

**USGS - Central African Copperbelt Scientific Investigations Report 2010-5090-J**

Group Name  DepID  MRDS

Deposit Name  Property

Total Endowment

DepID	Ore(mt)	Cu(pct)	Co(pct)
1	5,500,000	1.80	

Latitude  Longitude

Country

Province

Other Names

Includes

Site Activity  Production ☐

Deposit Type  DepositSubtype

RefNo	Deposit Reference
10	African Rainbow Minerals Ltd., 2010, Mineral resources and reserves 2010: African Rainbow Minerals Ltd. Mineral Resources and Reserves, 31 p., accessed May 13, 2011, at <a href="http://www.arm.co.za/im/files/annual/2010/f/ARM_resources_reserves_2010.pdf">http://www.arm.co.za/im/files/annual/2010/f/ARM_resources_reserves_2010.pdf</a> .

ResID <input type="text" value="280"/>	DepID <input type="text" value="1"/>	Subpart <input type="text" value="Karu East"/>
Resource Category <input type="text" value="inferred"/>		Resource Standard <input type="text"/>
Year(s) <input type="text" value="2010"/>	ASCu grade <input type="text"/>	Ag grade <input type="text"/>
Ore (mt) <input type="text" value="5,500,000"/>	Cu grade <input type="text" value="1.8"/>	Co grade <input type="text"/>
	ASCu amount <input type="text"/>	Ag amount <input type="text"/>
	Cu equivalent <input type="text"/>	Au grade <input type="text"/>
	Cu amount <input type="text"/>	Au amount <input type="text"/>
	Co amount <input type="text"/>	
	Cu cutoff <input type="text"/>	
Reference Page <input type="text" value="10 (p. 29)"/>		

RefNo	Resources Reference
10	African Rainbow Minerals Ltd., 2010, Mineral resources and reserves 2010: African Rainbow Minerals Ltd. Mineral Resources and Reserves, 31 p., accessed May 13, 2011, at <a href="http://www.arm.co.za/im/files/annual/2010/f/ARM_resources_reserves_2010.pdf">http://www.arm.co.za/im/files/annual/2010/f/ARM_resources_reserves_2010.pdf</a> .

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Group Name  DepID  MRDS

Deposit Name  Property

Total Endowment

DepID	Ore(mt)	Cu(pct)	Co(pct)
2	3,854,000	1.70	

Latitude  Longitude

Country

Province

Other Names

Includes

Site Activity  Production ☐

Deposit Type  DepositSubtype

RefNo	Deposit Reference
14	African Eagle Resources plc, 2009a, Mokambo Project: African Eagle Resources plc Fact Sheet, accessed Apr. 2, 2010, at Mokambo_FactSheet_January_2009_AfricanEagle.pdf.
115	Freeman, P.V., comp., 1988, Description of mineral deposits on the Copperbelt (and Kabwe, Nampundwe): Lukasa, Zambia, [Consolidated Copper Mines Ltd. (ZCCM) unpublished company report], 88 p.

ResID <input type="text" value="80"/>	DepID <input type="text" value="2"/>	Subpart <input type="text"/>
Resource Category <input type="text" value="resource"/>		Resource Standard <input type="text"/>
Year(s) <input type="text" value="2009"/>	ASCu grade <input type="text"/>	Ag grade <input type="text"/>
Ore (mt) <input type="text" value="3,854,000"/>	Cu grade <input type="text" value="1.7"/>	Co grade <input type="text"/>
	ASCu amount <input type="text"/>	Ag amount <input type="text"/>
	Cu equivalent <input type="text"/>	Au grade <input type="text"/>
	Cu amount <input type="text"/>	Au amount <input type="text"/>
	Co amount <input type="text"/>	Cu cutoff <input type="text"/>
		Au amount <input type="text"/>
Reference Page <input type="text" value="14"/>		

RefNo	Resources Reference
14	African Eagle Resources plc, 2009a, Mokambo Project: African Eagle Resources plc Fact Sheet, accessed Apr. 2, 2010, at Mokambo_FactSheet_January_2009_AfricanEagle.pdf.

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Group Name	<input type="text" value="Shaba"/>	DepID	<input type="text" value="3"/>	MRDS	<input type="text" value="10400609"/>
Deposit Name	<input type="text" value="Shaba"/>	Property	<input type="text" value="Kapulo"/>		
Total Endowment		Latitude	<input type="text" value="-8.3005"/>	Longitude	<input type="text" value="29.2354"/>
DepID	Ore(mt)	Cu(pct)	Co(pct)		
3	6,014,000	3.38			
Other Names		<input type="text"/>			
Includes		<input type="text"/>			
Site Activity	<input type="text"/>	Production	<input type="checkbox"/>		
Deposit Type	<input type="text" value="Structurally controlled replacement and vein"/>		DepositSubtype	<input type="text"/>	

RefNo	Deposit Reference
5	Le Burn, Steve, Anderson, Adam, and Hayward, Peter, 2011, Kapulo Project, DRC: Coffey Mining Pty Ltd. National Instrument 43-101 Technical Report, prepared for Mawson West Ltd., February 3, 2011, 112 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)
6	Le Burn, Steve, and Hayward, Peter, 2011, Kapulo Project, DRC: Coffey Mining Pty Ltd. National Instrument 43-101 Technical Report, prepared for Mawson West Ltd, revised 7 March, 2011, refiled March 18, 2011, 101 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)
7	Mawson West Ltd., 2011, Kapulo: Mawson West Ltd. Web Page, accessed June 17, 2011, at <a href="http://www.mawsonwest.com.au/IRM/content/projects_development_kapulo.html">http://www.mawsonwest.com.au/IRM/content/projects_development_kapulo.html</a> .
8	Frances, David, 2010, DRC copper producer: Mawson West Ltd., Africa Downunder Conference Presentation, September 1st-3rd, 2010, 19 p., accessed June 16, 2011, at <a href="http://www.mawsonwest.com.au/IRM/Company/ShowPage.aspx/PDFs/882-72638174/AfricaDownunderPresentation">http://www.mawsonwest.com.au/IRM/Company/ShowPage.aspx/PDFs/882-72638174/AfricaDownunderPresentation</a> .

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ResID	1	DepID	3	Subpart	Shaba	
Resource Category	inferred			Resource Standard		
Year(s)	2010		ASCu grade		Ag grade	10
Ore (mt)	Cu grade	Co grade	ASCu amount		Ag amount	
1,024,000	2.3		Cu equivalent		Au grade	
	Cu amount	Co amount	Cu cutoff	0.3	Au amount	
				Reference Page	6 (p. 4 or p. 11 of 108)	

RefNo	Resources Reference
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6 Le Burn, Steve, and Hayward, Peter, 2011, Kapulo Project, DRC: Coffey Mining Pty Ltd. National Instrument 43-101 Technical Report, prepared for Mawson West Ltd, revised 7 March, 2011, refiled March 18, 2011, 101 p. (Also available at <http://www.sedar.com>.)

ResID	279	DepID	3	Subpart	Shaba	
Resource Category	indicated			Resource Standard		
Year(s)	2010		ASCu grade		Ag grade	10
Ore (mt)	Cu grade	Co grade	ASCu amount		Ag amount	
4,990,000	3.6		Cu equivalent		Au grade	
	Cu amount	Co amount	Cu cutoff	0.3	Au amount	
			Reference Page			5 (p. 4 or p. 12 of 112)

RefNo	Resources Reference
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5 Le Burn, Steve, Anderson, Adam, and Hayward, Peter, 2011, Kapulo Project, DRC: Coffey Mining  
pty Ltd. National Instrument 43-101 Technical Report, prepared for Mawson West Ltd., February 3,  
2011, 112 p. (Also available at <http://www.sedar.com>.)

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Group Name	Safari North and South	DepID	4	MRDS	10400608
Deposit Name	Safari North	Property	Safari		
Total Endowment		Latitude	-8.3268	Longitude	29.2374
DepID	Ore(mt)	Cu(pct)	Co(pct)		
4	1,965,000	2.79			
Other Names		(part of Kapulo Project)			
Includes					
Site Activity		Production <input type="checkbox"/>			
Deposit Type		Structurally controlled replacement and vein		DepositSubtype	

RefNo	Deposit Reference
5	Le Burn, Steve, Anderson, Adam, and Hayward, Peter, 2011, Kapulo Project, DRC: Coffey Mining Pty Ltd. National Instrument 43-101 Technical Report, prepared for Mawson West Ltd., February 3, 2011, 112 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)
6	Le Burn, Steve, and Hayward, Peter, 2011, Kapulo Project, DRC: Coffey Mining Pty Ltd. National Instrument 43-101 Technical Report, prepared for Mawson West Ltd, revised 7 March, 2011, refiled March 18, 2011, 101 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)
7	Mawson West Ltd., 2011, Kapulo: Mawson West Ltd. Web Page, accessed June 17, 2011, at <a href="http://www.mawsonwest.com.au/IRM/content/projects_development_kapulo.html">http://www.mawsonwest.com.au/IRM/content/projects_development_kapulo.html</a> .
8	Frances, David, 2010, DRC copper producer: Mawson West Ltd., Africa Downunder Conference Presentation, September 1st-3rd, 2010, 19 p., accessed June 16, 2011, at <a href="http://www.mawsonwest.com.au/IRM/Company/ShowPage.aspx/PDFs/882-72638174/AfricaDownunderPresentation">http://www.mawsonwest.com.au/IRM/Company/ShowPage.aspx/PDFs/882-72638174/AfricaDownunderPresentation</a> .

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ResID	<input type="text" value="2"/>	DepID	<input type="text" value="4"/>	Subpart	<input type="text" value="Safari North"/>
Resource Category	<input type="text" value="indicated"/>		Resource Standard	<input type="text"/>	
Year(s)	<input type="text" value="2010"/>	ASCu grade	<input type="text"/>	Ag grade	<input type="text" value="7"/>
Ore (mt)	<input type="text"/>	Cu grade	<input type="text"/>	ASCu amount	<input type="text"/>
	<input type="text" value="959,000"/>	Co grade	<input type="text"/>	Ag amount	<input type="text"/>
	<input type="text" value="3.4"/>	Cu equivalent	<input type="text"/>	Au grade	<input type="text"/>
	<input type="text"/>	Cu amount	<input type="text"/>	Au amount	<input type="text"/>
	<input type="text"/>	Co amount	<input type="text"/>		
	<input type="text"/>	Cu cutoff	<input type="text" value="0.3"/>		
		Reference Page	<input type="text" value="6 (p. 4 or p. 11 of 108)"/>		

RefNo	Resources Reference
6	Le Burn, Steve, and Hayward, Peter, 2011, Kapulo Project, DRC: Coffey Mining Pty Ltd. National Instrument 43-101 Technical Report, prepared for Mawson West Ltd, revised 7 March, 2011, refiled March 18, 2011, 101 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)

ResID	<input type="text" value="3"/>	DepID	<input type="text" value="4"/>	Subpart	<input type="text" value="Safari North"/>
Resource Category	<input type="text" value="inferred"/>		Resource Standard	<input type="text"/>	
Year(s)	<input type="text" value="2010"/>	ASCu grade	<input type="text"/>	Ag grade	<input type="text" value="4"/>
Ore (mt)	<input type="text"/>	Cu grade	<input type="text"/>	ASCu amount	<input type="text"/>
	<input type="text" value="1,006,000"/>	Co grade	<input type="text"/>	Ag amount	<input type="text"/>
	<input type="text" value="2.2"/>	Cu equivalent	<input type="text"/>	Au grade	<input type="text"/>
	<input type="text"/>	Cu amount	<input type="text"/>	Au amount	<input type="text"/>
	<input type="text"/>	Co amount	<input type="text"/>		
		Cu cutoff	<input type="text" value="0.3"/>		
		Reference Page	<input type="text" value="6 (p. 4 or p. 11 of 108)"/>		

RefNo	Resources Reference
6	Le Burn, Steve, and Hayward, Peter, 2011, Kapulo Project, DRC: Coffey Mining Pty Ltd. National Instrument 43-101 Technical Report, prepared for Mawson West Ltd, revised 7 March, 2011, refiled March 18, 2011, 101 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)

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Group Name	<input type="text" value="Safari North and South"/>	DepID	<input type="text" value="5"/>	MRDS	<input type="text" value="10400607"/>
Deposit Name	<input type="text" value="Safari South"/>	Property	<input type="text" value="Safari"/>		
Total Endowment		Latitude	<input type="text" value="-8.3309"/>	Longitude	<input type="text" value="29.238"/>
DepID	Ore(mt)	Cu(pct)	Co(pct)	Country	<input type="text" value="Democratic Republic of the Congo"/>
5	392,000	1.80		Province	<input type="text" value="Katanga"/>
Other Names	<input type="text" value="(part of Kapulo Project)"/>				
Includes	<input type="text"/>				
Site Activity	<input type="text"/>	Production	<input type="checkbox"/>		
Deposit Type	<input type="text" value="Structurally controlled replacement and vein"/>		DepositSubtype	<input type="text"/>	

RefNo	Deposit Reference
5	Le Burn, Steve, Anderson, Adam, and Hayward, Peter, 2011, Kapulo Project, DRC: Coffey Mining pty Ltd. National Instrument 43-101 Technical Report, prepared for Mawson West Ltd., February 3, 2011, 112 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)

ResID	<input type="text" value="4"/>	DepID	<input type="text" value="5"/>	Subpart	<input type="text" value="Safari South"/>
Resource Category	<input type="text" value="inferred"/>		Resource Standard	<input type="text"/>	
Year(s)	<input type="text" value="2011"/>	ASCu grade	<input type="text"/>	Ag grade	<input type="text" value="1"/>
Ore (mt)	<input type="text" value="392,000"/>	Cu grade	<input type="text" value="1.8"/>	Ag amount	<input type="text"/>
		Co grade	<input type="text"/>	Au grade	<input type="text"/>
		ASCu amount	<input type="text"/>	Au amount	<input type="text"/>
		Cu equivalent	<input type="text"/>		
		Cu amount	<input type="text"/>		
		Co amount	<input type="text"/>		
		Cu cutoff	<input type="text" value="0.3"/>		
		Reference Page	<input type="text" value="6 (p. 4 or p. 11 of 108)"/>		

  

RefNo	Resources Reference
5	Le Burn, Steve, Anderson, Adam, and Hayward, Peter, 2011, Kapulo Project, DRC: Coffey Mining pty Ltd. National Instrument 43-101 Technical Report, prepared for Mawson West Ltd., February 3, 2011, 112 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)

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Group Name	<input type="text" value="Kasonta South"/>	DepID	<input type="text" value="6"/>	MRDS	<input type="text" value="10400605"/>
Deposit Name	<input type="text" value="Kasonta South"/>	Property	<input type="text" value="Kasonta"/>		
Total Endowment		Latitude	<input type="text" value="-11.6101"/>	Longitude	<input type="text" value="27.2718"/>
DepID	Ore(mt)	Cu(pct)	Co(pct)	Country	<input type="text" value="Democratic Republic of the Congo"/>
6	4,400,000	1.64		Province	<input type="text" value="Katanga"/>
Other Names	<input type="text"/>				
Includes	<input type="text"/>				
Site Activity	<input type="text"/>	Production	<input type="checkbox"/>		
Deposit Type	<input type="text" value="Sediment-hosted stratabound copper deposit"/>		DepositSubtype	<input type="text" value="Reduced-facies, carbonate ecaille"/>	

RefNo	Deposit Reference
10	African Rainbow Minerals Ltd., 2010, Mineral resources and reserves 2010: African Rainbow Minerals Ltd. Mineral Resources and Reserves, 31 p., accessed May 13, 2011, at <a href="http://www.arm.co.za/im/files/annual/2010/f/ARM_resources_reserves_2010.pdf">http://www.arm.co.za/im/files/annual/2010/f/ARM_resources_reserves_2010.pdf</a> .

ResID	<input type="text" value="5"/>	DepID	<input type="text" value="6"/>	Subpart	<input type="text" value="Kasonta South"/>
Resource Category	<input type="text" value="inferred"/>		Resource Standard	<input type="text"/>	
Year(s)	<input type="text" value="2010"/>	ASCu grade	<input type="text"/>	Ag grade	<input type="text"/>
Ore (mt)	<input type="text" value="4,400,000"/>	Cu grade	<input type="text" value="1.64"/>	Co grade	<input type="text"/>
		ASCu amount	<input type="text"/>	Ag amount	<input type="text"/>
		Cu equivalent	<input type="text"/>	Au grade	<input type="text"/>
		Cu amount	<input type="text"/>	Au amount	<input type="text"/>
		Co amount	<input type="text"/>		
		Cu cutoff	<input type="text"/>		
		Reference Page	<input type="text" value="10 (p. 29)"/>		

RefNo	Resources Reference
10	African Rainbow Minerals Ltd., 2010, Mineral resources and reserves 2010: African Rainbow Minerals Ltd. Mineral Resources and Reserves, 31 p., accessed May 13, 2011, at <a href="http://www.arm.co.za/im/files/annual/2010/f/ARM_resources_reserves_2010.pdf">http://www.arm.co.za/im/files/annual/2010/f/ARM_resources_reserves_2010.pdf</a> .



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Group Name  DepID  MRDS

Deposit Name  Property

Total Endowment

DepID	Ore(mt)	Cu(pct)	Co(pct)
7	20,000,000	6.00	

Latitude  Longitude

Country

Province

Other Names

Includes

Site Activity  Production ☐

Deposit Type  DepositSubtype

RefNo	Deposit Reference
21	Kirkham, R.V., Carrière, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: Geological Survey of Canada Open File 2915b, 256 p.

ResID <input type="text" value="43"/>	DepID <input type="text" value="7"/>	Subpart <input type="text"/>
Resource Category <input type="text" value="production"/>		Resource Standard <input type="text" value="NA"/>
Year(s) <input type="text" value="1994"/>	ASCu grade <input type="text"/>	Ag grade <input type="text"/>
Ore (mt) <input type="text" value="5,000,000"/>	Cu grade <input type="text" value="6"/>	Co grade <input type="text"/>
	ASCu amount <input type="text"/>	Ag amount <input type="text"/>
	Cu equivalent <input type="text"/>	Au grade <input type="text"/>
	Cu amount <input type="text" value="300,000"/>	Co amount <input type="text"/>
	Cu cutoff <input type="text"/>	Au amount <input type="text"/>
Reference Page <input type="text" value="21"/>		

RefNo	Resources Reference
21	Kirkham, R.V., Carrière, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: Geological Survey of Canada Open File 2915b, 256 p.

ResID <input type="text" value="44"/>	DepID <input type="text" value="7"/>	Subpart <input type="text"/>
Resource Category <input type="text" value="resource"/>		Resource Standard <input type="text"/>
Year(s) <input type="text" value="1994"/>	ASCu grade <input type="text"/>	Ag grade <input type="text"/>
Ore (mt) <input type="text" value="15,000,000"/>	Cu grade <input type="text" value="6"/>	Co grade <input type="text"/>
	ASCu amount <input type="text"/>	Ag amount <input type="text"/>
	Cu equivalent <input type="text"/>	Au grade <input type="text"/>

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Cu amount

Co amount

Cu cutoff

Au amount

900,000

Reference Page

21

RefNo

Resources Reference

21 Kirkham, R.V., Carrière, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: Geological Survey of Canada Open File 2915b, 256 p.

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Group Name	<input type="text" value="Mutoshi Northwest"/>	DepID	<input type="text" value="8"/>	MRDS	<input type="text" value="10159261"/>
Deposit Name	<input type="text" value="Mutoshi Northwest"/>	Property	<input type="text"/>		
Total Endowment		Latitude	<input type="text" value="-10.6726"/>	Longitude	<input type="text" value="25.5174"/>
DepID	Ore(mt)	Cu(pct)	Co(pct)	Country	<input type="text" value="Democratic Republic of the Congo"/>
8	10,000,000	4.00		Province	<input type="text" value="Katanga"/>
Other Names	<input type="text"/>				
Includes	<input type="text"/>				
Site Activity	<input type="text"/>	Production	<input type="checkbox"/>		
Deposit Type	<input type="text" value="Sediment-hosted stratabound copper deposit"/>		DepositSubtype	<input type="text" value="Reduced-facies, carbonate ecaille"/>	

RefNo	Deposit Reference
110	Anvil Mining Ltd., 2006a, Exploration 2006, Kolwezi Mine tour: Anvil Mining Ltd. Presentation, 12 p, accessed March 2, 2010, at <a href="http://www.anvilmining.com/files/060916%20NJF%20Kolwezi%20Exploration%20Summary.pdf">http://www.anvilmining.com/files/060916%20NJF%20Kolwezi%20Exploration%20Summary.pdf</a> .

ResID	<input type="text" value="45"/>	DepID	<input type="text" value="8"/>	Subpart	<input type="text"/>
Resource Category	<input type="text" value="resource"/>		Resource Standard	<input type="text"/>	
Year(s)	<input type="text" value="2006"/>	ASCu grade	<input type="text"/>	Ag grade	<input type="text"/>
Ore (mt)	<input type="text" value="10,000,000"/>	Cu grade	<input type="text" value="4"/>	Ag amount	<input type="text"/>
		Co grade	<input type="text"/>	Au grade	<input type="text"/>
		ASCu amount	<input type="text"/>	Au amount	<input type="text"/>
		Cu equivalent	<input type="text"/>		
		Cu amount	<input type="text" value="400,000"/>	Cu cutoff	<input type="text"/>
		Co amount	<input type="text"/>		
		Reference Page	<input type="text" value="110"/>		

  

RefNo	Resources Reference
110	Anvil Mining Ltd., 2006a, Exploration 2006, Kolwezi Mine tour: Anvil Mining Ltd. Presentation, 12 p, accessed March 2, 2010, at <a href="http://www.anvilmining.com/files/060916%20NJF%20Kolwezi%20Exploration%20Summary.pdf">http://www.anvilmining.com/files/060916%20NJF%20Kolwezi%20Exploration%20Summary.pdf</a> .

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Group Name	<input type="text" value="Kamoto-KOV-Musonie-Mupine"/>	DepID	<input type="text" value="9"/>	MRDS	<input type="text" value="10079670"/>
Deposit Name	<input type="text" value="Mupine"/>	Property	<input type="text" value="Kolwezi Klippe"/>		
Total Endowment		Latitude	<input type="text" value="-10.6979"/>	Longitude	<input type="text" value="25.404"/>
DepID	Ore(mt)	Cu(pct)	Co(pct)	Country	<input type="text" value="Democratic Republic of the Congo"/>
9	10,000,000	2.50		Province	<input type="text" value="Katanga"/>
Other Names	<input type="text"/>				
Includes	<input type="text" value="Mupine"/>				
Site Activity	<input type="text"/>	Production	<input type="checkbox"/>		
Deposit Type	<input type="text" value="Sediment-hosted stratabound copper deposit"/>		DepositSubtype	<input type="text" value="Reduced-facies, carbonate ecaille"/>	

RefNo	Deposit Reference
21	Kirkham, R.V., Carrière, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: Geological Survey of Canada Open File 2915b, 256 p.
44	Dixon, Roger, Simposya, Victor, Takolia, Ebrahim, Waldeck, Wally, Salter, Henrietta, von Wielligh, Anton, Naismith, Alan, Cilliers, Petrus, and McNeill, R., 2009, An independent technical report on the material assets of Katanga Mining Limited, Katanga Province, Democratic Republic of Congo ("DRC"): SRK Consulting Technical Report, prepared for Katanga Mining Ltd., March 17, 2009, 216 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)

ResID	<input type="text" value="48"/>	DepID	<input type="text" value="9"/>	Subpart	<input type="text" value="Mupine"/>
Resource Category	<input type="text" value="total endowment"/>		Resource Standard	<input type="text"/>	
Year(s)	<input type="text" value="1987"/>	ASCu grade	<input type="text"/>	Ag grade	<input type="text"/>
Ore (mt)	<input type="text" value="10,000,000"/>	Cu grade	<input type="text" value="2.5"/>	Ag amount	<input type="text"/>
		Co grade	<input type="text"/>	Au grade	<input type="text"/>
		ASCu amount	<input type="text"/>	Au amount	<input type="text"/>
		Cu equivalent	<input type="text"/>		
		Cu amount	<input type="text" value="250,000"/>		
		Co amount	<input type="text"/>		
		Cu cutoff	<input type="text"/>		
		Reference Page	<input type="text" value="21"/>		

RefNo	Resources Reference
21	Kirkham, R.V., Carrière, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: Geological Survey of Canada Open File 2915b, 256 p.

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Group Name	<input type="text" value="Chambishi Southeast"/>	DepID	<input type="text" value="10"/>	MRDS	<input type="text" value="10207476"/>
Deposit Name	<input type="text" value="Chambishi Southeast"/>	Property	<input type="text" value="Chambishi Basin"/>		
Total Endowment		Latitude	<input type="text" value="-12.7"/>	Longitude	<input type="text" value="28.1061"/>
DepID	Ore(mt)	Cu(pct)	Co(pct)	Country	<input type="text" value="Zambia"/>
10	177,629,000	2.13	0.069	Province	<input type="text" value="Copperbelt"/>
Other Names	<input type="text"/>				
Includes	<input type="text" value="Chambishi SE"/>				
Site Activity	<input type="text"/>	Production	<input type="checkbox"/>		
Deposit Type	<input type="text" value="Sediment-hosted stratabound copper deposit"/>		DepositSubtype	<input type="text" value="Reduced-facies, ore shale"/>	

RefNo	Deposit Reference
77	Kirkham, Rodney, and Broughton, David, 2005, Supplement to the sediment-hosted stratiform copper ore system, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Littleton, Colorado, Society of Economic Geologists, Inc., p. 609–642.
82	Selley, David, Broughton, David, Scott, Robert, Hitzman, Murray, Bull, S.W., Large, R.R., McGoldrick, P.J., Croaker, Mawson, Pollington, Nicky, and Barra, Fernando, 2005, A new look at the geology of the Zambian Copperbelt, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Society of Economic Geologists, Littleton, Colo., United States, p. 965–1000.
112	Guoping, Liu, 2006, CNMC Mining in Africa—Opportunities and challenges: International Copper Study Group Web Page, accessed October, 2010, at <a href="http://www.icsg.org/index.php?option=com_docman&amp;task=doc_download&amp;gid=82&amp;Itemid=62">http://www.icsg.org/index.php?option=com_docman&amp;task=doc_download&amp;gid=82&amp;Itemid=62</a> .
114	Ivanhoe Capital Corp., 1997, Ivanhoe Capital Corp. wins bid to acquire Zambia's Chambishi Copper Mine: Ivanhoe Capital Corp. Press Release, November 10, 1997, accessed March 3, 2010, at <a href="http://www.prnewswire.co.uk/cgi/news/release?id=35921">http://www.prnewswire.co.uk/cgi/news/release?id=35921</a> .
115	Freeman, P.V., comp., 1988, Description of mineral deposits on the Copperbelt (and Kabwe, Nampundwe): Lukasa, Zambia, [Consolidated Copper Mines Ltd. (ZCCM) unpublished company report], 88 p.
123	Japan International Cooperation Agency, and Metal Mining Agency of Japan [JICA and MMAJ], 1996a, Report on the cooperative mineral exploration in the Chambishi southeast area the Republic of Zambia: Japan International Cooperation Agency and Metal Mining Agency of Japan, 53 p., accessed May 27, 2010, at <a href="http://lvzopac.jica.go.jp/external/library?func=function.opacsch.mmindex&amp;view=view.opacsch.toshoshozods">http://lvzopac.jica.go.jp/external/library?func=function.opacsch.mmindex&amp;view=view.opacsch.toshoshozods</a> n(=eng&shoshisht=1&shoshino=0000088693&volno=0

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ResID	30	DepID	10	Subpart	Chambishi SE -North Zone		
Resource Category	inferred			Resource Standard			
Year(s)	1996			ASCu grade		Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount			
54,790,000	2.7	0.13	Cu equivalent	Au grade			
	Cu amount	Co amount	Cu cutoff	Au amount			
	1,479,330	71,227	Reference Page	123 (p. 155)			

RefNo	Resources Reference
123	Japan International Cooperation Agency, and Metal Mining Agency of Japan [JICA and MMAJ], 1996a, Report on the cooperative mineral exploration in the Chambishi southeast area the Republic of Zambia: Japan International Cooperation Agency and Metal Mining Agency of Japan, 53 p., accessed May 27, 2010, at <a href="http://lvzopac.jica.go.jp/external/library?func=function.opacsch.mmindex&amp;view=view.opacsch.tosho&amp;shozodsp=&lt;=eng&amp;shoshisbt=1&amp;shoshino=0000088693&amp;volno=0">http://lvzopac.jica.go.jp/external/library?func=function.opacsch.mmindex&amp;view=view.opacsch.tosho&amp;shozodsp=&lt;=eng&amp;shoshisbt=1&amp;shoshino=0000088693&amp;volno=0</a> .

ResID	31	DepID	10	Subpart	Chambishi SE--South Zone		
Resource Category	inferred			Resource Standard			
Year(s)	1996			ASCu grade		Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount			
14,930,000	2.19	0.13	Cu equivalent	Au grade			
	Cu amount	Co amount	Cu cutoff	Au amount			
	326,967	19,409	Reference Page	123 (p. 155)			

RefNo	Resources Reference
123	Japan International Cooperation Agency, and Metal Mining Agency of Japan [JICA and MMAJ], 1996a, Report on the cooperative mineral exploration in the Chambishi southeast area the Republic of Zambia: Japan International Cooperation Agency and Metal Mining Agency of Japan, 53 p., accessed May 27, 2010, at <a href="http://lvzopac.jica.go.jp/external/library?func=function.opacsch.mmindex&amp;view=view.opacsch.tosho&amp;shozodsp=&lt;=eng&amp;shoshisbt=1&amp;shoshino=0000088693&amp;volno=0">http://lvzopac.jica.go.jp/external/library?func=function.opacsch.mmindex&amp;view=view.opacsch.tosho&amp;shozodsp=&lt;=eng&amp;shoshisbt=1&amp;shoshino=0000088693&amp;volno=0</a> .

ResID	54	DepID	10	Subpart	Chambishi SE-low grade		
Resource Category	inferred			Resource Standard			
Year(s)	1996			ASCu grade		Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount			
107,909,000	1.83	0.03	Cu equivalent	Au grade			

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Cu amount

Co amount

Cu cutoff

Au amount

1,974,735

32,373

Reference Page

123 (p. 155)

RefNo

Resources Reference

123 Japan International Cooperation Agency, and Metal Mining Agency of Japan [JICA and MMAJ], 1996a, Report on the cooperative mineral exploration in the Chambishi southeast area the Republic of Zambia: Japan International Cooperation Agency and Metal Mining Agency of Japan, 53 p., accessed May 27, 2010, at <http://lvzopac.jica.go.jp/external/library?func=function.opacsch.mmindex&view=view.opacsch.tosho.shozodsp<=eng&shoshisbt=1&shoshino=0000088693&volno=0>.

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Group Name  DepID  MRDS

Deposit Name  Property

Total Endowment

DepID	Ore(mt)	Cu(pct)	Co(pct)
11	6,000,000	2.70	

Latitude  Longitude

Country

Province

Other Names

Includes

Site Activity  Production ☐

Deposit Type  DepositSubtype

RefNo	Deposit Reference
14	African Eagle Resources plc, 2009a, Mokambo Project: African Eagle Resources plc Fact Sheet, accessed Apr. 2, 2010, at Mokambo_FactSheet_January_2009_AfricanEagle.pdf.
115	Freeman, P.V., comp., 1988, Description of mineral deposits on the Copperbelt (and Kabwe, Nampundwe): Lukasa, Zambia, [Consolidated Copper Mines Ltd. (ZCCM) unpublished company report], 88 p.

ResID <input type="text" value="79"/>	DepID <input type="text" value="11"/>	Subpart <input type="text" value="Mokambo South"/>
Resource Category <input type="text" value="resource"/>	Resource Standard <input type="text"/>	
Year(s) <input type="text" value="2009"/>	ASCu grade <input type="text"/>	Ag grade <input type="text"/>
Ore (mt) <input type="text" value="6,000,000"/>	Cu grade <input type="text" value="2.7"/>	Ag amount <input type="text"/>
	Co grade <input type="text"/>	Au grade <input type="text"/>
	ASCu amount <input type="text"/>	Au amount <input type="text"/>
	Cu equivalent <input type="text"/>	
	Cu amount <input type="text"/>	
	Co amount <input type="text"/>	
	Cu cutoff <input type="text"/>	
Reference Page <input type="text" value="14"/>		

RefNo	Resources Reference
14	African Eagle Resources plc, 2009a, Mokambo Project: African Eagle Resources plc Fact Sheet, accessed Apr. 2, 2010, at Mokambo_FactSheet_January_2009_AfricanEagle.pdf.



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Group Name	<input type="text" value="Kazibizi"/>	DepID	<input type="text" value="12"/>	MRDS	<input type="text" value="10079675"/>
Deposit Name	<input type="text" value="Kazibizi"/>	Property	<input type="text" value="Kazibizi"/>		
Total Endowment					
DepID	Ore(mt)	Cu(pct)	Co(pct)	Latitude	Longitude
12	1,000,000	3.20	0.600	-10.8392	26.6004
				Country	<input type="text" value="Democratic Republic of the Congo"/>
				Province	<input type="text" value="Katanga"/>
Other Names	<input type="text" value="(separated from Kamfundwa)"/>				
Includes	<input type="text"/>				
Site Activity	<input type="text"/>	Production	<input checked="" type="checkbox"/>		
Deposit Type	<input type="text" value="Sediment-hosted stratabound copper deposit"/>		DepositSubtype	<input type="text" value="Reduced-facies, carbonate ecaille"/>	

RefNo	Deposit Reference
117	Goossens, Pierre, 2007, Phoenix rising in an uncertain world—New mining activities in Katanga: Académie Royale des Sciences d'Outre-Mer, Bulletin des séances, v. 53, no. 3, p. 361–385.

ResID	<input type="text" value="59"/>	DepID	<input type="text" value="12"/>	Subpart	<input type="text" value="Kazibizi"/>
Resource Category	<input type="text" value="resource"/>		Resource Standard	<input type="text"/>	
Year(s)	<input type="text" value="2007"/>	ASCu grade	<input type="text"/>	Ag grade	<input type="text"/>
Ore (mt)	<input type="text" value="1,000,000"/>	Cu grade	<input type="text" value="3.2"/>	Ag amount	<input type="text"/>
		Co grade	<input type="text" value="0.6"/>	Au grade	<input type="text"/>
		ASCu amount	<input type="text"/>	Au amount	<input type="text"/>
		Cu equivalent	<input type="text"/>		
		Cu amount	<input type="text" value="32,000"/>	Au cutoff	<input type="text"/>
		Co amount	<input type="text" value="6,000"/>	Au amount	<input type="text"/>
Reference Page <input type="text" value="117 (p. 370)"/>					

RefNo	Resources Reference
117	Goossens, Pierre, 2007, Phoenix rising in an uncertain world—New mining activities in Katanga: Académie Royale des Sciences d'Outre-Mer, Bulletin des séances, v. 53, no. 3, p. 361–385.

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Group Name	<input type="text" value="Shangolowe"/>	DepID	<input type="text" value="13"/>	MRDS	<input type="text" value="10400593"/>
Deposit Name	<input type="text" value="Shangolowe"/>	Property	<input type="text" value="Shanguluwe"/>		
Total Endowment		Latitude	<input type="text" value="-10.7949"/>	Longitude	<input type="text" value="26.5684"/>
DepID	Ore(mt)	Cu(pct)	Co(pct)	Country	<input type="text" value="Democratic Republic of the Congo"/>
13	25,000	8.00		Province	<input type="text" value="Katanga"/>
Other Names	<input type="text" value="(separated from Kamfundwa)"/>				
Includes	<input type="text"/>				
Site Activity	<input type="text"/>	Production	<input checked="" type="checkbox"/>		
Deposit Type	<input type="text" value="Sediment-hosted stratabound copper deposit"/>		DepositSubtype	<input type="text" value="Reduced-facies, carbonate ecaille"/>	

ResID	<input type="text" value="60"/>	DepID	<input type="text" value="13"/>	Subpart	<input type="text" value="Shanguluwe (remaining resources)"/>	
Resource Category	<input type="text" value="resource"/>			Resource Standard	<input type="text"/>	
Year(s)	<input type="text" value="2007"/>		ASCu grade	<input type="text"/>	Ag grade	<input type="text"/>
Ore (mt)	Cu grade	Co grade	ASCu amount	<input type="text"/>	Ag amount	<input type="text"/>
25,000	8		Cu equivalent	<input type="text"/>	Au grade	<input type="text"/>
	Cu amount	Co amount	Cu cutoff	<input type="text"/>	Au amount	<input type="text"/>
	2,000		Reference Page	<input type="text" value="117"/>		

RefNo	Resources Reference
117	Goossens, Pierre, 2007, Phoenix rising in an uncertain world—New mining activities in Katanga: Académie Royale des Sciences d'Outre-Mer, Bulletin des séances, v. 53, no. 3, p. 361–385.

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Group Name  DepID  MRDS

Deposit Name  Property

Total Endowment

Latitude  Longitude

DepID	Ore(mt)	Cu(pct)	Co(pct)
14	32,900,000	5.52	0.304

Country

Province

Other Names

Includes

Site Activity  Production ☐

Deposit Type  DepositSubtype

RefNo	Deposit Reference
21	Kirkham, R.V., Carrière, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: Geological Survey of Canada Open File 2915b, 256 p.
77	Kirkham, Rodney, and Broughton, David, 2005, Supplement to the sediment-hosted stratiform copper ore system, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Littleton, Colorado, Society of Economic Geologists, Inc., p. 609–642.

ResID <input type="text" value="26"/>	DepID <input type="text" value="14"/>	Subpart <input type="text" value="Kambove West"/>
Resource Category <input type="text" value="production"/>		Resource Standard <input type="text" value="NA"/>
Year(s) <input type="text" value="to 1986"/>	ASCu grade <input type="text"/>	Ag grade <input type="text"/>
Ore (mt) <input type="text" value="25,000,000"/>	Cu grade <input type="text" value="6"/>	Co grade <input type="text" value="0.4"/>
	ASCu amount <input type="text"/>	Ag amount <input type="text"/>
	Cu equivalent <input type="text"/>	Au grade <input type="text"/>
	Cu amount <input type="text" value="1,500,000"/>	Co amount <input type="text" value="100,000"/>
	Cu cutoff <input type="text"/>	Au amount <input type="text"/>
Reference Page <input type="text" value="21"/>		

  

RefNo	Resources Reference
21	Kirkham, R.V., Carrière, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: Geological Survey of Canada Open File 2915b, 256 p.

  

ResID <input type="text" value="27"/>	DepID <input type="text" value="14"/>	Subpart <input type="text" value="Kambove West (reserves in 1985)"/>
Resource Category <input type="text" value="reserve"/>		Resource Standard <input type="text"/>
Year(s) <input type="text" value="1985"/>	ASCu grade <input type="text"/>	Ag grade <input type="text"/>

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Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount
7,900,000	4			
	Cu amount	Co amount	Cu equivalent	Au grade
	316,000			
		Cu cutoff		Au amount
		Reference Page	21	

RefNo	Resources Reference
21	Kirkham, R.V., Carrière, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: Geological Survey of Canada Open File 2915b, 256 p.

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Group Name  DepID  MRDS

Deposit Name  Property

Total Endowment

DepID	Ore(mt)	Cu(pct)	Co(pct)
15	8,000,000	2.50	1.100

Latitude  Longitude

Country

Province

Other Names

Includes

Site Activity  Production ☐

Deposit Type  DepositSubtype

RefNo	Deposit Reference
21	Kirkham, R.V., Carrière, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: Geological Survey of Canada Open File 2915b, 256 p.
77	Kirkham, Rodney, and Broughton, David, 2005, Supplement to the sediment-hosted stratiform copper ore system, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Littleton, Colorado, Society of Economic Geologists, Inc., p. 609–642.
117	Goossens, Pierre, 2007, Phoenix rising in an uncertain world—New mining activities in Katanga: Académie Royale des Sciences d'Outre-Mer, Bulletin des séances, v. 53, no. 3, p. 361–385.

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ResID	29	DepID	15	Subpart	Luiswishi	
Resource Category	resource			Resource Standard		
Year(s)	2007			ASCu grade		Ag grade
Ore (mt)	Cu grade	Co grade	ASCu amount		Ag amount	
8,000,000	2.5	1.1	Cu equivalent		Au grade	
	Cu amount	Co amount	Cu cutoff		Au amount	
	200,000	88,000	Reference Page	117 (p. 371), 77		

RefNo	Resources Reference
77	Kirkham, Rodney, and Broughton, David, 2005, Supplement to the sediment-hosted stratiform copper ore system, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Littleton, Colorado, Society of Economic Geologists, Inc., p. 609–642.
117	Goossens, Pierre, 2007, Phoenix rising in an uncertain world—New mining activities in Katanga: Académie Royale des Sciences d'Outre-Mer, Bulletin des séances, v. 53, no. 3, p. 361–385.

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Group Name  DepID  MRDS

Deposit Name  Property

Total Endowment

DepID	Ore(mt)	Cu(pct)	Co(pct)
16	78,218,000	0.01	0.043

Latitude  Longitude

Country

Province

Other Names

Includes

Site Activity  Production ☐

Deposit Type  DepositSubtype

RefNo	Deposit Reference
100	Grant, David, and Haslett, Michael, 2007, Independent competent persons report of the Nama retention license in northern Zambia and held by Caledonian Mining Ltd., May 1, 2007: Applied Geology and Mining (pty), prepared for Caledonian Mining Ltd., 67 p.

ResID <input type="text" value="278"/>	DepID <input type="text" value="16"/>	Subpart <input type="text" value="Nama Anomaly C"/>
Resource Category <input type="text" value="indicated"/>	Resource Standard <input type="text"/>	
Year(s) <input type="text" value="2007"/>	ASCu grade <input type="text"/>	Ag grade <input type="text"/>
Ore (mt) <input type="text" value="78,218,000"/>	Cu grade <input type="text" value="0.012"/>	Co grade <input type="text" value="0.043"/>
	ASCu amount <input type="text"/>	Ag amount <input type="text"/>
	Cu equivalent <input type="text"/>	Au grade <input type="text"/>
	Cu amount <input type="text" value="9,090"/>	Co amount <input type="text" value="33,460"/>
	Cu cutoff <input type="text"/>	Au amount <input type="text"/>
Reference Page <input type="text" value="100 (p. 58)"/>		

RefNo	Resources Reference
100	Grant, David, and Haslett, Michael, 2007, Independent competent persons report of the Nama retention license in northern Zambia and held by Caledonian Mining Ltd., May 1, 2007: Applied Geology and Mining (pty), prepared for Caledonian Mining Ltd., 67 p.

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Group Name	<input type="text" value="Nama A"/>	DepID	<input type="text" value="17"/>	MRDS	<input type="text" value="10159261"/>
Deposit Name	<input type="text" value="Nama A"/>	Property	<input type="text" value="Nama Retention Licence"/>		
Total Endowment		Latitude	<input type="text" value="-12.2662"/>	Longitude	<input type="text" value="27.6015"/>
DepID	Ore(mt)	Cu(pct)	Co(pct)	Country	<input type="text" value="Zambia"/>
17	43,656,000	0.10	0.055	Province	<input type="text" value="Copperbelt"/>
Other Names	<input type="text"/>				
Includes	<input type="text"/>				
Site Activity	<input type="text" value="exploration"/>	Production	<input type="checkbox"/>		
Deposit Type	<input type="text" value="Structurally controlled replacement and vein"/>		DepositSubtype	<input type="text"/>	

RefNo	Deposit Reference
100	Grant, David, and Haslett, Michael, 2007, Independent competent persons report of the Nama retention license in northern Zambia and held by Caledonian Mining Ltd., May 1, 2007: Applied Geology and Mining (pty), prepared for Caledonian Mining Ltd., 67 p.

ResID	<input type="text" value="277"/>	DepID	<input type="text" value="17"/>	Subpart	<input type="text" value="Nama Anomaly A"/>
Resource Category	<input type="text" value="indicated"/>		Resource Standard	<input type="text"/>	
Year(s)	<input type="text" value="2007"/>	ASCu grade	<input type="text"/>	Ag grade	<input type="text"/>
Ore (mt)	<input type="text" value="43,656,000"/>	Cu grade	<input type="text" value="0.099"/>	Co grade	<input type="text" value="0.055"/>
		ASCu amount	<input type="text"/>	Ag amount	<input type="text"/>
		Cu equivalent	<input type="text"/>	Au grade	<input type="text"/>
		Cu amount	<input type="text" value="43,370"/>	Cu cutoff	<input type="text"/>
		Co amount	<input type="text" value="23,940"/>	Au amount	<input type="text"/>
		Reference Page	<input type="text" value="100 (p. 56)"/>		

RefNo	Resources Reference
100	Grant, David, and Haslett, Michael, 2007, Independent competent persons report of the Nama retention license in northern Zambia and held by Caledonian Mining Ltd., May 1, 2007: Applied Geology and Mining (pty), prepared for Caledonian Mining Ltd., 67 p.



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Group Name	<input type="text" value="Dikulushi"/>	DepID	<input type="text" value="18"/>	MRDS	<input type="text" value="10400555"/>
Deposit Name	<input type="text" value="Dikulushi"/>	Property	<input type="text" value="Dikulushi"/>		
Total Endowment		Latitude	<input type="text" value="-8.892"/>	Longitude	<input type="text" value="28.2743"/>
DepID	Ore(mt)	Cu(pct)	Co(pct)		
18	3,114,104	4.45			
		Country	<input type="text" value="Democratic Republic of the Congo"/>		
		Province	<input type="text" value="Katanga"/>		
Other Names	<input type="text"/>				
Includes	<input type="text"/>				
Site Activity	<input type="text" value="inactive"/>	Production	<input checked="" type="checkbox"/>		
Deposit Type	<input type="text" value="Structurally controlled replacement and vein"/>		DepositSubtype	<input type="text"/>	

RefNo	Deposit Reference
51	Anvil Mining Ltd., 2009a, Annual information form for the financial year ended Dec. 31, 2008 [dated March 31, 2009]: Anvil Mining Ltd. Annual Information Form, 67 p., accessed October 4, 2010, at <a href="http://www.anvilmining.com/files/090331%20AIF%202008%20_clean_(1).pdf">http://www.anvilmining.com/files/090331%20AIF%202008%20_clean_(1).pdf</a> .
69	Porter GeoConsultancy, 2009, Dikulushi: Porter GeoConsultancy Web Page, accessed September 16, 2009 and May 27, 2010, at <a href="http://www.portergeo.com.au/database/mineinfo.asp?mineid=mn1298">http://www.portergeo.com.au/database/mineinfo.asp?mineid=mn1298</a> .
70	Haest, M., Muchez, P., Dewaele, S., Franey, N., and Tyler, R., 2007, Structural control on the Dikulushi Cu-Ag deposit, Katanga, Democratic Republic of Congo: Economic Geology, v. 102, p. 1321–1333.
77	Kirkham, Rodney, and Broughton, David, 2005, Supplement to the sediment-hosted stratiform copper ore system, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Littleton, Colorado, Society of Economic Geologists, Inc., p. 609–642.
78	Cox, D.P., Lindsey, D.A., Singer, D.A., and Diggles, M.F., 2003, revised 2007, Sediment-hosted copper deposits of the world—Deposit models and database: U.S. Geological Survey Open-File Report 2003-107 version 1.1, 50 p. (Also available online at <a href="http://pubs.usgs.gov/of/2003/of03-107/">http://pubs.usgs.gov/of/2003/of03-107/</a> .)

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ResID	185	DepID	18	Subpart	Dikulushi HMS stockpiles, floats, and tails
Resource Category	production			Resource Standard	NA
Year(s)	2002-2004			ASCu grade	
				Ag grade	101
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount	
201,095	3.4				
			Cu equivalent	Au grade	
	Cu amount	Co amount	Cu cutoff	Au amount	
				Reference Page	51 (p. 42)

RefNo	Resources Reference
51	Anvil Mining Ltd., 2009a, Annual information form for the financial year ended Dec. 31, 2008 [dated March 31, 2009]: Anvil Mining Ltd. Annual Information Form, 67 p., accessed October 4, 2010, at <a href="http://www.anvilmining.com/files/090331%20AIF%202008%20_clean_(1).pdf">http://www.anvilmining.com/files/090331%20AIF%202008%20_clean_(1).pdf</a> .

ResID	186	DepID	18	Subpart	Dikulushi
Resource Category	measured			Resource Standard	CIM
Year(s)	2008			ASCu grade	
				Ag grade	310
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount	1,800
181,000	9.9				
			Cu equivalent	Au grade	
	Cu amount	Co amount	Cu cutoff	Au amount	
	17,917		1.5		
				Reference Page	51 (p. 43)

RefNo	Resources Reference
51	Anvil Mining Ltd., 2009a, Annual information form for the financial year ended Dec. 31, 2008 [dated March 31, 2009]: Anvil Mining Ltd. Annual Information Form, 67 p., accessed October 4, 2010, at <a href="http://www.anvilmining.com/files/090331%20AIF%202008%20_clean_(1).pdf">http://www.anvilmining.com/files/090331%20AIF%202008%20_clean_(1).pdf</a> .

ResID	187	DepID	18	Subpart	Dikulushi
Resource Category	indicated			Resource Standard	CIM
Year(s)	2008			ASCu grade	
				Ag grade	167
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount	4,300
811,000	6.55				
			Cu equivalent	Au grade	

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Cu amount 53,090 Co amount Cu cutoff 1.5 Au amount  
Reference Page 51 (p. 43)

## RefNo Resources Reference

51 Anvil Mining Ltd., 2009a, Annual information form for the financial year ended Dec. 31, 2008 [dated March 31, 2009]: Anvil Mining Ltd. Annual Information Form, 67 p., accessed October 4, 2010, at [http://www.anvilmining.com/files/090331%20AIF%202008%20\\_clean\\_\(1\).pdf](http://www.anvilmining.com/files/090331%20AIF%202008%20_clean_(1).pdf).

ResID 188 DepID 18 Subpart Dikulushi stockpile (excludes HMS stockpile)  
Resource Category indicated Resource Standard CIM  
Year(s) 2008 ASCu grade Ag grade 27  
Ore (mt) Cu grade Co grade ASCu amount Ag amount 756  
880,000 1.16  
Cu amount Co amount Cu cutoff Au amount  
10,218  
Reference Page 51 (p. 43)

## RefNo Resources Reference

51 Anvil Mining Ltd., 2009a, Annual information form for the financial year ended Dec. 31, 2008 [dated March 31, 2009]: Anvil Mining Ltd. Annual Information Form, 67 p., accessed October 4, 2010, at [http://www.anvilmining.com/files/090331%20AIF%202008%20\\_clean\\_\(1\).pdf](http://www.anvilmining.com/files/090331%20AIF%202008%20_clean_(1).pdf).

ResID 189 DepID 18 Subpart Dikulushi  
Resource Category inferred Resource Standard CIM  
Year(s) 2008 ASCu grade Ag grade 121  
Ore (mt) Cu grade Co grade ASCu amount Ag amount 1,200  
313,000 4.16  
Cu amount Co amount Cu cutoff Au amount  
13,010  
Reference Page 51 (p. 43)

## RefNo Resources Reference

51 Anvil Mining Ltd., 2009a, Annual information form for the financial year ended Dec. 31, 2008 [dated March 31, 2009]: Anvil Mining Ltd. Annual Information Form, 67 p., accessed October 4, 2010, at [http://www.anvilmining.com/files/090331%20AIF%202008%20\\_clean\\_\(1\).pdf](http://www.anvilmining.com/files/090331%20AIF%202008%20_clean_(1).pdf).

ResID 190 DepID 18 Subpart Dikulushi  
Resource Category production Resource Standard NA

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Year(s)	2007-2008		ASCu grade		Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount		Ag amount	
121,009	3.84		Cu equivalent		Au grade	
	Cu amount	Co amount	Cu cutoff		Au amount	
Reference Page				51 (p. 44)		

RefNo Resources Reference

51 Anvil Mining Ltd., 2009a, Annual information form for the financial year ended Dec. 31, 2008 [dated March 31, 2009]: Anvil Mining Ltd. Annual Information Form, 67 p., accessed October 4, 2010, at [http://www.anvilmining.com/files/090331%20AIF%202008%20\\_clean\\_\(1\).pdf](http://www.anvilmining.com/files/090331%20AIF%202008%20_clean_(1).pdf).

ResID	202	DepID	18	Subpart	Dikulushi	
Resource Category	production			Resource Standard	NA	
Year(s)	2006		ASCu grade		Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount		Ag amount	68
607,000	5.41		Cu equivalent		Au grade	
	Cu amount	Co amount	Cu cutoff		Au amount	
Reference Page				69		

RefNo Resources Reference

69 Porter GeoConsultancy, 2009, Dikulushi: Porter GeoConsultancy Web Page, accessed September 16, 2009 and May 27, 2010, at <http://www.portergeo.com.au/database/mineinfo.asp?mineid=mn1298>.

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Group Name  DepID  MRDS

Deposit Name  Property

Total Endowment

DepID	Ore(mt)	Cu(pct)	Co(pct)
19	64,330,000	4.33	0.362

Latitude  Longitude

Country

Province

Other Names

Includes

Site Activity  Production ☐

Deposit Type  DepositSubtype

RefNo	Deposit Reference
21	Kirkham, R.V., Carrière, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: Geological Survey of Canada Open File 2915b, 256 p.
24	Oosterbosch, R., 1951, Copper mineralization in the Fungurume region, Katanga: Economic Geology, v. 46, p. 121–148.
41	Nilsson, John, Simpson, R.G., and McKenzie, William, 2009, Technical report for the Tenke Fungurume Project, Katanga Province, Democratic Republic of Congo: Nilsson Mine Services Ltd., and GeoSim Services, Inc. Technical Report, prepared for Lundin Mining Corporation, March 31, 2009, 243 p., accessed April 17, 2012, at <a href="http://www.lundinmining.com/i/pdf/TenkeFungurume_Technical_Report-March_31_2009.pdf">www.lundinmining.com/i/pdf/TenkeFungurume_Technical_Report-March_31_2009.pdf</a> .
78	Cox, D.P., Lindsey, D.A., Singer, D.A., and Diggles, M.F., 2003, revised 2007, Sediment-hosted copper deposits of the world—Deposit models and database: U.S. Geological Survey Open-File Report 2003-107 version 1.1, 50 p. (Also available online at <a href="http://pubs.usgs.gov/of/2003/of03-107/">http://pubs.usgs.gov/of/2003/of03-107/</a> .)

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ResID	120	DepID	19	Subpart	
Resource Category	measured			Resource Standard	CIM
Year(s)	2009			ASCu grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag grade	
37,143,000	4.493	0.391	Cu equivalent	Ag amount	
	Cu amount	Co amount	Cu cutoff	Au grade	
			1.5	Au amount	
				Reference Page	41 (p. 19)

RefNo Resources Reference

41 Nilsson, John, Simpson, R.G., and McKenzie, William, 2009, Technical report for the Tenke Fungurume Project, Katanga Province, Democratic Republic of Congo: Nilsson Mine Services Ltd., and GeoSim Services, Inc. Technical Report, prepared for Lundin Mining Corporation, March 31, 2009, 243 p., accessed April 17, 2012, at [www.lundinmining.com/i/pdf/TenkeFungurume\\_Technical\\_Report-March\\_31\\_2009.pdf](http://www.lundinmining.com/i/pdf/TenkeFungurume_Technical_Report-March_31_2009.pdf).

ResID	121	DepID	19	Subpart	
Resource Category	indicated			Resource Standard	CIM
Year(s)	2009			ASCu grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag grade	
21,038,000	4.115	0.329	Cu equivalent	Ag amount	
	Cu amount	Co amount	Cu cutoff	Au grade	
			1.5	Au amount	
				Reference Page	41 (p. 19)

RefNo Resources Reference

41 Nilsson, John, Simpson, R.G., and McKenzie, William, 2009, Technical report for the Tenke Fungurume Project, Katanga Province, Democratic Republic of Congo: Nilsson Mine Services Ltd., and GeoSim Services, Inc. Technical Report, prepared for Lundin Mining Corporation, March 31, 2009, 243 p., accessed April 17, 2012, at [www.lundinmining.com/i/pdf/TenkeFungurume\\_Technical\\_Report-March\\_31\\_2009.pdf](http://www.lundinmining.com/i/pdf/TenkeFungurume_Technical_Report-March_31_2009.pdf).

ResID	122	DepID	19	Subpart	
Resource Category	inferred			Resource Standard	CIM
Year(s)	2009			ASCu grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag grade	
6,149,000	4.058	0.303	Cu equivalent	Ag amount	
			5.952	Au grade	

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Cu amount

Co amount

Cu cutoff

1.5

Au amount

Reference Page

41 (p. 19)

RefNo

Resources Reference

41 Nilsson, John, Simpson, R.G., and McKenzie, William, 2009, Technical report for the Tenke Fungurume Project, Katanga Province, Democratic Republic of Congo: Nilsson Mine Services Ltd., and GeoSim Services, Inc. Technical Report, prepared for Lundin Mining Corporation, March 31, 2009, 243 p., accessed April 17, 2012, at [www.lundinmining.com/i/pdf/TenkeFungurume\\_Technical\\_Report-March\\_31\\_2009.pdf](http://www.lundinmining.com/i/pdf/TenkeFungurume_Technical_Report-March_31_2009.pdf).

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Group Name	<input type="text" value="Mutoshi"/>	DepID	<input type="text" value="20"/>	MRDS	<input type="text" value="10159261"/>
Deposit Name	<input type="text" value="Mutoshi"/>	Property	<input type="text" value="Mutoshi"/>		
Total Endowment		Latitude	<input type="text" value="-10.6817"/>	Longitude	<input type="text" value="25.5386"/>
DepID	Ore(mt)	Cu(pct)	Co(pct)	Country	<input type="text" value="Democratic Republic of the Congo"/>
20	10,765,000	4.20	0.304	Province	<input type="text" value="Katanga"/>
Other Names	<input type="text" value="Ruwe Gold Mine"/>				
Includes	<input type="text" value="Ruwe, Breche, Kulu tailings, Kulumaziba River tailings project"/>				
Site Activity	<input type="text" value="inactive"/>	Production	<input checked="" type="checkbox"/>		
Deposit Type	<input type="text" value="Sediment-hosted stratabound copper deposit"/>		DepositSubtype	<input type="text" value="Reduced-facies, carbonate ecaille"/>	

RefNo	Deposit Reference
17	Bowen, Robert, and Gunatilaka, Ananda, 1977, Copper—its geology and economics: New York, John Wiley & Sons, 366 p.
18	Cailteux, J., 1986, Diagenetic sulphide mineralization within the stratiform copper-cobalt deposit of West Kambove (Shaba-Zaire), in Friedrich, G.H., Genkin, A.D., Naldrett, A.J., Ridge, J.D., Sillitoe, R.H., and Vokes, F.M., eds., Geology and metallogeny of copper deposits, part IV, Sediment-hosted deposits—Proceedings 27th International Geological Congress, Moscow, 1984: Berlin, Springer-Verlag, p. 398–411.
21	Kirkham, R.V., Carrière, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: Geological Survey of Canada Open File 2915b, 256 p.
29	Bartholomé, P., Evrard, P., Katekesha, F., Lopez-Ruiz, J., and Ngongo, M., 1976, Diagenetic ore-forming processes at Kamoto, Katanga, Republic of Congo, in Amstutz, G.C., and Barnard, A.J., eds., Ores in sediments—VIII. International Sedimentological Congress, Heidelberg, August 31–September 3, 1971: Berlin, Heidelberg, New York, Springer-Verlag, International Union of Geological Sciences, Series A, no. 3., p. 21–42.
51	Anvil Mining Ltd., 2009a, Annual information form for the financial year ended Dec. 31, 2008 [dated March 31, 2009]: Anvil Mining Ltd. Annual Information Form, 67 p., accessed October 4, 2010, at <a href="http://www.anvilmining.com/files/090331%20AIF%202008%20_clean_(1).pdf">http://www.anvilmining.com/files/090331%20AIF%202008%20_clean_(1).pdf</a> .
52	Anvil Mining Ltd., 2009b, Exploration, Mutoshi: Anvil Mining Ltd. Web Page, accessed August 17, 2009, at <a href="http://www.anvilmining.com/go/exploration/drc/kolwezi/mutoshi">http://www.anvilmining.com/go/exploration/drc/kolwezi/mutoshi</a> .



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RefNo	Deposit Reference
53	Anvil Mining Ltd., 2009c, Operations, Mutoshi: Anvil Mining Ltd. Web Page, accessed August 17, 2009, at <a href="http://www.anvilmining.com/go/operations/kulu">http://www.anvilmining.com/go/operations/kulu</a> .
73	Anvil Mining Ltd., 2006c, Mutoshi Project: Anvil Mining Ltd. Fact Sheet, accessed January 16, 2010 at <a href="http://www.anvilmining.com/files/200609-factsheet-mutoshi.pdf">http://www.anvilmining.com/files/200609-factsheet-mutoshi.pdf</a> .
78	Cox, D.P., Lindsey, D.A., Singer, D.A., and Diggles, M.F., 2003, revised 2007, Sediment-hosted copper deposits of the world—Deposit models and database: U.S. Geological Survey Open-File Report 2003-107 version 1.1, 50 p. (Also available online at <a href="http://pubs.usgs.gov/of/2003/of03-107/">http://pubs.usgs.gov/of/2003/of03-107/</a> .)

ResID	39	DeplD	20	Subpart	Mutoshi stratiform Cu-Co
Resource Category	production	Resource Standard	NA		
Year(s)	1960-1987	ASCu grade		Ag grade	
Ore (mt)		Cu grade		ASCu amount	
	5,950,000	Co grade		Ag amount	
			4.93	Cu equivalent	
			0.3	Au grade	
		Cu amount		Au amount	
		Co amount			
			293,335		
			17,850		
		Reference Page	73		

RefNo	Resources Reference
73	Anvil Mining Ltd., 2006c, Mutoshi Project: Anvil Mining Ltd. Fact Sheet, accessed January 16, 2010 at <a href="http://www.anvilmining.com/files/200609-factsheet-mutoshi.pdf">http://www.anvilmining.com/files/200609-factsheet-mutoshi.pdf</a> .

ResID	40	DeplD	20	Subpart	Mutoshi stratiform Cu-Co (remaining resources)
Resource Category	resource	Resource Standard			
Year(s)	2006	ASCu grade		Ag grade	
Ore (mt)		Cu grade		ASCu amount	
	4,480,000	Co grade		Ag amount	
			3.2	Cu equivalent	
			0.3	Au grade	

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Cu amount 143,360 Co amount 13,440 Cu cutoff Au amount  
Reference Page 73

RefNo Resources Reference

73 Anvil Mining Ltd., 2006c, Mutoshi Project: Anvil Mining Ltd. Fact Sheet, accessed January 16, 2010 at <http://www.anvilmining.com/files/200609-factsheet-mutoshi.pdf>.

ResID 41 DepID 20 Subpart Mutoshi stratiform Cu-Co (stockpile in pit)

Resource Category resource Resource Standard

Year(s) 2006 ASCu grade Ag grade

Ore (mt) Cu grade Co grade ASCu amount Ag amount

335,000 4.5 0.43 Cu equivalent Au grade

Cu amount Co amount Cu cutoff Au amount

15,075 1,444

Reference Page 73

RefNo Resources Reference

73 Anvil Mining Ltd., 2006c, Mutoshi Project: Anvil Mining Ltd. Fact Sheet, accessed January 16, 2010 at <http://www.anvilmining.com/files/200609-factsheet-mutoshi.pdf>.

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Group Name	<input type="text" value="Kamfundwa"/>	DepID	<input type="text" value="21"/>	MRDS	<input type="text" value="10183294"/>
Deposit Name	<input type="text" value="Kamfundwa"/>	Property	<input type="text" value="Kamfundwa"/>		
Total Endowment		Latitude	<input type="text" value="-10.8137"/>	Longitude	<input type="text" value="26.5862"/>
DepID	Ore(mt)	Cu(pct)	Co(pct)	Country	<input type="text" value="Democratic Republic of the Congo"/>
21	26,800,000	2.72	0.200	Province	<input type="text" value="Katanga"/>
Other Names	<input type="text"/>				
Includes	<input type="text"/>				
Site Activity	<input type="text" value="unknown"/>	Production	<input type="checkbox"/>		
Deposit Type	<input type="text" value="Sediment-hosted stratabound copper deposit"/>		DepositSubtype	<input type="text" value="Reduced-facies, carbonate ecaille"/>	

RefNo	Deposit Reference
21	Kirkham, R.V., Carrière, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: Geological Survey of Canada Open File 2915b, 256 p.
65	Harambee Mining Corp., 2000, Management discussion and analysis: Harambee Mining Corp., prepared for Crescent Resources Corp., 3 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)
77	Kirkham, Rodney, and Broughton, David, 2005, Supplement to the sediment-hosted stratiform copper ore system, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Littleton, Colorado, Society of Economic Geologists, Inc., p. 609–642.
117	Goossens, Pierre, 2007, Phoenix rising in an uncertain world—New mining activities in Katanga: Académie Royale des Sciences d'Outre-Mer, Bulletin des séances, v. 53, no. 3, p. 361–385.

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ResID	196	DepID	21	Subpart	
Resource Category	reserve			Resource Standard	None
Year(s)	2000			ASCu grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag grade	
9,750,000	4	0.3	Cu equivalent	Ag amount	
	Cu amount	Co amount	Cu cutoff	Au grade	
	390,000	29,250		Au amount	
				Reference Page	65 (p. 1)

RefNo	Resources Reference
65	Harambee Mining Corp., 2000, Management discussion and analysis: Harambee Mining Corp., prepared for Crescent Resources Corp., 3 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)

ResID	197	DepID	21	Subpart	
Resource Category	reserve			Resource Standard	None
Year(s)	2000			ASCu grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag grade	
11,750,000	1.5	0.2	Cu equivalent	Ag amount	
	Cu amount	Co amount	Cu cutoff	Au grade	
	176,250	23,500		Au amount	
				Reference Page	65 (p. 1)

RefNo	Resources Reference
65	Harambee Mining Corp., 2000, Management discussion and analysis: Harambee Mining Corp., prepared for Crescent Resources Corp., 3 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)

ResID	198	DepID	21	Subpart	stockpile
Resource Category	reserve			Resource Standard	None
Year(s)	2000			ASCu grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag grade	
300,000	4	0.3	Cu equivalent	Ag amount	
				Au grade	

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Cu amount 12,000 Co amount 900 Cu cutoff Au amount  
Reference Page 65 (p. 1)

RefNo Resources Reference

65 Harambee Mining Corp., 2000, Management discussion and analysis: Harambee Mining Corp., prepared for Crescent Resources Corp., 3 p. (Also available at <http://www.sedar.com>.)

ResID 206 DepID 21 Subpart Kamfundwa

Resource Category production Resource Standard NA

Year(s) to 1986 ASCu grade Ag grade

Ore (mt) Cu grade Co grade ASCu amount Ag amount

5,000,000 3 Cu equivalent Au grade

Cu amount Co amount Cu cutoff Au amount

150,000 Reference Page 77 (p. 7)

RefNo Resources Reference

77 Kirkham, Rodney, and Broughton, David, 2005, Supplement to the sediment-hosted stratiform copper ore system, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Littleton, Colorado, Society of Economic Geologists, Inc., p. 609–642.

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Group Name	Kabolela North and South	DepID	22	MRDS	10400562
Deposit Name	Kabolela North and South	Property	Kabolela Project		
Total Endowment		Latitude	-10.8463	Longitude	26.4788
DepID	Ore(mt)	Cu(pct)	Co(pct)		
22	11,699,762	2.31	0.501		
Other Names	Kabolela project				
Includes	Kabolela North, Kabolela South, and Kabolela Northeast				
Site Activity	unknown	Production	<input checked="" type="checkbox"/>		
Deposit Type	Sediment-hosted stratabound copper deposit	DepositSubtype	Reduced-facies, carbonate ecaille		

RefNo	Deposit Reference
21	Kirkham, R.V., Carrière, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: Geological Survey of Canada Open File 2915b, 256 p.
66	Central African Mining & Exploration plc [CAMEC], 2008a, CAMEC acquires extensive Cu & Co assets in the DRC: Central African Mining & Exploration News Release, accessed September 16, 2009 at <a href="http://investors.camec-plc.com/news-item?item=68242735399743">http://investors.camec-plc.com/news-item?item=68242735399743</a> .
67	Dewaele, S., Muchez, P., El Desouky, H., Haest, M., and Heijlen, W., 2008, Multiphase origin of the base metal deposits in the Lufilian fold-and-thrust belt, Katanga (Democratic Republic of Congo): GECO (Geology for an Economic Sustainable Development) Web Page , 74 p., accessed September 16, 2009, at <a href="http://www.gecoproject.org/pdf/Report_GECO_multiphase_origin.pdf">http://www.gecoproject.org/pdf/Report_GECO_multiphase_origin.pdf</a> .
68	Zukerman, D.N., 2005, Tiger Resources Ltd. enters into an agreement to acquire copper/cobalt projects in world class Zambia Congo copper belt: Tiger Resources Ltd. News Release, May 3, 2005, accessed April 23, 2012, at <a href="http://www.goldinvest.de/wp-content/uploads/111420051014145532.pdf">http://www.goldinvest.de/wp-content/uploads/111420051014145532.pdf</a> .
71	Huderek, Richard, 2008a, Katangan Copperbelt: Google Earth KML file, accessed July-September 2009 and Oct. 2010, at <a href="http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml">http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml</a> .
78	Cox, D.P., Lindsey, D.A., Singer, D.A., and Diggles, M.F., 2003, revised 2007, Sediment-hosted copper deposits of the world—Deposit models and database: U.S. Geological Survey Open-File Report 2003-107 version 1.1, 50 p. (Also available online at <a href="http://pubs.usgs.gov/of/2003/of03-107/">http://pubs.usgs.gov/of/2003/of03-107/</a> .)

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ResID	199	DepID	22	Subpart	
Resource Category	indicated+inferred			Resource Standard	SAMREC
Year(s)	2008			ASCu grade	
				Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount	
10,820,000	2.26	0.41			
			Cu equivalent	Au grade	
	Cu amount	Co amount	Cu cutoff	Au amount	
			Reference Page	66	

RefNo	Resources Reference
66	Central African Mining & Exploration plc [CAMEC], 2008a, CAMEC acquires extensive Cu & Co assets in the DRC: Central African Mining & Exploration News Release, accessed September 16, 2009 at <a href="http://investors.camec-plc.com/news-item?item=68242735399743">http://investors.camec-plc.com/news-item?item=68242735399743</a> .

ResID	200	DepID	22	Subpart	Kabolela South
Resource Category	production			Resource Standard	None
Year(s)	1939-1945			ASCu grade	
				Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount	
439,762	4.84	2.38			
			Cu equivalent	Au grade	
	Cu amount	Co amount	Cu cutoff	Au amount	
			Reference Page	68 (p. 1)	

RefNo	Resources Reference
68	Zukerman, D.N., 2005, Tiger Resources Ltd. enters into an agreement to acquire copper/cobalt projects in world class Zambia Congo copper belt: Tiger Resources Ltd. News Release, May 3, 2005, accessed April 23, 2012, at <a href="http://www.goldinvest.de/wp-content/uploads/111420051014145532.pdf">http://www.goldinvest.de/wp-content/uploads/111420051014145532.pdf</a> .

ResID	201	DepID	22	Subpart	tailings
Resource Category	other			Resource Standard	None
Year(s)	2002			ASCu grade	
				Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount	
440,000	1.1	0.85			
			Cu equivalent	Au grade	

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Cu amount

Co amount

Cu cutoff

Au amount

Reference Page 68

RefNo

Resources Reference

68 Zukerman, D.N., 2005, Tiger Resources Ltd. enters into an agreement to acquire copper/cobalt projects in world class Zambia Congo copper belt: Tiger Resources Ltd. News Release, May 3, 2005, accessed April 23, 2012, at <http://www.goldinvest.de/wp-content/uploads/111420051014145532.pdf>.



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Group Name	<input type="text" value="M'Sesa"/>	DepID	<input type="text" value="23"/>	MRDS	<input type="text" value="10079676"/>
Deposit Name	<input type="text" value="M'Sesa"/>	Property	<input type="text" value="Sesa"/>		
Total Endowment		Latitude	<input type="text" value="-10.8503"/>	Longitude	<input type="text" value="26.6099"/>
DepID	Ore(mt)	Cu(pct)	Co(pct)	Country	<input type="text" value="Democratic Republic of the Congo"/>
23	8,000,000	5.90	0.213	Province	<input type="text" value="Katanga"/>
Other Names	<input type="text" value="Msesa, Sesa"/>				
Includes	<input type="text"/>				
Site Activity	<input type="text" value="mined out"/>	Production	<input checked="" type="checkbox"/>		
Deposit Type	<input type="text" value="Sediment-hosted stratabound copper deposit"/>		DepositSubtype	<input type="text" value="Reduced-facies, carbonate ecaille"/>	

RefNo	Deposit Reference
21	Kirkham, R.V., Carrière, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: Geological Survey of Canada Open File 2915b, 256 p.
77	Kirkham, Rodney, and Broughton, David, 2005, Supplement to the sediment-hosted stratiform copper ore system, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Littleton, Colorado, Society of Economic Geologists, Inc., p. 609–642.
78	Cox, D.P., Lindsey, D.A., Singer, D.A., and Diggles, M.F., 2003, revised 2007, Sediment-hosted copper deposits of the world—Deposit models and database: U.S. Geological Survey Open-File Report 2003-107 version 1.1, 50 p. (Also available online at <a href="http://pubs.usgs.gov/of/2003/of03-107/">http://pubs.usgs.gov/of/2003/of03-107/</a> .)
117	Goossens, Pierre, 2007, Phoenix rising in an uncertain world—New mining activities in Katanga: Académie Royale des Sciences d'Outre-Mer, Bulletin des séances, v. 53, no. 3, p. 361–385.

## USGS - Central African Copperbelt Scientific Investigations Report 2010-5090-J

ResID	58	DepID	23	Subpart	
Resource Category	resource			Resource Standard	
Year(s)	2007			ASCu grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag grade	
2,000,000	5.6	0.25	Cu equivalent	Ag amount	
	Cu amount	Co amount	Cu cutoff	Au grade	
	112,000	5,000		Au amount	
Reference Page				117 (p. 370)	

## RefNo Resources Reference

117 Goossens, Pierre, 2007, Phoenix rising in an uncertain world—New mining activities in Katanga: Académie Royale des Sciences d'Outre-Mer, Bulletin des séances, v. 53, no. 3, p. 361–385.

ResID	203	DepID	23	Subpart	
Resource Category	production			Resource Standard	None
Year(s)	through 1986			ASCu grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag grade	
6,000,000	6	0.2	Cu equivalent	Ag amount	
	Cu amount	Co amount	Cu cutoff	Au grade	
	360,000			Au amount	
Reference Page				77	

## RefNo Resources Reference

77 Kirkham, Rodney, and Broughton, David, 2005, Supplement to the sediment-hosted stratiform copper ore system, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Littleton, Colorado, Society of Economic Geologists, Inc., p. 609–642.

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Group Name <input type="text" value="Kambove Principal-Kambove West"/>	DepID <input type="text" value="24"/>	MRDS <input type="text" value="10079674"/>
Deposit Name <input type="text" value="Kambove Principal"/>	Property <input type="text" value="Kambove"/>	
Total Endowment		
Latitude <input type="text" value="-10.8863"/>	Longitude <input type="text" value="26.6102"/>	
Country <input type="text" value="Democratic Republic of the Congo"/>		
Province <input type="text" value="Katanga"/>		

  

DepID	Ore(mt)	Cu(pct)	Co(pct)	
24	14,040,000	9.09		

  

Other Names <input type="text"/>
Includes <input type="text"/>
Site Activity <input type="text"/> Production <input checked="" type="checkbox"/>
Deposit Type <input type="text" value="Sediment-hosted stratabound copper deposit"/> DepositSubtype <input type="text" value="Reduced-facies, carbonate ecaille"/>

RefNo	Deposit Reference
17	Bowen, Robert, and Gunatilaka, Ananda, 1977, Copper—its geology and economics: New York, John Wiley & Sons, 366 p.
18	Cailteux, J., 1986, Diagenetic sulphide mineralization within the stratiform copper-cobalt deposit of West Kambove (Shaba-Zaire), in Friedrich, G.H., Genkin, A.D., Naldrett, A.J., Ridge, J.D., Sillitoe, R.H., and Vokes, F.M., eds., Geology and metallogeny of copper deposits, part IV, Sediment-hosted deposits—Proceedings 27th International Geological Congress, Moscow, 1984: Berlin, Springer-Verlag, p. 398–411.
21	Kirkham, R.V., Carrière, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: Geological Survey of Canada Open File 2915b, 256 p.
77	Kirkham, Rodney, and Broughton, David, 2005, Supplement to the sediment-hosted stratiform copper ore system, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Littleton, Colorado, Society of Economic Geologists, Inc., p. 609–642.
78	Cox, D.P., Lindsey, D.A., Singer, D.A., and Diggles, M.F., 2003, revised 2007, Sediment-hosted copper deposits of the world—Deposit models and database: U.S. Geological Survey Open-File Report 2003-107 version 1.1, 50 p. (Also available online at <a href="http://pubs.usgs.gov/of/2003/of03-107/">http://pubs.usgs.gov/of/2003/of03-107/</a> .)

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ResID	25	DepID	24	Subpart	Kambove Principal		
Resource Category	production			Resource Standard	NA		
Year(s)	1913-1943			ASCu grade		Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount		Ag amount		
14,040,000	9.09		Cu equivalent		Au grade		
	Cu amount	Co amount	Cu cutoff		Au amount		
			Reference Page	77			

RefNo	Resources Reference
77	Kirkham, Rodney, and Broughton, David, 2005, Supplement to the sediment-hosted stratiform copper ore system, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Littleton, Colorado, Society of Economic Geologists, Inc., p. 609–642.

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Group Name	<input type="text" value="Kamatanda"/>	DepID	<input type="text" value="25"/>	MRDS	<input type="text" value="10400566"/>
Deposit Name	<input type="text" value="Kamatanda"/>	Property	<input type="text" value="Kamatanda"/>		
Total Endowment		Latitude	<input type="text" value="-10.951"/>	Longitude	<input type="text" value="26.7727"/>
DepID	Ore(mt)	Cu(pct)	Co(pct)	Country	<input type="text" value="Democratic Republic of the Congo"/>
25	400,000	4.90		Province	<input type="text" value="Katanga"/>
Other Names	<input type="text" value="Kamtanda, COBEC"/>				
Includes	<input type="text"/>				
Site Activity	<input type="text"/>	Production	<input checked="" type="checkbox"/>		
Deposit Type	<input type="text" value="Sediment-hosted stratabound copper deposit"/>		DepositSubtype	<input type="text" value="Reduced-facies, carbonate ecaille"/>	

RefNo	Deposit Reference
18	Cailteux, J., 1986, Diagenetic sulphide mineralization within the stratiform copper-cobalt deposit of West Kambove (Shaba-Zaire), in Friedrich, G.H., Genkin, A.D., Naldrett, A.J., Ridge, J.D., Sillitoe, R.H., and Vokes, F.M., eds., Geology and metallogeny of copper deposits, part IV, Sediment-hosted deposits—Proceedings 27th International Geological Congress, Moscow, 1984: Berlin, Springer-Verlag, p. 398–411.
21	Kirkham, R.V., Carrière, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: Geological Survey of Canada Open File 2915b, 256 p.
71	Huderek, Richard, 2008a, Katangan Copperbelt: Google Earth KML file, accessed July-September 2009 and Oct. 2010, at <a href="http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml">http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml</a> .
77	Kirkham, Rodney, and Broughton, David, 2005, Supplement to the sediment-hosted stratiform copper ore system, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Littleton, Colorado, Society of Economic Geologists, Inc., p. 609–642.
117	Goossens, Pierre, 2007, Phoenix rising in an uncertain world—New mining activities in Katanga: Académie Royale des Sciences d'Outre-Mer, Bulletin des séances, v. 53, no. 3, p. 361–385.

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ResID	204	DeplD	25	Subpart	
Resource Category	resource			Resource Standard	None
Year(s)	2008	ASCu grade		Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount	
400,000	4.9		Cu equivalent	Au grade	
	Cu amount	Co amount	Cu cutoff	Au amount	
	19,600		Reference Page	71, 117 (p. 370)	

RefNo	Resources Reference
71	Huderek, Richard, 2008a, Katangan Copperbelt: Google Earth KML file, accessed July-September 2009 and Oct. 2010, at <a href="http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml">http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml</a> .
117	Goossens, Pierre, 2007, Phoenix rising in an uncertain world—New mining activities in Katanga: Académie Royale des Sciences d'Outre-Mer, Bulletin des séances, v. 53, no. 3, p. 361–385.

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Group Name	<input type="text" value="Kalongwe"/>	DepID	<input type="text" value="26"/>	MRDS	<input type="text" value="10400564"/>
Deposit Name	<input type="text" value="Kalongwe"/>	Property	<input type="text" value="Kalongwe West"/>		
Total Endowment		Latitude	<input type="text" value="-11.0181"/>	Longitude	<input type="text" value="25.2219"/>
DepID	Ore(mt)	Cu(pct)	Co(pct)	Country	<input type="text" value="Democratic Republic of the Congo"/>
26	3,000,000	5.00		Province	<input type="text" value="Katanga"/>
Other Names	<input type="text" value="Kakongwe West, Karungwe"/>				
Includes	<input type="text"/>				
Site Activity	<input type="text"/>	Production	<input type="checkbox"/>		
Deposit Type	<input type="text" value="Sediment-hosted stratabound copper deposit"/>		DepositSubtype	<input type="text" value="Reduced-facies, carbonate ecaille"/>	

RefNo	Deposit Reference
25	Oosterbosch, R., 1962, Les minéralisations dans le système de Roan au Katanga [Mineralization in the Katanga Roan System Roan] (Chapter VIII), in Lombard, J., and Nicolini, P., eds., Stratiform copper deposits in Africa, Part 1, Lithology and sedimentology: Paris, Association of African Geological Surveys, p. 71–136.
71	Huderek, Richard, 2008a, Katangan Copperbelt: Google Earth KML file, accessed July-September 2009 and Oct. 2010, at <a href="http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml">http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml</a> .
117	Goossens, Pierre, 2007, Phoenix rising in an uncertain world—New mining activities in Katanga: Académie Royale des Sciences d'Outre-Mer, Bulletin des séances, v. 53, no. 3, p. 361–385.

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ResID	86	DeplD	26	Subpart	Kalongwe West	
Resource Category	resource			Resource Standard	None	
Year(s)	unknown			ASCu grade		Ag grade
Ore (mt)	Cu grade	Co grade	ASCu amount		Ag amount	
3,000,000	5		Cu equivalent		Au grade	
	Cu amount	Co amount	Cu cutoff		Au amount	
			Reference Page	71, 117 (p. 369)		

RefNo	Resources Reference
71	Huderek, Richard, 2008a, Katangan Copperbelt: Google Earth KML file, accessed July-September 2009 and Oct. 2010, at <a href="http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml">http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml</a> .
117	Goossens, Pierre, 2007, Phoenix rising in an uncertain world—New mining activities in Katanga: Académie Royale des Sciences d'Outre-Mer, Bulletin des séances, v. 53, no. 3, p. 361–385.



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Group Name  DepID  MRDS

Deposit Name  Property

Total Endowment

DepID	Ore(mt)	Cu(pct)	Co(pct)
27	50,000,000	4.00	

Latitude  Longitude

Country

Province

Other Names

Includes

Site Activity  Production ☐

Deposit Type  DepositSubtype

RefNo	Deposit Reference
21	Kirkham, R.V., Carrière, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: Geological Survey of Canada Open File 2915b, 256 p.
77	Kirkham, Rodney, and Broughton, David, 2005, Supplement to the sediment-hosted stratiform copper ore system, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Littleton, Colorado, Society of Economic Geologists, Inc., p. 609–642.

ResID <input type="text" value="87"/>	DepID <input type="text" value="27"/>	Subpart <input type="text"/>
Resource Category <input type="text" value="reserve"/>		Resource Standard <input type="text" value="None"/>
Year(s) <input type="text" value="1986"/>	ASCu grade <input type="text"/>	Ag grade <input type="text"/>
Ore (mt) <input type="text" value="50,000,000"/>	Cu grade <input type="text" value="4"/>	Co grade <input type="text"/>
	ASCu amount <input type="text"/>	Ag amount <input type="text"/>
	Cu equivalent <input type="text"/>	Au grade <input type="text"/>
	Cu amount <input type="text" value="2,000,000"/>	Co amount <input type="text"/>
	Cu cutoff <input type="text"/>	Au amount <input type="text"/>
Reference Page <input type="text" value="77"/>		

RefNo	Resources Reference
77	Kirkham, Rodney, and Broughton, David, 2005, Supplement to the sediment-hosted stratiform copper ore system, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Littleton, Colorado, Society of Economic Geologists, Inc., p. 609–642.

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Group Name	<input type="text" value="Luishia"/>	DepID	<input type="text" value="28"/>	MRDS	<input type="text" value="10400584"/>
Deposit Name	<input type="text" value="Luishia"/>	Property	<input type="text" value="Luisha"/>		
Total Endowment		Latitude	<input type="text" value="-11.1668"/>	Longitude	<input type="text" value="27.0087"/>
DepID	Ore(mt)	Cu(pct)	Co(pct)	Country	<input type="text" value="Democratic Republic of the Congo"/>
28	49,376,615	3.16	0.401	Province	<input type="text" value="Katanga"/>
Other Names	<input type="text" value="Luishia, Luisha"/>				
Includes	<input type="text" value="Luisha and Luisha Sud"/>				
Site Activity	<input type="text"/>	Production	<input checked="" type="checkbox"/>		
Deposit Type	<input type="text" value="Sediment-hosted stratabound copper deposit"/>		DepositSubtype	<input type="text" value="Reduced-facies, carbonate ecaille"/>	

RefNo	Deposit Reference
11	Minarco-MineConsult, 2007, Independent technical review: Minarco-MineConsult Technical Report, prepared for China Railway Group, Ltd., November 23, 2007, 44p., accessed February 13, 2012, at <a href="http://guocap.com/marketSensor/IPO_Prospectuses/00390/E133.pdf">http://guocap.com/marketSensor/IPO_Prospectuses/00390/E133.pdf</a> .
12	African Metals Corporation, 2010, African Metals Corporation exceeds initial projected targets with its maiden resource at the Luisha South Project, Katanga Province, Democratic Republic of Congo: African Metals Corporation Press Release, October 18, 2010, accessed June 8, 2011, at <a href="http://www.goldinvest.de/wp-content/uploads/African_Metals_Press_Release_18Oct2010_e.pdf">http://www.goldinvest.de/wp-content/uploads/African_Metals_Press_Release_18Oct2010_e.pdf</a> .
13	African Metals Corporation, 2011b, Discovering and developing copper & cobalt projects in the world renowned Copper Belt of the Democratic Republic of Congo: African Metals Corporation Presentation, 19 p., accessed June 9, 2011, at <a href="http://www.goldinvest.de/wp-content/uploads/African_Metals_Corporate_Presentation_June_2010.pdf">http://www.goldinvest.de/wp-content/uploads/African_Metals_Corporate_Presentation_June_2010.pdf</a> .
18	Cailteux, J., 1986, Diagenetic sulphide mineralization within the stratiform copper-cobalt deposit of West Kambove (Shaba-Zaire), in Friedrich, G.H., Genkin, A.D., Naldrett, A.J., Ridge, J.D., Sillitoe, R.H., and Vokes, F.M., eds., Geology and metallogeny of copper deposits, part IV, Sediment-hosted deposits—Proceedings 27th International Geological Congress, Moscow, 1984: Berlin, Springer-Verlag, p. 398–411.
21	Kirkham, R.V., Carrière, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: Geological Survey of Canada Open File 2915b, 256 p.
71	Huderek, Richard, 2008a, Katangan Copperbelt: Google Earth KML file, accessed July-September 2009 and Oct. 2010, at <a href="http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml">http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml</a> .

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RefNo	Deposit Reference
72	von Guttenberg, Reinhard, 2008, Technical report, Luisha Copper-cobalt Project, Katanga Province, Democratic Republic of the Congo: Toronto, Canada, Strathcona Mineral Services Ltd., prepared for Cresco Resources Inc., April 24, 2008, 62 p.
77	Kirkham, Rodney, and Broughton, David, 2005, Supplement to the sediment-hosted stratiform copper ore system, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Littleton, Colorado, Society of Economic Geologists, Inc., p. 609–642.
78	Cox, D.P., Lindsey, D.A., Singer, D.A., and Diggles, M.F., 2003, revised 2007, Sediment-hosted copper deposits of the world—Deposit models and database: U.S. Geological Survey Open-File Report 2003-107 version 1.1, 50 p. (Also available online at <a href="http://pubs.usgs.gov/of/2003/of03-107/">http://pubs.usgs.gov/of/2003/of03-107/</a> .)
126	East Asia Gold Corp., 1998, Bonanza grade copper cobalt mine in Africa: East Asia Gold Corp. Press Release, November 2, 1998, 3 p.

ResID	49	DepID	28	Subpart	Luisha-Cimco (central pit)			
Resource Category	production			Resource Standard	NA			
Year(s)	1913-1948			ASCu grade		Ag grade		
Ore (mt)	Cu grade	Co grade	ASCu amount		Ag amount			
8,300,000	7.26		Cu equivalent		Au grade			
	Cu amount	Co amount	Cu cutoff		Au amount			
			Reference Page	126				

  

RefNo	Resources Reference
126	East Asia Gold Corp., 1998, Bonanza grade copper cobalt mine in Africa: East Asia Gold Corp. Press Release, November 2, 1998, 3 p.

  

ResID	75	DepID	28	Subpart	Luishia South			
Resource Category	inferred			Resource Standard	CIM			
Year(s)	2011			ASCu grade		Ag grade		
Ore (mt)	Cu grade	Co grade	ASCu amount		Ag amount			
14,700,000	1.1	0.3	Cu equivalent		Au grade			

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Cu amount  Co amount  Cu cutoff  Au amount   
 Reference Page

RefNo Resources Reference

147 African Metals Corporation, 2011a, African Metals exceeds projected targets with resource update at the Luisha South Project, Katanga Province / DRC, increasing contained copper and cobalt by 114 % and 90 % respectively: African Metals Corporation News Release, August 29, 2011, accessed February 10, 2012, at [http://www.africanmetals.com/EN/investors/news\\_article.asp?y=21999&c=41&offset=](http://www.africanmetals.com/EN/investors/news_article.asp?y=21999&c=41&offset=).

ResID  DepID  Subpart   
 Resource Category  Resource Standard   
 Year(s)  ASCu grade  Ag grade   
 Ore (mt)  Cu grade  Co grade  ASCu amount  Ag amount   
 21,931,315   Cu equivalent  Au grade   
 Cu amount  Co amount  Cu cutoff  Au amount   
 Reference Page

RefNo Resources Reference

11 Minarco-MineConsult, 2007, Independent technical review: Minarco-MineConsult Technical Report, prepared for China Railway Group, Ltd., November 23, 2007, 44p., accessed February 13, 2012, at [http://guocap.com/marketSensor/IPO\\_Prospectuses/00390/E133.pdf](http://guocap.com/marketSensor/IPO_Prospectuses/00390/E133.pdf).

ResID  DepID  Subpart   
 Resource Category  Resource Standard   
 Year(s)  ASCu grade  Ag grade   
 Ore (mt)  Cu grade  Co grade  ASCu amount  Ag amount   
 4,215,300   Cu equivalent  Au grade   
 Cu amount  Co amount  Cu cutoff  Au amount   
 Reference Page

RefNo Resources Reference

11 Minarco-MineConsult, 2007, Independent technical review: Minarco-MineConsult Technical Report, prepared for China Railway Group, Ltd., November 23, 2007, 44p., accessed February 13, 2012, at [http://guocap.com/marketSensor/IPO\\_Prospectuses/00390/E133.pdf](http://guocap.com/marketSensor/IPO_Prospectuses/00390/E133.pdf).

ResID  DepID  Subpart   
 Resource Category  Resource Standard

USGS - Central African Copperbelt Scientific Investigations Report 2010-5090-J

Year(s)	1938-1942		ASCu grade		Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount		Ag amount	
230,000	10.1	2	Cu equivalent		Au grade	
	Cu amount	Co amount	Cu cutoff		Au amount	
			Reference Page	13 (p. 3)		

RefNo	Resources Reference
13	African Metals Corporation, 2011b, Discovering and developing copper & cobalt projects in the world renowned Copper Belt of the Democratic Republic of Congo: African Metals Corporation Presentation, 19 p., accessed June 9, 2011, at <a href="http://www.goldinvest.de/wp-content/uploads/African_Metals_Corporate_Presentation_June_2010.pdf">http://www.goldinvest.de/wp-content/uploads/African_Metals_Corporate_Presentation_June_2010.pdf</a> .

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Group Name  DepID  MRDS

Deposit Name  Property

Total Endowment

Latitude  Longitude

Country

Province

DepID	Ore(mt)	Cu(pct)	Co(pct)
29	2,700,000	4.30	

Other Names

Includes

Site Activity  Production ☐

Deposit Type  DepositSubtype

RefNo	Deposit Reference
21	Kirkham, R.V., Carrière, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: Geological Survey of Canada Open File 2915b, 256 p.
117	Goossens, Pierre, 2007, Phoenix rising in an uncertain world—New mining activities in Katanga: Académie Royale des Sciences d'Outre-Mer, Bulletin des séances, v. 53, no. 3, p. 361–385.

ResID <input type="text" value="28"/>	DepID <input type="text" value="29"/>	Subpart <input type="text" value="(remaining resources)"/>	
Resource Category <input type="text" value="resource"/>		Resource Standard <input type="text"/>	
Year(s) <input type="text" value="1980s"/>	ASCu grade <input type="text"/>	Ag grade <input type="text"/>	
Ore (mt) <input type="text" value="2,700,000"/>	Cu grade <input type="text" value="4.3"/>	ASCu amount <input type="text"/>	Ag amount <input type="text"/>
	Co grade <input type="text"/>	Cu equivalent <input type="text"/>	Au grade <input type="text"/>
	Cu amount <input type="text"/>	Cu cutoff <input type="text"/>	Au amount <input type="text"/>
	Co amount <input type="text"/>		
		Reference Page <input type="text" value="117 (p. 371)"/>	

  

RefNo	Resources Reference
117	Goossens, Pierre, 2007, Phoenix rising in an uncertain world—New mining activities in Katanga: Académie Royale des Sciences d'Outre-Mer, Bulletin des séances, v. 53, no. 3, p. 361–385.

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Group Name	<input type="text" value="Lupoto"/>	DepID	<input type="text" value="30"/>	MRDS	<input type="text" value="10400588"/>
Deposit Name	<input type="text" value="Lupoto"/>	Property	<input type="text" value="Kalumines property-Lupoto copper project"/>		
Total Endowment		Latitude	<input type="text" value="-11.5993"/>	Longitude	<input type="text" value="27.2631"/>
DepID	Ore(mt)	Cu(pct)	Co(pct)		
30	37,152,000	2.63			
Other Names	<input type="text" value="Lupato"/>				
Includes	<input type="text" value="Lupoto"/>				
Site Activity	<input type="text" value="active"/>	Production	<input type="checkbox"/>		
Deposit Type	<input type="text" value="Sediment-hosted stratabound copper deposit"/>		DepositSubtype	<input type="text" value="Reduced-facies, carbonate ecaille"/>	

RefNo	Deposit Reference
10	African Rainbow Minerals Ltd., 2010, Mineral resources and reserves 2010: African Rainbow Minerals Ltd. Mineral Resources and Reserves, 31 p., accessed May 13, 2011, at <a href="http://www.arm.co.za/im/files/annual/2010/f/ARM_resources_reserves_2010.pdf">http://www.arm.co.za/im/files/annual/2010/f/ARM_resources_reserves_2010.pdf</a> .
21	Kirkham, R.V., Carrière, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: Geological Survey of Canada Open File 2915b, 256 p.
54	Simposya, V.M., 2008, Technical report on the mineral resources for the Lupoto Copper Project, Democratic Republic of Congo: SRK Consulting Report No. 387987, prepared for Teal Exploration and Mining Inc., October, 2008, 43 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)
64	TEAL Exploration and Mining Inc., 2008a, Annual Information Form: TEAL Exploration and Mining Inc. Annual Information Form as at June 30, 2008 [filed Sept. 9, 2008], 80 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)
78	Cox, D.P., Lindsey, D.A., Singer, D.A., and Diggles, M.F., 2003, revised 2007, Sediment-hosted copper deposits of the world—Deposit models and database: U.S. Geological Survey Open-File Report 2003-107 version 1.1, 50 p. (Also available online at <a href="http://pubs.usgs.gov/of/2003/of03-107/">http://pubs.usgs.gov/of/2003/of03-107/</a> .)
88	Verbeek, Julian, Lomberg, Ken, and Rupprecht, Steven, 2005, Independent technical report on the Central African Mineral properties of TEAL Exploration and Mining Inc.: RSG Global Job No. JARM03, prepared for TEAL Exploration and Mining Inc., Sept. 16, 2005, 181 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)

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ResID	81	DepID	30	Subpart	
Resource Category	production			Resource Standard	
Year(s)	artisanal			ASCu grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag grade	
2,000	25		Cu equivalent	Ag amount	
	Cu amount	Co amount	Cu cutoff	Au grade	
				Au amount	
				Reference Page	88 (p. 66)

RefNo Resources Reference

88 Verbeek, Julian, Lomborg, Ken, and Rupprecht, Steven, 2005, Independent technical report on the Central African Mineral properties of TEAL Exploration and Mining Inc.: RSG Global Job No. JARM03, prepared for TEAL Exploration and Mining Inc., Sept. 16, 2005, 181 p. (Also available at <http://www.sedar.com>.)

ResID	82	DepID	30	Subpart	
Resource Category	production			Resource Standard	
Year(s)	2008			ASCu grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag grade	
2,250,000	4.5		Cu equivalent	Ag amount	
	Cu amount	Co amount	Cu cutoff	Au grade	
				Au amount	
				Reference Page	10 (p. 29)

RefNo Resources Reference

10 African Rainbow Minerals Ltd., 2010, Mineral resources and reserves 2010: African Rainbow Minerals Ltd. Mineral Resources and Reserves, 31 p., accessed May 13, 2011, at [http://www.arm.co.za/im/files/annual/2010/f/ARM\\_resources\\_reserves\\_2010.pdf](http://www.arm.co.za/im/files/annual/2010/f/ARM_resources_reserves_2010.pdf).

ResID	84	DepID	30	Subpart	Lupoto
Resource Category	indicated			Resource Standard	
Year(s)	2010			ASCu grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag grade	
30,700,000	2.53		Cu equivalent	Ag amount	
				Au grade	



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Cu amount 780,000 Co amount Cu cutoff Au amount  
Reference Page 10 (p. 29)

RefNo	Resources Reference
10	African Rainbow Minerals Ltd., 2010, Mineral resources and reserves 2010: African Rainbow Minerals Ltd. Mineral Resources and Reserves, 31 p., accessed May 13, 2011, at <a href="http://www.arm.co.za/im/files/annual/2010/f/ARM_resources_reserves_2010.pdf">http://www.arm.co.za/im/files/annual/2010/f/ARM_resources_reserves_2010.pdf</a> .

ResID 85 DepID 30 Subpart Lupoto  
Resource Category inferred Resource Standard  
Year(s) 2010 ASCu grade Ag grade  
Ore (mt) Cu grade Co grade ASCu amount Ag amount  
4,200,000 2.33  
Cu amount Co amount Cu cutoff Au amount  
100,000  
Reference Page 10 (p. 29)

RefNo	Resources Reference
10	African Rainbow Minerals Ltd., 2010, Mineral resources and reserves 2010: African Rainbow Minerals Ltd. Mineral Resources and Reserves, 31 p., accessed May 13, 2011, at <a href="http://www.arm.co.za/im/files/annual/2010/f/ARM_resources_reserves_2010.pdf">http://www.arm.co.za/im/files/annual/2010/f/ARM_resources_reserves_2010.pdf</a> .

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Group Name	<input type="text" value="Etoile"/>	DepID	<input type="text" value="31"/>	MRDS	<input type="text" value="10400556"/>
Deposit Name	<input type="text" value="Etoile"/>	Property	<input type="text" value="Ruashi-Etoile"/>		
Total Endowment		Latitude	<input type="text" value="-11.6354"/>	Longitude	<input type="text" value="27.5841"/>
DepID	Ore(mt)	Cu(pct)	Co(pct)	Country	<input type="text" value="Democratic Republic of the Congo"/>
31	29,697,862	4.32	0.312	Province	<input type="text" value="Katanga"/>
Other Names	<input type="text" value="l'Etoile, Star of the Congo"/>				
Includes	<input type="text"/>				
Site Activity	<input type="text"/>	Production	<input type="checkbox"/>		
Deposit Type	<input type="text" value="Sediment-hosted stratabound copper deposit"/>		DepositSubtype	<input type="text" value="Reduced-facies, carbonate ecaille"/>	

RefNo	Deposit Reference
21	Kirkham, R.V., Carrière, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: Geological Survey of Canada Open File 2915b, 256 p.
45	Metorex Ltd., 2008, 2008 Annual Report: Metorex Ltd. Annual Report, 125 p., accessed May 27, 2010, at <a href="http://www.metorex.co.za/downloads/annual_reports/2008/Metorex_23_Dec2008.pdf">http://www.metorex.co.za/downloads/annual_reports/2008/Metorex_23_Dec2008.pdf</a> .
77	Kirkham, Rodney, and Broughton, David, 2005, Supplement to the sediment-hosted stratiform copper ore system, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Littleton, Colorado, Society of Economic Geologists, Inc., p. 609–642.
78	Cox, D.P., Lindsey, D.A., Singer, D.A., and Diggles, M.F., 2003, revised 2007, Sediment-hosted copper deposits of the world—Deposit models and database: U.S. Geological Survey Open-File Report 2003-107 version 1.1, 50 p. (Also available online at <a href="http://pubs.usgs.gov/of/2003/of03-107/">http://pubs.usgs.gov/of/2003/of03-107/</a> .)
119	Chemaf SPRL, 2010, Our operations/reserves & resources: Chemaf SPRL Web Page, accessed May 26, 2010, at <a href="http://www.chemaf.com/reserves&amp;resources.htm">http://www.chemaf.com/reserves&amp;resources.htm</a> .
120	Shalina Resources Ltd., 2010: Chemaf SPRL: Shalina Resources Ltd. Fact Sheet, accessed May 27, 2010, at <a href="http://www.shalinareources.com/documents/Operations%20-%20Chemaf%20Factsheet.pdf">http://www.shalinareources.com/documents/Operations%20-%20Chemaf%20Factsheet.pdf</a> .

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ResID	61	DepID	31	Subpart	Etoile oxides, mixed, sulfides	
Resource Category	proved+probable			Resource Standard		
Year(s)	2009			ASCu grade		Ag grade
Ore (mt)	Cu grade	Co grade	ASCu amount		Ag amount	
14,697,862	3.63	0.63	Cu equivalent		Au grade	
	Cu amount	Co amount	Cu cutoff		Au amount	
	533,532	92,597	Reference Page	119, 120		

RefNo	Resources Reference
119	Chemaf SPRL, 2010, Our operations/reserves & resources: Chemaf SPRL Web Page, accessed May 26, 2010, at <a href="http://www.chemaf.com/reserves&amp;resources.htm">http://www.chemaf.com/reserves&amp;resources.htm</a> .
120	Shalina Resources Ltd., 2010: Chemaf SPRL: Shalina Resources Ltd. Fact Sheet, accessed May 27, 2010, at <a href="http://www.shalinareources.com/documents/Operations%20-%20Chemaf%20Factsheet.pdf">http://www.shalinareources.com/documents/Operations%20-%20Chemaf%20Factsheet.pdf</a> .

ResID	62	DepID	31	Subpart	Etoile	
Resource Category	production			Resource Standard	NA	
Year(s)	to 1986			ASCu grade		Ag grade
Ore (mt)	Cu grade	Co grade	ASCu amount		Ag amount	
15,000,000	5		Cu equivalent		Au grade	
	Cu amount	Co amount	Cu cutoff		Au amount	
	750,000		Reference Page	77		

RefNo	Resources Reference
77	Kirkham, Rodney, and Broughton, David, 2005, Supplement to the sediment-hosted stratiform copper ore system, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Littleton, Colorado, Society of Economic Geologists, Inc., p. 609–642.

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Group Name <input type="text" value="Kipapila"/>	DepID <input type="text" value="32"/>	MRDS <input type="text" value="10400576"/>
Deposit Name <input type="text" value="Kipapila"/>	Property <input type="text" value="Kimpe/Kipapila"/>	
Total Endowment		
Latitude <input type="text" value="-12.0173"/>	Longitude <input type="text" value="27.9023"/>	
Country <input type="text" value="Democratic Republic of the Congo"/>		
Province <input type="text" value="Katanga"/>		

DepID	Ore(mt)	Cu(pct)	Co(pct)
32	2,600,000	4.40	0.540

Other Names

Includes

Site Activity  Production ☐

Deposit Type  DepositSubtype

RefNo	Deposit Reference
20	François, Armand, 1974, Stratigraphie, tectonique et minéralisations dans l'arc cuprifère du Shaba (République du Zaïre) [Stratigraphy, tectonics and mineralizations in the Shaba copper-bearing arc (Republic of Zaire)] in Bartholomé, Paul, ed., Gisements stratiformes et provinces cuprifères [Stratiform deposits and cupriferous provinces]: Liège, Belgium, La Société Géologique de Belgique, p. 79–101.
22	Lefebvre, J.J., 1989, Depositional environment of copper-cobalt mineralization in the Katangan sediments of southeast Shaba, Zaire, in Boyle, R.W., Brown, A.C., Jefferson, C.W., Jowett, E.C., and Kirkham, R.V. eds., Sediment-hosted stratiform copper deposits: Geological Association of Canada Special Paper 36, p. 401–426.
117	Goossens, Pierre, 2007, Phoenix rising in an uncertain world—New mining activities in Katanga: Académie Royale des Sciences d'Outre-Mer, Bulletin des séances, v. 53, no. 3, p. 361–385.

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ResID	88	DeplD	32	Subpart	
Resource Category	resource			Resource Standard	
Year(s)	2007			ASCu grade	
				Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount	
2,600,000	4.4	0.54			
			Cu equivalent	Au grade	
	Cu amount	Co amount	Cu cutoff	Au amount	
	114,400				
			Reference Page	117 (p. 370)	

RefNo	Resources Reference
117	Goossens, Pierre, 2007, Phoenix rising in an uncertain world—New mining activities in Katanga: Académie Royale des Sciences d'Outre-Mer, Bulletin des séances, v. 53, no. 3, p. 361–385.

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Group Name  DepID  MRDS

Deposit Name  Property

Total Endowment

DepID	Ore(mt)	Cu(pct)	Co(pct)
33	111,900,000	2.11	

Latitude  Longitude

Country

Province

Other Names

Includes

Site Activity  Production ☐

Deposit Type  DepositSubtype

RefNo	Deposit Reference
21	Kirkham, R.V., Carrière, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: Geological Survey of Canada Open File 2915b, 256 p.
22	Lefebvre, J.J., 1989, Depositional environment of copper-cobalt mineralization in the Katangan sediments of southeast Shaba, Zaire, in Boyle, R.W., Brown, A.C., Jefferson, C.W., Jowett, E.C., and Kirkham, R.V. eds., Sediment-hosted stratiform copper deposits: Geological Association of Canada Special Paper 36, p. 401–426.
30	Richards, J.P., Krogh, T.E., and Spooner, E.T.C., 1988, Fluid inclusion characteristics and U-Pb rutile age of late hydrothermal alteration and veining at the Musoshi stratiform copper deposit, Central African Copper Belt, Zaire: Economic Geology, v. 83, p. 118–139.
45	Metorex Ltd., 2008, 2008 Annual Report: Metorex Ltd. Annual Report, 125 p., accessed May 27, 2010, at <a href="http://www.metorex.co.za/downloads/annual_reports/2008/Metorex_23_Dec2008.pdf">http://www.metorex.co.za/downloads/annual_reports/2008/Metorex_23_Dec2008.pdf</a> .
77	Kirkham, Rodney, and Broughton, David, 2005, Supplement to the sediment-hosted stratiform copper ore system, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Littleton, Colorado, Society of Economic Geologists, Inc., p. 609–642.
82	Selley, David, Broughton, David, Scott, Robert, Hitzman, Murray, Bull, S.W., Large, R.R., McGoldrick, P.J., Croaker, Mawson, Pollington, Nicky, and Barra, Fernando, 2005, A new look at the geology of the Zambian Copperbelt, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Society of Economic Geologists, Littleton, Colo., United States, p. 965–1000.

RefNo	Deposit Reference
117	Goossens, Pierre, 2007, Phoenix rising in an uncertain world—New mining activities in Katanga: Académie Royale des Sciences d'Outre-Mer, Bulletin des séances, v. 53, no. 3, p. 361–385.

ResID	210	DeplD	33	Subpart	Musoshi
Resource Category	reserve	Resource Standard			
Year(s)	1996	ASCu grade		Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount	
111,900,000	2.11		Cu equivalent	Au grade	
	Cu amount	Co amount	Cu cutoff	Au amount	
			Reference Page	77, 82	

RefNo	Resources Reference
77	Kirkham, Rodney, and Broughton, David, 2005, Supplement to the sediment-hosted stratiform copper ore system, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Littleton, Colorado, Society of Economic Geologists, Inc., p. 609–642.
82	Selley, David, Broughton, David, Scott, Robert, Hitzman, Murray, Bull, S.W., Large, R.R., McGoldrick, P.J., Croaker, Mawson, Pollington, Nicky, and Barra, Fernando, 2005, A new look at the geology of the Zambian Copperbelt, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Society of Economic Geologists, Littleton, Colo., United States, p. 965–1000.

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Group Name	<input type="text" value="Kinsenda"/>	DepID	<input type="text" value="34"/>	MRDS	<input type="text" value="10079678"/>
Deposit Name	<input type="text" value="Kinsenda"/>	Property	<input type="text" value="Kinsenda"/>		
Total Endowment		Latitude	<input type="text" value="-12.2614"/>	Longitude	<input type="text" value="27.9655"/>
DepID	Ore(mt)	Cu(pct)	Co(pct)	Country	<input type="text" value="Democratic Republic of the Congo"/>
34	35,000,000	5.50		Province	<input type="text" value="Katanga"/>
Other Names	<input type="text"/>				
Includes	<input type="text"/>				
Site Activity	<input type="text" value="development"/>	Production	<input type="checkbox"/>		
Deposit Type	<input type="text" value="Sediment-hosted stratabound copper deposit"/>		DepositSubtype	<input type="text" value="Sandstone copper, Roan arenite"/>	

RefNo	Deposit Reference
21	Kirkham, R.V., Carrière, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: Geological Survey of Canada Open File 2915b, 256 p.
22	Lefebvre, J.J., 1989, Depositional environment of copper-cobalt mineralization in the Katangan sediments of southeast Shaba, Zaire, in Boyle, R.W., Brown, A.C., Jefferson, C.W., Jowett, E.C., and Kirkham, R.V. eds., Sediment-hosted stratiform copper deposits: Geological Association of Canada Special Paper 36, p. 401–426.
45	Metorex Ltd., 2008, 2008 Annual Report: Metorex Ltd. Annual Report, 125 p., accessed May 27, 2010, at <a href="http://www.metorex.co.za/downloads/annual_reports/2008/Metorex_23_Dec2008.pdf">http://www.metorex.co.za/downloads/annual_reports/2008/Metorex_23_Dec2008.pdf</a> .
77	Kirkham, Rodney, and Broughton, David, 2005, Supplement to the sediment-hosted stratiform copper ore system, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Littleton, Colorado, Society of Economic Geologists, Inc., p. 609–642.
78	Cox, D.P., Lindsey, D.A., Singer, D.A., and Diggles, M.F., 2003, revised 2007, Sediment-hosted copper deposits of the world—Deposit models and database: U.S. Geological Survey Open-File Report 2003-107 version 1.1, 50 p. (Also available online at <a href="http://pubs.usgs.gov/of/2003/of03-107/">http://pubs.usgs.gov/of/2003/of03-107/</a> .)
122	Coakley, G.J., 1974, The mineral industry of Zaire: U.S. Bureau of Mines Minerals Yearbook, 1974, v. 3, p. 1041–1046.



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ResID	24	DepID	34	Subpart	(endowment estimate)	
Resource Category	total endowment			Resource Standard		
Year(s)	2008			ASCu grade		Ag grade
Ore (mt)	Cu grade	Co grade	ASCu amount		Ag amount	
35,000,000	5.5		Cu equivalent		Au grade	
	Cu amount	Co amount	Cu cutoff		Au amount	
	1,925,000		Reference Page	122		

RefNo	Resources Reference
122	Coakley, G.J., 1974, The mineral industry of Zaire: U.S. Bureau of Mines Minerals Yearbook, 1974, v. 3, p. 1041–1046.

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Group Name  DepID  MRDS

Deposit Name  Property

Total Endowment

Latitude  Longitude

DepID	Ore(mt)	Cu(pct)	Co(pct)
35	9,846,812	2.72	0.784

Country

Province

Other Names

Includes

Site Activity  Production ☒

Deposit Type  DepositSubtype

RefNo	Deposit Reference
33	Hearne, J., and Verbeek, J., 2006, Kalukundi Project Technical Report, June, 2006: RSG Global Job No. JKAL03, prepared for Africo Resources Ltd., March 24, 2006, 151 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)

ResID  DepID  Subpart

Resource Category  Resource Standard

Year(s)  ASCu grade  Ag grade

Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount
<input type="text" value="127,500"/>	<input type="text" value="1.75"/>	<input type="text" value="0.83"/>	<input type="text"/>	<input type="text"/>

Cu equivalent  Au grade

Cu amount  Co amount  Cu cutoff  Au amount

Reference Page

RefNo	Resources Reference
33	Hearne, J., and Verbeek, J., 2006, Kalukundi Project Technical Report, June, 2006: RSG Global Job No. JKAL03, prepared for Africo Resources Ltd., March 24, 2006, 151 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)

ResID  DepID  Subpart

Resource Category  Resource Standard

Year(s)  ASCu grade  Ag grade

Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount
<input type="text" value="3,508,430"/>	<input type="text" value="2.39"/>	<input type="text" value="0.83"/>	<input type="text"/>	<input type="text"/>

Cu equivalent  Au grade

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Cu amount	Co amount	Cu cutoff	1.5	Au amount
84,020	29,198			

Reference Page 33 (p. 63)

## RefNo Resources Reference

33 Hearne, J., and Verbeek, J., 2006, Kalukundi Project Technical Report, June, 2006: RSG Global Job No. JKAL03, prepared for Africo Resources Ltd., March 24, 2006, 151 p. (Also available at <http://www.sedar.com.>)

ResID 91 DepID 35 Subpart

Resource Category indicated Resource Standard CIM

Year(s) 2006 ASCu grade Ag grade

Ore (mt) Cu grade Co grade ASCu amount Ag amount

729,214 2.44 0.88 Cu equivalent Au grade

Cu amount Co amount Cu cutoff 1.5 Au amount

17,764 6,427

Reference Page 33 (p. 64)

## RefNo Resources Reference

33 Hearne, J., and Verbeek, J., 2006, Kalukundi Project Technical Report, June, 2006: RSG Global Job No. JKAL03, prepared for Africo Resources Ltd., March 24, 2006, 151 p. (Also available at <http://www.sedar.com.>)

ResID 92 DepID 35 Subpart

Resource Category inferred Resource Standard CIM

Year(s) 2006 ASCu grade Ag grade

Ore (mt) Cu grade Co grade ASCu amount Ag amount

5,481,668 2.99 0.74 Cu equivalent Au grade

Cu amount Co amount Cu cutoff 1.5 Au amount

164,077 40,797

Reference Page 33 (p. 65)

## RefNo Resources Reference

33 Hearne, J., and Verbeek, J., 2006, Kalukundi Project Technical Report, June, 2006: RSG Global Job No. JKAL03, prepared for Africo Resources Ltd., March 24, 2006, 151 p. (Also available at <http://www.sedar.com.>)

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Group Name  DepID  MRDS

Deposit Name  Property

Total Endowment

DepID	Ore(mt)	Cu(pct)	Co(pct)
36	4,685,813	2.42	0.573

Latitude  Longitude

Country

Province

Other Names

Includes

Site Activity  Production ☐

Deposit Type  DepositSubtype

RefNo	Deposit Reference
33	Hearne, J., and Verbeek, J., 2006, Kalukundi Project Technical Report, June, 2006: RSG Global Job No. JKAL03, prepared for Africo Resources Ltd., March 24, 2006, 151 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)
34	Africo Resources Ltd., 2009, Annual information form for the fiscal year ended Dec. 31, 2008 [dated March 25, 2009]: Africo Resources Ltd. Annual Information Form, 37 p.
35	Harwood, A., 2008, Management's discussion & analysis for the year ended Dec. 31, 2007: Africo Resources Ltd., 14 p., accessed at <a href="http://www.africoresources.com/ir/files/mda/ARL_MDA_31Dec2007.pdf">http://www.africoresources.com/ir/files/mda/ARL_MDA_31Dec2007.pdf</a> .
71	Huderek, Richard, 2008a, Katangan Copperbelt: Google Earth KML file, accessed July-September 2009 and Oct. 2010, at <a href="http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml">http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml</a> .

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ResID	93	DepID	36	Subpart	
Resource Category	inferred			Resource Standard	CIM
Year(s)	2006			ASCu grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag grade	
2,936,672	2.4	0.59	Cu equivalent	Ag amount	
	Cu amount	Co amount	Cu cutoff	Au grade	
	70,346	17,471	1.5	Au amount	
			Reference Page	33 (p. 65)	

## RefNo Resources Reference

33 Hearne, J., and Verbeek, J., 2006, Kalukundi Project Technical Report, June, 2006: RSG Global Job No. JKAL03, prepared for Africo Resources Ltd., March 24, 2006, 151 p. (Also available at <http://www.sedar.com>.)

ResID	94	DepID	36	Subpart	
Resource Category	indicated			Resource Standard	CIM
Year(s)	2006			ASCu grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag grade	
282,610	1.79	0.62	Cu equivalent	Ag amount	
	Cu amount	Co amount	Cu cutoff	Au grade	
	5,056	1,762	1.5	Au amount	
			Reference Page	33 (p. 64)	

## RefNo Resources Reference

33 Hearne, J., and Verbeek, J., 2006, Kalukundi Project Technical Report, June, 2006: RSG Global Job No. JKAL03, prepared for Africo Resources Ltd., March 24, 2006, 151 p. (Also available at <http://www.sedar.com>.)

ResID	95	DepID	36	Subpart	
Resource Category	measured			Resource Standard	CIM
Year(s)	2006			ASCu grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag grade	
1,466,531	2.58	0.53	Cu equivalent	Ag amount	
				Au grade	

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Cu amount 37,781 Co amount 7,770 Cu cutoff 1.5 Au amount

Reference Page 33 (p. 63)

RefNo

Resources Reference

33 Hearne, J., and Verbeek, J., 2006, Kalukundi Project Technical Report, June, 2006: RSG Global Job No. JKAL03, prepared for Africo Resources Ltd., March 24, 2006, 151 p. (Also available at <http://www.sedar.com>.)

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Group Name  DepID  MRDS

Deposit Name  Property

Total Endowment

DepID	Ore(mt)	Cu(pct)	Co(pct)
37	8,277,661	2.39	0.392

Latitude  Longitude

Country

Province

Other Names

Includes

Site Activity  Production ☐

Deposit Type  DepositSubtype

RefNo	Deposit Reference
33	Hearne, J., and Verbeek, J., 2006, Kalukundi Project Technical Report, June, 2006: RSG Global Job No. JKAL03, prepared for Africo Resources Ltd., March 24, 2006, 151 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)
34	Africo Resources Ltd., 2009, Annual information form for the fiscal year ended Dec. 31, 2008 [dated March 25, 2009]: Africo Resources Ltd. Annual Information Form, 37 p.
35	Harwood, A., 2008, Management's discussion & analysis for the year ended Dec. 31, 2007: Africo Resources Ltd., 14 p., accessed at <a href="http://www.africoresources.com/ir/files/mda/ARL_MDA_31Dec2007.pdf">http://www.africoresources.com/ir/files/mda/ARL_MDA_31Dec2007.pdf</a> .
71	Huderek, Richard, 2008a, Katangan Copperbelt: Google Earth KML file, accessed July-September 2009 and Oct. 2010, at <a href="http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml">http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml</a> .

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ResID	96	DepID	37	Subpart	
Resource Category	inferred			Resource Standard	CIM
Year(s)	2006			ASCu grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag grade	
4,677,798	2.43	0.38	Cu equivalent	Ag amount	
	Cu amount	Co amount	Cu cutoff	Au grade	
	113,842	17,620	1.5	Au amount	
Reference Page				33 (p. 65)	

RefNo Resources Reference

33 Hearne, J., and Verbeek, J., 2006, Kalukundi Project Technical Report, June, 2006: RSG Global Job No. JKAL03, prepared for Africo Resources Ltd., March 24, 2006, 151 p. (Also available at <http://www.sedar.com>.)

ResID	97	DepID	37	Subpart	
Resource Category	indicated			Resource Standard	CIM
Year(s)	2006			ASCu grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag grade	
908,562	2.22	0.43	Cu equivalent	Ag amount	
	Cu amount	Co amount	Cu cutoff	Au grade	
	20,135	3,941	1.5	Au amount	
Reference Page				33 (p. 64)	

RefNo Resources Reference

33 Hearne, J., and Verbeek, J., 2006, Kalukundi Project Technical Report, June, 2006: RSG Global Job No. JKAL03, prepared for Africo Resources Ltd., March 24, 2006, 151 p. (Also available at <http://www.sedar.com>.)

ResID	98	DepID	37	Subpart	
Resource Category	measured			Resource Standard	CIM
Year(s)	2006			ASCu grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag grade	
2,691,301	2.39	0.4	Cu equivalent	Ag amount	
				Au grade	



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Cu amount

Co amount

Cu cutoff

1.5

Au amount

64,386

10,844

Reference Page

33 (p. 63)

RefNo

Resources Reference

33 Hearne, J., and Verbeek, J., 2006, Kalukundi Project Technical Report, June, 2006: RSG Global Job No. JKAL03, prepared for Africo Resources Ltd., March 24, 2006, 151 p. (Also available at <http://www.sedar.com>.)

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Group Name  DepID  MRDS

Deposit Name  Property

Total Endowment

DepID	Ore(mt)	Cu(pct)	Co(pct)
38	4,492,295	2.49	0.579

Latitude  Longitude

Country

Province

Other Names

Includes

Site Activity  Production ☐

Deposit Type  DepositSubtype

RefNo	Deposit Reference
33	Hearne, J., and Verbeek, J., 2006, Kalukundi Project Technical Report, June, 2006: RSG Global Job No. JKAL03, prepared for Africo Resources Ltd., March 24, 2006, 151 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)
34	Africo Resources Ltd., 2009, Annual information form for the fiscal year ended Dec. 31, 2008 [dated March 25, 2009]: Africo Resources Ltd. Annual Information Form, 37 p.
35	Harwood, A., 2008, Management's discussion & analysis for the year ended Dec. 31, 2007: Africo Resources Ltd., 14 p., accessed at <a href="http://www.africoresources.com/ir/files/mda/ARL_MDA_31Dec2007.pdf">http://www.africoresources.com/ir/files/mda/ARL_MDA_31Dec2007.pdf</a> .
71	Huderek, Richard, 2008a, Katangan Copperbelt: Google Earth KML file, accessed July-September 2009 and Oct. 2010, at <a href="http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml">http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml</a> .

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ResID	99	DepID	38	Subpart	
Resource Category	inferred			Resource Standard	CIM
Year(s)	2006			ASCu grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag grade	
1,924,535	2.45	0.6		Ag amount	
			Cu equivalent	Au grade	
			Cu cutoff	Au amount	
	47,145	11,507			
			Reference Page	33 (p. 65)	

RefNo Resources Reference

33 Hearne, J., and Verbeek, J., 2006, Kalukundi Project Technical Report, June, 2006: RSG Global Job No. JKAL03, prepared for Africo Resources Ltd., March 24, 2006, 151 p. (Also available at <http://www.sedar.com>.)

ResID	100	DepID	38	Subpart	
Resource Category	indicated			Resource Standard	CIM
Year(s)	2006			ASCu grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag grade	
585,538	2.48	0.54		Ag amount	
			Cu equivalent	Au grade	
			Cu cutoff	Au amount	
	14,497	3,161			
			Reference Page	33 (p. 64)	

RefNo Resources Reference

33 Hearne, J., and Verbeek, J., 2006, Kalukundi Project Technical Report, June, 2006: RSG Global Job No. JKAL03, prepared for Africo Resources Ltd., March 24, 2006, 151 p. (Also available at <http://www.sedar.com>.)

ResID	101	DepID	38	Subpart	
Resource Category	measured			Resource Standard	CIM
Year(s)	2006			ASCu grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag grade	
1,982,222	2.54	0.57		Ag amount	
			Cu equivalent	Au grade	

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Cu amount 50,443 Co amount 11,222 Cu cutoff 1.5 Au amount

Reference Page 33 (p. 63)

RefNo Resources Reference

33 Hearne, J., and Verbeek, J., 2006, Kalukundi Project Technical Report, June, 2006: RSG Global Job No. JKAL03, prepared for Africo Resources Ltd., March 24, 2006, 151 p. (Also available at <http://www.sedar.com>.)

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Group Name  DepID  MRDS

Deposit Name  Property

Total Endowment

DepID	Ore(mt)	Cu(pct)	Co(pct)
39	36,255,529	2.00	1.400

Latitude  Longitude

Country

Province

Other Names

Includes

Site Activity  Production ☐

Deposit Type  DepositSubtype

RefNo	Deposit Reference
36	Acheson, Denis, and Wheatley, Christopher, 2007, Technical report on the Boss Mining Project, Kakanda District, Katanga Province, Democratic Republic of the Congo, 10.5 to 11° S latitude, 26 to 27° E longitude: Behre Dolbear International Ltd. Technical Report, prepared for Central African Mining and Exploration plc, August, 2007, 33 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)
37	Chadwick, John, 2008 , CAMEC - the cobalt champion: International Mining, July 2008, p. 8-16, accessed April 18, 2012, at <a href="http://www.infomine.com/publications/docs/InternationalMining/Chadwick2008t.pdf">http://www.infomine.com/publications/docs/InternationalMining/Chadwick2008t.pdf</a> .
38	Central African Mining & Exploration plc [CAMEC], 2008b, CAMEC positive assay results received: London Stock Exchange Regulatory Story no. 0106K07, December 12, 2008, accessed at <a href="http://www.londonstockexchange.com/exchange/prices-and-news/news/market-news/market-news-detail.html?announcementId=2045763">http://www.londonstockexchange.com/exchange/prices-and-news/news/market-news/market-news-detail.html?announcementId=2045763</a> .
74	Central African Mining & Exploration plc, 2007, Central African Mining & Exploration plc [CAMEC] offer to purchase Katanga Mining Ltd., Aug. 28, 2007: London, U.K., Central African Mining & Exploration plc Press Release, 181 p., accessed July 15, 2009 at <a href="http://www.marketwire.com/press-release/Central-African-Mining-Exploration-Company-plc-CAMEC-Offer-Purchase-Katanga-Mining-764847.htm">http://www.marketwire.com/press-release/Central-African-Mining-Exploration-Company-plc-CAMEC-Offer-Purchase-Katanga-Mining-764847.htm</a> .

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ResID	102	DepID	39	Subpart	
Resource Category	resource			Resource Standard	None
Year(s)	2007		ASCu grade		Ag grade
Ore (mt)	Cu grade	Co grade	ASCu amount		Ag amount
36,255,529	2	1.4	Cu equivalent		Au grade
	Cu amount	Co amount	Cu cutoff		Au amount
	725,100	427,815			
			Reference Page	36 (p. 17)	

RefNo	Resources Reference
36	Acheson, Denis, and Wheatley, Christopher, 2007, Technical report on the Boss Mining Project, Kakanda District, Katanga Province, Democratic Republic of the Congo, 10.5 to 11° S latitude, 26 to 27° E longitude: Behre Dolbear International Ltd. Technical Report, prepared for Central African Mining and Exploration plc, August, 2007, 33 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)
74	Central African Mining & Exploration plc, 2007, Central African Mining & Exploration plc [CAMEC] offer to purchase Katanga Mining Ltd., Aug. 28, 2007: London, U.K., Central African Mining & Exploration plc Press Release, 181 p., accessed July 15, 2009 at <a href="http://www.marketwire.com/press-release/Central-African-Mining-Exploration-Company-plc-CAMEC-Offer-Purchase-Katanga-Mining-764847.htm">http://www.marketwire.com/press-release/Central-African-Mining-Exploration-Company-plc-CAMEC-Offer-Purchase-Katanga-Mining-764847.htm</a> .

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Group Name	<input type="text" value="Kakanda East-Kakanda North-Kakanda South"/>	DepID	<input type="text" value="40"/>	MRDS	<input type="text" value="10183424"/>
Deposit Name	<input type="text" value="Kakanda North"/>	Property	<input type="text" value="Boss Project"/>		
Total Endowment		Latitude	<input type="text" value="-10.7316"/>	Longitude	<input type="text" value="26.4021"/>
DepID	Ore(mt)	Cu(pct)	Co(pct)		
40	23,287,000	2.62	0.170		
Other Names	<input type="text" value="C19"/>				
Includes	<input type="text"/>				
Site Activity	<input type="text" value="active"/>	Production	<input type="checkbox"/>		
Deposit Type	<input type="text" value="Sediment-hosted stratabound copper deposit"/>	DepositSubtype	<input type="text" value="Reduced-facies, carbonate ecaille"/>		

RefNo	Deposit Reference
36	Acheson, Denis, and Wheatley, Christopher, 2007, Technical report on the Boss Mining Project, Kakanda District, Katanga Province, Democratic Republic of the Congo, 10.5 to 11° S latitude, 26 to 27° E longitude: Behre Dolbear International Ltd. Technical Report, prepared for Central African Mining and Exploration plc, August, 2007, 33 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)
38	Central African Mining & Exploration plc [CAMEC], 2008b, CAMEC positive assay results received: London Stock Exchange Regulatory Story no. 0106K07, December 12, 2008, accessed at <a href="http://www.londonstockexchange.com/exchange/prices-and-news/news/market-news/market-news-detail.html?announcementId=2045763">http://www.londonstockexchange.com/exchange/prices-and-news/news/market-news/market-news-detail.html?announcementId=2045763</a> .
39	Coates, H., Anderson, W., and McGeorge, I.M., 2008, Technical report on the Kakanda Copper-cobalt Project, Katanga province, Democratic Republic of Congo: MPH Consulting Ltd. Technical Report, prepared for Simberi Mining Corporation, 176 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)
40	Simberi Mining Corporation, 2009, Kakanda Project, conclusions: Simberi Mining Corporation Web Page, accessed July 16, 2009, at <a href="http://www.simberimining.com/properties/kakanda/kakanda_conclusion/">http://www.simberimining.com/properties/kakanda/kakanda_conclusion/</a> .
74	Central African Mining & Exploration plc, 2007, Central African Mining & Exploration plc [CAMEC] offer to purchase Katanga Mining Ltd., Aug. 28, 2007: London, U.K., Central African Mining & Exploration plc Press Release, 181 p., accessed July 15, 2009 at <a href="http://www.marketwire.com/press-release/Central-African-Mining-Exploration-Company-plc-CAMEC-Offer-Purchase-Katanga-Mining-764847.htm">http://www.marketwire.com/press-release/Central-African-Mining-Exploration-Company-plc-CAMEC-Offer-Purchase-Katanga-Mining-764847.htm</a> .

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ResID	116	DeplD	40	Subpart	
Resource Category	total endowment			Resource Standard	None
Year(s)	1997	ASCu grade		Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount	
23,287,000	2.62	0.17	Cu equivalent	Au grade	
	Cu amount	Co amount	Cu cutoff	Au amount	
			1		
			Reference Page	39 (p. viii)	

RefNo	Resources Reference
39	Coates, H., Anderson, W., and McGeorge, I.M., 2008, Technical report on the Kakanda Copper-cobalt Project, Katanga province, Democratic Republic of Congo: MPH Consulting Ltd. Technical Report, prepared for Simberi Mining Corporation, 176 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)



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Group Name  DepID  MRDS

Deposit Name  Property

Total Endowment

Latitude  Longitude

DepID	Ore(mt)	Cu(pct)	Co(pct)
41	166,000	4.03	0.460

Country

Province

Other Names

Includes

Site Activity  Production ☐

Deposit Type  DepositSubtype

RefNo	Deposit Reference
36	Acheson, Denis, and Wheatley, Christopher, 2007, Technical report on the Boss Mining Project, Kakanda District, Katanga Province, Democratic Republic of the Congo, 10.5 to 11° S latitude, 26 to 27° E longitude: Behre Dolbear International Ltd. Technical Report, prepared for Central African Mining and Exploration plc, August, 2007, 33 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)
74	Central African Mining & Exploration plc, 2007, Central African Mining & Exploration plc [CAMEC] offer to purchase Katanga Mining Ltd., Aug. 28, 2007: London, U.K., Central African Mining & Exploration plc Press Release, 181 p., accessed July 15, 2009 at <a href="http://www.marketwire.com/press-release/Central-African-Mining-Exploration-Company-plc-CAMEC-Offer-Purchase-Katanga-Mining-764847.htm">http://www.marketwire.com/press-release/Central-African-Mining-Exploration-Company-plc-CAMEC-Offer-Purchase-Katanga-Mining-764847.htm</a> .

ResID <input type="text" value="103"/>	DepID <input type="text" value="41"/>	Subpart <input type="text"/>
Resource Category <input type="text" value="inferred"/>		Resource Standard <input type="text" value="None"/>
Year(s) <input type="text" value="2007"/>	ASCu grade <input type="text"/>	Ag grade <input type="text"/>
Ore (mt) <input type="text" value="166,000"/>	Cu grade <input type="text" value="4.03"/>	Co grade <input type="text" value="0.46"/>
	ASCu amount <input type="text"/>	Ag amount <input type="text"/>
	Cu equivalent <input type="text"/>	Au grade <input type="text"/>
	Cu amount <input type="text" value="6,690"/>	Co amount <input type="text" value="764"/>
	Cu cutoff <input type="text"/>	Au amount <input type="text"/>
Reference Page <input type="text" value="36 (p. 17), 74 (p. B-16)"/>		

RefNo	Resources Reference
36	Acheson, Denis, and Wheatley, Christopher, 2007, Technical report on the Boss Mining Project, Kakanda District, Katanga Province, Democratic Republic of the Congo, 10.5 to 11° S latitude, 26 to 27° E longitude: Behre Dolbear International Ltd. Technical Report, prepared for Central African Mining and Exploration plc, August, 2007, 33 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)
74	Central African Mining & Exploration plc, 2007, Central African Mining & Exploration plc [CAMEC] offer to purchase Katanga Mining Ltd., Aug. 28, 2007: London, U.K., Central African Mining & Exploration plc Press Release, 181 p., accessed July 15, 2009 at <a href="http://www.marketwire.com/press-release/Central-African-Mining-Exploration-Company-plc-CAMEC-Offer-Purchase-Katanga-Mining-764847.htm">http://www.marketwire.com/press-release/Central-African-Mining-Exploration-Company-plc-CAMEC-Offer-Purchase-Katanga-Mining-764847.htm</a> .



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Group Name  DepID  MRDS

Deposit Name  Property

Total Endowment

DepID	Ore(mt)	Cu(pct)	Co(pct)
42	8,936,000	3.60	0.200

Latitude  Longitude

Country

Province

Other Names

Includes

Site Activity  Production ☐

Deposit Type  DepositSubtype

RefNo	Deposit Reference
36	Acheson, Denis, and Wheatley, Christopher, 2007, Technical report on the Boss Mining Project, Kakanda District, Katanga Province, Democratic Republic of the Congo, 10.5 to 11° S latitude, 26 to 27° E longitude: Behre Dolbear International Ltd. Technical Report, prepared for Central African Mining and Exploration plc, August, 2007, 33 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)
39	Coates, H., Anderson, W., and McGeorge, I.M., 2008, Technical report on the Kakanda Copper-cobalt Project, Katanga province, Democratic Republic of Congo: MPH Consulting Ltd. Technical Report, prepared for Simberi Mining Corporation, 176 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)
74	Central African Mining & Exploration plc, 2007, Central African Mining & Exploration plc [CAMEC] offer to purchase Katanga Mining Ltd., Aug. 28, 2007: London, U.K., Central African Mining & Exploration plc Press Release, 181 p., accessed July 15, 2009 at <a href="http://www.marketwire.com/press-release/Central-African-Mining-Exploration-Company-plc-CAMEC-Offer-Purchase-Katanga-Mining-764847.htm">http://www.marketwire.com/press-release/Central-African-Mining-Exploration-Company-plc-CAMEC-Offer-Purchase-Katanga-Mining-764847.htm</a> .

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ResID	104	DepID	42	Subpart	
Resource Category	inferred			Resource Standard	None
Year(s)	2007	ASCu grade		Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount	
8,936,000	3.6	0.2	Cu equivalent	Au grade	
	Cu amount	Co amount	Cu cutoff	Au amount	
	321,697	17,872			
			Reference Page	36 (p. 17), 74 (p. B-16)	

RefNo	Resources Reference
36	Acheson, Denis, and Wheatley, Christopher, 2007, Technical report on the Boss Mining Project, Kakanda District, Katanga Province, Democratic Republic of the Congo, 10.5 to 11° S latitude, 26 to 27° E longitude: Behre Dolbear International Ltd. Technical Report, prepared for Central African Mining and Exploration plc, August, 2007, 33 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)
74	Central African Mining & Exploration plc, 2007, Central African Mining & Exploration plc [CAMEC] offer to purchase Katanga Mining Ltd., Aug. 28, 2007: London, U.K., Central African Mining & Exploration plc Press Release, 181 p., accessed July 15, 2009 at <a href="http://www.marketwire.com/press-release/Central-African-Mining-Exploration-Company-plc-CAMEC-Offer-Purchase-Katanga-Mining-764847.htm">http://www.marketwire.com/press-release/Central-African-Mining-Exploration-Company-plc-CAMEC-Offer-Purchase-Katanga-Mining-764847.htm</a> .

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Group Name  DepID  MRDS

Deposit Name  Property

Total Endowment

DepID	Ore(mt)	Cu(pct)	Co(pct)
43	1,887,000	1.62	1.120

Latitude  Longitude

Country

Province

Other Names

Includes

Site Activity  Production ☐

Deposit Type  DepositSubtype

RefNo	Deposit Reference
36	Acheson, Denis, and Wheatley, Christopher, 2007, Technical report on the Boss Mining Project, Kakanda District, Katanga Province, Democratic Republic of the Congo, 10.5 to 11° S latitude, 26 to 27° E longitude: Behre Dolbear International Ltd. Technical Report, prepared for Central African Mining and Exploration plc, August, 2007, 33 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)
74	Central African Mining & Exploration plc, 2007, Central African Mining & Exploration plc [CAMEC] offer to purchase Katanga Mining Ltd., Aug. 28, 2007: London, U.K., Central African Mining & Exploration plc Press Release, 181 p., accessed July 15, 2009 at <a href="http://www.marketwire.com/press-release/Central-African-Mining-Exploration-Company-plc-CAMEC-Offer-Purchase-Katanga-Mining-764847.htm">http://www.marketwire.com/press-release/Central-African-Mining-Exploration-Company-plc-CAMEC-Offer-Purchase-Katanga-Mining-764847.htm</a> .
117	Goossens, Pierre, 2007, Phoenix rising in an uncertain world—New mining activities in Katanga: Académie Royale des Sciences d'Outre-Mer, Bulletin des séances, v. 53, no. 3, p. 361–385.

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ResID	105	DepID	43	Subpart	
Resource Category	inferred			Resource Standard	None
Year(s)	2007	ASCu grade		Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount	
1,887,000	1.62	1.12	Cu equivalent	Au grade	
	Cu amount	Co amount	Cu cutoff	Au amount	
	30,570	21,135	Reference Page	36 (p. 17), 74 (p. B-16)	

RefNo	Resources Reference
36	Acheson, Denis, and Wheatley, Christopher, 2007, Technical report on the Boss Mining Project, Kakanda District, Katanga Province, Democratic Republic of the Congo, 10.5 to 11° S latitude, 26 to 27° E longitude: Behre Dolbear International Ltd. Technical Report, prepared for Central African Mining and Exploration plc, August, 2007, 33 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)
74	Central African Mining & Exploration plc, 2007, Central African Mining & Exploration plc [CAMEC] offer to purchase Katanga Mining Ltd., Aug. 28, 2007: London, U.K., Central African Mining & Exploration plc Press Release, 181 p., accessed July 15, 2009 at <a href="http://www.marketwire.com/press-release/Central-African-Mining-Exploration-Company-plc-CAMEC-Offer-Purchase-Katanga-Mining-764847.htm">http://www.marketwire.com/press-release/Central-African-Mining-Exploration-Company-plc-CAMEC-Offer-Purchase-Katanga-Mining-764847.htm</a> .

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Group Name	<input type="text" value="Disele/Kankeru"/>	DepID	<input type="text" value="44"/>	MRDS	<input type="text" value="10400357"/>
Deposit Name	<input type="text" value="Disele/Dankeru"/>	Property	<input type="text" value="Boss Project"/>		
Total Endowment		Latitude	<input type="text" value="-10.7525"/>	Longitude	<input type="text" value="26.2544"/>
DepID	Ore(mt)	Cu(pct)	Co(pct)	Country	<input type="text" value="Democratic Republic of the Congo"/>
44	4,052,000	2.69	0.068	Province	<input type="text" value="Katanga"/>
Other Names	<input type="text" value="Disele, Kankeru, C19"/>				
Includes	<input type="text" value="Disele North, Disele South, Kankeru"/>				
Site Activity	<input type="text" value="development"/>	Production	<input type="checkbox"/>		
Deposit Type	<input type="text" value="Sediment-hosted stratabound copper deposit"/>		DepositSubtype	<input type="text" value="Reduced-facies, carbonate ecaille"/>	

RefNo	Deposit Reference
36	Acheson, Denis, and Wheatley, Christopher, 2007, Technical report on the Boss Mining Project, Kakanda District, Katanga Province, Democratic Republic of the Congo, 10.5 to 11° S latitude, 26 to 27° E longitude: Behre Dolbear International Ltd. Technical Report, prepared for Central African Mining and Exploration plc, August, 2007, 33 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)
74	Central African Mining & Exploration plc, 2007, Central African Mining & Exploration plc [CAMEC] offer to purchase Katanga Mining Ltd., Aug. 28, 2007: London, U.K., Central African Mining & Exploration plc Press Release, 181 p., accessed July 15, 2009 at <a href="http://www.marketwire.com/press-release/Central-African-Mining-Exploration-Company-plc-CAMEC-Offer-Purchase-Katanga-Mining-764847.htm">http://www.marketwire.com/press-release/Central-African-Mining-Exploration-Company-plc-CAMEC-Offer-Purchase-Katanga-Mining-764847.htm</a> .

ResID	<input type="text" value="106"/>	DepID	<input type="text" value="44"/>	Subpart	<input type="text" value="Disele South"/>
Resource Category	<input type="text" value="inferred"/>		Resource Standard	<input type="text" value="None"/>	
Year(s)	<input type="text" value="2007"/>	ASCu grade	<input type="text"/>	Ag grade	<input type="text"/>
Ore (mt)	<input type="text" value="2,629,000"/>	Cu grade	<input type="text" value="3.01"/>	Ag amount	<input type="text"/>
		Co grade	<input type="text" value="0.05"/>	Au grade	<input type="text"/>
		ASCu amount	<input type="text"/>	Au amount	<input type="text"/>
		Cu equivalent	<input type="text"/>		
		Cu amount	<input type="text" value="79,137"/>		
		Co amount	<input type="text" value="1,315"/>		
		Cu cutoff	<input type="text"/>		
Reference Page <input type="text" value="36 (p. 17), 74 (p. B-16)"/>					

  

RefNo	Resources Reference
36	Acheson, Denis, and Wheatley, Christopher, 2007, Technical report on the Boss Mining Project, Kakanda District, Katanga Province, Democratic Republic of the Congo, 10.5 to 11° S latitude, 26 to 27° E longitude: Behre Dolbear International Ltd. Technical Report, prepared for Central African Mining and Exploration plc, August, 2007, 33 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)
74	Central African Mining & Exploration plc, 2007, Central African Mining & Exploration plc [CAMEC] offer to purchase Katanga Mining Ltd., Aug. 28, 2007: London, U.K., Central African Mining & Exploration plc Press Release, 181 p., accessed July 15, 2009 at <a href="http://www.marketwire.com/press-release/Central-African-Mining-Exploration-Company-plc-CAMEC-Offer-Purchase-Katanga-Mining-764847.htm">http://www.marketwire.com/press-release/Central-African-Mining-Exploration-Company-plc-CAMEC-Offer-Purchase-Katanga-Mining-764847.htm</a> .

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ResID	<input type="text" value="107"/>	DeplD	<input type="text" value="44"/>	Subpart	<input type="text" value="Disele North"/>
Resource Category	<input type="text" value="inferred"/>			Resource Standard	<input type="text" value="None"/>
Year(s)	<input type="text" value="2007"/>			ASCu grade	<input type="text"/>
				Ag grade	<input type="text"/>
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount	<input type="text"/>
<input type="text" value="123,000"/>	<input type="text" value="2.4"/>	<input type="text" value="0.1"/>	Cu equivalent	Au grade	<input type="text"/>
	Cu amount	Co amount	Cu cutoff	Au amount	<input type="text"/>
	<input type="text" value="2,951"/>	<input type="text" value="123"/>			
				Reference Page	<input type="text" value="36 (p. B-16)"/>

RefNo	Resources Reference
36	Acheson, Denis, and Wheatley, Christopher, 2007, Technical report on the Boss Mining Project, Kakanda District, Katanga Province, Democratic Republic of the Congo, 10.5 to 11° S latitude, 26 to 27° E longitude: Behre Dolbear International Ltd. Technical Report, prepared for Central African Mining and Exploration plc, August, 2007, 33 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)

ResID	<input type="text" value="108"/>	DeplD	<input type="text" value="44"/>	Subpart	<input type="text" value="Old Disele Stocks"/>
Resource Category	<input type="text" value="inferred"/>			Resource Standard	<input type="text" value="None"/>
Year(s)	<input type="text" value="2007"/>			ASCu grade	<input type="text"/>
				Ag grade	<input type="text"/>
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount	<input type="text"/>
<input type="text" value="1,300,000"/>	<input type="text" value="2.08"/>	<input type="text" value="0.1"/>	Cu equivalent	Au grade	<input type="text"/>
	Cu amount	Co amount	Cu cutoff	Au amount	<input type="text"/>
	<input type="text" value="27,040"/>	<input type="text" value="1,300"/>			
				Reference Page	<input type="text" value="36 (p. B-16)"/>

RefNo	Resources Reference
36	Acheson, Denis, and Wheatley, Christopher, 2007, Technical report on the Boss Mining Project, Kakanda District, Katanga Province, Democratic Republic of the Congo, 10.5 to 11° S latitude, 26 to 27° E longitude: Behre Dolbear International Ltd. Technical Report, prepared for Central African Mining and Exploration plc, August, 2007, 33 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)



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Group Name	<input type="text" value="Bangwe"/>	DepID	<input type="text" value="45"/>	MRDS	<input type="text" value="10400553"/>
Deposit Name	<input type="text" value="Bangwe"/>	Property	<input type="text" value="Boss Project"/>		
Total Endowment		Latitude	<input type="text" value="-10.7289"/>	Longitude	<input type="text" value="26.3839"/>
DepID	Ore(mt)	Cu(pct)	Co(pct)	Country	<input type="text" value="Democratic Republic of the Congo"/>
45	240,000	4.30		Province	<input type="text" value="Katanga"/>
Other Names	<input type="text"/>				
Includes	<input type="text" value="Bangwe East"/>				
Site Activity	<input type="text" value="exploration"/>	Production	<input type="checkbox"/>		
Deposit Type	<input type="text" value="Sediment-hosted stratabound copper deposit"/>		DepositSubtype	<input type="text" value="Reduced-facies, carbonate ecaille"/>	

RefNo	Deposit Reference
36	Acheson, Denis, and Wheatley, Christopher, 2007, Technical report on the Boss Mining Project, Kakanda District, Katanga Province, Democratic Republic of the Congo, 10.5 to 11° S latitude, 26 to 27° E longitude: Behre Dolbear International Ltd. Technical Report, prepared for Central African Mining and Exploration plc, August, 2007, 33 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)
71	Huderek, Richard, 2008a, Katangan Copperbelt: Google Earth KML file, accessed July-September 2009 and Oct. 2010, at <a href="http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml">http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml</a> .
74	Central African Mining & Exploration plc, 2007, Central African Mining & Exploration plc [CAMEC] offer to purchase Katanga Mining Ltd., Aug. 28, 2007: London, U.K., Central African Mining & Exploration plc Press Release, 181 p., accessed July 15, 2009 at <a href="http://www.marketwire.com/press-release/Central-African-Mining-Exploration-Company-plc-CAMEC-Offer-Purchase-Katanga-Mining-764847.htm">http://www.marketwire.com/press-release/Central-African-Mining-Exploration-Company-plc-CAMEC-Offer-Purchase-Katanga-Mining-764847.htm</a> .

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ResID	109	DepID	45	Subpart	Bangwe East	
Resource Category	inferred			Resource Standard	None	
Year(s)	2007		ASCu grade		Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount		Ag amount	
240,000	4.3		Cu equivalent		Au grade	
	Cu amount	Co amount	Cu cutoff		Au amount	
	10,321		Reference Page	36 (p. 17), 74 (p. B-16)		

RefNo	Resources Reference
36	Acheson, Denis, and Wheatley, Christopher, 2007, Technical report on the Boss Mining Project, Kakanda District, Katanga Province, Democratic Republic of the Congo, 10.5 to 11° S latitude, 26 to 27° E longitude: Behre Dolbear International Ltd. Technical Report, prepared for Central African Mining and Exploration plc, August, 2007, 33 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)
74	Central African Mining & Exploration plc, 2007, Central African Mining & Exploration plc [CAMEC] offer to purchase Katanga Mining Ltd., Aug. 28, 2007: London, U.K., Central African Mining & Exploration plc Press Release, 181 p., accessed July 15, 2009 at <a href="http://www.marketwire.com/press-release/Central-African-Mining-Exploration-Company-plc-CAMEC-Offer-Purchase-Katanga-Mining-764847.htm">http://www.marketwire.com/press-release/Central-African-Mining-Exploration-Company-plc-CAMEC-Offer-Purchase-Katanga-Mining-764847.htm</a> .

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Group Name	<input type="text" value="Nundo"/>	DepID	<input type="text" value="46"/>	MRDS	<input type="text" value="10400594"/>
Deposit Name	<input type="text" value="Nundo"/>	Property	<input type="text" value="Boss Project"/>		
Total Endowment		Latitude	<input type="text" value="-10.7053"/>	Longitude	<input type="text" value="26.359"/>
DepID	Ore(mt)	Cu(pct)	Co(pct)		
46	66,000	0.78	1.000		
Other Names		<input type="text" value="Nundo, Kamikunda"/>			
Includes		<input type="text"/>			
Site Activity	<input type="text" value="unknown"/>	Production	<input type="checkbox"/>		
Deposit Type	<input type="text" value="Sediment-hosted stratabound copper deposit"/>		DepositSubtype	<input type="text" value="Reduced-facies, carbonate ecaille"/>	

RefNo	Deposit Reference
36	Acheson, Denis, and Wheatley, Christopher, 2007, Technical report on the Boss Mining Project, Kakanda District, Katanga Province, Democratic Republic of the Congo, 10.5 to 11° S latitude, 26 to 27° E longitude: Behre Dolbear International Ltd. Technical Report, prepared for Central African Mining and Exploration plc, August, 2007, 33 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)
71	Huderek, Richard, 2008a, Katangan Copperbelt: Google Earth KML file, accessed July-September 2009 and Oct. 2010, at <a href="http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml">http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml</a> .
74	Central African Mining & Exploration plc, 2007, Central African Mining & Exploration plc [CAMEC] offer to purchase Katanga Mining Ltd., Aug. 28, 2007: London, U.K., Central African Mining & Exploration plc Press Release, 181 p., accessed July 15, 2009 at <a href="http://www.marketwire.com/press-release/Central-African-Mining-Exploration-Company-plc-CAMEC-Offer-Purchase-Katanga-Mining-764847.htm">http://www.marketwire.com/press-release/Central-African-Mining-Exploration-Company-plc-CAMEC-Offer-Purchase-Katanga-Mining-764847.htm</a> .

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ResID	110	DepID	46	Subpart	
Resource Category	inferred			Resource Standard	None
Year(s)	2007	ASCu grade		Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount	
66,000	0.78	1	Cu equivalent	Au grade	
	Cu amount	Co amount	Cu cutoff	Au amount	
	511	654	Reference Page	36 (p. 17), 74 (p. B-16)	

RefNo	Resources Reference
36	Acheson, Denis, and Wheatley, Christopher, 2007, Technical report on the Boss Mining Project, Kakanda District, Katanga Province, Democratic Republic of the Congo, 10.5 to 11° S latitude, 26 to 27° E longitude: Behre Dolbear International Ltd. Technical Report, prepared for Central African Mining and Exploration plc, August, 2007, 33 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)
74	Central African Mining & Exploration plc, 2007, Central African Mining & Exploration plc [CAMEC] offer to purchase Katanga Mining Ltd., Aug. 28, 2007: London, U.K., Central African Mining & Exploration plc Press Release, 181 p., accessed July 15, 2009 at <a href="http://www.marketwire.com/press-release/Central-African-Mining-Exploration-Company-plc-CAMEC-Offer-Purchase-Katanga-Mining-764847.htm">http://www.marketwire.com/press-release/Central-African-Mining-Exploration-Company-plc-CAMEC-Offer-Purchase-Katanga-Mining-764847.htm</a> .

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Group Name  DepID  MRDS

Deposit Name  Property

Total Endowment

DepID	Ore(mt)	Cu(pct)	Co(pct)
47	82,000	2.70	0.350

Latitude  Longitude

Country

Province

Other Names

Includes

Site Activity  Production ☐

Deposit Type  DepositSubtype

RefNo	Deposit Reference
1	François, Armand, 2006, La partie centrale de l'Arc cuprifère du Katanga; étude géologique [The central part of the Katanga Copperbelt; geologic study]: Musée Royal de l'Afrique Centrale, Tervuren African Geoscience Collection, v. 109, 61 p.
36	Acheson, Denis, and Wheatley, Christopher, 2007, Technical report on the Boss Mining Project, Kakanda District, Katanga Province, Democratic Republic of the Congo, 10.5 to 11° S latitude, 26 to 27° E longitude: Behre Dolbear International Ltd. Technical Report, prepared for Central African Mining and Exploration plc, August, 2007, 33 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)
71	Huderek, Richard, 2008a, Katangan Copperbelt: Google Earth KML file, accessed July-September 2009 and Oct. 2010, at <a href="http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml">http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml</a> .
74	Central African Mining & Exploration plc, 2007, Central African Mining & Exploration plc [CAMEC] offer to purchase Katanga Mining Ltd., Aug. 28, 2007: London, U.K., Central African Mining & Exploration plc Press Release, 181 p., accessed July 15, 2009 at <a href="http://www.marketwire.com/press-release/Central-African-Mining-Exploration-Company-plc-CAMEC-Offer-Purchase-Katanga-Mining-764847.htm">http://www.marketwire.com/press-release/Central-African-Mining-Exploration-Company-plc-CAMEC-Offer-Purchase-Katanga-Mining-764847.htm</a> .

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ResID	111	DepID	47	Subpart	Kiwana II	
Resource Category	inferred			Resource Standard	None	
Year(s)	2007		ASCu grade		Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount		Ag amount	
82,000	2.7	0.35	Cu equivalent		Au grade	
	Cu amount	Co amount	Cu cutoff		Au amount	
	2,211	287	Reference Page	36 (p. 17), 74 (p. B-16)		

RefNo	Resources Reference
36	Acheson, Denis, and Wheatley, Christopher, 2007, Technical report on the Boss Mining Project, Kakanda District, Katanga Province, Democratic Republic of the Congo, 10.5 to 11° S latitude, 26 to 27° E longitude: Behre Dolbear International Ltd. Technical Report, prepared for Central African Mining and Exploration plc, August, 2007, 33 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)
74	Central African Mining & Exploration plc, 2007, Central African Mining & Exploration plc [CAMEC] offer to purchase Katanga Mining Ltd., Aug. 28, 2007: London, U.K., Central African Mining & Exploration plc Press Release, 181 p., accessed July 15, 2009 at <a href="http://www.marketwire.com/press-release/Central-African-Mining-Exploration-Company-plc-CAMEC-Offer-Purchase-Katanga-Mining-764847.htm">http://www.marketwire.com/press-release/Central-African-Mining-Exploration-Company-plc-CAMEC-Offer-Purchase-Katanga-Mining-764847.htm</a> .

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Group Name	<input type="text" value="Lufomboshi"/>	DepID	<input type="text" value="48"/>	MRDS	<input type="text" value="10400583"/>
Deposit Name	<input type="text" value="Lufomboshi"/>	Property	<input type="text" value="Boss Project"/>		
Total Endowment		Latitude	<input type="text" value="-10.7521"/>	Longitude	<input type="text" value="26.2381"/>
DepID	Ore(mt)	Cu(pct)	Co(pct)	Country	<input type="text" value="Democratic Republic of the Congo"/>
48	225,000	1.98	0.060	Province	<input type="text" value="Katanga"/>
Other Names	<input type="text"/>				
Includes	<input type="text"/>				
Site Activity	<input type="text" value="unknown"/>	Production	<input type="checkbox"/>		
Deposit Type	<input type="text" value="Sediment-hosted stratabound copper deposit"/>		DepositSubtype	<input type="text" value="Reduced-facies, carbonate ecaille"/>	

RefNo	Deposit Reference
36	Acheson, Denis, and Wheatley, Christopher, 2007, Technical report on the Boss Mining Project, Kakanda District, Katanga Province, Democratic Republic of the Congo, 10.5 to 11° S latitude, 26 to 27° E longitude: Behre Dolbear International Ltd. Technical Report, prepared for Central African Mining and Exploration plc, August, 2007, 33 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)
71	Huderek, Richard, 2008a, Katangan Copperbelt: Google Earth KML file, accessed July-September 2009 and Oct. 2010, at <a href="http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml">http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml</a> .
74	Central African Mining & Exploration plc, 2007, Central African Mining & Exploration plc [CAMEC] offer to purchase Katanga Mining Ltd., Aug. 28, 2007: London, U.K., Central African Mining & Exploration plc Press Release, 181 p., accessed July 15, 2009 at <a href="http://www.marketwire.com/press-release/Central-African-Mining-Exploration-Company-plc-CAMEC-Offer-Purchase-Katanga-Mining-764847.htm">http://www.marketwire.com/press-release/Central-African-Mining-Exploration-Company-plc-CAMEC-Offer-Purchase-Katanga-Mining-764847.htm</a> .

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ResID	112	DepID	48	Subpart	Lufomboshi
Resource Category	inferred			Resource Standard	None
Year(s)	2007		ASCu grade		Ag grade
Ore (mt)	Cu grade	Co grade	ASCu amount		Ag amount
225,000	1.98	0.06	Cu equivalent		Au grade
	Cu amount	Co amount	Cu cutoff		Au amount
	4,454	135			
			Reference Page	36 (p. 17), 74 (p. B-16)	

RefNo	Resources Reference
36	Acheson, Denis, and Wheatley, Christopher, 2007, Technical report on the Boss Mining Project, Kakanda District, Katanga Province, Democratic Republic of the Congo, 10.5 to 11° S latitude, 26 to 27° E longitude: Behre Dolbear International Ltd. Technical Report, prepared for Central African Mining and Exploration plc, August, 2007, 33 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)
74	Central African Mining & Exploration plc, 2007, Central African Mining & Exploration plc [CAMEC] offer to purchase Katanga Mining Ltd., Aug. 28, 2007: London, U.K., Central African Mining & Exploration plc Press Release, 181 p., accessed July 15, 2009 at <a href="http://www.marketwire.com/press-release/Central-African-Mining-Exploration-Company-plc-CAMEC-Offer-Purchase-Katanga-Mining-764847.htm">http://www.marketwire.com/press-release/Central-African-Mining-Exploration-Company-plc-CAMEC-Offer-Purchase-Katanga-Mining-764847.htm</a> .



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Group Name	<input type="text" value="Luita"/>	DepID	<input type="text" value="49"/>	MRDS	<input type="text" value="10400586"/>
Deposit Name	<input type="text" value="Luita"/>	Property	<input type="text" value="Boss Project"/>		
Total Endowment		Latitude	<input type="text" value="-10.7394"/>	Longitude	<input type="text" value="26.286"/>
DepID	Ore(mt)	Cu(pct)	Co(pct)		
49	438,000	2.90	0.600		
Other Names		<input type="text" value="Lwita"/>			
Includes		<input type="text" value="Luita E, Luita S"/>			
Site Activity		<input type="text" value="unknown"/>	Production	<input type="checkbox"/>	
Deposit Type		<input type="text" value="Sediment-hosted stratabound copper deposit"/>		DepositSubtype <input type="text" value="Reduced-facies, carbonate ecaille"/>	

RefNo	Deposit Reference
36	Acheson, Denis, and Wheatley, Christopher, 2007, Technical report on the Boss Mining Project, Kakanda District, Katanga Province, Democratic Republic of the Congo, 10.5 to 11° S latitude, 26 to 27° E longitude: Behre Dolbear International Ltd. Technical Report, prepared for Central African Mining and Exploration plc, August, 2007, 33 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)
71	Huderek, Richard, 2008a, Katangan Copperbelt: Google Earth KML file, accessed July-September 2009 and Oct. 2010, at <a href="http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml">http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml</a> .
74	Central African Mining & Exploration plc, 2007, Central African Mining & Exploration plc [CAMEC] offer to purchase Katanga Mining Ltd., Aug. 28, 2007: London, U.K., Central African Mining & Exploration plc Press Release, 181 p., accessed July 15, 2009 at <a href="http://www.marketwire.com/press-release/Central-African-Mining-Exploration-Company-plc-CAMEC-Offer-Purchase-Katanga-Mining-764847.htm">http://www.marketwire.com/press-release/Central-African-Mining-Exploration-Company-plc-CAMEC-Offer-Purchase-Katanga-Mining-764847.htm</a> .

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ResID	113	DepID	49	Subpart	Luita E and S	
Resource Category	inferred			Resource Standard	None	
Year(s)	2007			ASCu grade		Ag grade
Ore (mt)	Cu grade	Co grade	ASCu amount		Ag amount	
438,000	2.9	0.6	Cu equivalent		Au grade	
	Cu amount	Co amount	Cu cutoff		Au amount	
	12,714	2,630	Reference Page	36 (p. 17), 74 (p. B-16)		

RefNo	Resources Reference
36	Acheson, Denis, and Wheatley, Christopher, 2007, Technical report on the Boss Mining Project, Kakanda District, Katanga Province, Democratic Republic of the Congo, 10.5 to 11° S latitude, 26 to 27° E longitude: Behre Dolbear International Ltd. Technical Report, prepared for Central African Mining and Exploration plc, August, 2007, 33 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)
74	Central African Mining & Exploration plc, 2007, Central African Mining & Exploration plc [CAMEC] offer to purchase Katanga Mining Ltd., Aug. 28, 2007: London, U.K., Central African Mining & Exploration plc Press Release, 181 p., accessed July 15, 2009 at <a href="http://www.marketwire.com/press-release/Central-African-Mining-Exploration-Company-plc-CAMEC-Offer-Purchase-Katanga-Mining-764847.htm">http://www.marketwire.com/press-release/Central-African-Mining-Exploration-Company-plc-CAMEC-Offer-Purchase-Katanga-Mining-764847.htm</a> .

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Group Name	<input type="text" value="Saafi"/>	DepID	<input type="text" value="50"/>	MRDS	<input type="text" value="10400595"/>
Deposit Name	<input type="text" value="Saafi"/>	Property	<input type="text" value="Boss Project"/>		
Total Endowment		Latitude	<input type="text" value="-10.7401"/>	Longitude	<input type="text" value="26.4204"/>
DepID	Ore(mt)	Cu(pct)	Co(pct)	Country	<input type="text" value="Democratic Republic of the Congo"/>
50	181,000	2.70	0.300	Province	<input type="text" value="Katanga"/>
Other Names	<input type="text"/>				
Includes	<input type="text"/>				
Site Activity	<input type="text" value="unknown"/>	Production	<input type="checkbox"/>		
Deposit Type	<input type="text" value="Sediment-hosted stratabound copper deposit"/>		DepositSubtype	<input type="text" value="Reduced-facies, carbonate ecaille"/>	

RefNo	Deposit Reference
36	Acheson, Denis, and Wheatley, Christopher, 2007, Technical report on the Boss Mining Project, Kakanda District, Katanga Province, Democratic Republic of the Congo, 10.5 to 11° S latitude, 26 to 27° E longitude: Behre Dolbear International Ltd. Technical Report, prepared for Central African Mining and Exploration plc, August, 2007, 33 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)
71	Huderek, Richard, 2008a, Katangan Copperbelt: Google Earth KML file, accessed July-September 2009 and Oct. 2010, at <a href="http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml">http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml</a> .
74	Central African Mining & Exploration plc, 2007, Central African Mining & Exploration plc [CAMEC] offer to purchase Katanga Mining Ltd., Aug. 28, 2007: London, U.K., Central African Mining & Exploration plc Press Release, 181 p., accessed July 15, 2009 at <a href="http://www.marketwire.com/press-release/Central-African-Mining-Exploration-Company-plc-CAMEC-Offer-Purchase-Katanga-Mining-764847.htm">http://www.marketwire.com/press-release/Central-African-Mining-Exploration-Company-plc-CAMEC-Offer-Purchase-Katanga-Mining-764847.htm</a> .

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ResID	114	DepID	50	Subpart	
Resource Category	inferred			Resource Standard	None
Year(s)	2007	ASCu grade		Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount	
181,000	2.7	0.3	Cu equivalent	Au grade	
	Cu amount	Co amount	Cu cutoff	Au amount	
	4,876	542	Reference Page	36 (p. 17), 74 (p. B-16)	

RefNo	Resources Reference
36	Acheson, Denis, and Wheatley, Christopher, 2007, Technical report on the Boss Mining Project, Kakanda District, Katanga Province, Democratic Republic of the Congo, 10.5 to 11° S latitude, 26 to 27° E longitude: Behre Dolbear International Ltd. Technical Report, prepared for Central African Mining and Exploration plc, August, 2007, 33 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)
74	Central African Mining & Exploration plc, 2007, Central African Mining & Exploration plc [CAMEC] offer to purchase Katanga Mining Ltd., Aug. 28, 2007: London, U.K., Central African Mining & Exploration plc Press Release, 181 p., accessed July 15, 2009 at <a href="http://www.marketwire.com/press-release/Central-African-Mining-Exploration-Company-plc-CAMEC-Offer-Purchase-Katanga-Mining-764847.htm">http://www.marketwire.com/press-release/Central-African-Mining-Exploration-Company-plc-CAMEC-Offer-Purchase-Katanga-Mining-764847.htm</a> .

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Group Name	<input type="text" value="Taratara"/>	DepID	<input type="text" value="51"/>	MRDS	<input type="text" value="10400596"/>
Deposit Name	<input type="text" value="Taratara"/>	Property	<input type="text" value="Boss Project"/>		
Total Endowment		Latitude	<input type="text" value="-10.7245"/>	Longitude	<input type="text" value="26.3667"/>
DepID	Ore(mt)	Cu(pct)	Co(pct)	Country	<input type="text" value="Democratic Republic of the Congo"/>
51	165,000	1.83	0.920	Province	<input type="text" value="Katanga"/>
Other Names	<input type="text"/>				
Includes	<input type="text"/>				
Site Activity	<input type="text" value="unknown"/>	Production	<input type="checkbox"/>		
Deposit Type	<input type="text" value="Sediment-hosted stratabound copper deposit"/>		DepositSubtype	<input type="text" value="Reduced-facies, carbonate ecaille"/>	

RefNo	Deposit Reference
36	Acheson, Denis, and Wheatley, Christopher, 2007, Technical report on the Boss Mining Project, Kakanda District, Katanga Province, Democratic Republic of the Congo, 10.5 to 11° S latitude, 26 to 27° E longitude: Behre Dolbear International Ltd. Technical Report, prepared for Central African Mining and Exploration plc, August, 2007, 33 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)
71	Huderek, Richard, 2008a, Katangan Copperbelt: Google Earth KML file, accessed July-September 2009 and Oct. 2010, at <a href="http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml">http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml</a> .
74	Central African Mining & Exploration plc, 2007, Central African Mining & Exploration plc [CAMEC] offer to purchase Katanga Mining Ltd., Aug. 28, 2007: London, U.K., Central African Mining & Exploration plc Press Release, 181 p., accessed July 15, 2009 at <a href="http://www.marketwire.com/press-release/Central-African-Mining-Exploration-Company-plc-CAMEC-Offer-Purchase-Katanga-Mining-764847.htm">http://www.marketwire.com/press-release/Central-African-Mining-Exploration-Company-plc-CAMEC-Offer-Purchase-Katanga-Mining-764847.htm</a> .

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ResID	115	DepID	51	Subpart	
Resource Category	inferred			Resource Standard	None
Year(s)	2007	ASCu grade		Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount	
165,000	1.83	0.92	Cu equivalent	Au grade	
	Cu amount	Co amount	Cu cutoff	Au amount	
	3,012	1,514	Reference Page	36 (p. 17), 74 (p. B-16)	

RefNo	Resources Reference
36	Acheson, Denis, and Wheatley, Christopher, 2007, Technical report on the Boss Mining Project, Kakanda District, Katanga Province, Democratic Republic of the Congo, 10.5 to 11° S latitude, 26 to 27° E longitude: Behre Dolbear International Ltd. Technical Report, prepared for Central African Mining and Exploration plc, August, 2007, 33 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)
74	Central African Mining & Exploration plc, 2007, Central African Mining & Exploration plc [CAMEC] offer to purchase Katanga Mining Ltd., Aug. 28, 2007: London, U.K., Central African Mining & Exploration plc Press Release, 181 p., accessed July 15, 2009 at <a href="http://www.marketwire.com/press-release/Central-African-Mining-Exploration-Company-plc-CAMEC-Offer-Purchase-Katanga-Mining-764847.htm">http://www.marketwire.com/press-release/Central-African-Mining-Exploration-Company-plc-CAMEC-Offer-Purchase-Katanga-Mining-764847.htm</a> .

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Group Name  DepID  MRDS

Deposit Name  Property

Total Endowment

DepID	Ore(mt)	Cu(pct)	Co(pct)
52	114,741,000	1.95	0.362

Latitude  Longitude

Country

Province

Other Names

Includes

Site Activity  Production ☐

Deposit Type  DepositSubtype

RefNo	Deposit Reference
39	Coates, H., Anderson, W., and McGeorge, I.M., 2008, Technical report on the Kakanda Copper-cobalt Project, Katanga province, Democratic Republic of Congo: MPH Consulting Ltd. Technical Report, prepared for Simberi Mining Corporation, 176 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)
41	Nilsson, John, Simpson, R.G., and McKenzie, William, 2009, Technical report for the Tenke Fungurume Project, Katanga Province, Democratic Republic of Congo: Nilsson Mine Services Ltd., and GeoSim Services, Inc. Technical Report, prepared for Lundin Mining Corporation, March 31, 2009, 243 p., accessed April 17, 2012, at <a href="http://www.lundinmining.com/i/pdf/TenkeFungurume_Technical_Report-March_31_2009.pdf">www.lundinmining.com/i/pdf/TenkeFungurume_Technical_Report-March_31_2009.pdf</a> .
71	Huderek, Richard, 2008a, Katangan Copperbelt: Google Earth KML file, accessed July-September 2009 and Oct. 2010, at <a href="http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml">http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml</a> .

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ResID	117	DepID	52	Subpart	
Resource Category	measured			Resource Standard	CIM
Year(s)	2009			ASCu grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag grade	
66,124,000	2.123	0.366	Cu equivalent	Ag amount	
			4.41	Au grade	
	Cu amount	Co amount	Cu cutoff	Au amount	
			1.5		
Reference Page				41 (p. 19)	

RefNo Resources Reference

41 Nilsson, John, Simpson, R.G., and McKenzie, William, 2009, Technical report for the Tenke Fungurume Project, Katanga Province, Democratic Republic of Congo: Nilsson Mine Services Ltd., and GeoSim Services, Inc. Technical Report, prepared for Lundin Mining Corporation, March 31, 2009, 243 p., accessed April 17, 2012, at [www.lundinmining.com/i/pdf/TenkeFungurume\\_Technical\\_Report-March\\_31\\_2009.pdf](http://www.lundinmining.com/i/pdf/TenkeFungurume_Technical_Report-March_31_2009.pdf).

ResID	118	DepID	52	Subpart	
Resource Category	indicated			Resource Standard	CIM
Year(s)	2009			ASCu grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag grade	
36,109,000	1.759	0.361	Cu equivalent	Ag amount	
			4.014	Au grade	
	Cu amount	Co amount	Cu cutoff	Au amount	
			1.5		
Reference Page				41 (p. 19)	

RefNo Resources Reference

41 Nilsson, John, Simpson, R.G., and McKenzie, William, 2009, Technical report for the Tenke Fungurume Project, Katanga Province, Democratic Republic of Congo: Nilsson Mine Services Ltd., and GeoSim Services, Inc. Technical Report, prepared for Lundin Mining Corporation, March 31, 2009, 243 p., accessed April 17, 2012, at [www.lundinmining.com/i/pdf/TenkeFungurume\\_Technical\\_Report-March\\_31\\_2009.pdf](http://www.lundinmining.com/i/pdf/TenkeFungurume_Technical_Report-March_31_2009.pdf).

ResID	119	DepID	52	Subpart	
Resource Category	inferred			Resource Standard	CIM
Year(s)	2009			ASCu grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag grade	
12,508,000	1.567	0.348	Cu equivalent	Ag amount	
			3.742	Au grade	



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Cu amount

Co amount

Cu cutoff

1.5

Au amount

Reference Page

41 (p. 19)

RefNo

Resources Reference

41 Nilsson, John, Simpson, R.G., and McKenzie, William, 2009, Technical report for the Tenke Fungurume Project, Katanga Province, Democratic Republic of Congo: Nilsson Mine Services Ltd., and GeoSim Services, Inc. Technical Report, prepared for Lundin Mining Corporation, March 31, 2009, 243 p., accessed April 17, 2012, at [www.lundinmining.com/i/pdf/TenkeFungurume\\_Technical\\_Report-March\\_31\\_2009.pdf](http://www.lundinmining.com/i/pdf/TenkeFungurume_Technical_Report-March_31_2009.pdf).

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Group Name  DepID  MRDS

Deposit Name  Property

Total Endowment

DepID	Ore(mt)	Cu(pct)	Co(pct)
53	122,251,000	2.06	0.276

Latitude  Longitude

Country

Province

Other Names

Includes

Site Activity  Production ☐

Deposit Type  DepositSubtype

RefNo	Deposit Reference
39	Coates, H., Anderson, W., and McGeorge, I.M., 2008, Technical report on the Kakanda Copper-cobalt Project, Katanga province, Democratic Republic of Congo: MPH Consulting Ltd. Technical Report, prepared for Simberi Mining Corporation, 176 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)
41	Nilsson, John, Simpson, R.G., and McKenzie, William, 2009, Technical report for the Tenke Fungurume Project, Katanga Province, Democratic Republic of Congo: Nilsson Mine Services Ltd., and GeoSim Services, Inc. Technical Report, prepared for Lundin Mining Corporation, March 31, 2009, 243 p., accessed April 17, 2012, at <a href="http://www.lundinmining.com/i/pdf/TenkeFungurume_Technical_Report-March_31_2009.pdf">www.lundinmining.com/i/pdf/TenkeFungurume_Technical_Report-March_31_2009.pdf</a> .

ResID <input type="text" value="123"/>	DepID <input type="text" value="53"/>	Subpart <input type="text"/>
Resource Category <input type="text" value="measured"/>		Resource Standard <input type="text" value="CIM"/>
Year(s) <input type="text" value="2009"/>	ASCu grade <input type="text"/>	Ag grade <input type="text"/>
Ore (mt) <input type="text" value="17,357,000"/>	Cu grade <input type="text" value="2.731"/>	Co grade <input type="text" value="0.278"/>
	ASCu amount <input type="text"/>	Ag amount <input type="text"/>
	Cu equivalent <input type="text" value="4.47"/>	Au grade <input type="text"/>
	Cu amount <input type="text"/>	Co amount <input type="text"/>
	Cu cutoff <input type="text" value="1.5"/>	Au amount <input type="text"/>
Reference Page <input type="text" value="41 (p. 20)"/>		

  

RefNo	Resources Reference
41	Nilsson, John, Simpson, R.G., and McKenzie, William, 2009, Technical report for the Tenke Fungurume Project, Katanga Province, Democratic Republic of Congo: Nilsson Mine Services Ltd., and GeoSim Services, Inc. Technical Report, prepared for Lundin Mining Corporation, March 31, 2009, 243 p., accessed April 17, 2012, at <a href="http://www.lundinmining.com/i/pdf/TenkeFungurume_Technical_Report-March_31_2009.pdf">www.lundinmining.com/i/pdf/TenkeFungurume_Technical_Report-March_31_2009.pdf</a> .

  

ResID <input type="text" value="124"/>	DepID <input type="text" value="53"/>	Subpart <input type="text"/>
Resource Category <input type="text" value="indicated"/>		Resource Standard <input type="text" value="CIM"/>
Year(s) <input type="text" value="2009"/>	ASCu grade <input type="text"/>	Ag grade <input type="text"/>

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Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount
60,467,000	2.091	0.288	Cu equivalent 3.893	Au grade
	Cu amount	Co amount	Cu cutoff 1.5	Au amount
			Reference Page	41 (p. 20)

RefNo	Resources Reference
41	Nilsson, John, Simpson, R.G., and McKenzie, William, 2009, Technical report for the Tenke Fungurume Project, Katanga Province, Democratic Republic of Congo: Nilsson Mine Services Ltd., and GeoSim Services, Inc. Technical Report, prepared for Lundin Mining Corporation, March 31, 2009, 243 p., accessed April 17, 2012, at <a href="http://www.lundinmining.com/i/pdf/TenkeFungurume_Technical_Report-March_31_2009.pdf">www.lundinmining.com/i/pdf/TenkeFungurume_Technical_Report-March_31_2009.pdf</a> .

ResID 125	DepID 53	Subpart
Resource Category inferred		Resource Standard CIM
Year(s) 2009	ASCu grade	Ag grade
Ore (mt)	Cu grade	Co grade
44,427,000	1.754	0.259
	Cu amount	Co amount
	Cu cutoff 1.5	Au amount
		Reference Page 41 (p. 20)

RefNo	Resources Reference
41	Nilsson, John, Simpson, R.G., and McKenzie, William, 2009, Technical report for the Tenke Fungurume Project, Katanga Province, Democratic Republic of Congo: Nilsson Mine Services Ltd., and GeoSim Services, Inc. Technical Report, prepared for Lundin Mining Corporation, March 31, 2009, 243 p., accessed April 17, 2012, at <a href="http://www.lundinmining.com/i/pdf/TenkeFungurume_Technical_Report-March_31_2009.pdf">www.lundinmining.com/i/pdf/TenkeFungurume_Technical_Report-March_31_2009.pdf</a> .

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Group Name  DepID  MRDS

Deposit Name  Property

Total Endowment

DepID	Ore(mt)	Cu(pct)	Co(pct)
54	40,265,000	2.46	0.173

Latitude  Longitude

Country

Province

Other Names

Includes

Site Activity  Production ☐

Deposit Type  DepositSubtype

RefNo	Deposit Reference
39	Coates, H., Anderson, W., and McGeorge, I.M., 2008, Technical report on the Kakanda Copper-cobalt Project, Katanga province, Democratic Republic of Congo: MPH Consulting Ltd. Technical Report, prepared for Simberi Mining Corporation, 176 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)
41	Nilsson, John, Simpson, R.G., and McKenzie, William, 2009, Technical report for the Tenke Fungurume Project, Katanga Province, Democratic Republic of Congo: Nilsson Mine Services Ltd., and GeoSim Services, Inc. Technical Report, prepared for Lundin Mining Corporation, March 31, 2009, 243 p., accessed April 17, 2012, at <a href="http://www.lundinmining.com/i/pdf/TenkeFungurume_Technical_Report-March_31_2009.pdf">www.lundinmining.com/i/pdf/TenkeFungurume_Technical_Report-March_31_2009.pdf</a> .
71	Huderek, Richard, 2008a, Katangan Copperbelt: Google Earth KML file, accessed July-September 2009 and Oct. 2010, at <a href="http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml">http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml</a> .

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ResID	126	DepID	54	Subpart	
Resource Category	measured			Resource Standard	CIM
Year(s)	2009			ASCu grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag grade	
903,000	3.922	0.179	Cu equivalent	Ag amount	
			Cu cutoff	Au grade	
				Au amount	
				Reference Page	41 (p. 20)

RefNo	Resources Reference
41	Nilsson, John, Simpson, R.G., and McKenzie, William, 2009, Technical report for the Tenke Fungurume Project, Katanga Province, Democratic Republic of Congo: Nilsson Mine Services Ltd., and GeoSim Services, Inc. Technical Report, prepared for Lundin Mining Corporation, March 31, 2009, 243 p., accessed April 17, 2012, at <a href="http://www.lundinmining.com/i/pdf/TenkeFungurume_Technical_Report-March_31_2009.pdf">www.lundinmining.com/i/pdf/TenkeFungurume_Technical_Report-March_31_2009.pdf</a> .

ResID	127	DepID	54	Subpart	
Resource Category	indicated			Resource Standard	CIM
Year(s)	2009			ASCu grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag grade	
18,250,000	2.89	0.159	Cu equivalent	Ag amount	
			Cu cutoff	Au grade	
				Au amount	
				Reference Page	41 (p. 20)

RefNo	Resources Reference
41	Nilsson, John, Simpson, R.G., and McKenzie, William, 2009, Technical report for the Tenke Fungurume Project, Katanga Province, Democratic Republic of Congo: Nilsson Mine Services Ltd., and GeoSim Services, Inc. Technical Report, prepared for Lundin Mining Corporation, March 31, 2009, 243 p., accessed April 17, 2012, at <a href="http://www.lundinmining.com/i/pdf/TenkeFungurume_Technical_Report-March_31_2009.pdf">www.lundinmining.com/i/pdf/TenkeFungurume_Technical_Report-March_31_2009.pdf</a> .

ResID	128	DepID	54	Subpart	
Resource Category	inferred			Resource Standard	CIM
Year(s)	2009			ASCu grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag grade	
21,112,000	2.025	0.184	Cu equivalent	Ag amount	
				Au grade	

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Cu amount

Co amount

Cu cutoff

1.5

Au amount

Reference Page

41 (p. 20)

RefNo

Resources Reference

41 Nilsson, John, Simpson, R.G., and McKenzie, William, 2009, Technical report for the Tenke Fungurume Project, Katanga Province, Democratic Republic of Congo: Nilsson Mine Services Ltd., and GeoSim Services, Inc. Technical Report, prepared for Lundin Mining Corporation, March 31, 2009, 243 p., accessed April 17, 2012, at [www.lundinmining.com/i/pdf/TenkeFungurume\\_Technical\\_Report-March\\_31\\_2009.pdf](http://www.lundinmining.com/i/pdf/TenkeFungurume_Technical_Report-March_31_2009.pdf).

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Group Name  DepID  MRDS

Deposit Name  Property

Total Endowment

Latitude  Longitude

Country

Province

DepID	Ore(mt)	Cu(pct)	Co(pct)
55	35,430,000	3.16	0.138

Other Names

Includes

Site Activity  Production ☐

Deposit Type  DepositSubtype

RefNo	Deposit Reference
41	Nilsson, John, Simpson, R.G., and McKenzie, William, 2009, Technical report for the Tenke Fungurume Project, Katanga Province, Democratic Republic of Congo: Nilsson Mine Services Ltd., and GeoSim Services, Inc. Technical Report, prepared for Lundin Mining Corporation, March 31, 2009, 243 p., accessed April 17, 2012, at <a href="http://www.lundinmining.com/i/pdf/TenkeFungurume_Technical_Report-March_31_2009.pdf">www.lundinmining.com/i/pdf/TenkeFungurume_Technical_Report-March_31_2009.pdf</a> .

ResID  DepID  Subpart

Resource Category  Resource Standard

Year(s)  ASCu grade  Ag grade

Ore (mt)  Cu grade  Co grade  ASCu amount  Ag amount

Cu amount  Co amount  Cu equivalent  Au grade

Cu cutoff  Au amount

Reference Page

RefNo	Resources Reference
41	Nilsson, John, Simpson, R.G., and McKenzie, William, 2009, Technical report for the Tenke Fungurume Project, Katanga Province, Democratic Republic of Congo: Nilsson Mine Services Ltd., and GeoSim Services, Inc. Technical Report, prepared for Lundin Mining Corporation, March 31, 2009, 243 p., accessed April 17, 2012, at <a href="http://www.lundinmining.com/i/pdf/TenkeFungurume_Technical_Report-March_31_2009.pdf">www.lundinmining.com/i/pdf/TenkeFungurume_Technical_Report-March_31_2009.pdf</a> .

ResID  DepID  Subpart

Resource Category  Resource Standard

Year(s)  ASCu grade  Ag grade

Ore (mt)  Cu grade  Co grade  ASCu amount  Ag amount

Cu equivalent  Au grade

USGS - Central African Copperbelt Scientific Investigations Report 2010-5090-J

Cu amount  Co amount  Cu cutoff  Au amount

Reference Page

RefNo Resources Reference

41 Nilsson, John, Simpson, R.G., and McKenzie, William, 2009, Technical report for the Tenke Fungurume Project, Katanga Province, Democratic Republic of Congo: Nilsson Mine Services Ltd., and GeoSim Services, Inc. Technical Report, prepared for Lundin Mining Corporation, March 31, 2009, 243 p., accessed April 17, 2012, at [www.lundinmining.com/i/pdf/TenkeFungurume\\_Technical\\_Report-March\\_31\\_2009.pdf](http://www.lundinmining.com/i/pdf/TenkeFungurume_Technical_Report-March_31_2009.pdf).

ResID  DepID  Subpart

Resource Category  Resource Standard

Year(s)  ASCu grade  Ag grade

Ore (mt)  Cu grade  Co grade  ASCu amount  Ag amount

Cu equivalent  Au grade

Cu amount  Co amount  Cu cutoff  Au amount

Reference Page

RefNo Resources Reference

41 Nilsson, John, Simpson, R.G., and McKenzie, William, 2009, Technical report for the Tenke Fungurume Project, Katanga Province, Democratic Republic of Congo: Nilsson Mine Services Ltd., and GeoSim Services, Inc. Technical Report, prepared for Lundin Mining Corporation, March 31, 2009, 243 p., accessed April 17, 2012, at [www.lundinmining.com/i/pdf/TenkeFungurume\\_Technical\\_Report-March\\_31\\_2009.pdf](http://www.lundinmining.com/i/pdf/TenkeFungurume_Technical_Report-March_31_2009.pdf).



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Group Name  DepID  MRDS

Deposit Name  Property

Total Endowment

DepID	Ore(mt)	Cu(pct)	Co(pct)
56	42,272,000	2.55	0.167

Latitude  Longitude

Country

Province

Other Names

Includes

Site Activity  Production ☐

Deposit Type  DepositSubtype

RefNo	Deposit Reference
71	Huderek, Richard, 2008a, Katangan Copperbelt: Google Earth KML file, accessed July-September 2009 and Oct. 2010, at <a href="http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml">http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml</a> .

ResID  DepID  Subpart

Resource Category  Resource Standard

Year(s)  ASCu grade  Ag grade

Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount
<input type="text" value="346,000"/>	<input type="text" value="2.941"/>	<input type="text" value="0.12"/>	<input type="text" value="234,810"/>	<input type="text"/>

Cu amount	Co amount	Cu cutoff	Au grade
<input type="text"/>	<input type="text"/>	<input type="text" value="1.5"/>	<input type="text"/>

Reference Page

RefNo	Resources Reference
41	Nilsson, John, Simpson, R.G., and McKenzie, William, 2009, Technical report for the Tenke Fungurume Project, Katanga Province, Democratic Republic of Congo: Nilsson Mine Services Ltd., and GeoSim Services, Inc. Technical Report, prepared for Lundin Mining Corporation, March 31, 2009, 243 p., accessed April 17, 2012, at <a href="http://www.lundinmining.com/i/pdf/TenkeFungurume_Technical_Report-March_31_2009.pdf">www.lundinmining.com/i/pdf/TenkeFungurume_Technical_Report-March_31_2009.pdf</a> .

ResID  DepID  Subpart

Resource Category  Resource Standard

Year(s)  ASCu grade  Ag grade

Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount
<input type="text" value="22,129,000"/>	<input type="text" value="2.764"/>	<input type="text" value="0.156"/>	<input type="text"/>	<input type="text"/>

Cu equivalent	Au grade
<input type="text" value="3.741"/>	<input type="text"/>

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Cu amount  Co amount  Cu cutoff  Au amount

Reference Page

RefNo Resources Reference

41 Nilsson, John, Simpson, R.G., and McKenzie, William, 2009, Technical report for the Tenke Fungurume Project, Katanga Province, Democratic Republic of Congo: Nilsson Mine Services Ltd., and GeoSim Services, Inc. Technical Report, prepared for Lundin Mining Corporation, March 31, 2009, 243 p., accessed April 17, 2012, at [www.lundinmining.com/i/pdf/TenkeFungurume\\_Technical\\_Report-March\\_31\\_2009.pdf](http://www.lundinmining.com/i/pdf/TenkeFungurume_Technical_Report-March_31_2009.pdf).

ResID  DepID  Subpart

Resource Category  Resource Standard

Year(s)  ASCu grade  Ag grade

Ore (mt)  Cu grade  Co grade  ASCu amount  Ag amount

Cu equivalent  Au grade

Cu amount  Co amount  Cu cutoff  Au amount

Reference Page

RefNo Resources Reference

41 Nilsson, John, Simpson, R.G., and McKenzie, William, 2009, Technical report for the Tenke Fungurume Project, Katanga Province, Democratic Republic of Congo: Nilsson Mine Services Ltd., and GeoSim Services, Inc. Technical Report, prepared for Lundin Mining Corporation, March 31, 2009, 243 p., accessed April 17, 2012, at [www.lundinmining.com/i/pdf/TenkeFungurume\\_Technical\\_Report-March\\_31\\_2009.pdf](http://www.lundinmining.com/i/pdf/TenkeFungurume_Technical_Report-March_31_2009.pdf).

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Group Name  DepID  MRDS

Deposit Name  Property

Total Endowment

Latitude  Longitude

DepID	Ore(mt)	Cu(pct)	Co(pct)
57	70,693,000	2.45	0.162

Country

Province

Other Names

Includes

Site Activity  ☐ Production

Deposit Type  DepositSubtype

RefNo	Deposit Reference
41	Nilsson, John, Simpson, R.G., and McKenzie, William, 2009, Technical report for the Tenke Fungurume Project, Katanga Province, Democratic Republic of Congo: Nilsson Mine Services Ltd., and GeoSim Services, Inc. Technical Report, prepared for Lundin Mining Corporation, March 31, 2009, 243 p., accessed April 17, 2012, at <a href="http://www.lundinmining.com/i/pdf/TenkeFungurume_Technical_Report-March_31_2009.pdf">www.lundinmining.com/i/pdf/TenkeFungurume_Technical_Report-March_31_2009.pdf</a> .
71	Huderek, Richard, 2008a, Katangan Copperbelt: Google Earth KML file, accessed July-September 2009 and Oct. 2010, at <a href="http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml">http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml</a> .

ResID <input type="text" value="132"/>	DepID <input type="text" value="57"/>	Subpart <input type="text"/>
Resource Category <input type="text" value="measured"/>		Resource Standard <input type="text" value="CIM"/>
Year(s) <input type="text" value="2009"/>	ASCu grade <input type="text"/>	Ag grade <input type="text"/>
Ore (mt) <input type="text" value="325,000"/>	Cu grade <input type="text" value="2.731"/>	Co grade <input type="text" value="0.117"/>
	ASCu amount <input type="text"/>	Ag amount <input type="text"/>
	Cu equivalent <input type="text" value="3.462"/>	Au grade <input type="text"/>
	Cu amount <input type="text"/>	Au amount <input type="text"/>
	Co amount <input type="text"/>	Cu cutoff <input type="text" value="1.5"/>
		Au amount <input type="text"/>
Reference Page <input type="text" value="41 (p. 22)"/>		

  

RefNo	Resources Reference
41	Nilsson, John, Simpson, R.G., and McKenzie, William, 2009, Technical report for the Tenke Fungurume Project, Katanga Province, Democratic Republic of Congo: Nilsson Mine Services Ltd., and GeoSim Services, Inc. Technical Report, prepared for Lundin Mining Corporation, March 31, 2009, 243 p., accessed April 17, 2012, at <a href="http://www.lundinmining.com/i/pdf/TenkeFungurume_Technical_Report-March_31_2009.pdf">www.lundinmining.com/i/pdf/TenkeFungurume_Technical_Report-March_31_2009.pdf</a> .

  

ResID <input type="text" value="133"/>	DepID <input type="text" value="57"/>	Subpart <input type="text"/>
Resource Category <input type="text" value="indicated"/>		Resource Standard <input type="text" value="CIM"/>
Year(s) <input type="text" value="2009"/>	ASCu grade <input type="text"/>	Ag grade <input type="text"/>

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Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount
42,434,000	2.51	0.169	Cu equivalent 3.57	Au grade
	Cu amount	Co amount	Cu cutoff 1.5	Au amount
			Reference Page	41 (p. 21)

RefNo	Resources Reference
41	Nilsson, John, Simpson, R.G., and McKenzie, William, 2009, Technical report for the Tenke Fungurume Project, Katanga Province, Democratic Republic of Congo: Nilsson Mine Services Ltd., and GeoSim Services, Inc. Technical Report, prepared for Lundin Mining Corporation, March 31, 2009, 243 p., accessed April 17, 2012, at <a href="http://www.lundinmining.com/i/pdf/TenkeFungurume_Technical_Report-March_31_2009.pdf">www.lundinmining.com/i/pdf/TenkeFungurume_Technical_Report-March_31_2009.pdf</a> .

ResID 134	DepID 57	Subpart
Resource Category inferred		Resource Standard CIM
Year(s) 2009	ASCu grade	Ag grade
Ore (mt)	Cu grade	Co grade
27,934,000	2.346	0.152
	Cu amount	Co amount
	Cu cutoff 1.5	Au amount
		Reference Page 41 (p. 21)

RefNo	Resources Reference
41	Nilsson, John, Simpson, R.G., and McKenzie, William, 2009, Technical report for the Tenke Fungurume Project, Katanga Province, Democratic Republic of Congo: Nilsson Mine Services Ltd., and GeoSim Services, Inc. Technical Report, prepared for Lundin Mining Corporation, March 31, 2009, 243 p., accessed April 17, 2012, at <a href="http://www.lundinmining.com/i/pdf/TenkeFungurume_Technical_Report-March_31_2009.pdf">www.lundinmining.com/i/pdf/TenkeFungurume_Technical_Report-March_31_2009.pdf</a> .

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Group Name  DepID  MRDS

Deposit Name  Property

Total Endowment

DepID	Ore(mt)	Cu(pct)	Co(pct)
58	139,376,734	4.48	0.354

Latitude  Longitude

Country

Province

Other Names

Includes

Site Activity  Production ☒

Deposit Type  DepositSubtype

RefNo	Deposit Reference
42	Jobin-Bevans, Scott, Lotriet, M.P., Heili, Christian, Meintjes, Adriaan, and Naismith, Alan, 2006, Technical report for the Kamoto Copper Company, Kolwezi, Katanga Province, Democratic Republic of the Congo: McIntosh RSV LLC Technical Report, prepared for Kamoto Copper Company, May 16, 2006, 251 p., accessed July 17, 2009, at <a href="http://Fratcliffphotos.free.fr/kamoto/Ftechnical_report.pdf">http://Fratcliffphotos.free.fr/kamoto/Ftechnical_report.pdf</a> .
44	Dixon, Roger, Simposya, Victor, Takolia, Ebrahim, Waldeck, Wally, Salter, Henrietta, von Wielligh, Anton, Naismith, Alan, Cilliers, Petrus, and McNeill, R., 2009, An independent technical report on the material assets of Katanga Mining Limited, Katanga Province, Democratic Republic of Congo ("DRC"): SRK Consulting Technical Report, prepared for Katanga Mining Ltd., March 17, 2009, 216 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)
71	Huderek, Richard, 2008a, Katangan Copperbelt: Google Earth KML file, accessed July-September 2009 and Oct. 2010, at <a href="http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml">http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml</a> .

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ResID	19	DepID	58	Subpart	Kamoto Mine	
Resource Category	production		Resource Standard			
Year(s)	2007		ASCu grade		Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount		Ag amount	
189,000	3.41	0.44	Cu equivalent		Au grade	
	Cu amount	Co amount	Cu cutoff		Au amount	
			Reference Page	44 (p. 44)		

RefNo	Resources Reference
44	Dixon, Roger, Simposya, Victor, Takolia, Ebrahim, Waldeck, Wally, Salter, Henrietta, von Wielligh, Anton, Naismith, Alan, Cilliers, Petrus, and McNeill, R., 2009, An independent technical report on the material assets of Katanga Mining Limited, Katanga Province, Democratic Republic of Congo ("DRC"): SRK Consulting Technical Report, prepared for Katanga Mining Ltd., March 17, 2009, 216 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)

ResID	20	DepID	58	Subpart		
Resource Category	production		Resource Standard			
Year(s)	2008		ASCu grade		Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount		Ag amount	
551,300	3.93	0.43	Cu equivalent		Au grade	
	Cu amount	Co amount	Cu cutoff		Au amount	
			Reference Page	44 (p. 44)		

RefNo	Resources Reference
44	Dixon, Roger, Simposya, Victor, Takolia, Ebrahim, Waldeck, Wally, Salter, Henrietta, von Wielligh, Anton, Naismith, Alan, Cilliers, Petrus, and McNeill, R., 2009, An independent technical report on the material assets of Katanga Mining Limited, Katanga Province, Democratic Republic of Congo ("DRC"): SRK Consulting Technical Report, prepared for Katanga Mining Ltd., March 17, 2009, 216 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)

ResID	138	DepID	58	Subpart	Kamoto Mine	
Resource Category	production		Resource Standard	NA		
Year(s)	1969-2005		ASCu grade		Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount		Ag amount	
59,336,434	4.21	0.37	Cu equivalent		Au grade	

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Cu amount  Co amount  Cu cutoff  Au amount   
 Reference Page

RefNo	Resources Reference
42	Jobin-Bevans, Scott, Lotriet, M.P., Heili, Christian, Meintjes, Adriaan, and Naismith, Alan, 2006, Technical report for the Kamoto Copper Company, Kolwezi, Katanga Province, Democratic Republic of the Congo: McIntosh RSV LLC Technical Report, prepared for Kamoto Copper Company, May 16, 2006, 251 p., accessed July 17, 2009, at <a href="http://Fratcliffphotos.free.fr/kamoto/Ftechnical_report.pdf">http://Fratcliffphotos.free.fr/kamoto/Ftechnical_report.pdf</a> .
44	Dixon, Roger, Simposya, Victor, Takolia, Ebrahim, Waldeck, Wally, Salter, Henrietta, von Wielligh, Anton, Naismith, Alan, Cilliers, Petrus, and McNeill, R., 2009, An independent technical report on the material assets of Katanga Mining Limited, Katanga Province, Democratic Republic of Congo ("DRC"): SRK Consulting Technical Report, prepared for Katanga Mining Ltd., March 17, 2009, 216 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)

ResID  DepID  Subpart   
 Resource Category  Resource Standard   
 Year(s)  ASCu grade  Ag grade   
 Ore (mt)  Cu grade  Co grade  ASCu amount  Ag amount   
 33,000,000   Cu equivalent  Au grade   
 Cu amount  Co amount  Cu cutoff  Au amount   
 Reference Page

RefNo	Resources Reference
44	Dixon, Roger, Simposya, Victor, Takolia, Ebrahim, Waldeck, Wally, Salter, Henrietta, von Wielligh, Anton, Naismith, Alan, Cilliers, Petrus, and McNeill, R., 2009, An independent technical report on the material assets of Katanga Mining Limited, Katanga Province, Democratic Republic of Congo ("DRC"): SRK Consulting Technical Report, prepared for Katanga Mining Ltd., March 17, 2009, 216 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)

ResID  DepID  Subpart   
 Resource Category  Resource Standard   
 Year(s)  ASCu grade  Ag grade   
 Ore (mt)  Cu grade  Co grade  ASCu amount  Ag amount   
 35,700,000   Cu equivalent  Au grade

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Cu amount  Co amount  Cu cutoff  Au amount   
Reference Page 44 (p. 14)

## RefNo Resources Reference

- 44 Dixon, Roger, Simposya, Victor, Takolia, Ebrahim, Waldeck, Wally, Salter, Henrietta, von Wielligh, Anton, Naismith, Alan, Cilliers, Petrus, and McNeill, R., 2009, An independent technical report on the material assets of Katanga Mining Limited, Katanga Province, Democratic Republic of Congo ("DRC"): SRK Consulting Technical Report, prepared for Katanga Mining Ltd., March 17, 2009, 216 p. (Also available at <http://www.sedar.com>.)

ResID  146 DepID  58 Subpart  Kamoto Mine  
Resource Category  inferred Resource Standard  CIM  
Year(s)  2009 ASCu grade  Ag grade   
Ore (mt)  10,600,000 Cu grade  5.22 Co grade  0.53 ASCu amount  Ag amount   
Cu equivalent  Au grade   
Cu amount  Co amount  Cu cutoff  Au amount   
Reference Page 44 (p. 14)

## RefNo Resources Reference

- 44 Dixon, Roger, Simposya, Victor, Takolia, Ebrahim, Waldeck, Wally, Salter, Henrietta, von Wielligh, Anton, Naismith, Alan, Cilliers, Petrus, and McNeill, R., 2009, An independent technical report on the material assets of Katanga Mining Limited, Katanga Province, Democratic Republic of Congo ("DRC"): SRK Consulting Technical Report, prepared for Katanga Mining Ltd., March 17, 2009, 216 p. (Also available at <http://www.sedar.com>.)



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Group Name	DIMA	DepID	59	MRDS	10256244
Deposit Name	DIMA	Property	Kolwezi Dome		
Total Endowment		Latitude	-10.7423	Longitude	25.3785
DepID	Ore(mt)	Cu(pct)	Co(pct)		
59	280,473,964	2.79	0.189		
Other Names		Kamoto Principal, and Kamoto Etang			
Includes		Dikuluwe, Mashamba East, Mashamba West, Jonction, Cuvette, Cuvette Mashamba			
Site Activity		development <input type="checkbox"/> Production <input checked="" type="checkbox"/>			
Deposit Type		Sediment-hosted stratabound copper deposit			
DepositSubtype		Reduced-facies, carbonate ecaille			

RefNo	Deposit Reference
42	Jobin-Bevans, Scott, Lotriet, M.P., Heili, Christian, Meintjes, Adriaan, and Naismith, Alan, 2006, Technical report for the Kamoto Copper Company, Kolwezi, Katanga Province, Democratic Republic of the Congo: McIntosh RSV LLC Technical Report, prepared for Kamoto Copper Company, May 16, 2006, 251 p., accessed July 17, 2009, at <a href="http://Fratcliffphotos.free.fr/kamoto/Ftechnical_report.pdf">http://Fratcliffphotos.free.fr/kamoto/Ftechnical_report.pdf</a> .
71	Huderek, Richard, 2008a, Katangan Copperbelt: Google Earth KML file, accessed July-September 2009 and Oct. 2010, at <a href="http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml">http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml</a> .

ResID	139	DepID	59	Subpart	Dikuluwe	
Resource Category		production		Resource Standard		NA
Year(s)	1975-1993	ASCu grade		Ag grade		
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount		
26,062,244	5.47	0.1	Cu equivalent	Au grade		
	Cu amount	Co amount	Cu cutoff	Au amount		
Reference Page			42 (p. 39)			

RefNo	Resources Reference
42	Jobin-Bevans, Scott, Lotriet, M.P., Heili, Christian, Meintjes, Adriaan, and Naismith, Alan, 2006, Technical report for the Kamoto Copper Company, Kolwezi, Katanga Province, Democratic Republic of the Congo: McIntosh RSV LLC Technical Report, prepared for Kamoto Copper Company, May 16, 2006, 251 p., accessed July 17, 2009, at <a href="http://Fratcliffphotos.free.fr/kamoto/Ftechnical_report.pdf">http://Fratcliffphotos.free.fr/kamoto/Ftechnical_report.pdf</a> .

ResID	140	DepID	59	Subpart	Mashamba West	
Resource Category		production		Resource Standard		NA
Year(s)	1978-1995	ASCu grade		Ag grade		

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Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount
21,816,840	4.35	0.14		
			Cu equivalent	Au grade
	Cu amount	Co amount	Cu cutoff	Au amount
Reference Page				42 (p. 39)

RefNo	Resources Reference
42	Jobin-Bevans, Scott, Lotriet, M.P., Heili, Christian, Meintjes, Adriaan, and Naismith, Alan, 2006, Technical report for the Kamoto Copper Company, Kolwezi, Katanga Province, Democratic Republic of the Congo: McIntosh RSV LLC Technical Report, prepared for Kamoto Copper Company, May 16, 2006, 251 p., accessed July 17, 2009, at <a href="http://Fratcliffphotos.free.fr/kamoto/Ftechnical_report.pdf">http://Fratcliffphotos.free.fr/kamoto/Ftechnical_report.pdf</a> .

ResID	141	DepID	59	Subpart	Mashamba East
Resource Category			production	Resource Standard	
Year(s)			1985-1988		
			ASCu grade	Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount	
9,794,880	4.96	0.35			
			Cu equivalent	Au grade	
	Cu amount	Co amount	Cu cutoff	Au amount	
Reference Page				42 (p. 38)	

RefNo	Resources Reference
42	Jobin-Bevans, Scott, Lotriet, M.P., Heili, Christian, Meintjes, Adriaan, and Naismith, Alan, 2006, Technical report for the Kamoto Copper Company, Kolwezi, Katanga Province, Democratic Republic of the Congo: McIntosh RSV LLC Technical Report, prepared for Kamoto Copper Company, May 16, 2006, 251 p., accessed July 17, 2009, at <a href="http://Fratcliffphotos.free.fr/kamoto/Ftechnical_report.pdf">http://Fratcliffphotos.free.fr/kamoto/Ftechnical_report.pdf</a> .

ResID	147	DepID	59	Subpart	Mashamba East Mine
Resource Category			indicated	Resource Standard	
Year(s)			2009		
			ASCu grade	Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount	
75,000,000	1.8	0.38			
			Cu equivalent	Au grade	
	Cu amount	Co amount	Cu cutoff	Au amount	
			0		
Reference Page				44 (p. 14, 111)	

RefNo	Resources Reference
44	Dixon, Roger, Simposya, Victor, Takolia, Ebrahim, Waldeck, Wally, Salter, Henrietta, von Wielligh, Anton, Naismith, Alan, Cilliers, Petrus, and McNeill, R., 2009, An independent technical report on the material assets of Katanga Mining Limited, Katanga Province, Democratic Republic of Congo ("DRC"): SRK Consulting Technical Report, prepared for Katanga Mining Ltd., March 17, 2009, 216 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)

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ResID	148	DepID	59	Subpart	Mashamba East Mine
Resource Category	inferred			Resource Standard	CIM
Year(s)	2009	ASCu grade		Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount	
65,300,000	0.76	0.1	Cu equivalent	Au grade	
	Cu amount	Co amount	Cu cutoff	Au amount	
			0		
			Reference Page	44 (p. 14, 111)	

RefNo	Resources Reference
44	Dixon, Roger, Simposya, Victor, Takolia, Ebrahim, Waldeck, Wally, Salter, Henrietta, von Wielligh, Anton, Naismith, Alan, Cilliers, Petrus, and McNeill, R., 2009, An independent technical report on the material assets of Katanga Mining Limited, Katanga Province, Democratic Republic of Congo ("DRC"): SRK Consulting Technical Report, prepared for Katanga Mining Ltd., March 17, 2009, 216 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)

ResID	163	DepID	59	Subpart	Mashamba West
Resource Category	measured			Resource Standard	CIM
Year(s)	2007	ASCu grade		Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount	
13,600,000	2.97	0.18	Cu equivalent	Au grade	
	Cu amount	Co amount	Cu cutoff	Au amount	
			Reference Page	44 (p. 113)	

RefNo	Resources Reference
44	Dixon, Roger, Simposya, Victor, Takolia, Ebrahim, Waldeck, Wally, Salter, Henrietta, von Wielligh, Anton, Naismith, Alan, Cilliers, Petrus, and McNeill, R., 2009, An independent technical report on the material assets of Katanga Mining Limited, Katanga Province, Democratic Republic of Congo ("DRC"): SRK Consulting Technical Report, prepared for Katanga Mining Ltd., March 17, 2009, 216 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)

ResID	164	DepID	59	Subpart	Mashamba West
Resource Category	indicated			Resource Standard	CIM
Year(s)	2007	ASCu grade		Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount	
3,100,000	2.87	0.13	Cu equivalent	Au grade	

Cu amount  Co amount  Cu cutoff  Au amount   
 Reference Page

RefNo Resources Reference

- 44 Dixon, Roger, Simposya, Victor, Takolia, Ebrahim, Waldeck, Wally, Salter, Henrietta, von Wielligh, Anton, Naismith, Alan, Cilliers, Petrus, and McNeill, R., 2009, An independent technical report on the material assets of Katanga Mining Limited, Katanga Province, Democratic Republic of Congo ("DRC"): SRK Consulting Technical Report, prepared for Katanga Mining Ltd., March 17, 2009, 216 p. (Also available at <http://www.sedar.com>.)

ResID  DepID  Subpart   
 Resource Category  Resource Standard   
 Year(s)  ASCu grade  Ag grade   
 Ore (mt)  Cu grade  Co grade  ASCu amount  Ag amount   
 Cu equivalent  Au grade   
 Cu amount  Co amount  Cu cutoff  Au amount   
 Reference Page

RefNo Resources Reference

- 44 Dixon, Roger, Simposya, Victor, Takolia, Ebrahim, Waldeck, Wally, Salter, Henrietta, von Wielligh, Anton, Naismith, Alan, Cilliers, Petrus, and McNeill, R., 2009, An independent technical report on the material assets of Katanga Mining Limited, Katanga Province, Democratic Republic of Congo ("DRC"): SRK Consulting Technical Report, prepared for Katanga Mining Ltd., March 17, 2009, 216 p. (Also available at <http://www.sedar.com>.)

ResID  DepID  Subpart   
 Resource Category  Resource Standard   
 Year(s)  ASCu grade  Ag grade   
 Ore (mt)  Cu grade  Co grade  ASCu amount  Ag amount   
 Cu equivalent  Au grade   
 Cu amount  Co amount  Cu cutoff  Au amount   
 Reference Page

RefNo Resources Reference

- 44 Dixon, Roger, Simposya, Victor, Takolia, Ebrahim, Waldeck, Wally, Salter, Henrietta, von Wielligh, Anton, Naismith, Alan, Cilliers, Petrus, and McNeill, R., 2009, An independent technical report on the material assets of Katanga Mining Limited, Katanga Province, Democratic Republic of Congo ("DRC"): SRK Consulting Technical Report, prepared for Katanga Mining Ltd., March 17, 2009, 216 p. (Also available at <http://www.sedar.com>.)

ResID  DepID  Subpart   
 Resource Category  Resource Standard

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Year(s)	2007		ASCu grade		Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount		Ag amount	
32,900,000	3.97	0.09	Cu equivalent		Au grade	
	Cu amount	Co amount	Cu cutoff		Au amount	
			Reference Page	44 (p. 113)		

RefNo	Resources Reference
44	Dixon, Roger, Simposya, Victor, Takolia, Ebrahim, Waldeck, Wally, Salter, Henrietta, von Wielligh, Anton, Naismith, Alan, Cilliers, Petrus, and McNeill, R., 2009, An independent technical report on the material assets of Katanga Mining Limited, Katanga Province, Democratic Republic of Congo ("DRC"): SRK Consulting Technical Report, prepared for Katanga Mining Ltd., March 17, 2009, 216 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)

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Group Name	Kamoto-KOV-Musonie-Mupine			DepID	60	MRDS	10107362
Deposit Name	Musonie T17 West			Property	Kolwezi Dome		
Total Endowment				Latitude	-10.7135	Longitude	25.4433
DepID	Ore(mt)	Cu(pct)	Co(pct)	Country	Democratic Republic of the Congo		
60	30,977,200	2.38	0.606	Province	Katanga		
Other Names	Musonoi, T17 Mine						
Includes	Musonoie-T17 Ecaille Signal, and Musonoie-T17 Ecaille Ouest (West)						
Site Activity	active	Production	<input checked="" type="checkbox"/>				
Deposit Type	Sediment-hosted stratabound copper deposit			DepositSubtype	Reduced-facies, carbonate ecaille		

RefNo	Deposit Reference
42	Jobin-Bevans, Scott, Lotriet, M.P., Heili, Christian, Meintjes, Adriaan, and Naismith, Alan, 2006, Technical report for the Kamoto Copper Company, Kolwezi, Katanga Province, Democratic Republic of the Congo: McIntosh RSV LLC Technical Report, prepared for Kamoto Copper Company, May 16, 2006, 251 p., accessed July 17, 2009, at <a href="http://Fratcliffphotos.free.fr/kamoto/Ftechnical_report.pdf">http://Fratcliffphotos.free.fr/kamoto/Ftechnical_report.pdf</a> .
44	Dixon, Roger, Simposya, Victor, Takolia, Ebrahim, Waldeck, Wally, Salter, Henrietta, von Wielligh, Anton, Naismith, Alan, Cilliers, Petrus, and McNeill, R., 2009, An independent technical report on the material assets of Katanga Mining Limited, Katanga Province, Democratic Republic of Congo ("DRC"): SRK Consulting Technical Report, prepared for Katanga Mining Ltd., March 17, 2009, 216 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)
71	Huderek, Richard, 2008a, Katangan Copperbelt: Google Earth KML file, accessed July-September 2009 and Oct. 2010, at <a href="http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml">http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml</a> .

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ResID	21	DepID	60	Subpart	T17 Mine		
Resource Category	production			Resource Standard			
Year(s)	2008			ASCu grade		Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount			
479,500	1.72	0.89	Cu equivalent	Au grade			
	Cu amount	Co amount	Cu cutoff	Au amount			
				Reference Page	44 (p. 42)		

RefNo	Resources Reference
44	Dixon, Roger, Simposya, Victor, Takolia, Ebrahim, Waldeck, Wally, Salter, Henrietta, von Wielligh, Anton, Naismith, Alan, Cilliers, Petrus, and McNeill, R., 2009, An independent technical report on the material assets of Katanga Mining Limited, Katanga Province, Democratic Republic of Congo ("DRC"): SRK Consulting Technical Report, prepared for Katanga Mining Ltd., March 17, 2009, 216 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)

ResID	149	DepID	60	Subpart	T17 Mine		
Resource Category	indicated			Resource Standard	CIM		
Year(s)	2009			ASCu grade		Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount			
13,700,000	3.16	0.64	Cu equivalent	Au grade			
	Cu amount	Co amount	Cu cutoff	Au amount			
			0				
				Reference Page	44 (p. 14, 106)		

RefNo	Resources Reference
44	Dixon, Roger, Simposya, Victor, Takolia, Ebrahim, Waldeck, Wally, Salter, Henrietta, von Wielligh, Anton, Naismith, Alan, Cilliers, Petrus, and McNeill, R., 2009, An independent technical report on the material assets of Katanga Mining Limited, Katanga Province, Democratic Republic of Congo ("DRC"): SRK Consulting Technical Report, prepared for Katanga Mining Ltd., March 17, 2009, 216 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)

ResID	150	DepID	60	Subpart	T17 mine		
Resource Category	inferred			Resource Standard	CIM		
Year(s)	2009			ASCu grade		Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount			
16,700,000	1.77	0.57	Cu equivalent	Au grade			

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Cu amount  Co amount  Cu cutoff  Au amount   
  Reference Page

RefNo Resources Reference

44 Dixon, Roger, Simposya, Victor, Takolia, Ebrahim, Waldeck, Wally, Salter, Henrietta, von Wielligh, Anton, Naismith, Alan, Cilliers, Petrus, and McNeill, R., 2009, An independent technical report on the material assets of Katanga Mining Limited, Katanga Province, Democratic Republic of Congo ("DRC"): SRK Consulting Technical Report, prepared for Katanga Mining Ltd., March 17, 2009, 216 p. (Also available at <http://www.sedar.com>.)

ResID  DepID  Subpart

Resource Category  Resource Standard

Year(s)  ASCu grade  Ag grade

Ore (mt)  Cu grade  Co grade  ASCu amount  Ag amount

Cu equivalent  Au grade

Cu amount  Co amount  Cu cutoff  Au amount

Reference Page

RefNo Resources Reference

44 Dixon, Roger, Simposya, Victor, Takolia, Ebrahim, Waldeck, Wally, Salter, Henrietta, von Wielligh, Anton, Naismith, Alan, Cilliers, Petrus, and McNeill, R., 2009, An independent technical report on the material assets of Katanga Mining Limited, Katanga Province, Democratic Republic of Congo ("DRC"): SRK Consulting Technical Report, prepared for Katanga Mining Ltd., March 17, 2009, 216 p. (Also available at <http://www.sedar.com>.)



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Group Name	<input type="text" value="Kamoto-KOV-Musonie-Mupine"/>	DepID	<input type="text" value="61"/>	MRDS	<input type="text" value="10183504"/>
Deposit Name	<input type="text" value="KOV"/>	Property	<input type="text" value="Kolwezi Dome"/>		
Total Endowment		Latitude	<input type="text" value="-10.7134"/>	Longitude	<input type="text" value="25.4185"/>
DepID	Ore(mt)	Cu(pct)	Co(pct)		
61	235,900,000	4.87	0.394		
Other Names		<input type="text"/>			
Includes	<input type="text" value="Kamoto East, Oliveira, Virgule, FNSR, Oeuf, Variante, and Musonoi Extension Mine"/>				
Site Activity	<input type="text" value="development"/>	Production	<input checked="" type="checkbox"/>		
Deposit Type	<input type="text" value="Sediment-hosted stratabound copper deposit"/>	DepositSubtype	<input type="text" value="Reduced-facies, carbonate ecaille"/>		

RefNo	Deposit Reference
42	Jobin-Bevans, Scott, Lotriet, M.P., Heili, Christian, Meintjes, Adriaan, and Naismith, Alan, 2006, Technical report for the Kamoto Copper Company, Kolwezi, Katanga Province, Democratic Republic of the Congo: McIntosh RSV LLC Technical Report, prepared for Kamoto Copper Company, May 16, 2006, 251 p., accessed July 17, 2009, at <a href="http://Fratcliffphotos.free.fr/kamoto/Ftechnical_report.pdf">http://Fratcliffphotos.free.fr/kamoto/Ftechnical_report.pdf</a> .
43	Dixon, Roger, 2007, Independent technical report on the assets of Nikanor plc in the Katanga Province, Democratic Republic of Congo: SRK Consulting Project Technical Report No. 385848, prepared for Nikanor plc and Katanga Mining Ltd., Nov. 28, 2007, 185 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)
44	Dixon, Roger, Simposya, Victor, Takolia, Ebrahim, Waldeck, Wally, Salter, Henrietta, von Wielligh, Anton, Naismith, Alan, Cilliers, Petrus, and McNeill, R., 2009, An independent technical report on the material assets of Katanga Mining Limited, Katanga Province, Democratic Republic of Congo ("DRC"): SRK Consulting Technical Report, prepared for Katanga Mining Ltd., March 17, 2009, 216 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)
71	Huderek, Richard, 2008a, Katangan Copperbelt: Google Earth KML file, accessed July-September 2009 and Oct. 2010, at <a href="http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml">http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml</a> .

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ResID	142	DepID	61	Subpart	Kamoto East
Resource Category	production			Resource Standard	NA
Year(s)	1960-1985			ASCu grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag grade	
20,000,000	5.97	0.53		Ag amount	
			Cu equivalent	Au grade	
			Cu cutoff	Au amount	
	1,194,000	106,000			
			Reference Page	43 (p. 31)	

RefNo	Resources Reference
43	Dixon, Roger, 2007, Independent technical report on the assets of Nikanor plc in the Katanga Province, Democratic Republic of Congo: SRK Consulting Project Technical Report No. 385848, prepared for Nikanor plc and Katanga Mining Ltd., Nov. 28, 2007, 185 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)

ResID	143	DepID	61	Subpart	KOV
Resource Category	production			Resource Standard	NA
Year(s)	1983-2000			ASCu grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag grade	
18,000,000	5.56	0.48		Ag amount	
			Cu equivalent	Au grade	
			Cu cutoff	Au amount	
	1,001,000	86,000			
			Reference Page	43 (p. 31)	

RefNo	Resources Reference
43	Dixon, Roger, 2007, Independent technical report on the assets of Nikanor plc in the Katanga Province, Democratic Republic of Congo: SRK Consulting Project Technical Report No. 385848, prepared for Nikanor plc and Katanga Mining Ltd., Nov. 28, 2007, 185 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)

ResID	156	DepID	61	Subpart	Virgule
Resource Category	indicated			Resource Standard	CIM
Year(s)	2009			ASCu grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag grade	
66,000,000	5.47	0.32		Ag amount	
			Cu equivalent	Au grade	

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Cu amount  Co amount  Cu cutoff  0 Au amount

Reference Page  44 (p. 110)

RefNo Resources Reference

- 44 Dixon, Roger, Simposya, Victor, Takolia, Ebrahim, Waldeck, Wally, Salter, Henrietta, von Wielligh, Anton, Naismith, Alan, Cilliers, Petrus, and McNeill, R., 2009, An independent technical report on the material assets of Katanga Mining Limited, Katanga Province, Democratic Republic of Congo ("DRC"): SRK Consulting Technical Report, prepared for Katanga Mining Ltd., March 17, 2009, 216 p. (Also available at <http://www.sedar.com>.)

ResID  157 DepID  61 Subpart  Oliveira

Resource Category  indicated Resource Standard  CIM

Year(s)  2009 ASCu grade  Ag grade

Ore (mt)  Cu grade  Co grade  ASCu amount  Ag amount

47,000,000  4.82  0.51 Cu equivalent  Au grade

Cu amount  Co amount  Cu cutoff  0 Au amount

Reference Page  44 (p. 110)

RefNo Resources Reference

- 44 Dixon, Roger, Simposya, Victor, Takolia, Ebrahim, Waldeck, Wally, Salter, Henrietta, von Wielligh, Anton, Naismith, Alan, Cilliers, Petrus, and McNeill, R., 2009, An independent technical report on the material assets of Katanga Mining Limited, Katanga Province, Democratic Republic of Congo ("DRC"): SRK Consulting Technical Report, prepared for Katanga Mining Ltd., March 17, 2009, 216 p. (Also available at <http://www.sedar.com>.)

ResID  158 DepID  61 Subpart  FNSR

Resource Category  indicated Resource Standard  CIM

Year(s)  2009 ASCu grade  Ag grade

Ore (mt)  Cu grade  Co grade  ASCu amount  Ag amount

14,000,000  6.41  0.41 Cu equivalent  Au grade

Cu amount  Co amount  Cu cutoff  0 Au amount

Reference Page  44 (p. 110)

RefNo Resources Reference

- 44 Dixon, Roger, Simposya, Victor, Takolia, Ebrahim, Waldeck, Wally, Salter, Henrietta, von Wielligh, Anton, Naismith, Alan, Cilliers, Petrus, and McNeill, R., 2009, An independent technical report on the material assets of Katanga Mining Limited, Katanga Province, Democratic Republic of Congo ("DRC"): SRK Consulting Technical Report, prepared for Katanga Mining Ltd., March 17, 2009, 216 p. (Also available at <http://www.sedar.com>.)

ResID  159 DepID  61 Subpart  Kamoto East

Resource Category  inferred Resource Standard  CIM

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Year(s)	2009	ASCu grade		Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount	
40,000,000	5.04	0.31	Cu equivalent	Au grade	
	Cu amount	Co amount	Cu cutoff	Au amount	
			0		
Reference Page				44 (p. 110)	

RefNo	Resources Reference
44	Dixon, Roger, Simposya, Victor, Takolia, Ebrahim, Waldeck, Wally, Salter, Henrietta, von Wielligh, Anton, Naismith, Alan, Cilliers, Petrus, and McNeill, R., 2009, An independent technical report on the material assets of Katanga Mining Limited, Katanga Province, Democratic Republic of Congo ("DRC"): SRK Consulting Technical Report, prepared for Katanga Mining Ltd., March 17, 2009, 216 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)

ResID	160	DepID	61	Subpart	Virgule
Resource Category			inferred	Resource Standard	
				CIM	
Year(s)	2009	ASCu grade		Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount	
10,800,000	2.8	0.22	Cu equivalent	Au grade	
	Cu amount	Co amount	Cu cutoff	Au amount	
			0		
Reference Page				44 (p. 110)	

RefNo	Resources Reference
44	Dixon, Roger, Simposya, Victor, Takolia, Ebrahim, Waldeck, Wally, Salter, Henrietta, von Wielligh, Anton, Naismith, Alan, Cilliers, Petrus, and McNeill, R., 2009, An independent technical report on the material assets of Katanga Mining Limited, Katanga Province, Democratic Republic of Congo ("DRC"): SRK Consulting Technical Report, prepared for Katanga Mining Ltd., March 17, 2009, 216 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)

ResID	161	DepID	61	Subpart	Oliveira
Resource Category			inferred	Resource Standard	
				CIM	
Year(s)	2009	ASCu grade		Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount	
16,500,000	0.94	0.47	Cu equivalent	Au grade	

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Cu amount  Co amount  Cu cutoff  Au amount   
  Reference Page

RefNo Resources Reference

44 Dixon, Roger, Simposya, Victor, Takolia, Ebrahim, Waldeck, Wally, Salter, Henrietta, von Wielligh, Anton, Naismith, Alan, Cilliers, Petrus, and McNeill, R., 2009, An independent technical report on the material assets of Katanga Mining Limited, Katanga Province, Democratic Republic of Congo ("DRC"): SRK Consulting Technical Report, prepared for Katanga Mining Ltd., March 17, 2009, 216 p. (Also available at <http://www.sedar.com>.)

ResID  DepID  Subpart

Resource Category  Resource Standard

Year(s)  ASCu grade  Ag grade

Ore (mt)  Cu grade  Co grade  ASCu amount  Ag amount

Cu equivalent  Au grade

Cu amount  Co amount  Cu cutoff  Au amount

Reference Page

RefNo Resources Reference

44 Dixon, Roger, Simposya, Victor, Takolia, Ebrahim, Waldeck, Wally, Salter, Henrietta, von Wielligh, Anton, Naismith, Alan, Cilliers, Petrus, and McNeill, R., 2009, An independent technical report on the material assets of Katanga Mining Limited, Katanga Province, Democratic Republic of Congo ("DRC"): SRK Consulting Technical Report, prepared for Katanga Mining Ltd., March 17, 2009, 216 p. (Also available at <http://www.sedar.com>.)

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Group Name	<input type="text" value="Kananga"/>	DepID	<input type="text" value="62"/>	MRDS	<input type="text" value="10400568"/>
Deposit Name	<input type="text" value="Kananga"/>	Property	<input type="text" value="Kolwezi Dome"/>		
Total Endowment		Latitude	<input type="text" value="-10.6892"/>	Longitude	<input type="text" value="25.4588"/>
DepID	Ore(mt)	Cu(pct)	Co(pct)	Country	<input type="text" value="Democratic Republic of the Congo"/>
62	8,100,000	1.80	0.884	Province	<input type="text" value="Katanga"/>
Other Names	<input type="text"/>				
Includes	<input type="text" value="Kananga West"/>				
Site Activity	<input type="text" value="inactive"/>	Production	<input type="checkbox"/>		
Deposit Type	<input type="text" value="Sediment-hosted stratabound copper deposit"/>		DepositSubtype	<input type="text" value="Reduced-facies, carbonate ecaille"/>	

RefNo	Deposit Reference
43	Dixon, Roger, 2007, Independent technical report on the assets of Nikanor plc in the Katanga Province, Democratic Republic of Congo: SRK Consulting Project Technical Report No. 385848, prepared for Nikanor plc and Katanga Mining Ltd., Nov. 28, 2007, 185 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)
44	Dixon, Roger, Simposya, Victor, Takolia, Ebrahim, Waldeck, Wally, Salter, Henrietta, von Wielligh, Anton, Naismith, Alan, Cilliers, Petrus, and McNeill, R., 2009, An independent technical report on the material assets of Katanga Mining Limited, Katanga Province, Democratic Republic of Congo ("DRC"): SRK Consulting Technical Report, prepared for Katanga Mining Ltd., March 17, 2009, 216 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)
71	Huderek, Richard, 2008a, Katangan Copperbelt: Google Earth KML file, accessed July-September 2009 and Oct. 2010, at <a href="http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml">http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml</a> .

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ResID	151	DepID	62	Subpart	Kananga Mine	
Resource Category	indicated			Resource Standard	CIM	
Year(s)	2009			ASCu grade		Ag grade
Ore (mt)	Cu grade	Co grade	ASCu amount		Ag amount	
4,100,000	1.61	0.79	Cu equivalent		Au grade	
	Cu amount	Co amount	Cu cutoff		Au amount	
			Reference Page	44 (p. 14)		

RefNo	Resources Reference
44	Dixon, Roger, Simposya, Victor, Takolia, Ebrahim, Waldeck, Wally, Salter, Henrietta, von Wielligh, Anton, Naismith, Alan, Cilliers, Petrus, and McNeill, R., 2009, An independent technical report on the material assets of Katanga Mining Limited, Katanga Province, Democratic Republic of Congo ("DRC"): SRK Consulting Technical Report, prepared for Katanga Mining Ltd., March 17, 2009, 216 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)

ResID	152	DepID	62	Subpart	Kananga Mine	
Resource Category	inferred			Resource Standard	CIM	
Year(s)	2009			ASCu grade		Ag grade
Ore (mt)	Cu grade	Co grade	ASCu amount		Ag amount	
4,000,000	2	0.98	Cu equivalent		Au grade	
	Cu amount	Co amount	Cu cutoff		Au amount	
			Reference Page	44 (p. 14)		

RefNo	Resources Reference
44	Dixon, Roger, Simposya, Victor, Takolia, Ebrahim, Waldeck, Wally, Salter, Henrietta, von Wielligh, Anton, Naismith, Alan, Cilliers, Petrus, and McNeill, R., 2009, An independent technical report on the material assets of Katanga Mining Limited, Katanga Province, Democratic Republic of Congo ("DRC"): SRK Consulting Technical Report, prepared for Katanga Mining Ltd., March 17, 2009, 216 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)

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Group Name	<input type="text" value="Tilwezembe"/>	DepID	<input type="text" value="63"/>	MRDS	<input type="text" value="10400599"/>
Deposit Name	<input type="text" value="Tilwezembe"/>	Property	<input type="text" value="Kolwezi Dome - 27 km east"/>		
Total Endowment		Latitude	<input type="text" value="-10.7998"/>	Longitude	<input type="text" value="25.6921"/>
DepID	Ore(mt)	Cu(pct)	Co(pct)	Country	<input type="text" value="Democratic Republic of the Congo"/>
63	23,351,600	1.83	0.637	Province	<input type="text" value="Katanga"/>
Other Names	<input type="text"/>				
Includes	<input type="text"/>				
Site Activity	<input type="text" value="inactive"/>	Production	<input checked="" type="checkbox"/>		
Deposit Type	<input type="text" value="Structurally controlled replacement and vein"/>		DepositSubtype	<input type="text"/>	

RefNo	Deposit Reference
43	Dixon, Roger, 2007, Independent technical report on the assets of Nikanor plc in the Katanga Province, Democratic Republic of Congo: SRK Consulting Project Technical Report No. 385848, prepared for Nikanor plc and Katanga Mining Ltd., Nov. 28, 2007, 185 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)
44	Dixon, Roger, Simposya, Victor, Takolia, Ebrahim, Waldeck, Wally, Salter, Henrietta, von Wielligh, Anton, Naismith, Alan, Cilliers, Petrus, and McNeill, R., 2009, An independent technical report on the material assets of Katanga Mining Limited, Katanga Province, Democratic Republic of Congo ("DRC"): SRK Consulting Technical Report, prepared for Katanga Mining Ltd., March 17, 2009, 216 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)
71	Huderek, Richard, 2008a, Katangan Copperbelt: Google Earth KML file, accessed July-September 2009 and Oct. 2010, at <a href="http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml">http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml</a> .



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ResID	<input type="text" value="22"/>	DepID	<input type="text" value="63"/>	Subpart	<input type="text"/>
Resource Category	<input type="text" value="production"/>		Resource Standard	<input type="text"/>	
Year(s)	<input type="text" value="2005"/>	ASCu grade	<input type="text"/>	Ag grade	<input type="text"/>
Ore (mt)	<input type="text" value="52,000"/>	Cu grade	<input type="text" value="3.9"/>	Co grade	<input type="text" value="0.66"/>
		ASCu amount	<input type="text"/>	Ag amount	<input type="text"/>
		Cu equivalent	<input type="text"/>	Au grade	<input type="text"/>
		Cu amount	<input type="text"/>	Au amount	<input type="text"/>
		Co amount	<input type="text"/>		
		Cu cutoff	<input type="text"/>		
		Reference Page	<input type="text" value="44 (p. 43)"/>		

RefNo Resources Reference

44 Dixon, Roger, Simposya, Victor, Takolia, Ebrahim, Waldeck, Wally, Salter, Henrietta, von Wielligh, Anton, Naismith, Alan, Cilliers, Petrus, and McNeill, R., 2009, An independent technical report on the material assets of Katanga Mining Limited, Katanga Province, Democratic Republic of Congo ("DRC"): SRK Consulting Technical Report, prepared for Katanga Mining Ltd., March 17, 2009, 216 p. (Also available at <http://www.sedar.com>.)

ResID	<input type="text" value="23"/>	DepID	<input type="text" value="63"/>	Subpart	<input type="text"/>
Resource Category	<input type="text" value="production"/>		Resource Standard	<input type="text"/>	
Year(s)	<input type="text" value="2006"/>	ASCu grade	<input type="text"/>	Ag grade	<input type="text"/>
Ore (mt)	<input type="text" value="109,500"/>	Cu grade	<input type="text" value="1.91"/>	Co grade	<input type="text" value="0.81"/>
		ASCu amount	<input type="text"/>	Ag amount	<input type="text"/>
		Cu equivalent	<input type="text"/>	Au grade	<input type="text"/>
		Cu amount	<input type="text"/>	Au amount	<input type="text"/>
		Co amount	<input type="text"/>		
		Cu cutoff	<input type="text"/>		
		Reference Page	<input type="text" value="44 (p. 43)"/>		

RefNo Resources Reference

44 Dixon, Roger, Simposya, Victor, Takolia, Ebrahim, Waldeck, Wally, Salter, Henrietta, von Wielligh, Anton, Naismith, Alan, Cilliers, Petrus, and McNeill, R., 2009, An independent technical report on the material assets of Katanga Mining Limited, Katanga Province, Democratic Republic of Congo ("DRC"): SRK Consulting Technical Report, prepared for Katanga Mining Ltd., March 17, 2009, 216 p. (Also available at <http://www.sedar.com>.)

ResID	<input type="text" value="71"/>	DepID	<input type="text" value="63"/>	Subpart	<input type="text"/>
Resource Category	<input type="text" value="production"/>		Resource Standard	<input type="text"/>	
Year(s)	<input type="text" value="2007"/>	ASCu grade	<input type="text"/>	Ag grade	<input type="text"/>
Ore (mt)	<input type="text" value="480,300"/>	Cu grade	<input type="text" value="1.72"/>	Co grade	<input type="text" value="1.07"/>
		ASCu amount	<input type="text"/>	Ag amount	<input type="text"/>
		Cu equivalent	<input type="text"/>	Au grade	<input type="text"/>

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Cu amount  Co amount  Cu cutoff  Au amount

Reference Page 44 (p. 43)

RefNo Resources Reference

- 44 Dixon, Roger, Simposya, Victor, Takolia, Ebrahim, Waldeck, Wally, Salter, Henrietta, von Wielligh, Anton, Naismith, Alan, Cilliers, Petrus, and McNeill, R., 2009, An independent technical report on the material assets of Katanga Mining Limited, Katanga Province, Democratic Republic of Congo ("DRC"): SRK Consulting Technical Report, prepared for Katanga Mining Ltd., March 17, 2009, 216 p. (Also available at <http://www.sedar.com>.)

ResID  72 DepID  63 Subpart

Resource Category  production Resource Standard

Year(s)  2008 ASCu grade  Ag grade

Ore (mt)  Cu grade  Co grade  ASCu amount  Ag amount

609,800  1.39  1.17 Cu equivalent  Au grade

Cu amount  Co amount  Cu cutoff  Au amount

Reference Page 44 (p. 43)

RefNo Resources Reference

- 44 Dixon, Roger, Simposya, Victor, Takolia, Ebrahim, Waldeck, Wally, Salter, Henrietta, von Wielligh, Anton, Naismith, Alan, Cilliers, Petrus, and McNeill, R., 2009, An independent technical report on the material assets of Katanga Mining Limited, Katanga Province, Democratic Republic of Congo ("DRC"): SRK Consulting Technical Report, prepared for Katanga Mining Ltd., March 17, 2009, 216 p. (Also available at <http://www.sedar.com>.)

ResID  153 DepID  63 Subpart  Tilwezembe Mine

Resource Category  indicated Resource Standard  CIM

Year(s)  2009 ASCu grade  Ag grade

Ore (mt)  Cu grade  Co grade  ASCu amount  Ag amount

9,000,000  1.89  0.6 Cu equivalent  Au grade

Cu amount  Co amount  Cu cutoff  0.5 Au amount

Reference Page 44 (p. 14, 107)

RefNo Resources Reference

- 44 Dixon, Roger, Simposya, Victor, Takolia, Ebrahim, Waldeck, Wally, Salter, Henrietta, von Wielligh, Anton, Naismith, Alan, Cilliers, Petrus, and McNeill, R., 2009, An independent technical report on the material assets of Katanga Mining Limited, Katanga Province, Democratic Republic of Congo ("DRC"): SRK Consulting Technical Report, prepared for Katanga Mining Ltd., March 17, 2009, 216 p. (Also available at <http://www.sedar.com>.)

ResID  154 DepID  63 Subpart  Tilwezembe Mine

Resource Category  inferred Resource Standard  CIM

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Year(s)	2009		ASCu grade		Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount		Ag amount	
13,100,000	1.8	0.62	Cu equivalent		Au grade	
	Cu amount	Co amount	Cu cutoff	0.5	Au amount	
			Reference Page	44 (p. 14, 107)		

RefNo	Resources Reference
44	Dixon, Roger, Simposya, Victor, Takolia, Ebrahim, Waldeck, Wally, Salter, Henrietta, von Wielligh, Anton, Naismith, Alan, Cilliers, Petrus, and McNeill, R., 2009, An independent technical report on the material assets of Katanga Mining Limited, Katanga Province, Democratic Republic of Congo ("DRC"): SRK Consulting Technical Report, prepared for Katanga Mining Ltd., March 17, 2009, 216 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)

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Group Name	<input type="text" value="Ruashi"/>	DepID	<input type="text" value="64"/>	MRDS	<input type="text" value="10400556"/>
Deposit Name	<input type="text" value="Ruashi"/>	Property	<input type="text" value="Ruashi-Etoile"/>		
Total Endowment					
DepID	Ore(mt)	Cu(pct)	Co(pct)	Latitude	Longitude
64	45,843,595	2.81	0.246	-11.619	27.5444
				Country	<input type="text" value="Democratic Republic of the Congo"/>
				Province	<input type="text" value="Katanga"/>
Other Names	<input type="text" value="Etoile, Star of Africa"/>				
Includes	<input type="text"/>				
Site Activity	<input type="text" value="active"/>	Production	<input checked="" type="checkbox"/>		
Deposit Type	<input type="text" value="Sediment-hosted stratabound copper deposit"/>		DepositSubtype	<input type="text" value="Reduced-facies, carbonate ecaille"/>	

RefNo	Deposit Reference
45	Metorex Ltd., 2008, 2008 Annual Report: Metorex Ltd. Annual Report, 125 p., accessed May 27, 2010, at <a href="http://www.metorex.co.za/downloads/annual_reports/2008/Metorex_23_Dec2008.pdf">http://www.metorex.co.za/downloads/annual_reports/2008/Metorex_23_Dec2008.pdf</a> .
71	Huderek, Richard, 2008a, Katangan Copperbelt: Google Earth KML file, accessed July-September 2009 and Oct. 2010, at <a href="http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml">http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml</a> .

ResID	<input type="text" value="73"/>	DepID	<input type="text" value="64"/>	Subpart	<input type="text"/>
Resource Category	<input type="text" value="production"/>		Resource Standard	<input type="text"/>	
Year(s)	<input type="text" value="2007"/>	ASCu grade	<input type="text"/>	Ag grade	<input type="text"/>
Ore (mt)	<input type="text" value="473,090"/>	Cu grade	<input type="text" value="2.9"/>	Ag amount	<input type="text" value="0.6"/>
		Co grade	<input type="text" value="0.6"/>		
		ASCu amount	<input type="text"/>	Au grade	<input type="text"/>
		Cu equivalent	<input type="text"/>	Au amount	<input type="text"/>
		Cu amount	<input type="text"/>		
		Co amount	<input type="text"/>		
		Cu cutoff	<input type="text"/>		
Reference Page <input type="text" value="45 (p. 20)"/>					

  

RefNo	Resources Reference
45	Metorex Ltd., 2008, 2008 Annual Report: Metorex Ltd. Annual Report, 125 p., accessed May 27, 2010, at <a href="http://www.metorex.co.za/downloads/annual_reports/2008/Metorex_23_Dec2008.pdf">http://www.metorex.co.za/downloads/annual_reports/2008/Metorex_23_Dec2008.pdf</a> .

  

ResID	<input type="text" value="74"/>	DepID	<input type="text" value="64"/>	Subpart	<input type="text"/>
Resource Category	<input type="text" value="production"/>		Resource Standard	<input type="text"/>	
Year(s)	<input type="text" value="2008"/>	ASCu grade	<input type="text"/>	Ag grade	<input type="text"/>

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Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount
601,505	3.2	0.4		
			Cu equivalent	Au grade
	Cu amount	Co amount	Cu cutoff	Au amount
			Reference Page	45 (p. 20)

RefNo	Resources Reference
45	Metorex Ltd., 2008, 2008 Annual Report: Metorex Ltd. Annual Report, 125 p., accessed May 27, 2010, at <a href="http://www.metorex.co.za/downloads/annual_reports/2008/Metorex_23_Dec2008.pdf">http://www.metorex.co.za/downloads/annual_reports/2008/Metorex_23_Dec2008.pdf</a> .

ResID	176	DepID	64	Subpart	Ruashi I, II, and III oxide only
Resource Category	indicated			Resource Standard	JORC
Year(s)	2008	ASCu grade		Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount	
44,769,000	2.8	0.24			
			Cu equivalent	Au grade	
	Cu amount	Co amount	Cu cutoff	Au amount	
	1,253,532	107,446	3.5		
			Reference Page	45 (p. 116)	

RefNo	Resources Reference
45	Metorex Ltd., 2008, 2008 Annual Report: Metorex Ltd. Annual Report, 125 p., accessed May 27, 2010, at <a href="http://www.metorex.co.za/downloads/annual_reports/2008/Metorex_23_Dec2008.pdf">http://www.metorex.co.za/downloads/annual_reports/2008/Metorex_23_Dec2008.pdf</a> .

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Group Name  DepID  MRDS

Deposit Name  Property

Total Endowment

Latitude  Longitude

Country

Province

DepID	Ore(mt)	Cu(pct)	Co(pct)
65	47,500,000	2.20	

Other Names

Includes

Site Activity  Production ☐

Deposit Type  DepositSubtype

RefNo	Deposit Reference
45	Metorex Ltd., 2008, 2008 Annual Report: Metorex Ltd. Annual Report, 125 p., accessed May 27, 2010, at <a href="http://www.metorex.co.za/downloads/annual_reports/2008/Metorex_23_Dec2008.pdf">http://www.metorex.co.za/downloads/annual_reports/2008/Metorex_23_Dec2008.pdf</a> .

ResID <input type="text" value="177"/>	DepID <input type="text" value="65"/>	Subpart <input type="text"/>
Resource Category <input type="text" value="inferred"/>		Resource Standard <input type="text" value="JORC"/>
Year(s) <input type="text" value="2008"/>	ASCu grade <input type="text"/>	Ag grade <input type="text"/>
Ore (mt) <input type="text" value="47,500,000"/>	Cu grade <input type="text" value="2.2"/>	Co grade <input type="text"/>
	ASCu amount <input type="text"/>	Ag amount <input type="text"/>
	Cu equivalent <input type="text"/>	Au grade <input type="text"/>
	Cu amount <input type="text" value="1,045,000"/>	Co amount <input type="text"/>
	Cu cutoff <input type="text"/>	Au amount <input type="text"/>
Reference Page <input type="text" value="45 (p. 118)"/>		

RefNo	Resources Reference
45	Metorex Ltd., 2008, 2008 Annual Report: Metorex Ltd. Annual Report, 125 p., accessed May 27, 2010, at <a href="http://www.metorex.co.za/downloads/annual_reports/2008/Metorex_23_Dec2008.pdf">http://www.metorex.co.za/downloads/annual_reports/2008/Metorex_23_Dec2008.pdf</a> .

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Group Name  DepID  MRDS

Deposit Name  Property

Total Endowment

DepID	Ore(mt)	Cu(pct)	Co(pct)
66	16,935,836	4.02	

Latitude  Longitude

Country

Province

Other Names

Includes

Site Activity  Production ☒

Deposit Type  DepositSubtype

RefNo	Deposit Reference
46	First Quantum Minerals Ltd., 2008, Annual information form as at Dec. 31, 2007, [dated March 28, 2008]: First Quantum Minerals Ltd. Annual Information Form, 61 p.
47	Stephens, A.J., and Newall, G.C., 2003, The Lonshi copper mine, Katanga Province, Democratic Republic of the Congo: First Quantum Minerals Ltd. Form 43-101F1 Technical Report, March 26, 2003, amending the January 30, 2003 report, 35 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)
49	First Quantum Minerals Ltd., 2004, 04 Annual Report: First Quantum Minerals Ltd. Annual Report, 72 p.
77	Kirkham, Rodney, and Broughton, David, 2005, Supplement to the sediment-hosted stratiform copper ore system, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Littleton, Colorado, Society of Economic Geologists, Inc., p. 609–642.

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ResID	<input type="text" value="8"/>	DepID	<input type="text" value="66"/>	Subpart	<input type="text"/>
Resource Category	<input type="text" value="production"/>			Resource Standard	<input type="text"/>
Year(s)	<input type="text" value="2005"/>	ASCu grade	<input type="text"/>	Ag grade	<input type="text"/>
Ore (mt)	<input type="text" value="1,352,000"/>	Cu grade	<input type="text" value="4.2"/>	Co grade	<input type="text"/>
		ASCu amount	<input type="text"/>	Ag amount	<input type="text"/>
		Cu equivalent	<input type="text"/>	Au grade	<input type="text"/>
		Cu amount	<input type="text" value="49,538"/>	Co amount	<input type="text"/>
		Cu cutoff	<input type="text"/>	Au amount	<input type="text"/>
				Reference Page	<input type="text" value="46 (p. 12 of 61)"/>

RefNo	<input type="text" value="46"/>	Resources Reference	<input type="text" value="First Quantum Minerals Ltd., 2008, Annual information form as at Dec. 31, 2007, [dated March 28, 2008]: First Quantum Minerals Ltd. Annual Information Form, 61 p."/>
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ResID	<input type="text" value="9"/>	DepID	<input type="text" value="66"/>	Subpart	<input type="text"/>
Resource Category	<input type="text" value="production"/>			Resource Standard	<input type="text"/>
Year(s)	<input type="text" value="2006"/>	ASCu grade	<input type="text"/>	Ag grade	<input type="text"/>
Ore (mt)	<input type="text" value="1,265,000"/>	Cu grade	<input type="text" value="4.5"/>	Co grade	<input type="text"/>
		ASCu amount	<input type="text"/>	Ag amount	<input type="text"/>
		Cu equivalent	<input type="text"/>	Au grade	<input type="text"/>
		Cu amount	<input type="text" value="51,068"/>	Co amount	<input type="text"/>
		Cu cutoff	<input type="text"/>	Au amount	<input type="text"/>
				Reference Page	<input type="text" value="46 (p. 12 of 61)"/>

RefNo	<input type="text" value="46"/>	Resources Reference	<input type="text" value="First Quantum Minerals Ltd., 2008, Annual information form as at Dec. 31, 2007, [dated March 28, 2008]: First Quantum Minerals Ltd. Annual Information Form, 61 p."/>
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ResID	<input type="text" value="10"/>	DepID	<input type="text" value="66"/>	Subpart	<input type="text"/>
Resource Category	<input type="text" value="production"/>			Resource Standard	<input type="text"/>
Year(s)	<input type="text" value="2007"/>	ASCu grade	<input type="text"/>	Ag grade	<input type="text"/>
Ore (mt)	<input type="text" value="1,276,000"/>	Cu grade	<input type="text" value="2.3"/>	Co grade	<input type="text"/>
		ASCu amount	<input type="text"/>	Ag amount	<input type="text"/>
		Cu equivalent	<input type="text"/>	Au grade	<input type="text"/>



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Cu amount 25,402 Co amount Cu cutoff Au amount

Reference Page 46 (p. 12 of 61)

## RefNo Resources Reference

46 First Quantum Minerals Ltd., 2008, Annual information form as at Dec. 31, 2007, [dated March 28, 2008]: First Quantum Minerals Ltd. Annual Information Form, 61 p.

ResID 11 DepID 66 Subpart

Resource Category production Resource Standard

Year(s) 2004 ASCu grade Ag grade

Ore (mt) Cu grade Co grade ASCu amount Ag amount

669,000 5.5 Cu equivalent Au grade

Cu amount Co amount Cu cutoff Au amount

Reference Page 49 (p. 33 or p. 35 of 76)

## RefNo Resources Reference

49 First Quantum Minerals Ltd., 2004, 04 Annual Report: First Quantum Minerals Ltd. Annual Report, 72 p.

ResID 12 DepID 66 Subpart

Resource Category production Resource Standard

Year(s) 2003 ASCu grade Ag grade

Ore (mt) Cu grade Co grade ASCu amount Ag amount

711,000 4.8 Cu equivalent Au grade

Cu amount Co amount Cu cutoff Au amount

Reference Page 49 (p. 33 or p. 35 of 76)

## RefNo Resources Reference

49 First Quantum Minerals Ltd., 2004, 04 Annual Report: First Quantum Minerals Ltd. Annual Report, 72 p.

ResID 13 DepID 66 Subpart

Resource Category production Resource Standard

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Year(s)	2002	ASCu grade		Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount	
1,195,000	4.6		Cu equivalent	Au grade	
	Cu amount	Co amount	Cu cutoff	Au amount	

Reference Page 49 (p. 33 or p. 35 of 76)

RefNo Resources Reference

49 First Quantum Minerals Ltd., 2004, 04 Annual Report: First Quantum Minerals Ltd. Annual Report, 72 p.

ResID	168	DepID	66	Subpart	Lonshi-oxide
Resource Category	measured	Resource Standard	CIM		
Year(s)	2007	ASCu grade	5.91	Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount	
285,620	6.88		Cu equivalent	Au grade	
	Cu amount	Co amount	Cu cutoff	Au amount	

Reference Page 46 (p. 12 or p. 15 of 61)

RefNo Resources Reference

46 First Quantum Minerals Ltd., 2008, Annual information form as at Dec. 31, 2007, [dated March 28, 2008]: First Quantum Minerals Ltd. Annual Information Form, 61 p.

ResID	169	DepID	66	Subpart	Lonshi-oxide
Resource Category	indicated	Resource Standard	CIM		
Year(s)	2007	ASCu grade	6.88	Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount	
21,484	8.36		Cu equivalent	Au grade	

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Cu amount  Co amount  Cu cutoff  Au amount   
 Reference Page

RefNo Resources Reference

46 First Quantum Minerals Ltd., 2008, Annual information form as at Dec. 31, 2007, [dated March 28, 2008]: First Quantum Minerals Ltd. Annual Information Form, 61 p.

ResID  DepID  Subpart   
 Resource Category  Resource Standard   
 Year(s)  ASCu grade  Ag grade   
 Ore (mt)  Cu grade  Co grade  ASCu amount  Ag amount   
   Cu equivalent  Au grade   
 Cu amount  Co amount  Cu cutoff  Au amount   
 Reference Page

RefNo Resources Reference

46 First Quantum Minerals Ltd., 2008, Annual information form as at Dec. 31, 2007, [dated March 28, 2008]: First Quantum Minerals Ltd. Annual Information Form, 61 p.

ResID  DepID  Subpart   
 Resource Category  Resource Standard   
 Year(s)  ASCu grade  Ag grade   
 Ore (mt)  Cu grade  Co grade  ASCu amount  Ag amount   
   Cu equivalent  Au grade   
 Cu amount  Co amount  Cu cutoff  Au amount   
  Reference Page

RefNo Resources Reference

46 First Quantum Minerals Ltd., 2008, Annual information form as at Dec. 31, 2007, [dated March 28, 2008]: First Quantum Minerals Ltd. Annual Information Form, 61 p.

ResID  DepID  Subpart   
 Resource Category  Resource Standard

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Year(s)	08/2001-12/2002		ASCu grade	4.59	Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	60,851	Ag amount	
1,325,062			Cu equivalent		Au grade	
	Cu amount	Co amount	Cu cutoff		Au amount	
			Reference Page 47 (p. 22)			

RefNo	Resources Reference
47	Stephens, A.J., and Newall, G.C., 2003, The Lonshi copper mine, Katanga Province, Democratic Republic of the Congo: First Quantum Minerals Ltd. Form 43-101F1 Technical Report, March 26, 2003, amending the January 30, 2003 report, 35 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)

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Group Name  DepID  MRDS

Deposit Name  Property

Total Endowment

DepID	Ore(mt)	Cu(pct)	Co(pct)
67	284,247,567	1.17	

Latitude  Longitude

Country

Province

Other Names

Includes

Site Activity  Production ☐

Deposit Type  DepositSubtype

RefNo	Deposit Reference
46	First Quantum Minerals Ltd., 2008, Annual information form as at Dec. 31, 2007, [dated March 28, 2008]: First Quantum Minerals Ltd. Annual Information Form, 61 p.
71	Huderek, Richard, 2008a, Katangan Copperbelt: Google Earth KML file, accessed July-September 2009 and Oct. 2010, at <a href="http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml">http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml</a> .

ResID <input type="text" value="172"/>	DepID <input type="text" value="67"/>	Subpart <input type="text"/>
Resource Category <input type="text" value="measured"/>		Resource Standard <input type="text" value="CIM"/>
Year(s) <input type="text" value="2007"/>	ASCu grade <input type="text"/>	Ag grade <input type="text"/>
Ore (mt) <input type="text" value="120,011,659"/>	Cu grade <input type="text" value="1.16"/>	Co grade <input type="text"/>
	ASCu amount <input type="text"/>	Ag amount <input type="text"/>
	Cu equivalent <input type="text"/>	Au grade <input type="text"/>
	Cu amount <input type="text" value="1,388,145"/>	Co amount <input type="text"/>
	Cu cutoff <input type="text" value="0.35"/>	Au amount <input type="text"/>
Reference Page <input type="text" value="46 (p. 24)"/>		

  

RefNo	Resources Reference
46	First Quantum Minerals Ltd., 2008, Annual information form as at Dec. 31, 2007, [dated March 28, 2008]: First Quantum Minerals Ltd. Annual Information Form, 61 p.

  

ResID <input type="text" value="173"/>	DepID <input type="text" value="67"/>	Subpart <input type="text"/>
Resource Category <input type="text" value="indicated"/>		Resource Standard <input type="text" value="CIM"/>
Year(s) <input type="text" value="2007"/>	ASCu grade <input type="text"/>	Ag grade <input type="text"/>

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Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount
82,370,828	1.19			
			Cu equivalent	Au grade
	Cu amount	Co amount	Cu cutoff	Au amount
	977,248		0.35	
			Reference Page	46 (p. 24)

RefNo	Resources Reference
46	First Quantum Minerals Ltd., 2008, Annual information form as at Dec. 31, 2007, [dated March 28, 2008]: First Quantum Minerals Ltd. Annual Information Form, 61 p.

ResID	174	DepID	67	Subpart	
Resource Category	inferred	Resource Standard	CIM		
Year(s)	2007	ASCu grade		Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount	
81,865,080	1.15				
			Cu equivalent	Au grade	
	Cu amount	Co amount	Cu cutoff	Au amount	
	942,992		0.35		
			Reference Page	46 (p. 24)	

RefNo	Resources Reference
46	First Quantum Minerals Ltd., 2008, Annual information form as at Dec. 31, 2007, [dated March 28, 2008]: First Quantum Minerals Ltd. Annual Information Form, 61 p.

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Group Name  DepID  MRDS

Deposit Name  Property

Total Endowment

Latitude  Longitude

DepID	Ore(mt)	Cu(pct)	Co(pct)
68	50,215,648	4.09	0.001

Country

Province

Other Names

Includes

Site Activity  Production ☒

Deposit Type  DepositSubtype

RefNo	Deposit Reference
51	Anvil Mining Ltd., 2009a, Annual information form for the financial year ended Dec. 31, 2008 [dated March 31, 2009]: Anvil Mining Ltd. Annual Information Form, 67 p., accessed October 4, 2010, at <a href="http://www.anvilmining.com/files/090331%20AIF%202008%20_clean_(1).pdf">http://www.anvilmining.com/files/090331%20AIF%202008%20_clean_(1).pdf</a> .
71	Huderek, Richard, 2008a, Katangan Copperbelt: Google Earth KML file, accessed July-September 2009 and Oct. 2010, at <a href="http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml">http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml</a> .

ResID <input type="text" value="178"/>	DepID <input type="text" value="68"/>	Subpart <input type="text" value="Tshifufia South"/>
Resource Category <input type="text" value="production"/>		Resource Standard <input type="text" value="NA"/>
Year(s) <input type="text" value="1990's"/>	ASCu grade <input type="text"/>	Ag grade <input type="text"/>
Ore (mt) <input type="text" value="56,000"/>	Cu grade <input type="text" value="3.14"/>	Co grade <input type="text" value="0.76"/>
	ASCu amount <input type="text"/>	Ag amount <input type="text"/>
	Cu equivalent <input type="text"/>	Au grade <input type="text"/>
	Cu amount <input type="text" value="1,758"/>	Co amount <input type="text" value="426"/>
	Cu cutoff <input type="text"/>	Au amount <input type="text"/>
Reference Page <input type="text" value="51 (p. 24)"/>		

  

RefNo	Resources Reference
51	Anvil Mining Ltd., 2009a, Annual information form for the financial year ended Dec. 31, 2008 [dated March 31, 2009]: Anvil Mining Ltd. Annual Information Form, 67 p., accessed October 4, 2010, at <a href="http://www.anvilmining.com/files/090331%20AIF%202008%20_clean_(1).pdf">http://www.anvilmining.com/files/090331%20AIF%202008%20_clean_(1).pdf</a> .

  

ResID <input type="text" value="179"/>	DepID <input type="text" value="68"/>	Subpart <input type="text" value="oxide"/>
Resource Category <input type="text" value="measured+indicated"/>		Resource Standard <input type="text" value="CIM"/>
Year(s) <input type="text" value="2008"/>	ASCu grade <input type="text" value="3.07"/>	Ag grade <input type="text"/>

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Ore (mt)	Cu grade	Co grade	ASCu amount	798,400	Ag amount	
26,000,000	3.79		Cu equivalent		Au grade	
	Cu amount	Co amount	Cu cutoff	0.7	Au amount	
	985,700					
			Reference Page	51 (p. 30)		

RefNo	Resources Reference
51	Anvil Mining Ltd., 2009a, Annual information form for the financial year ended Dec. 31, 2008 [dated March 31, 2009]: Anvil Mining Ltd. Annual Information Form, 67 p., accessed October 4, 2010, at <a href="http://www.anvilmining.com/files/090331%20AIF%202008%20_clean_(1).pdf">http://www.anvilmining.com/files/090331%20AIF%202008%20_clean_(1).pdf</a> .

ResID	180	DepID	68	Subpart	sulfide
Resource Category	measured+indicated			Resource Standard	CIM
Year(s)	2008	ASCu grade		Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount	
3,760,000	3.7		Cu equivalent	Au grade	
	Cu amount	Co amount	Cu cutoff	Au amount	
	139,200				
			Reference Page	51 (p. 30)	

RefNo	Resources Reference
51	Anvil Mining Ltd., 2009a, Annual information form for the financial year ended Dec. 31, 2008 [dated March 31, 2009]: Anvil Mining Ltd. Annual Information Form, 67 p., accessed October 4, 2010, at <a href="http://www.anvilmining.com/files/090331%20AIF%202008%20_clean_(1).pdf">http://www.anvilmining.com/files/090331%20AIF%202008%20_clean_(1).pdf</a> .

ResID	181	DepID	68	Subpart	oxide
Resource Category	inferred			Resource Standard	CIM
Year(s)	2008	ASCu grade	2.81	Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount	
1,540,000	3.85		Cu equivalent	Au grade	
	Cu amount	Co amount	Cu cutoff	Au amount	
	59,300				
			Reference Page	51 (p. 31)	

RefNo	Resources Reference
51	Anvil Mining Ltd., 2009a, Annual information form for the financial year ended Dec. 31, 2008 [dated March 31, 2009]: Anvil Mining Ltd. Annual Information Form, 67 p., accessed October 4, 2010, at <a href="http://www.anvilmining.com/files/090331%20AIF%202008%20_clean_(1).pdf">http://www.anvilmining.com/files/090331%20AIF%202008%20_clean_(1).pdf</a> .



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ResID	182	DepID	68	Subpart	sulfide
Resource Category	inferred			Resource Standard	CIM
Year(s)	2008	ASCu grade		Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount	
12,600,000	3.54		Cu equivalent	Au grade	
	Cu amount	Co amount	Cu cutoff	Au amount	
	447,400		0.7		
			Reference Page	51 (p. 31)	

**RefNo** **Resources Reference**

51 Anvil Mining Ltd., 2009a, Annual information form for the financial year ended Dec. 31, 2008 [dated March 31, 2009]: Anvil Mining Ltd. Annual Information Form, 67 p., accessed October 4, 2010, at [http://www.anvilmining.com/files/090331%20AIF%202008%20\\_clean\\_\(1\).pdf](http://www.anvilmining.com/files/090331%20AIF%202008%20_clean_(1).pdf).

ResID	183	DepID	68	Subpart	stockpiles
Resource Category	probable			Resource Standard	CIM
Year(s)	2008	ASCu grade		Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount	
2,688,000	2.72		Cu equivalent	Au grade	
	Cu amount	Co amount	Cu cutoff	Au amount	
	73,120				
			Reference Page	51 (p. 31)	

**RefNo** **Resources Reference**

51 Anvil Mining Ltd., 2009a, Annual information form for the financial year ended Dec. 31, 2008 [dated March 31, 2009]: Anvil Mining Ltd. Annual Information Form, 67 p., accessed October 4, 2010, at [http://www.anvilmining.com/files/090331%20AIF%202008%20\\_clean\\_\(1\).pdf](http://www.anvilmining.com/files/090331%20AIF%202008%20_clean_(1).pdf).

ResID	184	DepID	68	Subpart	
Resource Category	production			Resource Standard	NA
Year(s)	2007-2008	ASCu grade		Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount	
3,571,648	9.76		Cu equivalent	Au grade	

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Cu amount

Co amount

Cu cutoff

Au amount

Reference Page 51 (p. 32)

RefNo

Resources Reference

51 Anvil Mining Ltd., 2009a, Annual information form for the financial year ended Dec. 31, 2008 [dated March 31, 2009]: Anvil Mining Ltd. Annual Information Form, 67 p., accessed October 4, 2010, at [http://www.anvilmining.com/files/090331%20AIF%202008%20\\_clean\\_\(1\).pdf](http://www.anvilmining.com/files/090331%20AIF%202008%20_clean_(1).pdf).

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Group Name	<input type="text" value="Kipoi Central"/>	DepID	<input type="text" value="69"/>	MRDS	<input type="text" value="10400577"/>
Deposit Name	<input type="text" value="Kipoi Central"/>	Property	<input type="text" value="Kipoi Project"/>		
Total Endowment		Latitude	<input type="text" value="-11.2551"/>	Longitude	<input type="text" value="27.0948"/>
DepID	Ore(mt)	Cu(pct)	Co(pct)		
69	56,611,535	1.81	0.082		
Other Names	<input type="text" value="Kipoy"/>				
Includes	<input type="text" value="Kipoi Northwest"/>				
Site Activity	<input type="text" value="development"/>	Production	<input type="checkbox"/>		
Deposit Type	<input type="text" value="Structurally controlled replacement and vein"/>		DepositSubtype	<input type="text"/>	

RefNo	Deposit Reference
55	Reidy, Paddy, Dorling, Simon, Adams, Patrick (Rick), Brans, Rhett, and deKlerk, Quinton, 2009, Kipoi Copper Project in the Democratic Republic of the Congo, May 29, 2009: CSA Global Pty Ltd. NI 43-101 Technical Report, prepared for Tiger Resources Ltd., May 29, 2009, 214 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)
71	Huderek, Richard, 2008a, Katangan Copperbelt: Google Earth KML file, accessed July-September 2009 and Oct. 2010, at <a href="http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml">http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml</a> .
149	Black, Chris, Zammit, Mark, Dorling, Simon, and Readett, David, 2011, Kipoi Copper Project stage 2 preliminary economic assessment (sic) Democratic Republic of Congo: Perth, Western Australia, Cube Consulting Independent Technical Report (NI 43-101), prepared for Tiger Resources Ltd., November, 2011, 250 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)

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ResID	191	DepID	69	Subpart	Below Stage 1 pit
Resource Category	measured+indicated			Resource Standard	CIM
Year(s)	2011	ASCu grade		Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount	
12,900,000	3.1	0.13	Cu equivalent	Au grade	
	Cu amount	Co amount	Cu cutoff	Au amount	
Reference Page				149 (p. 107)	

RefNo	Resources Reference
149	Black, Chris, Zammit, Mark, Dorling, Simon, and Readett, David, 2011, Kipoi Copper Project stage 2 preliminary economic assessment (sic) Democratic Republic of Congo: Perth, Western Australia, Cube Consulting Independent Technical Report (NI 43-101), prepared for Tiger Resources Ltd., November, 2011, 250 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)

ResID	304	DepID	69	Subpart	Below Stage 1 pit
Resource Category	inferred			Resource Standard	CIM
Year(s)	2011	ASCu grade		Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount	
38,700,000	0.8	0.06	Cu equivalent	Au grade	
	Cu amount	Co amount	Cu cutoff	Au amount	
Reference Page				149 (p. 107)	

RefNo	Resources Reference
149	Black, Chris, Zammit, Mark, Dorling, Simon, and Readett, David, 2011, Kipoi Copper Project stage 2 preliminary economic assessment (sic) Democratic Republic of Congo: Perth, Western Australia, Cube Consulting Independent Technical Report (NI 43-101), prepared for Tiger Resources Ltd., November, 2011, 250 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)

ResID	305	DepID	69	Subpart	Stage 1 pit
Resource Category	measured+indicated			Resource Standard	CIM
Year(s)	2008	ASCu grade		Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount	
4,600,000	6.6	0.14	Cu equivalent	Au grade	

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Cu amount  Co amount  Cu cutoff  Au amount

Reference Page

RefNo Resources Reference

55 Reidy, Paddy, Dorling, Simon, Adams, Patrick (Rick), Brans, Rhett, and deKlerk, Quinton, 2009, Kipoi Copper Project in the Democratic Republic of the Congo, May 29, 2009: CSA Global Pty Ltd. NI 43-101 Technical Report, prepared for Tiger Resources Ltd., May 29, 2009, 214 p. (Also available at <http://www.sedar.com>.)

ResID  DepID  Subpart

Resource Category  Resource Standard

Year(s)  ASCu grade  Ag grade

Ore (mt)  Cu grade  Co grade  ASCu amount  Ag amount

Cu equivalent  Au grade

Cu amount  Co amount  Cu cutoff  Au amount

Reference Page

RefNo Resources Reference

149 Black, Chris, Zammit, Mark, Dorling, Simon, and Readett, David, 2011, Kipoi Copper Project stage 2 preliminary economic assessment (sic) Democratic Republic of Congo: Perth, Western Australia, Cube Consulting Independent Technical Report (NI 43-101), prepared for Tiger Resources Ltd., November, 2011, 250 p. (Also available at <http://www.sedar.com>.)

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Group Name  DepID  MRDS

Deposit Name  Property

Total Endowment

DepID	Ore(mt)	Cu(pct)	Co(pct)
70	5,274,000	1.36	0.050

Latitude  Longitude

Country

Province

Other Names

Includes

Site Activity  ☐ Production

Deposit Type  DepositSubtype

RefNo	Deposit Reference
55	Reidy, Paddy, Dorling, Simon, Adams, Patrick (Rick), Brans, Rhett, and deKlerk, Quinton, 2009, Kipoi Copper Project in the Democratic Republic of the Congo, May 29, 2009: CSA Global Pty Ltd. NI 43-101 Technical Report, prepared for Tiger Resources Ltd., May 29, 2009, 214 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)
71	Huderek, Richard, 2008a, Katangan Copperbelt: Google Earth KML file, accessed July-September 2009 and Oct. 2010, at <a href="http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml">http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml</a> .

ResID <input type="text" value="192"/>	DepID <input type="text" value="70"/>	Subpart <input type="text"/>
Resource Category <input type="text" value="inferred"/>	Resource Standard <input type="text" value="CIM"/>	
Year(s) <input type="text" value="2009"/>	ASCu grade <input type="text"/>	Ag grade <input type="text" value="8.09"/>
Ore (mt) <input type="text" value="5,274,000"/>	Cu grade <input type="text" value="1.36"/>	Ag amount <input type="text" value="39"/>
	Co grade <input type="text" value="0.05"/>	Au grade <input type="text"/>
	ASCu amount <input type="text"/>	Au amount <input type="text"/>
	Cu equivalent <input type="text"/>	
	Cu amount <input type="text" value="71,600"/>	
	Co amount <input type="text" value="2,600"/>	
	Cu cutoff <input type="text" value="0.5"/>	
Reference Page <input type="text" value="55 (p. 123)"/>		

  

RefNo	Resources Reference
55	Reidy, Paddy, Dorling, Simon, Adams, Patrick (Rick), Brans, Rhett, and deKlerk, Quinton, 2009, Kipoi Copper Project in the Democratic Republic of the Congo, May 29, 2009: CSA Global Pty Ltd. NI 43-101 Technical Report, prepared for Tiger Resources Ltd., May 29, 2009, 214 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)

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Group Name	<input type="text" value="Kileba"/>	DepID	<input type="text" value="71"/>	MRDS	<input type="text" value="10400573"/>
Deposit Name	<input type="text" value="Kileba"/>	Property	<input type="text" value="Kipoi Project"/>		
Total Endowment		Latitude	<input type="text" value="-11.2859"/>	Longitude	<input type="text" value="27.1244"/>
DepID	Ore(mt)	Cu(pct)	Co(pct)	Country	<input type="text" value="Democratic Republic of the Congo"/>
71	9,502,431	1.40		Province	<input type="text" value="Katanga"/>
Other Names	<input type="text" value="Kileba South"/>				
Includes	<input type="text"/>				
Site Activity	<input type="text" value="exploration"/>	Production	<input type="checkbox"/>		
Deposit Type	<input type="text" value="Structurally controlled replacement and vein"/>		DepositSubtype	<input type="text"/>	

RefNo	Deposit Reference
55	Reidy, Paddy, Dorling, Simon, Adams, Patrick (Rick), Brans, Rhett, and deKlerk, Quinton, 2009, Kipoi Copper Project in the Democratic Republic of the Congo, May 29, 2009: CSA Global Pty Ltd. NI 43-101 Technical Report, prepared for Tiger Resources Ltd., May 29, 2009, 214 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)
56	Young, D., 2008, Tiger Resources Limited announces high grade intersections over wide drill intercepts from resource drilling at the Kileba copper deposit: Tiger Resources Ltd. Press Release, August 20, 2009, accessed March 23, 2011, at <a href="http://www.tigerresources.com.au/aurora/assets/user_content/File/20080820%20TGS%20Announcement%20-%20Kileba%20Drill%20Results.pdf">http://www.tigerresources.com.au/aurora/assets/user_content/File/20080820%20TGS%20Announcement%20-%20Kileba%20Drill%20Results.pdf</a> .
71	Huderek, Richard, 2008a, Katangan Copperbelt: Google Earth KML file, accessed July-September 2009 and Oct. 2010, at <a href="http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml">http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml</a> .

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ResID	193	DeplID	71	Subpart	Kileba South	
Resource Category	inferred			Resource Standard	CIM	
Year(s)	2009		ASCu grade		Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount		Ag amount	
9,502,431	1.4		Cu equivalent		Au grade	
	Cu amount	Co amount	Cu cutoff	0.5	Au amount	
	133,135		Reference Page	55 (p. 148)		

RefNo	Resources Reference
55	Reidy, Paddy, Dorling, Simon, Adams, Patrick (Rick), Brans, Rhett, and deKlerk, Quinton, 2009, Kipoi Copper Project in the Democratic Republic of the Congo, May 29, 2009: CSA Global pty Ltd. NI 43-101 Technical Report, prepared for Tiger Resources Ltd., May 29, 2009, 214 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)



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Group Name	<input type="text" value="Kasonta West"/>	DepID	<input type="text" value="72"/>	MRDS	<input type="text" value="10400570"/>
Deposit Name	<input type="text" value="Kasonta"/>	Property	<input type="text" value="Kalumines property-Lupoto copper project"/>		
Total Endowment		Latitude	<input type="text" value="-11.5996"/>	Longitude	<input type="text" value="27.2749"/>
DepID	Ore(mt)	Cu(pct)	Co(pct)		
72	1,500,000	5.18			
Country	<input type="text" value="Democratic Republic of the Congo"/>				
Province	<input type="text" value="Katanga"/>				
Other Names	<input type="text" value="Kasonto"/>				
Includes	<input type="text" value="Kasonta, Kasombo?, Kasonta West, Kasonta East"/>				
Site Activity	<input type="text" value="inactive"/>	Production	<input type="checkbox"/>		
Deposit Type	<input type="text" value="Sediment-hosted stratabound copper deposit"/>	DepositSubtype	<input type="text" value="Reduced-facies, carbonate ecaille"/>		

RefNo	Deposit Reference
10	African Rainbow Minerals Ltd., 2010, Mineral resources and reserves 2010: African Rainbow Minerals Ltd. Mineral Resources and Reserves, 31 p., accessed May 13, 2011, at <a href="http://www.arm.co.za/im/files/annual/2010/f/ARM_resources_reserves_2010.pdf">http://www.arm.co.za/im/files/annual/2010/f/ARM_resources_reserves_2010.pdf</a> .
64	TEAL Exploration and Mining Inc., 2008a, Annual Information Form: TEAL Exploration and Mining Inc. Annual Information Form as at June 30, 2008 [filed Sept. 9, 2008], 80 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)
71	Huderek, Richard, 2008a, Katangan Copperbelt: Google Earth KML file, accessed July-September 2009 and Oct. 2010, at <a href="http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml">http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml</a> .

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ResID	195	DepID	72	Subpart	Kasonta ~500 m east of Lupoto	
Resource Category	inferred			Resource Standard	None	
Year(s)	reported in 2008			ASCu grade		Ag grade
Ore (mt)	Cu grade	Co grade	ASCu amount		Ag amount	
1,500,000	5.18		Cu equivalent		Au grade	
	Cu amount	Co amount	Cu cutoff		Au amount	
			Reference Page	64 (p. 15)		

RefNo	Resources Reference
64	TEAL Exploration and Mining Inc., 2008a, Annual Information Form: TEAL Exploration and Mining Inc. Annual Information Form as at June 30, 2008 [filed Sept. 9, 2008], 80 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)

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Group Name	<input type="text" value="Niamumenda"/>	DepID	<input type="text" value="73"/>	MRDS	<input type="text" value="10400570"/>
Deposit Name	<input type="text" value="Niamumenda"/>	Property	<input type="text" value="Kalumines property-Lupoto copper project"/>		
Total Endowment		Latitude	<input type="text" value="-11.6024"/>	Longitude	<input type="text" value="27.2922"/>
DepID	Ore(mt)	Cu(pct)	Co(pct)		
73	2,600,000	2.25	2.308		
		Country	<input type="text" value="Democratic Republic of the Congo"/>		
		Province	<input type="text" value="Katanga"/>		
Other Names	<input type="text"/>				
Includes	<input type="text" value="Niamumenda"/>				
Site Activity	<input type="text"/>	Production	<input type="checkbox"/>		
Deposit Type	<input type="text" value="Sediment-hosted stratabound copper deposit"/>		DepositSubtype	<input type="text" value="Reduced-facies, carbonate ecaille"/>	

RefNo	Deposit Reference
10	African Rainbow Minerals Ltd., 2010, Mineral resources and reserves 2010: African Rainbow Minerals Ltd. Mineral Resources and Reserves, 31 p., accessed May 13, 2011, at <a href="http://www.arm.co.za/im/files/annual/2010/f/ARM_resources_reserves_2010.pdf">http://www.arm.co.za/im/files/annual/2010/f/ARM_resources_reserves_2010.pdf</a> .
64	TEAL Exploration and Mining Inc., 2008a, Annual Information Form: TEAL Exploration and Mining Inc. Annual Information Form as at June 30, 2008 [filed Sept. 9, 2008], 80 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)
71	Huderek, Richard, 2008a, Katangan Copperbelt: Google Earth KML file, accessed July-September 2009 and Oct. 2010, at <a href="http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml">http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml</a> .

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ResID	83	DeplD	73	Subpart	Niamumenda		
Resource Category	inferred			Resource Standard			
Year(s)	2010			ASCu grade		Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount		Ag amount		
2,600,000	2.25		Cu equivalent		Au grade		
	Cu amount	Co amount	Cu cutoff		Au amount		
		60,000	Reference Page	10 (p. 29)			

RefNo	Resources Reference
10	African Rainbow Minerals Ltd., 2010, Mineral resources and reserves 2010: African Rainbow Minerals Ltd. Mineral Resources and Reserves, 31 p., accessed May 13, 2011, at <a href="http://www.arm.co.za/im/files/annual/2010/f/ARM_resources_reserves_2010.pdf">http://www.arm.co.za/im/files/annual/2010/f/ARM_resources_reserves_2010.pdf</a> .

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Group Name  DepID  MRDS

Deposit Name  Property

Total Endowment

DepID	Ore(mt)	Cu(pct)	Co(pct)
74	550,000	3.92	

Latitude  Longitude

Country

Province

Other Names

Includes

Site Activity  Production ☐

Deposit Type  DepositSubtype

RefNo	Deposit Reference
64	TEAL Exploration and Mining Inc., 2008a, Annual Information Form: TEAL Exploration and Mining Inc. Annual Information Form as at June 30, 2008 [filed Sept. 9, 2008], 80 p. (Also available at <a href="http://www.sedar.com.">http://www.sedar.com.</a> )
71	Huderek, Richard, 2008a, Katangan Copperbelt: Google Earth KML file, accessed July-September 2009 and Oct. 2010, at <a href="http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml">http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml</a> .

ResID <input type="text" value="194"/>	DepID <input type="text" value="74"/>	Subpart <input type="text" value="Karavia"/>
Resource Category <input type="text" value="inferred"/>	Resource Standard <input type="text" value="None"/>	
Year(s) <input type="text" value="reported in 2008"/>	ASCu grade <input type="text"/>	Ag grade <input type="text"/>
Ore (mt) <input type="text" value="550,000"/>	Cu grade <input type="text" value="3.92"/>	Ag amount <input type="text"/>
	Co grade <input type="text"/>	Au grade <input type="text"/>
	ASCu amount <input type="text"/>	Au amount <input type="text"/>
	Cu equivalent <input type="text"/>	
Cu amount <input type="text"/>	Co amount <input type="text"/>	Cu cutoff <input type="text"/>
Reference Page <input type="text" value="64 (p. 15)"/>		

RefNo	Resources Reference
64	TEAL Exploration and Mining Inc., 2008a, Annual Information Form: TEAL Exploration and Mining Inc. Annual Information Form as at June 30, 2008 [filed Sept. 9, 2008], 80 p. (Also available at <a href="http://www.sedar.com.">http://www.sedar.com.</a> )

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Group Name	<input type="text" value="Lubwe"/>	DepID	<input type="text" value="75"/>	MRDS	<input type="text" value="10183561"/>
Deposit Name	<input type="text" value="Lubwe"/>	Property	<input type="text" value="Lumwana Project"/>		
Total Endowment		Latitude	<input type="text" value="-12.179"/>	Longitude	<input type="text" value="25.9511"/>
DepID	Ore(mt)	Cu(pct)	Co(pct)		
75	70,000,000	0.80			
Other Names		<input type="text"/>			
Includes		<input type="text" value="Lubwe"/>			
Site Activity	<input type="text" value="unknown"/>	Production	<input type="checkbox"/>		
Deposit Type	<input type="text" value="Unclassified Cu"/>	DepositSubtype	<input type="text"/>		

RefNo	Deposit Reference
21	Kirkham, R.V., Carrière, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: Geological Survey of Canada Open File 2915b, 256 p.
77	Kirkham, Rodney, and Broughton, David, 2005, Supplement to the sediment-hosted stratiform copper ore system, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Littleton, Colorado, Society of Economic Geologists, Inc., p. 609–642.
78	Cox, D.P., Lindsey, D.A., Singer, D.A., and Diggles, M.F., 2003, revised 2007, Sediment-hosted copper deposits of the world—Deposit models and database: U.S. Geological Survey Open-File Report 2003-107 version 1.1, 50 p. (Also available online at <a href="http://pubs.usgs.gov/of/2003/of03-107/">http://pubs.usgs.gov/of/2003/of03-107/</a> .)
81	Davis, Michael, Bertinshaw, Ross, Guibal, Daniel, Daley, Andrew, and Hanbury, Robert, 2008, Lumwana Project, North Western Province, Republic of Zambia, Technical report, June 2008: Ausenco Services Pty Ltd. Technical Report, prepared for Equinox Minerals Ltd., 103 p., accessed May 22, 2009, at <a href="http://www.equinoxminerals.com/files/files/614_June2008LumwanaTechnicalReport.pdf">http://www.equinoxminerals.com/files/files/614_June2008LumwanaTechnicalReport.pdf</a> .
90	Bertinshaw, Ross, Guibal, Daniel, Daley, Andrew, and Rigo, Robert, 2009, Lumwana Project, north western Province, Republic of Zambia: Golder Associates Pty Ltd., SRK Consulting (Australasia) Pty Ltd., and Investor Resources Finance Pty Ltd., NI 43-101 Technical Report, prepared for Equinox Minerals Ltd., June, 2008, (refiled April 2009), 102 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)

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ResID	205	DeplD	75	Subpart	Lubwe		
Resource Category	resource			Resource Standard	None		
Year(s)	1991			ASCu grade		Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount		Ag amount		
70,000,000	0.8		Cu equivalent		Au grade		
	Cu amount	Co amount	Cu cutoff		Au amount		
	560,000		Reference Page	78, 77			

RefNo	Resources Reference
77	Kirkham, Rodney, and Broughton, David, 2005, Supplement to the sediment-hosted stratiform copper ore system, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Littleton, Colorado, Society of Economic Geologists, Inc., p. 609–642.
78	Cox, D.P., Lindsey, D.A., Singer, D.A., and Diggles, M.F., 2003, revised 2007, Sediment-hosted copper deposits of the world—Deposit models and database: U.S. Geological Survey Open-File Report 2003-107 version 1.1, 50 p. (Also available online at <a href="http://pubs.usgs.gov/of/2003/of03-107/">http://pubs.usgs.gov/of/2003/of03-107/</a> .)

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Group Name	<input type="text" value="Kansanshi"/>	DepID	<input type="text" value="76"/>	MRDS	<input type="text" value="10183134"/>
Deposit Name	<input type="text" value="Kansanshi"/>	Property	<input type="text" value="Kansanshi"/>		
Total Endowment		Latitude	<input type="text" value="-12.0968"/>	Longitude	<input type="text" value="26.433"/>
DepID	Ore(mt)	Cu(pct)	Co(pct)	Country	<input type="text" value="Zambia"/>
76	412,472,600	1.16		Province	<input type="text" value="North-Western"/>
Other Names	<input type="text"/>				
Includes	<input type="text"/>				
Site Activity	<input type="text" value="unknown"/>	Production	<input checked="" type="checkbox"/>		
Deposit Type	<input type="text" value="Structurally controlled replacement and vein"/>		DepositSubtype	<input type="text"/>	

RefNo	Deposit Reference
21	Kirkham, R.V., Carrière, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: Geological Survey of Canada Open File 2915b, 256 p.
28	Torrealdy, H.I., Hitzman, M.W., Stein, H.J., Markeley, R.J., Armstrong, R., and Broughton, D., 2000, Re-Os and U-Pb dating of vein-hosted mineralization at the Kansanshi copper deposit, northern Zambia: Economic Geology, v. 95, p. 1165–1170.
78	Cox, D.P., Lindsey, D.A., Singer, D.A., and Diggles, M.F., 2003, revised 2007, Sediment-hosted copper deposits of the world—Deposit models and database: U.S. Geological Survey Open-File Report 2003-107 version 1.1, 50 p. (Also available online at <a href="http://pubs.usgs.gov/of/2003/of03-107/">http://pubs.usgs.gov/of/2003/of03-107/</a> .)
89	Cameron, A.R., 2005, Kansanshi Copper Project, Zambia, Operations Overview, Pursuant to National Instrument 43-101 of the Canadian Securities Administrators: A&J Cameron & Associates, prepared for First Quantum Minerals Ltd., February 7, 2005, 31 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)
103	Broughton, D.W., Hitzman, M.W., and Stephens, A.J., 2002, Exploration history and geology of the Kansanshi Cu (-Au) deposit, Zambia, in Goldfarb, R.J., and Nielson, R.L., eds., Integrated methods for Discovery—Global exploration in the twenty-first century: Littleton, Colorado, Society of Economic Geologists Special Publication 9, p. 141–153.
115	Freeman, P.V., comp., 1988, Description of mineral deposits on the Copperbelt (and Kabwe, Nampundwe): Lukasa, Zambia, [Consolidated Copper Mines Ltd. (ZCCM) unpublished company report], 88 p.



RefNo	Deposit Reference
121	First Quantum Minerals Ltd., 2006b, Kansanshi: First Quantum Minerals Fact Sheet, Last update April 2006, 7 p.

ResID	32	DepID	76	Subpart	Kansanshi NW Zone	
Resource Category	inferred		Resource Standard			
Year(s)	2006		ASCu grade	0.35	Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount		Ag amount	
56,809,000	1.24		Cu equivalent		Au grade	0.1
	Cu amount	Co amount	Cu cutoff	0.5	Au amount	56,809
	704,432		Reference Page	121 (p. 4 of 7)		

RefNo	Resources Reference
121	First Quantum Minerals Ltd., 2006b, Kansanshi: First Quantum Minerals Fact Sheet, Last update April 2006, 7 p.

ResID	33	DepID	76	Subpart	Kansanshi Main Zone	
Resource Category	measured		Resource Standard			
Year(s)	2006		ASCu grade		Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount		Ag amount	
77,303,000	1.42		Cu equivalent		Au grade	0.18
	Cu amount	Co amount	Cu cutoff	0.5	Au amount	139,145
	1,097,702		Reference Page	121 (p. 4 of 7)		

RefNo	Resources Reference
121	First Quantum Minerals Ltd., 2006b, Kansanshi: First Quantum Minerals Fact Sheet, Last update April 2006, 7 p.

ResID	34	DepID	76	Subpart	Kansanshi Main Zone	
Resource Category	indicated		Resource Standard			
Year(s)	2006		ASCu grade	0.23	Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount		Ag amount	

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155,308,000	0.97		Cu equivalent		Au grade	0.14
	Cu amount	Co amount	Cu cutoff	0.5	Au amount	
1,506,488						
			Reference Page	121 (p. 4 of 7)		

RefNo	Resources Reference
121	First Quantum Minerals Ltd., 2006b, Kansanshi: First Quantum Minerals Fact Sheet, Last update April 2006, 7 p.

ResID	35	DepID	76	Subpart	Kansanshi NW Zone
Resource Category	measured		Resource Standard		
Year(s)	2006	ASCu grade	1.03	Ag grade	0.25
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount	
8,476,000	1.41		Cu equivalent	Au grade	
	Cu amount	Co amount	Cu cutoff	Au amount	
			Reference Page	121 (p. 4 of 7)	

RefNo	Resources Reference
121	First Quantum Minerals Ltd., 2006b, Kansanshi: First Quantum Minerals Fact Sheet, Last update April 2006, 7 p.

ResID	36	DepID	76	Subpart	
Resource Category	indicated		Resource Standard		
Year(s)	2006	ASCu grade	0.63	Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount	
49,440,000	1.31		Cu equivalent	Au grade	0.23
	Cu amount	Co amount	Cu cutoff	Au amount	
			Reference Page	121 (p. 4 of 7)	

RefNo	Resources Reference
121	First Quantum Minerals Ltd., 2006b, Kansanshi: First Quantum Minerals Fact Sheet, Last update April 2006, 7 p.

ResID	37	DepID	76	Subpart	Kansanshi, all
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Resource Category			production			Resource Standard			NA		
Year(s)			2005			ASCu grade			<input type="text"/>		
						Ag grade			<input type="text"/>		
Ore (mt)		Cu grade		Co grade		ASCu amount		Ag amount		<input type="text"/>	
7,288,000		0.95		<input type="text"/>		Cu equivalent		Au grade		<input type="text"/>	
		Cu amount		Co amount		Cu cutoff		Au amount		<input type="text"/>	
		69,579		<input type="text"/>							
						Reference Page 121 (p. 1)					

RefNo	Resources Reference
121	First Quantum Minerals Ltd., 2006b, Kansanshi: First Quantum Minerals Fact Sheet, Last update April 2006, 7 p.

ResID		244		DepID		76		Subpart				<input type="text"/>					
Resource Category			production			Resource Standard			NA								
Year(s)			1956-1957			ASCu grade			<input type="text"/>			Ag grade			<input type="text"/>		
Ore (mt)		Cu grade		Co grade		ASCu amount		Ag amount		<input type="text"/>							
103,000		3.81		<input type="text"/>		Cu equivalent		Au grade		<input type="text"/>							
		Cu amount		Co amount		Cu cutoff		Au amount		<input type="text"/>							
		3,924		<input type="text"/>													
						Reference Page 103 (p. 143)											

RefNo	Resources Reference
103	Broughton, D.W., Hitzman, M.W., and Stephens, A.J., 2002, Exploration history and geology of the Kansanshi Cu (-Au) deposit, Zambia, in Goldfarb, R.J., and Nielson, R.L., eds., Integrated methods for Discovery—Global exploration in the twenty-first century: Littleton, Colorado, Society of Economic Geologists Special Publication 9, p. 141–153.

ResID		245		DepID		76		Subpart				<input type="text"/>					
Resource Category			production			Resource Standard			NA								
Year(s)			1977-1986			ASCu grade			<input type="text"/>			Ag grade			<input type="text"/>		
Ore (mt)		Cu grade		Co grade		ASCu amount		Ag amount		<input type="text"/>							
1,900,000		4.02		<input type="text"/>		Cu equivalent		Au grade		<input type="text"/>							

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Cu amount 76,380 Co amount Cu cutoff Au amount  
Reference Page 103 (p. 143)

RefNo Resources Reference

103 Broughton, D.W., Hitzman, M.W., and Stephens, A.J., 2002, Exploration history and geology of the Kansanshi Cu (-Au) deposit, Zambia, in Goldfarb, R.J., and Nielson, R.L., eds., Integrated methods for Discovery—Global exploration in the twenty-first century: Littleton, Colorado, Society of Economic Geologists Special Publication 9, p. 141–153.

ResID 248 DepID 76 Subpart  
Resource Category production Resource Standard NA  
Year(s) 1908-1914 ASCu grade Ag grade  
Ore (mt) Cu grade Co grade ASCu amount Ag amount  
1,600 17.5  
Cu amount Co amount Cu cutoff Au amount  
2,800  
Reference Page 103 (p. 143)

RefNo Resources Reference

103 Broughton, D.W., Hitzman, M.W., and Stephens, A.J., 2002, Exploration history and geology of the Kansanshi Cu (-Au) deposit, Zambia, in Goldfarb, R.J., and Nielson, R.L., eds., Integrated methods for Discovery—Global exploration in the twenty-first century: Littleton, Colorado, Society of Economic Geologists Special Publication 9, p. 141–153.

ResID 249 DepID 76 Subpart Kansanshi Main  
Resource Category inferred Resource Standard  
Year(s) 2006 ASCu grade Ag grade  
Ore (mt) Cu grade Co grade ASCu amount Ag amount  
55,844,000 0.97  
Cu amount Co amount Cu cutoff Au amount  
541,687  
Reference Page 121 (p. 4 of 7)

RefNo Resources Reference

121 First Quantum Minerals Ltd., 2006b, Kansanshi: First Quantum Minerals Fact Sheet, Last update April 2006, 7 p.

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Group Name	<input type="text" value="Malundwe"/>	DepID	<input type="text" value="77"/>	MRDS	<input type="text" value="10400307"/>
Deposit Name	<input type="text" value="Malundwe"/>	Property	<input type="text" value="Lumwana Project"/>		
Total Endowment		Latitude	<input type="text" value="-12.2279"/>	Longitude	<input type="text" value="25.8119"/>
DepID	Ore(mt)	Cu(pct)	Co(pct)	Country	<input type="text" value="Zambia"/>
77	161,700,000	0.89	0.014	Province	<input type="text" value="North-Western"/>
Other Names	<input type="text"/>				
Includes	<input type="text" value="Malundwe"/>				
Site Activity	<input type="text" value="development"/>	Production	<input type="checkbox"/>		
Deposit Type	<input type="text" value="Unclassified Cu"/>	DepositSubtype	<input type="text"/>		

RefNo	Deposit Reference
21	Kirkham, R.V., Carrière, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: Geological Survey of Canada Open File 2915b, 256 p.
77	Kirkham, Rodney, and Broughton, David, 2005, Supplement to the sediment-hosted stratiform copper ore system, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Littleton, Colorado, Society of Economic Geologists, Inc., p. 609–642.
78	Cox, D.P., Lindsey, D.A., Singer, D.A., and Diggles, M.F., 2003, revised 2007, Sediment-hosted copper deposits of the world—Deposit models and database: U.S. Geological Survey Open-File Report 2003-107 version 1.1, 50 p. (Also available online at <a href="http://pubs.usgs.gov/of/2003/of03-107/">http://pubs.usgs.gov/of/2003/of03-107/</a> .)
81	Davis, Michael, Bertinshaw, Ross, Guibal, Daniel, Daley, Andrew, and Hanbury, Robert, 2008, Lumwana Project, North Western Province, Republic of Zambia, Technical report, June 2008: Ausenco Services Pty Ltd. Technical Report, prepared for Equinox Minerals Ltd., 103 p., accessed May 22, 2009, at <a href="http://www.equinoxminerals.com/files/files/614_June2008LumwanaTechnicalReport.pdf">http://www.equinoxminerals.com/files/files/614_June2008LumwanaTechnicalReport.pdf</a> .
90	Bertinshaw, Ross, Guibal, Daniel, Daley, Andrew, and Rigo, Robert, 2009, Lumwana Project, north western Province, Republic of Zambia: Golder Associates Pty Ltd., SRK Consulting (Australasia) Pty Ltd., and Investor Resources Finance Pty Ltd., NI 43-101 Technical Report, prepared for Equinox Minerals Ltd., June, 2008, (refiled April 2009), 102 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)

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ResID	228	DepID	77	Subpart	Malundwe
Resource Category	measured+indicated			Resource Standard	CIM
Year(s)	2008	ASCu grade		Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount	
142,000,000	0.91	0.0151	Cu equivalent	Au grade	0.03
	Cu amount	Co amount	Cu cutoff	Au amount	
		21,442			
Reference Page				81 (p. 63)	

RefNo	Resources Reference
81	Davis, Michael, Bertinshaw, Ross, Guibal, Daniel, Daley, Andrew, and Hanbury, Robert, 2008, Lumwana Project, North Western Province, Republic of Zambia, Technical report, June 2008: Ausenco Services pty Ltd. Technical Report, prepared for Equinox Minerals Ltd., 103 p., accessed May 22, 2009, at <a href="http://www.equinoxminerals.com/files/files/614_June2008LumwanaTechnicalReport.pdf">http://www.equinoxminerals.com/files/files/614_June2008LumwanaTechnicalReport.pdf</a> .

ResID	229	DepID	77	Subpart	Malundwe
Resource Category	inferred			Resource Standard	CIM
Year(s)	2008	ASCu grade		Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount	
19,700,000	0.74	0.0095	Cu equivalent	Au grade	0.03
	Cu amount	Co amount	Cu cutoff	Au amount	
	145,780	1,872			
Reference Page				81 (p. 63)	

RefNo	Resources Reference
81	Davis, Michael, Bertinshaw, Ross, Guibal, Daniel, Daley, Andrew, and Hanbury, Robert, 2008, Lumwana Project, North Western Province, Republic of Zambia, Technical report, June 2008: Ausenco Services pty Ltd. Technical Report, prepared for Equinox Minerals Ltd., 103 p., accessed May 22, 2009, at <a href="http://www.equinoxminerals.com/files/files/614_June2008LumwanaTechnicalReport.pdf">http://www.equinoxminerals.com/files/files/614_June2008LumwanaTechnicalReport.pdf</a> .

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Group Name	<input type="text" value="Chimiwungo"/>	DepID	<input type="text" value="78"/>	MRDS	<input type="text" value="10400308"/>
Deposit Name	<input type="text" value="Chimiwungo"/>	Property	<input type="text" value="Lumwana Project"/>		
Total Endowment		Latitude	<input type="text" value="-12.2776"/>	Longitude	<input type="text" value="25.8854"/>
DepID	Ore(mt)	Cu(pct)	Co(pct)		
78	760,900,000	0.64	0.009		
		Country	<input type="text" value="Zambia"/>		
		Province	<input type="text" value="North-Western"/>		
Other Names	<input type="text"/>				
Includes	<input type="text"/>				
Site Activity	<input type="text" value="exploration"/>	Production	<input type="checkbox"/>		
Deposit Type	<input type="text" value="Unclassified Cu"/>	DepositSubtype	<input type="text"/>		

RefNo	Deposit Reference
21	Kirkham, R.V., Carrière, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: Geological Survey of Canada Open File 2915b, 256 p.
77	Kirkham, Rodney, and Broughton, David, 2005, Supplement to the sediment-hosted stratiform copper ore system, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Littleton, Colorado, Society of Economic Geologists, Inc., p. 609–642.
78	Cox, D.P., Lindsey, D.A., Singer, D.A., and Diggles, M.F., 2003, revised 2007, Sediment-hosted copper deposits of the world—Deposit models and database: U.S. Geological Survey Open-File Report 2003-107 version 1.1, 50 p. (Also available online at <a href="http://pubs.usgs.gov/of/2003/of03-107/">http://pubs.usgs.gov/of/2003/of03-107/</a> .)
81	Davis, Michael, Bertinshaw, Ross, Guibal, Daniel, Daley, Andrew, and Hanbury, Robert, 2008, Lumwana Project, North Western Province, Republic of Zambia, Technical report, June 2008: Ausenco Services Pty Ltd. Technical Report, prepared for Equinox Minerals Ltd., 103 p., accessed May 22, 2009, at <a href="http://www.equinoxminerals.com/files/files/614_June2008LumwanaTechnicalReport.pdf">http://www.equinoxminerals.com/files/files/614_June2008LumwanaTechnicalReport.pdf</a> .
90	Bertinshaw, Ross, Guibal, Daniel, Daley, Andrew, and Rigo, Robert, 2009, Lumwana Project, north western Province, Republic of Zambia: Golder Associates Pty Ltd., SRK Consulting (Australasia) Pty Ltd., and Investor Resources Finance Pty Ltd., NI 43-101 Technical Report, prepared for Equinox Minerals Ltd., June, 2008, (refiled April 2009), 102 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)

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ResID	230	DepID	78	Subpart	Chimiwungo
Resource Category	measured+indicated			Resource Standard	CIM
Year(s)	2008	ASCu grade		Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount	
216,200,000	0.66	0.0205	Cu equivalent	Au grade	0.02
	Cu amount	Co amount	Cu cutoff	Au amount	
		44,321			
			Reference Page	81 (p. 63)	

RefNo	Resources Reference
81	Davis, Michael, Bertinshaw, Ross, Guibal, Daniel, Daley, Andrew, and Hanbury, Robert, 2008, Lumwana Project, North Western Province, Republic of Zambia, Technical report, June 2008: Ausenco Services pty Ltd. Technical Report, prepared for Equinox Minerals Ltd., 103 p., accessed May 22, 2009, at <a href="http://www.equinoxminerals.com/files/files/614_June2008LumwanaTechnicalReport.pdf">http://www.equinoxminerals.com/files/files/614_June2008LumwanaTechnicalReport.pdf</a> .

ResID	231	DepID	78	Subpart	Chimiwungo
Resource Category	inferred			Resource Standard	CIM
Year(s)	2008	ASCu grade		Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount	
544,700,000	0.63	0.0045	Cu equivalent	Au grade	0.01
	Cu amount	Co amount	Cu cutoff	Au amount	
		24,512			
			Reference Page	81 (p. 63)	

RefNo	Resources Reference
81	Davis, Michael, Bertinshaw, Ross, Guibal, Daniel, Daley, Andrew, and Hanbury, Robert, 2008, Lumwana Project, North Western Province, Republic of Zambia, Technical report, June 2008: Ausenco Services pty Ltd. Technical Report, prepared for Equinox Minerals Ltd., 103 p., accessed May 22, 2009, at <a href="http://www.equinoxminerals.com/files/files/614_June2008LumwanaTechnicalReport.pdf">http://www.equinoxminerals.com/files/files/614_June2008LumwanaTechnicalReport.pdf</a> .



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Group Name	Konkola-Musoshi	DepID	79	MRDS	10207788
Deposit Name	Konkola	Property	Konkola/Mushoshi		
Total Endowment		Latitude	-12.3449	Longitude	27.7978
DepID	Ore(mt)	Cu(pct)	Co(pct)		
79	662,874,267	3.03			
		Country	Zambia		
		Province	Copperbelt		
Other Names	Bancroft, Kirila Bombwe(?)				
Includes	Musoshi in Shaba Prov., Konkola North, Konkola Deep, Konkola (KCM), Kirila Bomwe orebodies North and South, Saddle Lode, Kakosa				
Site Activity	active	Production	<input checked="" type="checkbox"/>		
Deposit Type	Sediment-hosted stratabound copper deposit		DepositSubtype	Reduced-facies, ore shale	

RefNo	Deposit Reference
9	Porter GeoConsultancy, 2010, Konkola, Kirilabombwe, Musoshi (DRC): Porter Geoconsultancy Web Page, accessed October, 2010, at <a href="http://www.portergeo.com.au/database/mineinfo.asp?mineid=mn012">http://www.portergeo.com.au/database/mineinfo.asp?mineid=mn012</a> .
16	Annels, A.E., 1989, Ore genesis in the Zambian Copperbelt, with particular reference to the northern sector of the Chambishi Basin, in Boyle, R.W., Brown, A.C., Jefferson, C.W., Jowett, E.C., and Kirkham, R.V., eds., Sediment-hosted stratiform copper deposits: Geological Association of Canada Special Paper 36, p. 427–452.
19	Fleischer, V.D., Garlick, W.G., and Haldane, R., 1976, Chapter 6 - Geology of the Zambian Copperbelt, in Wolf, K.H., ed., Handbook of strata-bound and stratiform ore deposits, Regional studies and specific deposits, Volume 6 - Cu, Zn, Pb, and Ag deposits: New York, Elsevier, p. 223–352.
21	Kirkham, R.V., Carrière, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: Geological Survey of Canada Open File 2915b, 256 p.
22	Lefebvre, J.J., 1989, Depositional environment of copper-cobalt mineralization in the Katangan sediments of southeast Shaba, Zaire, in Boyle, R.W., Brown, A.C., Jefferson, C.W., Jowett, E.C., and Kirkham, R.V. eds., Sediment-hosted stratiform copper deposits: Geological Association of Canada Special Paper 36, p. 401–426.
32	Simposya, V.M., and Hart, P.C.L., 2008, Technical report on the mineral resources for the Konkola North Copper project, Chililabombwe, Zambia: SRK Consulting Project Number 384408, prepared for TEAL Exploration and Mining Co., March 2008, 78 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)

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RefNo	Deposit Reference
42	Jobin-Bevans, Scott, Lotriet, M.P., Heili, Christian, Meintjes, Adriaan, and Naismith, Alan, 2006, Technical report for the Kamoto Copper Company, Kolwezi, Katanga Province, Democratic Republic of the Congo: McIntosh RSV LLC Technical Report, prepared for Kamoto Copper Company, May 16, 2006, 251 p., accessed July 17, 2009, at <a href="http://Fratcliffphotos.free.fr/kamoto/Ftechnical_report.pdf">http://Fratcliffphotos.free.fr/kamoto/Ftechnical_report.pdf</a> .
75	IMC Group Consulting Ltd., 2008, Technical assessment report of Konkola Copper Mines plc as at 12th August 2005, in N.M. Rothschild & Sons, KCM Valuation: N.M. Rothschild & Sons, prepared for ZCI Holdings SA and Vedanta Resources plc, 15 January, 2008 [revised April 2009], 142 p. plus appendices, accessed July 6, 2009, at <a href="http://www.zci.lu/KCM%20Valuation%20Report.pdf">www.zci.lu/KCM%20Valuation%20Report.pdf</a> .
77	Kirkham, Rodney, and Broughton, David, 2005, Supplement to the sediment-hosted stratiform copper ore system, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Littleton, Colorado, Society of Economic Geologists, Inc., p. 609–642.
78	Cox, D.P., Lindsey, D.A., Singer, D.A., and Diggles, M.F., 2003, revised 2007, Sediment-hosted copper deposits of the world—Deposit models and database: U.S. Geological Survey Open-File Report 2003-107 version 1.1, 50 p. (Also available online at <a href="http://pubs.usgs.gov/of/2003/of03-107/">http://pubs.usgs.gov/of/2003/of03-107/</a> .)
82	Selley, David, Broughton, David, Scott, Robert, Hitzman, Murray, Bull, S.W., Large, R.R., McGoldrick, P.J., Croaker, Mawson, Pollington, Nicky, and Barra, Fernando, 2005, A new look at the geology of the Zambian Copperbelt, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Society of Economic Geologists, Littleton, Colo., United States, p. 965–1000.
85	African Rainbow Minerals Ltd., 2008, Annual Report 2008: African Rainbow Minerals Ltd. Annual Report, 228 p., accessed Oct. 4, 2010, at <a href="http://www.arm.co.za/im/files/annual/2008/files/ARM_AR2008.pdf">http://www.arm.co.za/im/files/annual/2008/files/ARM_AR2008.pdf</a> .
86	Konkola Copper Mines plc, 2010, Konkola Copper Mines: Konkola Copper Mines plc Web Page, accessed 2010, at <a href="http://www.kcm.co.zm/konkola.php">http://www.kcm.co.zm/konkola.php</a> .
92	Faurie, Jonathan, 2007, Canadian company revises categories at Konkola North, July 27, 2007: Mining Weekly Online Web Page, accessed May 23, 2010, at <a href="http://www.miningweekly.com/article/canadian-company-revises-categories-at-konkola-north-2007-07-27">http://www.miningweekly.com/article/canadian-company-revises-categories-at-konkola-north-2007-07-27</a> .

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RefNo	Deposit Reference
93	Brook Hunt & Associates, 1982, Zaire and Zambia—A visit report, 204 p. [unpublished U. S. Bureau of Mines report]
97	Vedanta Resources plc, 2009, Annual Report 2009: Vedanta Resources plc Annual Report, 128 p., accessed May 27, 2010, at <a href="http://ar2009.vedantaresources.com/pdf/AR2009%20Final.pdf">http://ar2009.vedantaresources.com/pdf/AR2009%20Final.pdf</a> .
99	African Rainbow Minerals Ltd., 2009, Annual Report 2009: African Rainbow Minerals Ltd. Annual Report, 222 p., accessed Oct. 4, 2010, at <a href="http://www.arm.co.za/im/files/annual/2009/pdf/full.pdf">http://www.arm.co.za/im/files/annual/2009/pdf/full.pdf</a> .
109	Reeve, W.H., 1963, The geology and mineral resources of Northern Rhodesia: Northern Rhodesia Geological Survey Bulletin 3, v. 1, 211 p. (text) and v. 2 (maps).
115	Freeman, P.V., comp., 1988, Description of mineral deposits on the Copperbelt (and Kabwe, Nampundwe): Lukasa, Zambia, [Consolidated Copper Mines Ltd. (ZCCM) unpublished company report], 88 p.
127	Vedanta Resources plc, 2007, Annual Report 2007: Vedanta Resources plc Annual Report, 136 p., accessed May 26, 2011, at <a href="http://www.vedantaresources.com/uploads/vedantara07.pdf">http://www.vedantaresources.com/uploads/vedantara07.pdf</a> .
128	Vedanta Resources plc, 2005, Annual Report 2005: Vedanta Resources plc Annual Report, 127 p., accessed May 26, 2011 at <a href="http://www.vedantaresources.com/uploads/annual20report202005.pdf">http://www.vedantaresources.com/uploads/annual20report202005.pdf</a> .

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ResID	<input type="text" value="14"/>	DepID	<input type="text" value="79"/>	Subpart	<input type="text"/>				
Resource Category	<input type="text" value="production"/>		Resource Standard	<input type="text"/>					
Year(s)	<input type="text" value="2005"/>		ASCu grade	<input type="text"/>	Ag grade	<input type="text"/>			
Ore (mt)	<input type="text" value="3,452,341"/>	Cu grade	<input type="text" value="1.26"/>	Co grade	<input type="text"/>	ASCu amount	<input type="text"/>	Ag amount	<input type="text"/>
				Cu equivalent	<input type="text"/>	Au grade	<input type="text"/>		
		Cu amount	<input type="text" value="43,504"/>	Co amount	<input type="text"/>	Cu cutoff	<input type="text"/>	Au amount	<input type="text"/>
				Reference Page	<input type="text" value="128 (p. 118)"/>				

RefNo	Resources Reference
128	Vedanta Resources plc, 2005, Annual Report 2005: Vedanta Resources plc Annual Report, 127 p., accessed May 26, 2011 at <a href="http://www.vedantaresources.com/uploads/annual20report202005.pdf">http://www.vedantaresources.com/uploads/annual20report202005.pdf</a> .

ResID	<input type="text" value="15"/>	DepID	<input type="text" value="79"/>	Subpart	<input type="text"/>				
Resource Category	<input type="text" value="production"/>		Resource Standard	<input type="text"/>					
Year(s)	<input type="text" value="2006"/>		ASCu grade	<input type="text"/>	Ag grade	<input type="text"/>			
Ore (mt)	<input type="text" value="9,518,315"/>	Cu grade	<input type="text" value="1.042"/>	Co grade	<input type="text"/>	ASCu amount	<input type="text"/>	Ag amount	<input type="text"/>
				Cu equivalent	<input type="text"/>	Au grade	<input type="text"/>		
		Cu amount	<input type="text" value="99,182"/>	Co amount	<input type="text"/>	Cu cutoff	<input type="text"/>	Au amount	<input type="text"/>
				Reference Page	<input type="text" value="127 (p. 125)"/>				

RefNo	Resources Reference
127	Vedanta Resources plc, 2007, Annual Report 2007: Vedanta Resources plc Annual Report, 136 p., accessed May 26, 2011, at <a href="http://www.vedantaresources.com/uploads/vedantara07.pdf">http://www.vedantaresources.com/uploads/vedantara07.pdf</a> .

ResID	<input type="text" value="16"/>	DepID	<input type="text" value="79"/>	Subpart	<input type="text"/>				
Resource Category	<input type="text" value="production"/>		Resource Standard	<input type="text"/>					
Year(s)	<input type="text" value="2007"/>		ASCu grade	<input type="text"/>	Ag grade	<input type="text"/>			
Ore (mt)	<input type="text" value="8,817,637"/>	Cu grade	<input type="text" value="0.957"/>	Co grade	<input type="text"/>	ASCu amount	<input type="text"/>	Ag amount	<input type="text"/>
				Cu equivalent	<input type="text"/>	Au grade	<input type="text"/>		

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Cu amount 84,356 Co amount Cu cutoff Au amount  
Reference Page 127 (p. 125)

## RefNo Resources Reference

127 Vedanta Resources plc, 2007, Annual Report 2007: Vedanta Resources plc Annual Report, 136 p., accessed May 26, 2011, at <http://www.vedantaresources.com/uploads/vedantara07.pdf>.

ResID 17 DepID 79 Subpart  
Resource Category production Resource Standard  
Year(s) 2008 ASCu grade Ag grade  
Ore (mt) Cu grade Co grade ASCu amount Ag amount  
7,312,988 1.034  
Cu amount Co amount Cu cutoff Au amount  
75,631  
Reference Page 97 (p. 118)

## RefNo Resources Reference

97 Vedanta Resources plc, 2009, Annual Report 2009: Vedanta Resources plc Annual Report, 128 p., accessed May 27, 2010, at <http://ar2009.vedantaresources.com/pdf/AR2009%20Final.pdf>.

ResID 18 DepID 79 Subpart  
Resource Category production Resource Standard  
Year(s) 2009 ASCu grade Ag grade  
Ore (mt) Cu grade Co grade ASCu amount Ag amount  
8,813,986 0.924  
Cu amount Co amount Cu cutoff Au amount  
81,435  
Reference Page 97 (p. 118)

## RefNo Resources Reference

97 Vedanta Resources plc, 2009, Annual Report 2009: Vedanta Resources plc Annual Report, 128 p., accessed May 27, 2010, at <http://ar2009.vedantaresources.com/pdf/AR2009%20Final.pdf>.

ResID 208 DepID 79 Subpart Konkola North--South Limb  
Resource Category inferred Resource Standard CIM

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Year(s)	2008	ASCu grade	0.25	Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount	
16,200,000	2.22		Cu equivalent	Au grade	
	Cu amount	Co amount	Cu cutoff	Au amount	

Reference Page 32 (p. ii, or p. 4 of 78)

RefNo Resources Reference

32 Simposya, V.M., and Hart, P.C.L, 2008, Technical report on the mineral resources for the Konkola North Copper project, Chililabombwe, Zambia: SRK Consulting Project Number 384408, prepared for TEAL Exploration and Mining Co., March 2008, 78 p. (Also available at <http://www.sedar.com>.)

ResID	209	DepID	79	Subpart	Konkola North--East Limb
Resource Category	inferred	Resource Standard	CIM		
Year(s)	2008	ASCu grade	0.41	Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount	
10,700,000	2.83		Cu equivalent	Au grade	
	Cu amount	Co amount	Cu cutoff	Au amount	

Reference Page 32 (p. ii, or p. 4 of 78)

RefNo Resources Reference

32 Simposya, V.M., and Hart, P.C.L, 2008, Technical report on the mineral resources for the Konkola North Copper project, Chililabombwe, Zambia: SRK Consulting Project Number 384408, prepared for TEAL Exploration and Mining Co., March 2008, 78 p. (Also available at <http://www.sedar.com>.)

ResID	246	DepID	79	Subpart	Konkola North (south and east limbs)
Resource Category	measured+indicated	Resource Standard	CIM		
Year(s)	2009	ASCu grade	0.47	Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount	
51,000,000	2.35		Cu equivalent	Au grade	

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Cu amount 1,198,500 Co amount Cu cutoff 1 Au amount  
Reference Page 85 (p. 102); 32; 99 (p. 29)

RefNo	Resources Reference
32	Simposya, V.M., and Hart, P.C.L, 2008, Technical report on the mineral resources for the Konkola North Copper project, Chililabombwe, Zambia: SRK Consulting Project Number 384408, prepared for TEAL Exploration and Mining Co., March 2008, 78 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)
85	African Rainbow Minerals Ltd., 2008, Annual Report 2008: African Rainbow Minerals Ltd. Annual Report, 228 p., accessed Oct. 4, 2010, at <a href="http://www.arm.co.za/im/files/annual/2008/files/ARM_AR2008.pdf">http://www.arm.co.za/im/files/annual/2008/files/ARM_AR2008.pdf</a> .
99	African Rainbow Minerals Ltd., 2009, Annual Report 2009: African Rainbow Minerals Ltd. Annual Report, 222 p., accessed Oct. 4, 2010, at <a href="http://www.arm.co.za/im/files/annual/2009/pdf/full.pdf">http://www.arm.co.za/im/files/annual/2009/pdf/full.pdf</a> .

ResID 247 DepID 79 Subpart Konkola Deep  
Resource Category inferred Resource Standard  
Year(s) 2005 ASCu grade 0.62 Ag grade  
Ore (mt) Cu grade Co grade ASCu amount Ag amount  
87,100,000 4.1  
Cu amount Co amount Cu cutoff 1 Au amount  
3,571,100  
Reference Page 75 (p. 15)

RefNo	Resources Reference
75	IMC Group Consulting Ltd., 2008, Technical assessment report of Konkola Copper Mines plc as at 12th August 2005, in N.M. Rothschild & Sons, KCM Valuation: N.M. Rothschild & Sons, prepared for ZCI Holdings SA and Vedanta Resources plc, 15 January, 2008 [revised April 2009], 142 p. plus appendices, accessed July 6, 2009, at <a href="http://www.zci.lu/KCM%20Valuation%20Report.pdf">www.zci.lu/KCM%20Valuation%20Report.pdf</a> .

ResID 250 DepID 79 Subpart Konkola North (south and east limbs)  
Resource Category production Resource Standard NA  
Year(s) 1957-1958 ASCu grade Ag grade  
Ore (mt) Cu grade Co grade ASCu amount Ag amount  
749,000 2.29  
Cu equivalent Au grade

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Cu amount  Co amount  Cu cutoff  Au amount   
 17,152  Reference Page  32 (p. 6)

RefNo Resources Reference

32 Simposya, V.M., and Hart, P.C.L, 2008, Technical report on the mineral resources for the Konkola North Copper project, Chililabombwe, Zambia: SRK Consulting Project Number 384408, prepared for TEAL Exploration and Mining Co., March 2008, 78 p. (Also available at <http://www.sedar.com>.)

ResID  256 DepID  79 Subpart  Konkola North (Area A south and east limbs)  
 Resource Category  inferred Resource Standard  CIM  
 Year(s)  2009 ASCu grade  1.09 Ag grade   
 Ore (mt) Cu grade Co grade ASCu amount Ag amount  
 219,500,000  2.64     
 Cu amount Co amount Cu cutoff Au amount  
 5,794,800   1   
 Reference Page  85 (p. 102); 99 (p. 29, 156)

RefNo Resources Reference

85 African Rainbow Minerals Ltd., 2008, Annual Report 2008: African Rainbow Minerals Ltd. Annual Report, 228 p., accessed Oct. 4, 2010, at [http://www.arm.co.za/im/files/annual/2008/files/ARM\\_AR2008.pdf](http://www.arm.co.za/im/files/annual/2008/files/ARM_AR2008.pdf).

99 African Rainbow Minerals Ltd., 2009, Annual Report 2009: African Rainbow Minerals Ltd. Annual Report, 222 p., accessed Oct. 4, 2010, at <http://www.arm.co.za/im/files/annual/2009/pdf/full.pdf>.

ResID  259 DepID  79 Subpart  Konkola (KCM)  
 Resource Category  production Resource Standard  NA  
 Year(s)  1955-2001 ASCu grade  Ag grade   
 Ore (mt) Cu grade Co grade ASCu amount Ag amount  
 70,900,000  3.13     
 Cu amount Co amount Cu cutoff Au amount



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Cu amount 2,219,170 Co amount  Cu cutoff  Au amount   
 Reference Page 77, 86

RefNo	Resources Reference
77	Kirkham, Rodney, and Broughton, David, 2005, Supplement to the sediment-hosted stratiform copper ore system, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Littleton, Colorado, Society of Economic Geologists, Inc., p. 609–642.
86	Konkola Copper Mines plc, 2010, Konkola Copper Mines: Konkola Copper Mines plc Web Page, accessed 2010, at <a href="http://www.kcm.co.zm/konkola.php">http://www.kcm.co.zm/konkola.php</a> .

ResID  263 DepID  79 Subpart  Konkola (KCM)  
 Resource Category  proved Resource Standard   
 Year(s)  2005 ASCu grade  0.28 Ag grade   
 Ore (mt)  4,120,000 Cu grade  3.28 Co grade  ASCu amount  Ag amount   
 Cu amount  135,136 Co amount  Cu cutoff  1 Au amount   
 Reference Page  75 (p. 15)

RefNo	Resources Reference
75	IMC Group Consulting Ltd., 2008, Technical assessment report of Konkola Copper Mines plc as at 12th August 2005, in N.M. Rothschild & Sons, KCM Valuation: N.M. Rothschild & Sons, prepared for ZCI Holdings SA and Vedanta Resources plc, 15 January, 2008 [revised April 2009], 142 p. plus appendices, accessed July 6, 2009, at <a href="http://www.zci.lu/KCM%20Valuation%20Report.pdf">www.zci.lu/KCM%20Valuation%20Report.pdf</a> .

ResID  264 DepID  79 Subpart  Konkola (KCM)  
 Resource Category  probable Resource Standard   
 Year(s)  2005 ASCu grade  0.33 Ag grade   
 Ore (mt)  16,360,000 Cu grade  3.32 Co grade  ASCu amount  Ag amount   
 Cu amount  Cu equivalent  Au grade

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Cu amount 543,152 Co amount Cu cutoff 1 Au amount  
Reference Page 75 (p. 15)

RefNo Resources Reference

75 IMC Group Consulting Ltd., 2008, Technical assessment report of Konkola Copper Mines plc as at 12th August 2005, in N.M. Rothschild & Sons, KCM Valuation: N.M. Rothschild & Sons, prepared for ZCI Holdings SA and Vedanta Resources plc, 15 January, 2008 [revised April 2009], 142 p. plus appendices, accessed July 6, 2009, at [www.zci.lu/KCM%20Valuation%20Report.pdf](http://www.zci.lu/KCM%20Valuation%20Report.pdf).

ResID 265 DepID 79 Subpart Konkola (KCM)  
Resource Category measured Resource Standard  
Year(s) 2005 ASCu grade 0.61 Ag grade  
Ore (mt) Cu grade Co grade ASCu amount Ag amount  
1,160,000 2.57  
Cu amount Co amount Cu cutoff 1 Au amount  
29,812  
Reference Page 75 (p. 15)

RefNo Resources Reference

75 IMC Group Consulting Ltd., 2008, Technical assessment report of Konkola Copper Mines plc as at 12th August 2005, in N.M. Rothschild & Sons, KCM Valuation: N.M. Rothschild & Sons, prepared for ZCI Holdings SA and Vedanta Resources plc, 15 January, 2008 [revised April 2009], 142 p. plus appendices, accessed July 6, 2009, at [www.zci.lu/KCM%20Valuation%20Report.pdf](http://www.zci.lu/KCM%20Valuation%20Report.pdf).

ResID 273 DepID 79 Subpart Konkola (KCM)  
Resource Category indicated Resource Standard  
Year(s) 2005 ASCu grade 0.5 Ag grade  
Ore (mt) Cu grade Co grade ASCu amount Ag amount  
24,810,000 2.46  
Cu amount Co amount Cu cutoff 1 Au amount  
610,326  
Reference Page 75 (p. 15)

RefNo Resources Reference

75 IMC Group Consulting Ltd., 2008, Technical assessment report of Konkola Copper Mines plc as at 12th August 2005, in N.M. Rothschild & Sons, KCM Valuation: N.M. Rothschild & Sons, prepared for ZCI Holdings SA and Vedanta Resources plc, 15 January, 2008 [revised April 2009], 142 p. plus appendices, accessed July 6, 2009, at [www.zci.lu/KCM%20Valuation%20Report.pdf](http://www.zci.lu/KCM%20Valuation%20Report.pdf).

ResID 274 DepID 79 Subpart Konkola (KCM)  
Resource Category inferred Resource Standard

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Year(s)	2005	ASCu grade	0.62	Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount	
16,830,000	1.87		Cu equivalent	Au grade	
	Cu amount	Co amount	Cu cutoff	Au amount	
	314,721		1		
			Reference Page	75 (p. 15)	

RefNo Resources Reference

75 IMC Group Consulting Ltd., 2008, Technical assessment report of Konkola Copper Mines plc as at 12th August 2005, in N.M. Rothschild & Sons, KCM Valuation: N.M. Rothschild & Sons, prepared for ZCI Holdings SA and Vedanta Resources plc, 15 January, 2008 [revised April 2009], 142 p. plus appendices, accessed July 6, 2009, at [www.zci.lu/KCM%20Valuation%20Report.pdf](http://www.zci.lu/KCM%20Valuation%20Report.pdf).

ResID	275	DepID	79	Subpart	Konkola Deep
Resource Category	measured	Resource Standard			
Year(s)	2005	ASCu grade	0.43	Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount	
1,600,000	3.53		Cu equivalent	Au grade	
	Cu amount	Co amount	Cu cutoff	Au amount	
	56,480		1		
			Reference Page	75 (p. 15)	

RefNo Resources Reference

75 IMC Group Consulting Ltd., 2008, Technical assessment report of Konkola Copper Mines plc as at 12th August 2005, in N.M. Rothschild & Sons, KCM Valuation: N.M. Rothschild & Sons, prepared for ZCI Holdings SA and Vedanta Resources plc, 15 January, 2008 [revised April 2009], 142 p. plus appendices, accessed July 6, 2009, at [www.zci.lu/KCM%20Valuation%20Report.pdf](http://www.zci.lu/KCM%20Valuation%20Report.pdf).

ResID	276	DepID	79	Subpart	Konkola Deep
Resource Category	indicated	Resource Standard			
Year(s)	2005	ASCu grade	0.44	Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount	
103,930,000	4.37		Cu equivalent	Au grade	

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Cu amount

Co amount

Cu cutoff

1

Au amount

4,541,741

Reference Page

75 (p. 15)

RefNo

Resources Reference

75 IMC Group Consulting Ltd., 2008, Technical assessment report of Konkola Copper Mines plc as at 12th August 2005, in N.M. Rothschild & Sons, KCM Valuation: N.M. Rothschild & Sons, prepared for ZCI Holdings SA and Vedanta Resources plc, 15 January, 2008 [revised April 2009], 142 p. plus appendices, accessed July 6, 2009, at [www.zci.lu/KCM%20Valuation%20Report.pdf](http://www.zci.lu/KCM%20Valuation%20Report.pdf).

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Group Name	<input type="text" value="Nsato"/>	DepID	<input type="text" value="80"/>	MRDS	<input type="text" value="10400376"/>
Deposit Name	<input type="text" value="Nsato"/>	Property	<input type="text" value="Mufulira"/>		
Total Endowment		Latitude	<input type="text" value="-12.4849"/>	Longitude	<input type="text" value="28.188"/>
DepID	Ore(mt)	Cu(pct)	Co(pct)	Country	<input type="text" value="Zambia"/>
80	8,400,000	1.61		Province	<input type="text" value="Copperbelt"/>
Other Names	<input type="text" value="(also see Mufulira, and Kasaria/Luansobe)"/>				
Includes	<input type="text"/>				
Site Activity	<input type="text" value="unknown"/>	Production	<input type="checkbox"/>		
Deposit Type	<input type="text" value="Sediment-hosted stratabound copper deposit"/>		DepositSubtype	<input type="text" value="Sandstone copper, Roan arenite"/>	

RefNo	Deposit Reference
21	Kirkham, R.V., Carrière, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: Geological Survey of Canada Open File 2915b, 256 p.
78	Cox, D.P., Lindsey, D.A., Singer, D.A., and Diggles, M.F., 2003, revised 2007, Sediment-hosted copper deposits of the world—Deposit models and database: U.S. Geological Survey Open-File Report 2003-107 version 1.1, 50 p. (Also available online at <a href="http://pubs.usgs.gov/of/2003/of03-107/">http://pubs.usgs.gov/of/2003/of03-107/</a> .)
82	Selley, David, Broughton, David, Scott, Robert, Hitzman, Murray, Bull, S.W., Large, R.R., McGoldrick, P.J., Croaker, Mawson, Pollington, Nicky, and Barra, Fernando, 2005, A new look at the geology of the Zambian Copperbelt, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Society of Economic Geologists, Littleton, Colo., United States, p. 965–1000.
96	CSMA Consultants Ltd., ACA How International Ltd., and SGS Ghana Ltd., 2001, Competent Person's Report, The assets of First Quantum Minerals Ltd. in Zambia and Zimbabwe, May 2001: CSMA Consultants Ltd., ACA How International Ltd., and SGS Ghana Ltd. Technical Report, prepared for First Quantum Minerals Ltd., May, 2001, 203 p. (Also available at <a href="http://www.sedar.com/">http://www.sedar.com/</a> .)
115	Freeman, P.V., comp., 1988, Description of mineral deposits on the Copperbelt (and Kabwe, Nampundwe): Lukasa, Zambia, [Consolidated Copper Mines Ltd. (ZCCM) unpublished company report], 88 p.

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ResID	63	DeplD	80	Subpart	Nsato (copper)	
Resource Category	resource			Resource Standard	None	
Year(s)	1988		ASCu grade		Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount		Ag amount	
8,400,000	1.61		Cu equivalent		Au grade	
	Cu amount	Co amount	Cu cutoff		Au amount	
	135,240		Reference Page	115 (p. 5, 81)		

RefNo	Resources Reference
115	Freeman, P.V., comp., 1988, Description of mineral deposits on the Copperbelt (and Kabwe, Nampundwe): Lukasa, Zambia, [Consolidated Copper Mines Ltd. (ZCCM) unpublished company report], 88 p.

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Group Name	<input type="text" value="Mokambo Project - Mokambo South"/>	DepID	<input type="text" value="81"/>	MRDS	<input type="text" value="10231999"/>
Deposit Name	<input type="text" value="Mokambo Project"/>	Property	<input type="text" value="Mokambo Project - Mokambo South"/>		
Total Endowment		Latitude	<input type="text" value="-12.4674"/>	Longitude	<input type="text" value="28.373"/>
DepID	Ore(mt)	Cu(pct)	Co(pct)	Country	<input type="text" value="Zambia"/>
81	14,900,000	1.22		Province	<input type="text" value="Copperbelt"/>
Other Names	<input type="text" value="(formerly mislabeled Mokambo North), Mokambo Central"/>				
Includes	<input type="text" value="north Mokambo"/>				
Site Activity	<input type="text" value="exploration"/>	Production	<input type="checkbox"/>		
Deposit Type	<input type="text" value="Sediment-hosted stratabound copper deposit"/>	DepositSubtype	<input type="text" value="Sandstone copper, Roan arenite"/>		

RefNo	Deposit Reference
21	Kirkham, R.V., Carrière, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: Geological Survey of Canada Open File 2915b, 256 p.
78	Cox, D.P., Lindsey, D.A., Singer, D.A., and Diggles, M.F., 2003, revised 2007, Sediment-hosted copper deposits of the world—Deposit models and database: U.S. Geological Survey Open-File Report 2003-107 version 1.1, 50 p. (Also available online at <a href="http://pubs.usgs.gov/of/2003/of03-107/">http://pubs.usgs.gov/of/2003/of03-107/</a> .)
82	Selley, David, Broughton, David, Scott, Robert, Hitzman, Murray, Bull, S.W., Large, R.R., McGoldrick, P.J., Croaker, Mawson, Pollington, Nicky, and Barra, Fernando, 2005, A new look at the geology of the Zambian Copperbelt, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Society of Economic Geologists, Littleton, Colo., United States, p. 965–1000.
83	Body, Kathleen, and Lomberg, Ken, 2008, Qualified Persons Report, ICS Copper Systems Pty Ltd., Mokambo Concession, Copper Belt, Zambia: Coffey Mining (SA) Pty Ltd., prepared for Nubian Resources Ltd., October 8, 2008, 74 p., accessed April 23, 2012, at <a href="http://www.nubianr.com/_resources/Technical_Report_Nov2008.pdf">http://www.nubianr.com/_resources/Technical_Report_Nov2008.pdf</a> .

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ResID	235	DeplD	81	Subpart	Mokambo North	
Resource Category	inferred			Resource Standard		
Year(s)	2008		ASCu grade		Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount		Ag amount	
14,900,000	1.22		Cu equivalent		Au grade	
	Cu amount	Co amount	Cu cutoff	0.75	Au amount	
	181,780		Reference Page	83 (p. 4)		

RefNo	Resources Reference
83	Body, Kathleen, and Lomberg, Ken, 2008, Qualified Persons Report, ICS Copper Systems pty Ltd., Mokambo Concession, Copper Belt, Zambia: Coffey Mining (SA) pty Ltd., prepared for Nubian Resources Ltd., October 8, 2008, 74 p., accessed April 23, 2012, at <a href="http://www.nubianr.com/_resources/Technical_Report_Nov2008.pdf">http://www.nubianr.com/_resources/Technical_Report_Nov2008.pdf</a> .



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Group Name	<input type="text" value="Mufulira"/>	DepID	<input type="text" value="82"/>	MRDS	<input type="text" value="10255912"/>
Deposit Name	<input type="text" value="Mufulira"/>	Property	<input type="text" value="Mufulira"/>		
Total Endowment		Latitude	<input type="text" value="-12.5198"/>	Longitude	<input type="text" value="28.2285"/>
DepID	Ore(mt)	Cu(pct)	Co(pct)	Country	<input type="text" value="Zambia"/>
82	332,586,652	2.66		Province	<input type="text" value="Copperbelt"/>
Other Names	<input type="text"/>				
Includes	<input type="text" value="may include Mufulira Deep?, Luansobe?, Kasaria?"/>				
Site Activity	<input type="text" value="unknown"/>	Production	<input checked="" type="checkbox"/>		
Deposit Type	<input type="text" value="Sediment-hosted stratabound copper deposit"/>		DepositSubtype	<input type="text" value="Sandstone copper, Roan arenite"/>	

RefNo	Deposit Reference
19	Fleischer, V.D., Garlick, W.G., and Haldane, R., 1976, Chapter 6 - Geology of the Zambian Copperbelt, in Wolf, K.H., ed., Handbook of strata-bound and stratiform ore deposits, Regional studies and specific deposits, Volume 6 - Cu, Zn, Pb, and Ag deposits: New York, Elsevier, p. 223–352.
21	Kirkham, R.V., Carrière, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: Geological Survey of Canada Open File 2915b, 256 p.
27	Garlick, W.G., 1989, Genetic interpretation from ore relations to algal reefs in Zambia and Zaire, in Boyle, R.W., Brown, A.C., Jefferson, C.W., Jowett, E.C., and Kirkham, R.V., eds., Sediment-hosted stratiform copper deposits: Geological Association of Canada Special Paper 36, p. 471–498.
77	Kirkham, Rodney, and Broughton, David, 2005, Supplement to the sediment-hosted stratiform copper ore system, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Littleton, Colorado, Society of Economic Geologists, Inc., p. 609–642.
78	Cox, D.P., Lindsey, D.A., Singer, D.A., and Diggles, M.F., 2003, revised 2007, Sediment-hosted copper deposits of the world—Deposit models and database: U.S. Geological Survey Open-File Report 2003-107 version 1.1, 50 p. (Also available online at <a href="http://pubs.usgs.gov/of/2003/of03-107/">http://pubs.usgs.gov/of/2003/of03-107/</a> .)
82	Selley, David, Broughton, David, Scott, Robert, Hitzman, Murray, Bull, S.W., Large, R.R., McGoldrick, P.J., Croaker, Mawson, Pollington, Nicky, and Barra, Fernando, 2005, A new look at the geology of the Zambian Copperbelt, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Society of Economic Geologists, Littleton, Colo., United States, p. 965–1000.

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RefNo	Deposit Reference
91	Ianham, Andrew, 2005, Mopani Spending \$650M to triple production, 26 Aug. 2005: Engineering News Online Web Page, accessed May 26, 2010, at <a href="http://www.engineeringnews.co.za/article/mopani-spending-560m-to-triple-production-2005-08-26">http://www.engineeringnews.co.za/article/mopani-spending-560m-to-triple-production-2005-08-26</a> .
96	CSMA Consultants Ltd., ACA How International Ltd., and SGS Ghana Ltd., 2001, Competent Person's Report, The assets of First Quantum Minerals Ltd. in Zambia and Zimbabwe, May 2001: CSMA Consultants Ltd., ACA How International Ltd., and SGS Ghana Ltd. Technical Report, prepared for First Quantum Minerals Ltd., May, 2001, 203 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)
98	First Quantum Minerals Ltd., 2001, 2001 Annual Report: First Quantum Minerals Ltd. Annual Report, 50 p.
109	Reeve, W.H., 1963, The geology and mineral resources of Northern Rhodesia: Northern Rhodesia Geological Survey Bulletin 3, v. 1, 211 p. (text) and v. 2 (maps).
115	Freeman, P.V., comp., 1988, Description of mineral deposits on the Copperbelt (and Kabwe, Nampundwe): Lukasa, Zambia, [Consolidated Copper Mines Ltd. (ZCCM) unpublished company report], 88 p.

ResID	6	DepID	82	Subpart	Orebodies A, B, and C.
Resource Category	reserve		Resource Standard		
Year(s)	2000		ASCu grade		Ag grade
Ore (mt)	Cu grade	Co grade	ASCu amount		Ag amount
27,231,000	3.04		Cu equivalent		Au grade
	Cu amount	Co amount	Cu cutoff		Au amount
			Reference Page	96 (p. 103)	

RefNo	Resources Reference
96	CSMA Consultants Ltd., ACA How International Ltd., and SGS Ghana Ltd., 2001, Competent Person's Report, The assets of First Quantum Minerals Ltd. in Zambia and Zimbabwe, May 2001: CSMA Consultants Ltd., ACA How International Ltd., and SGS Ghana Ltd. Technical Report, prepared for First Quantum Minerals Ltd., May, 2001, 203 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)

ResID	7	DepID	82	Subpart	
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Resource Category			resource			Resource Standard					
Year(s)			2000			ASCu grade					
Ore (mt)			41,642,000			Cu grade			3.14		
Co grade						ASCu amount					
Cu amount						Cu equivalent					
Co amount						Cu cutoff					
Au grade						Au amount					
Reference Page			96 (p. 103)								

RefNo Resources Reference

96 CSMA Consultants Ltd., ACA How International Ltd., and SGS Ghana Ltd., 2001, Competent Person's Report, The assets of First Quantum Minerals Ltd. in Zambia and Zimbabwe, May 2001: CSMA Consultants Ltd., ACA How International Ltd., and SGS Ghana Ltd. Technical Report, prepared for First Quantum Minerals Ltd., May, 2001, 203 p. (Also available at <http://www.sedar.com>.)

ResID			216			DepID			82		
Subpart			Mufulira								
Resource Category			production			Resource Standard			NA		
Year(s)			1933-2000			ASCu grade					
Ore (mt)			263,713,652			Cu grade			2.55		
Co grade						ASCu amount					
Cu amount						Cu equivalent					
Co amount						Cu cutoff					
Au grade						Au amount					
Reference Page			96 (p. 12)								

RefNo Resources Reference

96 CSMA Consultants Ltd., ACA How International Ltd., and SGS Ghana Ltd., 2001, Competent Person's Report, The assets of First Quantum Minerals Ltd. in Zambia and Zimbabwe, May 2001: CSMA Consultants Ltd., ACA How International Ltd., and SGS Ghana Ltd. Technical Report, prepared for First Quantum Minerals Ltd., May, 2001, 203 p. (Also available at <http://www.sedar.com>.)

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Group Name	Chingola-Nchanga	DepID	83	MRDS	10158996
Deposit Name	Chingola	Property	Nchanga/Chingola		
Total Endowment		Latitude	-12.5445	Longitude	27.8255
DepID	Ore(mt)	Cu(pct)	Co(pct)		
83	141,390,000	1.47			
Other Names					
Includes					
Site Activity	unknown	Production	<input type="checkbox"/>		
Deposit Type	Sediment-hosted stratabound copper deposit		DepositSubtype	Reduced-facies, ore shale	

RefNo	Deposit Reference
16	Annels, A.E., 1989, Ore genesis in the Zambian Copperbelt, with particular reference to the northern sector of the Chambishi Basin, in Boyle, R.W., Brown, A.C., Jefferson, C.W., Jowett, E.C., and Kirkham, R.V., eds., Sediment-hosted stratiform copper deposits: Geological Association of Canada Special Paper 36, p. 427–452.
21	Kirkham, R.V., Carrière, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: Geological Survey of Canada Open File 2915b, 256 p.
75	IMC Group Consulting Ltd., 2008, Technical assessment report of Konkola Copper Mines plc as at 12th August 2005, in N.M. Rothschild & Sons, KCM Valuation: N.M. Rothschild & Sons, prepared for ZCI Holdings SA and Vedanta Resources plc, 15 January, 2008 [revised April 2009], 142 p. plus appendices, accessed July 6, 2009, at <a href="http://www.zci.lu/KCM%20Valuation%20Report.pdf">www.zci.lu/KCM%20Valuation%20Report.pdf</a> .
78	Cox, D.P., Lindsey, D.A., Singer, D.A., and Diggles, M.F., 2003, revised 2007, Sediment-hosted copper deposits of the world—Deposit models and database: U.S. Geological Survey Open-File Report 2003-107 version 1.1, 50 p. (Also available online at <a href="http://pubs.usgs.gov/of/2003/of03-107/">http://pubs.usgs.gov/of/2003/of03-107/</a> .)
82	Selley, David, Broughton, David, Scott, Robert, Hitzman, Murray, Bull, S.W., Large, R.R., McGoldrick, P.J., Croaker, Mawson, Pollington, Nicky, and Barra, Fernando, 2005, A new look at the geology of the Zambian Copperbelt, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Society of Economic Geologists, Littleton, Colo., United States, p. 965–1000.
109	Reeve, W.H., 1963, The geology and mineral resources of Northern Rhodesia: Northern Rhodesia Geological Survey Bulletin 3, v. 1, 211 p. (text) and v. 2 (maps).

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ResID	219	DepID	83	Subpart	Chingola A, C, E	
Resource Category	inferred			Resource Standard	None	
Year(s)	2005		ASCu grade	0.99	Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount		Ag amount	
35,560,000	1.54		Cu equivalent		Au grade	
	Cu amount	Co amount	Cu cutoff		Au amount	
	547,624		Reference Page	75 (p. 57)		

RefNo Resources Reference

75 IMC Group Consulting Ltd., 2008, Technical assessment report of Konkola Copper Mines plc as at 12th August 2005, in N.M. Rothschild & Sons, KCM Valuation: N.M. Rothschild & Sons, prepared for ZCI Holdings SA and Vedanta Resources plc, 15 January, 2008 [revised April 2009], 142 p. plus appendices, accessed July 6, 2009, at [www.zci.lu/KCM%20Valuation%20Report.pdf](http://www.zci.lu/KCM%20Valuation%20Report.pdf).

ResID	220	DepID	83	Subpart	Chingola Open Pits D and F	
Resource Category	probable			Resource Standard	None	
Year(s)	2005		ASCu grade	0.45	Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount		Ag amount	
20,170,000	1.75		Cu equivalent		Au grade	
	Cu amount	Co amount	Cu cutoff		Au amount	
	352,975		Reference Page	75 (p. 56)		

RefNo Resources Reference

75 IMC Group Consulting Ltd., 2008, Technical assessment report of Konkola Copper Mines plc as at 12th August 2005, in N.M. Rothschild & Sons, KCM Valuation: N.M. Rothschild & Sons, prepared for ZCI Holdings SA and Vedanta Resources plc, 15 January, 2008 [revised April 2009], 142 p. plus appendices, accessed July 6, 2009, at [www.zci.lu/KCM%20Valuation%20Report.pdf](http://www.zci.lu/KCM%20Valuation%20Report.pdf).

ResID	221	DepID	83	Subpart	Chingola Open Pits D and F	
Resource Category	measured			Resource Standard	None	
Year(s)	2005		ASCu grade	0.61	Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount		Ag amount	
90,000	1.49		Cu equivalent		Au grade	

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Cu amount 1,341 Co amount Cu cutoff Au amount

Reference Page 75 (p. 56)

RefNo Resources Reference

75 IMC Group Consulting Ltd., 2008, Technical assessment report of Konkola Copper Mines plc as at 12th August 2005, in N.M. Rothschild & Sons, KCM Valuation: N.M. Rothschild & Sons, prepared for ZCI Holdings SA and Vedanta Resources plc, 15 January, 2008 [revised April 2009], 142 p. plus appendices, accessed July 6, 2009, at [www.zci.lu/KCM%20Valuation%20Report.pdf](http://www.zci.lu/KCM%20Valuation%20Report.pdf).

ResID 222 DepID 83 Subpart Chingola Open Pits D and F

Resource Category indicated Resource Standard None

Year(s) 2005 ASCu grade 0.88 Ag grade

Ore (mt) Cu grade Co grade ASCu amount Ag amount

3,160,000 2.19 Cu equivalent Au grade

Cu amount Co amount Cu cutoff Au amount

69,204 Reference Page 75 (p. 56)

RefNo Resources Reference

75 IMC Group Consulting Ltd., 2008, Technical assessment report of Konkola Copper Mines plc as at 12th August 2005, in N.M. Rothschild & Sons, KCM Valuation: N.M. Rothschild & Sons, prepared for ZCI Holdings SA and Vedanta Resources plc, 15 January, 2008 [revised April 2009], 142 p. plus appendices, accessed July 6, 2009, at [www.zci.lu/KCM%20Valuation%20Report.pdf](http://www.zci.lu/KCM%20Valuation%20Report.pdf).

ResID 223 DepID 83 Subpart Chingola Open Pits D and F

Resource Category inferred Resource Standard

Year(s) 2005 ASCu grade 0.84 Ag grade

Ore (mt) Cu grade Co grade ASCu amount Ag amount

82,410,000 1.34 Cu equivalent Au grade

Cu amount Co amount Cu cutoff Au amount

1,104,294 Reference Page 75 (p. 56)

RefNo Resources Reference

75 IMC Group Consulting Ltd., 2008, Technical assessment report of Konkola Copper Mines plc as at 12th August 2005, in N.M. Rothschild & Sons, KCM Valuation: N.M. Rothschild & Sons, prepared for ZCI Holdings SA and Vedanta Resources plc, 15 January, 2008 [revised April 2009], 142 p. plus appendices, accessed July 6, 2009, at [www.zci.lu/KCM%20Valuation%20Report.pdf](http://www.zci.lu/KCM%20Valuation%20Report.pdf).

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Group Name  DepID  MRDS

Deposit Name  Property

Total Endowment

DepID	Ore(mt)	Cu(pct)	Co(pct)
84	425,730,000	3.24	0.031

Latitude  Longitude

Country

Province

Other Names

Includes

Site Activity  Production ☒

Deposit Type  DepositSubtype

RefNo	Deposit Reference
16	Annels, A.E., 1989, Ore genesis in the Zambian Copperbelt, with particular reference to the northern sector of the Chambishi Basin, in Boyle, R.W., Brown, A.C., Jefferson, C.W., Jowett, E.C., and Kirkham, R.V., eds., Sediment-hosted stratiform copper deposits: Geological Association of Canada Special Paper 36, p. 427–452.
19	Fleischer, V.D., Garlick, W.G., and Haldane, R., 1976, Chapter 6 - Geology of the Zambian Copperbelt, in Wolf, K.H., ed., Handbook of strata-bound and stratiform ore deposits, Regional studies and specific deposits, Volume 6 - Cu, Zn, Pb, and Ag deposits: New York, Elsevier, p. 223–352.
21	Kirkham, R.V., Carrière, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: Geological Survey of Canada Open File 2915b, 256 p.
75	IMC Group Consulting Ltd., 2008, Technical assessment report of Konkola Copper Mines plc as at 12th August 2005, in N.M. Rothschild & Sons, KCM Valuation: N.M. Rothschild & Sons, prepared for ZCI Holdings SA and Vedanta Resources plc, 15 January, 2008 [revised April 2009], 142 p. plus appendices, accessed July 6, 2009, at <a href="http://www.zci.lu/KCM%20Valuation%20Report.pdf">www.zci.lu/KCM%20Valuation%20Report.pdf</a> .
77	Kirkham, Rodney, and Broughton, David, 2005, Supplement to the sediment-hosted stratiform copper ore system, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Littleton, Colorado, Society of Economic Geologists, Inc., p. 609–642.
78	Cox, D.P., Lindsey, D.A., Singer, D.A., and Diggles, M.F., 2003, revised 2007, Sediment-hosted copper deposits of the world—Deposit models and database: U.S. Geological Survey Open-File Report 2003-107 version 1.1, 50 p. (Also available online at <a href="http://pubs.usgs.gov/of/2003/of03-107/">http://pubs.usgs.gov/of/2003/of03-107/</a> .)

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RefNo	Deposit Reference
82	Selley, David, Broughton, David, Scott, Robert, Hitzman, Murray, Bull, S.W., Large, R.R., McGoldrick, P.J., Croaker, Mawson, Pollington, Nicky, and Barra, Fernando, 2005, A new look at the geology of the Zambian Copperbelt, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Society of Economic Geologists, Littleton, Colo., United States, p. 965–1000.
86	Konkola Copper Mines plc, 2010, Konkola Copper Mines: Konkola Copper Mines plc Web Page, accessed 2010, at <a href="http://www.kcm.co.zm/konkola.php">http://www.kcm.co.zm/konkola.php</a> .
109	Reeve, W.H., 1963, The geology and mineral resources of Northern Rhodesia: Northern Rhodesia Geological Survey Bulletin 3, v. 1, 211 p. (text) and v. 2 (maps).
115	Freeman, P.V., comp., 1988, Description of mineral deposits on the Copperbelt (and Kabwe, Nampundwe): Lukasa, Zambia, [Consolidated Copper Mines Ltd. (ZCCM) unpublished company report], 88 p.

ResID	47	DepID	84	Subpart	Nchanga Underground			
Resource Category	production			Resource Standard	NA			
Year(s)	1950-2002			ASCu grade		Ag grade		
Ore (mt)	Cu grade	Co grade	ASCu amount		Ag amount			
145,400,000	4.12		Cu equivalent		Au grade			
	Cu amount	Co amount	Cu cutoff		Au amount			
	5,990,480		Reference Page	77				

  

RefNo	Resources Reference
77	Kirkham, Rodney, and Broughton, David, 2005, Supplement to the sediment-hosted stratiform copper ore system, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Littleton, Colorado, Society of Economic Geologists, Inc., p. 609–642.

  

ResID	217	DepID	84	Subpart	Nchanga Open Pit			
Resource Category	production			Resource Standard	NA			
Year(s)	1950-2002			ASCu grade		Ag grade		
Ore (mt)	Cu grade	Co grade	ASCu amount		Ag amount			
168,100,000	2.83		Cu equivalent		Au grade			



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Cu amount 4,760,000 Co amount Cu cutoff Au amount

Reference Page 77

RefNo Resources Reference

- 77 Kirkham, Rodney, and Broughton, David, 2005, Supplement to the sediment-hosted stratiform copper ore system, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Littleton, Colorado, Society of Economic Geologists, Inc., p. 609–642.

ResID 218 DepID 84 Subpart Nchanga small pits

Resource Category production Resource Standard NA

Year(s) 1950-2002 ASCu grade Ag grade

Ore (mt) Cu grade Co grade ASCu amount Ag amount

54,100,000 3.3 Cu equivalent Au grade

Cu amount Co amount Cu cutoff Au amount

1,790,000 Reference Page 77

RefNo Resources Reference

- 77 Kirkham, Rodney, and Broughton, David, 2005, Supplement to the sediment-hosted stratiform copper ore system, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Littleton, Colorado, Society of Economic Geologists, Inc., p. 609–642.

ResID 237 DepID 84 Subpart Nchanga Underground LOM = 9 yrs

Resource Category proved Resource Standard

Year(s) 2005 ASCu grade 1.18 Ag grade

Ore (mt) Cu grade Co grade ASCu amount Ag amount

4,080,000 2.66 Cu equivalent Au grade

Cu amount Co amount Cu cutoff Au amount

108,528 Reference Page 75 (p. 54)

RefNo Resources Reference

- 75 IMC Group Consulting Ltd., 2008, Technical assessment report of Konkola Copper Mines plc as at 12th August 2005, in N.M. Rothschild & Sons, KCM Valuation: N.M. Rothschild & Sons, prepared for ZCI Holdings SA and Vedanta Resources plc, 15 January, 2008 [revised April 2009], 142 p. plus appendices, accessed July 6, 2009, at [www.zci.lu/KCM%20Valuation%20Report.pdf](http://www.zci.lu/KCM%20Valuation%20Report.pdf).

ResID 238 DepID 84 Subpart Nchanga Underground LOM = 9 yrs

Resource Category probable Resource Standard

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Year(s)	2005	ASCu grade	1.12	Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount	
7,790,000	2.39		Cu equivalent	Au grade	
	Cu amount	Co amount	Cu cutoff	Au amount	
	186,181				
			Reference Page	75 (p. 54)	

RefNo Resources Reference

75 IMC Group Consulting Ltd., 2008, Technical assessment report of Konkola Copper Mines plc as at 12th August 2005, in N.M. Rothschild & Sons, KCM Valuation: N.M. Rothschild & Sons, prepared for ZCI Holdings SA and Vedanta Resources plc, 15 January, 2008 [revised April 2009], 142 p. plus appendices, accessed July 6, 2009, at [www.zci.lu/KCM%20Valuation%20Report.pdf](http://www.zci.lu/KCM%20Valuation%20Report.pdf).

ResID	239	DepID	84	Subpart	Nchanga Underground
Resource Category			inferred	Resource Standard	
Year(s)	2005	ASCu grade	0.55	Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount	
28,040,000	2.3	0.37	Cu equivalent	Au grade	
	Cu amount	Co amount	Cu cutoff	Au amount	
	644,920	103,748			
			Reference Page	75 (p. 54)	

RefNo Resources Reference

75 IMC Group Consulting Ltd., 2008, Technical assessment report of Konkola Copper Mines plc as at 12th August 2005, in N.M. Rothschild & Sons, KCM Valuation: N.M. Rothschild & Sons, prepared for ZCI Holdings SA and Vedanta Resources plc, 15 January, 2008 [revised April 2009], 142 p. plus appendices, accessed July 6, 2009, at [www.zci.lu/KCM%20Valuation%20Report.pdf](http://www.zci.lu/KCM%20Valuation%20Report.pdf).

ResID	240	DepID	84	Subpart	Nchanga Underground
Resource Category			measured+indicated	Resource Standard	
Year(s)	2005	ASCu grade	1.85	Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount	
2,510,000	3.92		Cu equivalent	Au grade	

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Cu amount 98,392 Co amount Cu cutoff Au amount  
Reference Page 75 (p. 54)

## RefNo Resources Reference

75 IMC Group Consulting Ltd., 2008, Technical assessment report of Konkola Copper Mines plc as at 12th August 2005, in N.M. Rothschild & Sons, KCM Valuation: N.M. Rothschild & Sons, prepared for ZCI Holdings SA and Vedanta Resources plc, 15 January, 2008 [revised April 2009], 142 p. plus appendices, accessed July 6, 2009, at [www.zci.lu/KCM%20Valuation%20Report.pdf](http://www.zci.lu/KCM%20Valuation%20Report.pdf).

ResID 241 DepID 84 Subpart Nchanga Open Pit LOM = 2.5  
Resource Category probable Resource Standard  
Year(s) 2005 ASCu grade 0.58 Ag grade  
Ore (mt) Cu grade Co grade ASCu amount Ag amount  
12,210,000 1.38 0.15 Cu equivalent Au grade  
Cu amount Co amount Cu cutoff Au amount  
168,498 18,315  
Reference Page 75 (p. 55)

## RefNo Resources Reference

75 IMC Group Consulting Ltd., 2008, Technical assessment report of Konkola Copper Mines plc as at 12th August 2005, in N.M. Rothschild & Sons, KCM Valuation: N.M. Rothschild & Sons, prepared for ZCI Holdings SA and Vedanta Resources plc, 15 January, 2008 [revised April 2009], 142 p. plus appendices, accessed July 6, 2009, at [www.zci.lu/KCM%20Valuation%20Report.pdf](http://www.zci.lu/KCM%20Valuation%20Report.pdf).

ResID 242 DepID 84 Subpart Nchanga Open Pit  
Resource Category indicated Resource Standard  
Year(s) 2005 ASCu grade 0.64 Ag grade  
Ore (mt) Cu grade Co grade ASCu amount Ag amount  
1,850,000 1.42 0.18 Cu equivalent Au grade  
Cu amount Co amount Cu cutoff Au amount  
26,270 3,330  
Reference Page 75 (p. 55)

## RefNo Resources Reference

75 IMC Group Consulting Ltd., 2008, Technical assessment report of Konkola Copper Mines plc as at 12th August 2005, in N.M. Rothschild & Sons, KCM Valuation: N.M. Rothschild & Sons, prepared for ZCI Holdings SA and Vedanta Resources plc, 15 January, 2008 [revised April 2009], 142 p. plus appendices, accessed July 6, 2009, at [www.zci.lu/KCM%20Valuation%20Report.pdf](http://www.zci.lu/KCM%20Valuation%20Report.pdf).

ResID 243 DepID 84 Subpart Nchanga Open Pit  
Resource Category inferred Resource Standard

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Year(s)	2005		ASCu grade	0.59	Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount		Ag amount	
1,650,000	1.53	0.33	Cu equivalent		Au grade	
	Cu amount	Co amount	Cu cutoff		Au amount	
	25,245	5,445	Reference Page	75 (p. 55)		

RefNo	Resources Reference
75	IMC Group Consulting Ltd., 2008, Technical assessment report of Konkola Copper Mines plc as at 12th August 2005, in N.M. Rothschild & Sons, KCM Valuation: N.M. Rothschild & Sons, prepared for ZCI Holdings SA and Vedanta Resources plc, 15 January, 2008 [revised April 2009], 142 p. plus appendices, accessed July 6, 2009, at <a href="http://www.zci.lu/KCM%20Valuation%20Report.pdf">www.zci.lu/KCM%20Valuation%20Report.pdf</a> .

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Group Name	<input type="text" value="Mimbula"/>	DepID	<input type="text" value="85"/>	MRDS	<input type="text" value="10400591"/>
Deposit Name	<input type="text" value="Mimbula"/>	Property	<input type="text" value="Mimbula/Fitula"/>		
Total Endowment		Latitude	<input type="text" value="-12.6266"/>	Longitude	<input type="text" value="27.8611"/>
DepID	Ore(mt)	Cu(pct)	Co(pct)	Country	<input type="text" value="Zambia"/>
85	46,850,000	1.20		Province	<input type="text" value="Copperbelt"/>
Other Names	<input type="text"/>				
Includes	<input type="text" value="Mimbula Pit 1 and Mimbula Pit 2"/>				
Site Activity	<input type="text" value="unknown"/>	Production	<input type="checkbox"/>		
Deposit Type	<input type="text" value="Sediment-hosted stratabound copper deposit"/>		DepositSubtype	<input type="text" value="Sandstone copper, Roan arenite"/>	

RefNo	Deposit Reference
21	Kirkham, R.V., Carrière, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: Geological Survey of Canada Open File 2915b, 256 p.
75	IMC Group Consulting Ltd., 2008, Technical assessment report of Konkola Copper Mines plc as at 12th August 2005, in N.M. Rothschild & Sons, KCM Valuation: N.M. Rothschild & Sons, prepared for ZCI Holdings SA and Vedanta Resources plc, 15 January, 2008 [revised April 2009], 142 p. plus appendices, accessed July 6, 2009, at <a href="http://www.zci.lu/KCM%20Valuation%20Report.pdf">www.zci.lu/KCM%20Valuation%20Report.pdf</a> .
76	Huderek, Richard, 2008b, <a href="#">Zambian_copperbelt.kml</a> : Google Earth KML file, accessed July 8, 2009 and Oct. 2010, at <a href="http://maps.google.com/maps/ms?hl=en&amp;gl=us&amp;ie=UTF8&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.000451715e9f065a35bbe&amp;output=kml">http://maps.google.com/maps/ms?hl=en&amp;gl=us&amp;ie=UTF8&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.000451715e9f065a35bbe&amp;output=kml</a> .
78	Cox, D.P., Lindsey, D.A., Singer, D.A., and Diggles, M.F., 2003, revised 2007, Sediment-hosted copper deposits of the world—Deposit models and database: U.S. Geological Survey Open-File Report 2003-107 version 1.1, 50 p. (Also available online at <a href="http://pubs.usgs.gov/of/2003/of03-107/">http://pubs.usgs.gov/of/2003/of03-107/</a> .)
82	Selley, David, Broughton, David, Scott, Robert, Hitzman, Murray, Bull, S.W., Large, R.R., McGoldrick, P.J., Croaker, Mawson, Pollington, Nicky, and Barra, Fernando, 2005, A new look at the geology of the Zambian Copperbelt, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Society of Economic Geologists, Littleton, Colo., United States, p. 965–1000.

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ResID	225	DepID	85	Subpart	Mimbula 1 Pit
Resource Category	inferred			Resource Standard	
Year(s)	2005	ASCu grade	0.7	Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount	
25,300,000	1.16		Cu equivalent	Au grade	
	Cu amount	Co amount	Cu cutoff	Au amount	
	293,480				
			Reference Page	75 (p. 57), 76 (no page)	

RefNo	Resources Reference
75	IMC Group Consulting Ltd., 2008, Technical assessment report of Konkola Copper Mines plc as at 12th August 2005, in N.M. Rothschild & Sons, KCM Valuation: N.M. Rothschild & Sons, prepared for ZCI Holdings SA and Vedanta Resources plc, 15 January, 2008 [revised April 2009], 142 p. plus appendices, accessed July 6, 2009, at <a href="http://www.zci.lu/KCM%20Valuation%20Report.pdf">www.zci.lu/KCM%20Valuation%20Report.pdf</a> .
76	Huderek, Richard, 2008b, <i>Zambian_copperbelt.kml</i> : Google Earth KML file, accessed July 8, 2009 and Oct. 2010, at <a href="http://maps.google.com/maps/ms?hl=en&amp;gl=us&amp;ie=UTF8&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.000451715e9f065a35bbe&amp;output=kml">http://maps.google.com/maps/ms?hl=en&amp;gl=us&amp;ie=UTF8&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.000451715e9f065a35bbe&amp;output=kml</a> .

ResID	226	DepID	85	Subpart	Mimbula 2 Pit
Resource Category	inferred			Resource Standard	
Year(s)	2008	ASCu grade	0.73	Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount	
21,550,000	1.24		Cu equivalent	Au grade	
	Cu amount	Co amount	Cu cutoff	Au amount	
	267,220				
			Reference Page	75 (p. 57), 76 (no page)	

RefNo	Resources Reference
75	IMC Group Consulting Ltd., 2008, Technical assessment report of Konkola Copper Mines plc as at 12th August 2005, in N.M. Rothschild & Sons, KCM Valuation: N.M. Rothschild & Sons, prepared for ZCI Holdings SA and Vedanta Resources plc, 15 January, 2008 [revised April 2009], 142 p. plus appendices, accessed July 6, 2009, at <a href="http://www.zci.lu/KCM%20Valuation%20Report.pdf">www.zci.lu/KCM%20Valuation%20Report.pdf</a> .
76	Huderek, Richard, 2008b, <i>Zambian_copperbelt.kml</i> : Google Earth KML file, accessed July 8, 2009 and Oct. 2010, at <a href="http://maps.google.com/maps/ms?hl=en&amp;gl=us&amp;ie=UTF8&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.000451715e9f065a35bbe&amp;output=kml">http://maps.google.com/maps/ms?hl=en&amp;gl=us&amp;ie=UTF8&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.000451715e9f065a35bbe&amp;output=kml</a> .

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Group Name	<input type="text" value="Pitanda"/>	DepID	<input type="text" value="86"/>	MRDS	<input type="text" value="10400374"/>
Deposit Name	<input type="text" value="Pitanda"/>	Property	<input type="text" value="Chambishi Basin"/>		
Total Endowment		Latitude	<input type="text" value="-12.6539"/>	Longitude	<input type="text" value="27.9886"/>
DepID	Ore(mt)	Cu(pct)	Co(pct)	Country	<input type="text" value="Zambia"/>
86	15,000,000	1.70		Province	<input type="text" value="Copperbelt"/>
Other Names	<input type="text"/>				
Includes	<input type="text"/>				
Site Activity	<input type="text" value="unknown"/>	Production	<input type="checkbox"/>		
Deposit Type	<input type="text" value="Sediment-hosted stratabound copper deposit"/>		DepositSubtype	<input type="text" value="Reduced-facies, ore shale"/>	

RefNo	Deposit Reference
21	Kirkham, R.V., Carrière, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: Geological Survey of Canada Open File 2915b, 256 p.
78	Cox, D.P., Lindsey, D.A., Singer, D.A., and Diggles, M.F., 2003, revised 2007, Sediment-hosted copper deposits of the world—Deposit models and database: U.S. Geological Survey Open-File Report 2003-107 version 1.1, 50 p. (Also available online at <a href="http://pubs.usgs.gov/of/2003/of03-107/">http://pubs.usgs.gov/of/2003/of03-107/</a> .)
82	Selley, David, Broughton, David, Scott, Robert, Hitzman, Murray, Bull, S.W., Large, R.R., McGoldrick, P.J., Croaker, Mawson, Pollington, Nicky, and Barra, Fernando, 2005, A new look at the geology of the Zambian Copperbelt, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Society of Economic Geologists, Littleton, Colo., United States, p. 965–1000.
88	Verbeek, Julian, Lomberg, Ken, and Rupprecht, Steven, 2005, Independent technical report on the Central African Mineral properties of TEAL Exploration and Mining Inc.: RSG Global Job No. JARM03, prepared for TEAL Exploration and Mining Inc., Sept. 16, 2005, 181 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)

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ResID	211	DepID	86	Subpart	Pitanda
Resource Category	inferred			Resource Standard	
Year(s)	1988	ASCu grade		Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount	
15,000,000	1.7		Cu equivalent	Au grade	
	Cu amount	Co amount	Cu cutoff	Au amount	
	255,000				
			Reference Page	78, 82, 88 (p. 63)	

RefNo	Resources Reference
78	Cox, D.P., Lindsey, D.A., Singer, D.A., and Diggles, M.F., 2003, revised 2007, Sediment-hosted copper deposits of the world—Deposit models and database: U.S. Geological Survey Open-File Report 2003-107 version 1.1, 50 p. (Also available online at <a href="http://pubs.usgs.gov/of/2003/of03-107/">http://pubs.usgs.gov/of/2003/of03-107/</a> .)
82	Selley, David, Broughton, David, Scott, Robert, Hitzman, Murray, Bull, S.W., Large, R.R., McGoldrick, P.J., Croaker, Mawson, Pollington, Nicky, and Barra, Fernando, 2005, A new look at the geology of the Zambian Copperbelt, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Society of Economic Geologists, Littleton, Colo., United States, p. 965–1000.
88	Verbeek, Julian, Lomborg, Ken, and Rupprecht, Steven, 2005, Independent technical report on the Central African Mineral properties of TEAL Exploration and Mining Inc.: RSG Global Job No. JARM03, prepared for TEAL Exploration and Mining Inc., Sept. 16, 2005, 181 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)



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Group Name  DepID  MRDS

Deposit Name  Property

Total Endowment

DepID	Ore(mt)	Cu(pct)	Co(pct)
87	116,223,700	2.53	

Latitude  Longitude

Country

Province

Other Names

Includes

Site Activity  Production ☒

Deposit Type  DepositSubtype

RefNo	Deposit Reference
3	World Bank Group, 2007, Extractive industries transparency initiative (EITI) scoping study for the Republic of Zambia, September 2007: The World Bank, 49 p., accessed Aug. 12, 2009, at <a href="http://siteresources.worldbank.org/INTTEXTINDTRAINI/Resources/zambia_scoping_report.pdf?resourceurlname=zambia_scoping_report.pdf">http://siteresources.worldbank.org/INTTEXTINDTRAINI/Resources/zambia_scoping_report.pdf?resourceurlname=zambia_scoping_report.pdf</a> .
16	Annels, A.E., 1989, Ore genesis in the Zambian Copperbelt, with particular reference to the northern sector of the Chambishi Basin, in Boyle, R.W., Brown, A.C., Jefferson, C.W., Jowett, E.C., and Kirkham, R.V., eds., Sediment-hosted stratiform copper deposits: Geological Association of Canada Special Paper 36, p. 427–452.
19	Fleischer, V.D., Garlick, W.G., and Haldane, R., 1976, Chapter 6 - Geology of the Zambian Copperbelt, in Wolf, K.H., ed., Handbook of strata-bound and stratiform ore deposits, Regional studies and specific deposits, Volume 6 - Cu, Zn, Pb, and Ag deposits: New York, Elsevier, p. 223–352.
21	Kirkham, R.V., Carrière, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: Geological Survey of Canada Open File 2915b, 256 p.
31	Fleischer, V.D., 1984, Discovery, geology and genesis of copper-cobalt mineralisation at Chambishi Southeast prospect, Zambia: Precambrian Research, v. 25, p. 119–133.
76	Huderek, Richard, 2008b, Zambian_copperbelt.kml: Google Earth KML file, accessed July 8, 2009 and Oct. 2010, at <a href="http://maps.google.com/maps/ms?hl=en&amp;gl=us&amp;ie=UTF8&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.000451715e9f065a35bbe&amp;output=kml">http://maps.google.com/maps/ms?hl=en&amp;gl=us&amp;ie=UTF8&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.000451715e9f065a35bbe&amp;output=kml</a> .

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RefNo	Deposit Reference
77	Kirkham, Rodney, and Broughton, David, 2005, Supplement to the sediment-hosted stratiform copper ore system, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Littleton, Colorado, Society of Economic Geologists, Inc., p. 609–642.
78	Cox, D.P., Lindsey, D.A., Singer, D.A., and Diggles, M.F., 2003, revised 2007, Sediment-hosted copper deposits of the world—Deposit models and database: U.S. Geological Survey Open-File Report 2003-107 version 1.1, 50 p. (Also available online at <a href="http://pubs.usgs.gov/of/2003/of03-107/">http://pubs.usgs.gov/of/2003/of03-107/</a> .)
82	Selley, David, Broughton, David, Scott, Robert, Hitzman, Murray, Bull, S.W., Large, R.R., McGoldrick, P.J., Croaker, Mawson, Pollington, Nicky, and Barra, Fernando, 2005, A new look at the geology of the Zambian Copperbelt, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Society of Economic Geologists, Littleton, Colo., United States, p. 965–1000.
109	Reeve, W.H., 1963, The geology and mineral resources of Northern Rhodesia: Northern Rhodesia Geological Survey Bulletin 3, v. 1, 211 p. (text) and v. 2 (maps).
112	Guoping, Liu, 2006, CNMC Mining in Africa—Opportunities and challenges: International Copper Study Group Web Page, accessed October, 2010, at <a href="http://www.icsg.org/index.php?option=com_docman&amp;task=doc_download&amp;gid=82&amp;Itemid=62">http://www.icsg.org/index.php?option=com_docman&amp;task=doc_download&amp;gid=82&amp;Itemid=62</a> .
113	Moono, Wilson, Makashini, Liliias, and Sunyinza, Lazarus, 2006, Environmental Impact Statement for NFC Africa Mining plc, Chambishi Copper Mine, Kitwe, Appendix K, Geology Baseline Report: NFC Africa Mining plc, 11 p., accessed January 14, 2010, at <a href="http://www.necz.org.zm/news/comments/wis-rports/NFC-Mining.htm">http://www.necz.org.zm/news/comments/wis-rports/NFC-Mining.htm</a> .
114	Ivanhoe Capital Corp., 1997, Ivanhoe Capital Corp. wins bid to acquire Zambia's Chambishi Copper Mine: Ivanhoe Capital Corp. Press Release, November 10, 1997, accessed March 3, 2010, at <a href="http://www.prnewswire.co.uk/cgi/news/release?id=35921">http://www.prnewswire.co.uk/cgi/news/release?id=35921</a> .
115	Freeman, P.V., comp., 1988, Description of mineral deposits on the Copperbelt (and Kabwe, Nampundwe): Lukasa, Zambia, [Consolidated Copper Mines Ltd. (ZCCM) unpublished company report], 88 p.

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ResID	50	DepID	87	Subpart	Chambishi Main
Resource Category	reserve			Resource Standard	
Year(s)	2005			ASCu grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag grade	
37,082,300	2.6		Cu equivalent	Ag amount	
	Cu amount	Co amount	Cu cutoff	Au grade	
	964,140			Au amount	
				Reference Page	113 (p. x)

RefNo	Resources Reference
113	Moono, Wilson, Makashini, Liliash, and Sunyinda, Lazarus, 2006, Environmental Impact Statement for NFC Africa Mining plc, Chambishi Copper Mine, Kitwe, Appendix K, Geology Baseline Report: NFC Africa Mining plc, 11 p., accessed January 14, 2010, at <a href="http://www.necz.org.zm/news/comments/wis-rports/NFC-Mining.htm">http://www.necz.org.zm/news/comments/wis-rports/NFC-Mining.htm</a> .

ResID	51	DepID	87	Subpart	Western Ore Body
Resource Category	reserve			Resource Standard	
Year(s)	2005			ASCu grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag grade	
45,776,000	2.21		Cu equivalent	Ag amount	
	Cu amount	Co amount	Cu cutoff	Au grade	
	1,011,650			Au amount	
				Reference Page	113 (p. x)

RefNo	Resources Reference
113	Moono, Wilson, Makashini, Liliash, and Sunyinda, Lazarus, 2006, Environmental Impact Statement for NFC Africa Mining plc, Chambishi Copper Mine, Kitwe, Appendix K, Geology Baseline Report: NFC Africa Mining plc, 11 p., accessed January 14, 2010, at <a href="http://www.necz.org.zm/news/comments/wis-rports/NFC-Mining.htm">http://www.necz.org.zm/news/comments/wis-rports/NFC-Mining.htm</a> .

ResID	52	DepID	87	Subpart	Footwall
Resource Category	reserve			Resource Standard	
Year(s)	2005			ASCu grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag grade	
365,400	3.79		Cu equivalent	Ag amount	
				Au grade	

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Cu amount 13,849 Co amount Cu cutoff Au amount  
Reference Page 113 (p. x)

RefNo Resources Reference

113 Moono, Wilson, Makashini, Liliash, and Sunyinda, Lazarus, 2006, Environmental Impact Statement for NFC Africa Mining plc, Chambishi Copper Mine, Kitwe, Appendix K, Geology Baseline Report: NFC Africa Mining plc, 11 p., accessed January 14, 2010, at <http://www.necz.org.zm/news/comments/wis-rports/NFC-Mining.htm>.

ResID 57 DepID 87 Subpart Chambishi

Resource Category production Resource Standard NA

Year(s) 1988 ASCu grade Ag grade

Ore (mt) Cu grade Co grade ASCu amount Ag amount

33,000,000 2.88 Cu equivalent Au grade

Cu amount Co amount Cu cutoff Au amount

950,400 Reference Page 115 (p. 5, 62)

RefNo Resources Reference

115 Freeman, P.V., comp., 1988, Description of mineral deposits on the Copperbelt (and Kabwe, Nampundwe): Lukasa, Zambia, [Consolidated Copper Mines Ltd. (ZCCM) unpublished company report], 88 p.

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Group Name	<input type="text" value="Fitula"/>	DepID	<input type="text" value="88"/>	MRDS	<input type="text" value="10400557"/>
Deposit Name	<input type="text" value="Fitula"/>	Property	<input type="text" value="Mimbula/Fitula"/>		
Total Endowment		Latitude	<input type="text" value="-12.6599"/>	Longitude	<input type="text" value="27.8717"/>
DepID	Ore(mt)	Cu(pct)	Co(pct)	Country	<input type="text" value="Zambia"/>
88	4,500,000	5.00		Province	<input type="text" value="Copperbelt"/>
Other Names	<input type="text"/>				
Includes	<input type="text"/>				
Site Activity	<input type="text" value="unknown"/>	Production	<input type="checkbox"/>		
Deposit Type	<input type="text" value="Sediment-hosted stratabound copper deposit"/>		DepositSubtype	<input type="text" value="Sandstone copper, Roan arenite"/>	

RefNo	Deposit Reference
21	Kirkham, R.V., Carrière, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: Geological Survey of Canada Open File 2915b, 256 p.
76	Huderek, Richard, 2008b, <i>Zambian_copperbelt.kml</i> : Google Earth KML file, accessed July 8, 2009 and Oct. 2010, at <a href="http://maps.google.com/maps/ms?hl=en&amp;gl=us&amp;ie=UTF8&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.000451715e9f065a35bbe&amp;output=kml">http://maps.google.com/maps/ms?hl=en&amp;gl=us&amp;ie=UTF8&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.000451715e9f065a35bbe&amp;output=kml</a> .
77	Kirkham, Rodney, and Broughton, David, 2005, Supplement to the sediment-hosted stratiform copper ore system, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., <i>Economic Geology—One hundredth anniversary volume 1905-2005</i> : Littleton, Colorado, Society of Economic Geologists, Inc., p. 609–642.
78	Cox, D.P., Lindsey, D.A., Singer, D.A., and Diggles, M.F., 2003, revised 2007, <i>Sediment-hosted copper deposits of the world—Deposit models and database</i> : U.S. Geological Survey Open-File Report 2003-107 version 1.1, 50 p. (Also available online at <a href="http://pubs.usgs.gov/of/2003/of03-107/">http://pubs.usgs.gov/of/2003/of03-107/</a> .)
82	Selley, David, Broughton, David, Scott, Robert, Hitzman, Murray, Bull, S.W., Large, R.R., McGoldrick, P.J., Croaker, Mawson, Pollington, Nicky, and Barra, Fernando, 2005, A new look at the geology of the Zambian Copperbelt, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., <i>Economic Geology—One hundredth anniversary volume 1905-2005</i> : Society of Economic Geologists, Littleton, Colo., United States, p. 965–1000.

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ResID	38	DeplD	88	Subpart	
Resource Category	total endowment			Resource Standard	
Year(s)	1986	ASCu grade		Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount	
4,500,000	5		Cu equivalent	Au grade	
	Cu amount	Co amount	Cu cutoff	Au amount	
	225,000		Reference Page	21 (spreadsheet)	

RefNo	Resources Reference
21	Kirkham, R.V., Carrière, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: Geological Survey of Canada Open File 2915b, 256 p.

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Group Name	Pitanda South	DepID	89	MRDS	10400374
Deposit Name	Pitanda South	Property	Chambishi Basin		
Total Endowment		Latitude	-12.6738	Longitude	27.9612
DepID	Ore(mt)	Cu(pct)	Co(pct)		
89	7,060,000	1.58			
Other Names	Mwambashi A				
Includes					
Site Activity	prospect	Production	<input type="checkbox"/>		
Deposit Type	Sediment-hosted stratabound copper deposit		DepositSubtype	Sandstone copper, Roan arenite	

RefNo	Deposit Reference
16	Annels, A.E., 1989, Ore genesis in the Zambian Copperbelt, with particular reference to the northern sector of the Chambishi Basin, in Boyle, R.W., Brown, A.C., Jefferson, C.W., Jowett, E.C., and Kirkham, R.V., eds., Sediment-hosted stratiform copper deposits: Geological Association of Canada Special Paper 36, p. 427-452.
21	Kirkham, R.V., Carrière, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: Geological Survey of Canada Open File 2915b, 256 p.
78	Cox, D.P., Lindsey, D.A., Singer, D.A., and Diggles, M.F., 2003, revised 2007, Sediment-hosted copper deposits of the world—Deposit models and database: U.S. Geological Survey Open-File Report 2003-107 version 1.1, 50 p. (Also available online at <a href="http://pubs.usgs.gov/of/2003/of03-107/">http://pubs.usgs.gov/of/2003/of03-107/</a> .)
82	Selley, David, Broughton, David, Scott, Robert, Hitzman, Murray, Bull, S.W., Large, R.R., McGoldrick, P.J., Croaker, Mawson, Pollington, Nicky, and Barra, Fernando, 2005, A new look at the geology of the Zambian Copperbelt, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Society of Economic Geologists, Littleton, Colo., United States, p. 965-1000.
88	Verbeek, Julian, Lomberg, Ken, and Rupprecht, Steven, 2005, Independent technical report on the Central African Mineral properties of TEAL Exploration and Mining Inc.: RSG Global Job No. JARM03, prepared for TEAL Exploration and Mining Inc., Sept. 16, 2005, 181 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)
115	Freeman, P.V., comp., 1988, Description of mineral deposits on the Copperbelt (and Kabwe, Nampundwe): Lukasa, Zambia, [Consolidated Copper Mines Ltd. (ZCCM) unpublished company report], 88 p.

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ResID	42	DeplD	89	Subpart	Pitanda South=Mwambashi A	
Resource Category	total endowment			Resource Standard		
Year(s)	2005		ASCu grade		Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount		Ag amount	
7,060,000	1.58		Cu equivalent		Au grade	
	Cu amount	Co amount	Cu cutoff		Au amount	
	111,548		Reference Page	88 (p. 63)		

RefNo	Resources Reference
88	Verbeek, Julian, Lomborg, Ken, and Rupprecht, Steven, 2005, Independent technical report on the Central African Mineral properties of TEAL Exploration and Mining Inc.: RSG Global Job No. JARM03, prepared for TEAL Exploration and Mining Inc., Sept. 16, 2005, 181 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)



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Group Name	<input type="text" value="Kasaria-Luansobe"/>	DepID	<input type="text" value="90"/>	MRDS	<input type="text" value="10400372"/>
Deposit Name	<input type="text" value="Kasaria-Luansobe"/>	Property	<input type="text" value="Mufulira"/>		
Total Endowment		Latitude	<input type="text" value="-12.4497"/>	Longitude	<input type="text" value="28.1386"/>
DepID	Ore(mt)	Cu(pct)	Co(pct)	Country	<input type="text" value="Zambia"/>
90	21,500,000	2.31		Province	<input type="text" value="Copperbelt"/>
Other Names	<input type="text"/>				
Includes	<input type="text"/>				
Site Activity	<input type="text" value="unknown"/>	Production	<input type="checkbox"/>		
Deposit Type	<input type="text" value="Sediment-hosted stratabound copper deposit"/>		DepositSubtype	<input type="text" value="Sandstone copper, Roan arenite"/>	

RefNo	Deposit Reference
4	Annels, A.E., 1984, The geotectonic environment of Zambian copper-cobalt mineralization: Journal of the Geological Society of London, v. 141, no. 2, p. 279–289.
21	Kirkham, R.V., Carrière, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: Geological Survey of Canada Open File 2915b, 256 p.
78	Cox, D.P., Lindsey, D.A., Singer, D.A., and Diggles, M.F., 2003, revised 2007, Sediment-hosted copper deposits of the world—Deposit models and database: U.S. Geological Survey Open-File Report 2003-107 version 1.1, 50 p. (Also available online at <a href="http://pubs.usgs.gov/of/2003/of03-107/">http://pubs.usgs.gov/of/2003/of03-107/</a> .)
82	Selley, David, Broughton, David, Scott, Robert, Hitzman, Murray, Bull, S.W., Large, R.R., McGoldrick, P.J., Croaker, Mawson, Pollington, Nicky, and Barra, Fernando, 2005, A new look at the geology of the Zambian Copperbelt, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Society of Economic Geologists, Littleton, Colo., United States, p. 965–1000.
96	CSMA Consultants Ltd., ACA How International Ltd., and SGS Ghana Ltd., 2001, Competent Person's Report, The assets of First Quantum Minerals Ltd. in Zambia and Zimbabwe, May 2001: CSMA Consultants Ltd., ACA How International Ltd., and SGS Ghana Ltd. Technical Report, prepared for First Quantum Minerals Ltd., May, 2001, 203 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)
115	Freeman, P.V., comp., 1988, Description of mineral deposits on the Copperbelt (and Kabwe, Nampundwe): Lukasa, Zambia, [Consolidated Copper Mines Ltd. (ZCCM) unpublished company report], 88 p.

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RefNo	Deposit Reference
118	Marjonen, R., 2000, Geological map of the Kitwe-Mufulira area, quarter degree sheets 1228 SW and part of 1228 NW, to accompany report no. 60 by R. Marjonen: Zambia Geological Survey, scale 1:100,000.

ResID	207	DepID	90	Subpart	
Resource Category	other		Resource Standard		
Year(s)	1988		ASCu grade		Ag grade
Ore (mt)	Cu grade	Co grade	ASCu amount		Ag amount
21,500,000	2.31		Cu equivalent		Au grade
	Cu amount	Co amount	Cu cutoff		Au amount
			Reference Page	115 (fig., p. 5)	

RefNo	Resources Reference
115	Freeman, P.V., comp., 1988, Description of mineral deposits on the Copperbelt (and Kabwe, Nampundwe): Lukasa, Zambia, [Consolidated Copper Mines Ltd. (ZCCM) unpublished company report], 88 p.

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Group Name  DepID  MRDS

Deposit Name  Property

Total Endowment

DepID	Ore(mt)	Cu(pct)	Co(pct)
91	14,210,000	1.78	

Latitude  Longitude

Country

Province

Other Names

Includes

Site Activity  Production ☐

Deposit Type  DepositSubtype

RefNo	Deposit Reference
16	Annels, A.E., 1989, Ore genesis in the Zambian Copperbelt, with particular reference to the northern sector of the Chambishi Basin, in Boyle, R.W., Brown, A.C., Jefferson, C.W., Jowett, E.C., and Kirkham, R.V., eds., Sediment-hosted stratiform copper deposits: Geological Association of Canada Special Paper 36, p. 427–452.
21	Kirkham, R.V., Carrière, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: Geological Survey of Canada Open File 2915b, 256 p.
78	Cox, D.P., Lindsey, D.A., Singer, D.A., and Diggles, M.F., 2003, revised 2007, Sediment-hosted copper deposits of the world—Deposit models and database: U.S. Geological Survey Open-File Report 2003-107 version 1.1, 50 p. (Also available online at <a href="http://pubs.usgs.gov/of/2003/of03-107/">http://pubs.usgs.gov/of/2003/of03-107/</a> .)
82	Selley, David, Broughton, David, Scott, Robert, Hitzman, Murray, Bull, S.W., Large, R.R., McGoldrick, P.J., Croaker, Mawson, Pollington, Nicky, and Barra, Fernando, 2005, A new look at the geology of the Zambian Copperbelt, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Society of Economic Geologists, Littleton, Colo., United States, p. 965–1000.
85	African Rainbow Minerals Ltd., 2008, Annual Report 2008: African Rainbow Minerals Ltd. Annual Report, 228 p., accessed Oct. 4, 2010, at <a href="http://www.arm.co.za/im/files/annual/2008/files/ARM_AR2008.pdf">http://www.arm.co.za/im/files/annual/2008/files/ARM_AR2008.pdf</a> .
88	Verbeek, Julian, Lomberg, Ken, and Rupprecht, Steven, 2005, Independent technical report on the Central African Mineral properties of TEAL Exploration and Mining Inc.: RSG Global Job No. JARM03, prepared for TEAL Exploration and Mining Inc., Sept. 16, 2005, 181 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)

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RefNo	Deposit Reference
99	African Rainbow Minerals Ltd., 2009, Annual Report 2009: African Rainbow Minerals Ltd. Annual Report, 222 p., accessed Oct. 4, 2010, at <a href="http://www.arm.co.za/im/files/annual/2009/pdf/full.pdf">http://www.arm.co.za/im/files/annual/2009/pdf/full.pdf</a> .

ResID	257	DepID	91	Subpart	Mwambashi	
Resource Category	measured+indicated		Resource Standard			
Year(s)	2008		ASCu grade	0.69	Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount		Ag amount	
12,440,000	1.74		Cu equivalent		Au grade	
	Cu amount	Co amount	Cu cutoff	0.5	Au amount	
	216,456		Reference Page	85 (p. 103 or 107/232)		

RefNo	Resources Reference
85	African Rainbow Minerals Ltd., 2008, Annual Report 2008: African Rainbow Minerals Ltd. Annual Report, 228 p., accessed Oct. 4, 2010, at <a href="http://www.arm.co.za/im/files/annual/2008/files/ARM_AR2008.pdf">http://www.arm.co.za/im/files/annual/2008/files/ARM_AR2008.pdf</a> .

ResID	258	DepID	91	Subpart	Mwambashi, all	
Resource Category	inferred		Resource Standard			
Year(s)	2008		ASCu grade	0.26	Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount		Ag amount	
1,770,000	2.1		Cu equivalent		Au grade	
	Cu amount	Co amount	Cu cutoff	0.5	Au amount	
	37,170		Reference Page	85 (p. 103), 99 (p. 29)		

RefNo	Resources Reference
85	African Rainbow Minerals Ltd., 2008, Annual Report 2008: African Rainbow Minerals Ltd. Annual Report, 228 p., accessed Oct. 4, 2010, at <a href="http://www.arm.co.za/im/files/annual/2008/files/ARM_AR2008.pdf">http://www.arm.co.za/im/files/annual/2008/files/ARM_AR2008.pdf</a> .
99	African Rainbow Minerals Ltd., 2009, Annual Report 2009: African Rainbow Minerals Ltd. Annual Report, 222 p., accessed Oct. 4, 2010, at <a href="http://www.arm.co.za/im/files/annual/2009/pdf/full.pdf">http://www.arm.co.za/im/files/annual/2009/pdf/full.pdf</a> .

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Group Name	<input type="text" value="Mindola-Nkana N-S"/>	DepID	<input type="text" value="92"/>	MRDS	<input type="text" value="10184301"/>
Deposit Name	<input type="text" value="Mindola-Nkana N-S"/>	Property	<input type="text" value="Nkana/Mindola"/>		
Total Endowment		Latitude	<input type="text" value="-12.8233"/>	Longitude	<input type="text" value="28.1908"/>
DepID	Ore(mt)	Cu(pct)	Co(pct)		
92	701,787,416	2.17	0.061		
Other Names		<input type="text" value="Nkana-Mindola, formerly Rokana"/>			
Includes		<input type="text" value="Mindola North, Mindola, Central, and South orebodies"/>			
Site Activity	<input type="text" value="unknown"/>	Production	<input checked="" type="checkbox"/>		
Deposit Type	<input type="text" value="Sediment-hosted stratabound copper deposit"/>		DepositSubtype	<input type="text" value="Reduced-facies, ore shale"/>	

RefNo	Deposit Reference
19	Fleischer, V.D., Garlick, W.G., and Haldane, R., 1976, Chapter 6 - Geology of the Zambian Copperbelt, in Wolf, K.H., ed., Handbook of strata-bound and stratiform ore deposits, Regional studies and specific deposits, Volume 6 - Cu, Zn, Pb, and Ag deposits: New York, Elsevier, p. 223–352.
21	Kirkham, R.V., Carrière, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: Geological Survey of Canada Open File 2915b, 256 p.
77	Kirkham, Rodney, and Broughton, David, 2005, Supplement to the sediment-hosted stratiform copper ore system, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Littleton, Colorado, Society of Economic Geologists, Inc., p. 609–642.
78	Cox, D.P., Lindsey, D.A., Singer, D.A., and Diggles, M.F., 2003, revised 2007, Sediment-hosted copper deposits of the world—Deposit models and database: U.S. Geological Survey Open-File Report 2003-107 version 1.1, 50 p. (Also available online at <a href="http://pubs.usgs.gov/of/2003/of03-107/">http://pubs.usgs.gov/of/2003/of03-107/</a> .)
82	Selley, David, Broughton, David, Scott, Robert, Hitzman, Murray, Bull, S.W., Large, R.R., McGoldrick, P.J., Croaker, Mawson, Pollington, Nicky, and Barra, Fernando, 2005, A new look at the geology of the Zambian Copperbelt, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Society of Economic Geologists, Littleton, Colo., United States, p. 965–1000.
96	CSMA Consultants Ltd., ACA How International Ltd., and SGS Ghana Ltd., 2001, Competent Person's Report, The assets of First Quantum Minerals Ltd. in Zambia and Zimbabwe, May 2001: CSMA Consultants Ltd., ACA How International Ltd., and SGS Ghana Ltd. Technical Report, prepared for First Quantum Minerals Ltd., May, 2001, 203 p. (Also available at <a href="http://www.sedar.com/">http://www.sedar.com/</a> .)

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RefNo	Deposit Reference
98	First Quantum Minerals Ltd., 2001, 2001 Annual Report: First Quantum Minerals Ltd. Annual Report, 50 p.
106	First Quantum Minerals Ltd., 2006a, 2006 Annual Report 2006: First Quantum Minerals Ltd. Annual Report, 72 p., accessed May 26, 2010, at <a href="http://www.first-quantum.com/i/pdf/2006AR.pdf">http://www.first-quantum.com/i/pdf/2006AR.pdf</a> .
109	Reeve, W.H., 1963, The geology and mineral resources of Northern Rhodesia: Northern Rhodesia Geological Survey Bulletin 3, v. 1, 211 p. (text) and v. 2 (maps).
115	Freeman, P.V., comp., 1988, Description of mineral deposits on the Copperbelt (and Kabwe, Nampundwe): Lukasa, Zambia, [Consolidated Copper Mines Ltd. (ZCCM) unpublished company report], 88 p.

ResID	55	DepID	92	Subpart	Nkana West Limb (north)			
Resource Category	resource			Resource Standard	None			
Year(s)	1988			ASCu grade		Ag grade		
Ore (mt)	Cu grade	Co grade	ASCu amount		Ag amount			
61,000,000	1.98		Cu equivalent		Au grade			
	Cu amount	Co amount	Cu cutoff		Au amount			
	1,207,800		Reference Page	115 (p. 5, 62)				

  

RefNo	Resources Reference
115	Freeman, P.V., comp., 1988, Description of mineral deposits on the Copperbelt (and Kabwe, Nampundwe): Lukasa, Zambia, [Consolidated Copper Mines Ltd. (ZCCM) unpublished company report], 88 p.

  

ResID	56	DepID	92	Subpart	Nkana West Limb (south)			
Resource Category	resource			Resource Standard	None			
Year(s)	1988			ASCu grade		Ag grade		
Ore (mt)	Cu grade	Co grade	ASCu amount		Ag amount			
46,000,000	2.37		Cu equivalent		Au grade			

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Cu amount 1,090,200 Co amount Cu cutoff Au amount  
Reference Page 115 (p. 5, 62)

## RefNo Resources Reference

115 Freeman, P.V., comp., 1988, Description of mineral deposits on the Copperbelt (and Kabwe, Nampundwe): Lukasa, Zambia, [Consolidated Copper Mines Ltd. (ZCCM) unpublished company report], 88 p.

ResID 215 DepID 92 Subpart Nkana, all  
Resource Category production Resource Standard NA  
Year(s) 1931-2000 ASCu grade Ag grade  
Ore (mt) Cu grade Co grade ASCu amount Ag amount  
256,614,905 2.19  
Cu amount Co amount Cu cutoff Au amount  
5,596,636  
Reference Page 96 (p. 1, 11, table A3.1)

## RefNo Resources Reference

96 CSMA Consultants Ltd., ACA How International Ltd., and SGS Ghana Ltd., 2001, Competent Person's Report, The assets of First Quantum Minerals Ltd. in Zambia and Zimbabwe, May 2001: CSMA Consultants Ltd., ACA How International Ltd., and SGS Ghana Ltd. Technical Report, prepared for First Quantum Minerals Ltd., May, 2001, 203 p. (Also available at <http://www.sedar.com>.)

ResID 233 DepID 92 Subpart  
Resource Category production Resource Standard NA  
Year(s) 2001 ASCu grade Ag grade  
Ore (mt) Cu grade Co grade ASCu amount Ag amount  
3,132,511 1.73 0.14  
Cu amount Co amount Cu cutoff Au amount  
54,317 4,256  
Reference Page 98

## RefNo Resources Reference

98 First Quantum Minerals Ltd., 2001, 2001 Annual Report: First Quantum Minerals Ltd. Annual Report, 50 p.

ResID 262 DepID 92 Subpart  
Resource Category inferred Resource Standard

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Year(s)	2001		ASCu grade		Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount		Ag amount	
140,000,000	2.13	0.09	Cu equivalent		Au grade	
	Cu amount	Co amount	Cu cutoff		Au amount	
	2,982,000	126,000				
			Reference Page	98 (p. 19)		

RefNo	Resources Reference
98	First Quantum Minerals Ltd., 2001, 2001 Annual Report: First Quantum Minerals Ltd. Annual Report, 50 p.

ResID	266	DepID	92	Subpart		
Resource Category	indicated		Resource Standard			
Year(s)	2001		ASCu grade		Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount		Ag amount	
125,800,000	2.15	0.16	Cu equivalent		Au grade	
	Cu amount	Co amount	Cu cutoff		Au amount	
	2,700,000	201,280				
			Reference Page	98 (p. 19)		

RefNo	Resources Reference
98	First Quantum Minerals Ltd., 2001, 2001 Annual Report: First Quantum Minerals Ltd. Annual Report, 50 p.

ResID	267	DepID	92	Subpart		
Resource Category	probable		Resource Standard			
Year(s)	2001		ASCu grade		Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount		Ag amount	
69,240,000	2.24	0.14	Cu equivalent		Au grade	



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Cu amount

Co amount

Cu cutoff

Au amount

1,552,087

96,936

Reference Page

98 (p. 19)

RefNo

Resources Reference

98 First Quantum Minerals Ltd., 2001, 2001 Annual Report: First Quantum Minerals Ltd. Annual Report, 50 p.

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Group Name  DepID  MRDS

Deposit Name  Property

Total Endowment

DepID	Ore(mt)	Cu(pct)	Co(pct)
93	7,100,000	1.53	

Latitude  Longitude

Country

Province

Other Names

Includes

Site Activity  Production ☐

Deposit Type  DepositSubtype

RefNo	Deposit Reference
4	Annels, A.E., 1984, The geotectonic environment of Zambian copper-cobalt mineralization: Journal of the Geological Society of London, v. 141, no. 2, p. 279–289.
21	Kirkham, R.V., Carrière, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: Geological Survey of Canada Open File 2915b, 256 p.
78	Cox, D.P., Lindsey, D.A., Singer, D.A., and Diggles, M.F., 2003, revised 2007, Sediment-hosted copper deposits of the world—Deposit models and database: U.S. Geological Survey Open-File Report 2003-107 version 1.1, 50 p. (Also available online at <a href="http://pubs.usgs.gov/of/2003/of03-107/">http://pubs.usgs.gov/of/2003/of03-107/</a> .)
82	Selley, David, Broughton, David, Scott, Robert, Hitzman, Murray, Bull, S.W., Large, R.R., McGoldrick, P.J., Croaker, Mawson, Pollington, Nicky, and Barra, Fernando, 2005, A new look at the geology of the Zambian Copperbelt, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Society of Economic Geologists, Littleton, Colo., United States, p. 965–1000.

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ResID	212	DepID	93	Subpart	Mwerkera
Resource Category	resource			Resource Standard	None
Year(s)	2003	ASCu grade		Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount	
7,100,000	1.53		Cu equivalent	Au grade	
	Cu amount	Co amount	Cu cutoff	Au amount	
	108,630		Reference Page	78, 82	

RefNo	Resources Reference
78	Cox, D.P., Lindsey, D.A., Singer, D.A., and Diggles, M.F., 2003, revised 2007, Sediment-hosted copper deposits of the world—Deposit models and database: U.S. Geological Survey Open-File Report 2003-107 version 1.1, 50 p. (Also available online at <a href="http://pubs.usgs.gov/of/2003/of03-107/">http://pubs.usgs.gov/of/2003/of03-107/</a> .)
82	Selley, David, Broughton, David, Scott, Robert, Hitzman, Murray, Bull, S.W., Large, R.R., McGoldrick, P.J., Croaker, Mawson, Pollington, Nicky, and Barra, Fernando, 2005, A new look at the geology of the Zambian Copperbelt, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Society of Economic Geologists, Littleton, Colo., United States, p. 965–1000.

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Group Name	<input type="text" value="Chibuluma-Chibuluma West"/>	DepID	<input type="text" value="94"/>	MRDS	<input type="text" value="10232039"/>
Deposit Name	<input type="text" value="Chibuluma-Chibuluma West"/>	Property	<input type="text" value="Chibuluma, all"/>		
Total Endowment		Latitude	<input type="text" value="-12.8232"/>	Longitude	<input type="text" value="28.0933"/>
DepID	Ore(mt)	Cu(pct)	Co(pct)		
94	19,922,000	3.69	0.186		
		Country	<input type="text" value="Zambia"/>		
		Province	<input type="text" value="Copperbelt"/>		
Other Names	<input type="text" value="Kalushi East"/>				
Includes	<input type="text"/>				
Site Activity	<input type="text" value="mined out"/>	Production	<input checked="" type="checkbox"/>		
Deposit Type	<input type="text" value="Sediment-hosted stratabound copper deposit"/>		DepositSubtype	<input type="text" value="Sandstone copper, Roan arenite"/>	

RefNo	Deposit Reference
19	Fleischer, V.D., Garlick, W.G., and Haldane, R., 1976, Chapter 6 - Geology of the Zambian Copperbelt, in Wolf, K.H., ed., Handbook of strata-bound and stratiform ore deposits, Regional studies and specific deposits, Volume 6 - Cu, Zn, Pb, and Ag deposits: New York, Elsevier, p. 223–352.
21	Kirkham, R.V., Carrière, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: Geological Survey of Canada Open File 2915b, 256 p.
76	Huderek, Richard, 2008b, Zambian_copperbelt.kml: Google Earth KML file, accessed July 8, 2009 and Oct. 2010, at <a href="http://maps.google.com/maps/ms?hl=en&amp;gl=us&amp;ie=UTF8&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.000451715e9f065a35bbe&amp;output=kml">http://maps.google.com/maps/ms?hl=en&amp;gl=us&amp;ie=UTF8&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.000451715e9f065a35bbe&amp;output=kml</a> .
77	Kirkham, Rodney, and Broughton, David, 2005, Supplement to the sediment-hosted stratiform copper ore system, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Littleton, Colorado, Society of Economic Geologists, Inc., p. 609–642.
78	Cox, D.P., Lindsey, D.A., Singer, D.A., and Diggles, M.F., 2003, revised 2007, Sediment-hosted copper deposits of the world—Deposit models and database: U.S. Geological Survey Open-File Report 2003-107 version 1.1, 50 p. (Also available online at <a href="http://pubs.usgs.gov/of/2003/of03-107/">http://pubs.usgs.gov/of/2003/of03-107/</a> .)
82	Selley, David, Broughton, David, Scott, Robert, Hitzman, Murray, Bull, S.W., Large, R.R., McGoldrick, P.J., Croaker, Mawson, Pollington, Nicky, and Barra, Fernando, 2005, A new look at the geology of the Zambian Copperbelt, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Society of Economic Geologists, Littleton, Colo., United States, p. 965–1000.

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RefNo	Deposit Reference
84	Metorex Ltd., 2010a, Chibuluma Mines plc—Copper: Metorex Ltd. Web Page, accessed October, 2010, at <a href="http://www.metorexgroup.com/ops_chibuluma_Mines.htm">http://www.metorexgroup.com/ops_chibuluma_Mines.htm</a> .
101	Metorex Ltd., 2005, Annual Report 2005: Metorex Ltd. Annual Report, 64 p., accessed October, 2010, at <a href="http://www.metorexgroup.com/downloads/annual_reports/metorex_ann_report2005.pdf">http://www.metorexgroup.com/downloads/annual_reports/metorex_ann_report2005.pdf</a> .
109	Reeve, W.H., 1963, The geology and mineral resources of Northern Rhodesia: Northern Rhodesia Geological Survey Bulletin 3, v. 1, 211 p. (text) and v. 2 (maps).
115	Freeman, P.V., comp., 1988, Description of mineral deposits on the Copperbelt (and Kabwe, Nampundwe): Lukasa, Zambia, [Consolidated Copper Mines Ltd. (ZCCM) unpublished company report], 88 p.

ResID	232	DepID	94	Subpart	Chimbula E & W		
Resource Category	production			Resource Standard	NA		
Year(s)	to ~2003			ASCu grade		Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount			
19,000,000	3.61	0.19	Cu equivalent	Au grade			
	Cu amount	Co amount	Cu cutoff	Au amount			
	685,900	36,100	Reference Page	82, 77			

  

RefNo	Resources Reference
77	Kirkham, Rodney, and Broughton, David, 2005, Supplement to the sediment-hosted stratiform copper ore system, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Littleton, Colorado, Society of Economic Geologists, Inc., p. 609–642.
82	Selley, David, Broughton, David, Scott, Robert, Hitzman, Murray, Bull, S.W., Large, R.R., McGoldrick, P.J., Croaker, Mawson, Pollington, Nicky, and Barra, Fernando, 2005, A new look at the geology of the Zambian Copperbelt, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Society of Economic Geologists, Littleton, Colo., United States, p. 965–1000.

  

ResID	236	DepID	94	Subpart	Ext. of Chib. West below existing mine.	
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Resource Category			reserve			Resource Standard					
Year(s)			2005			ASCu grade					
Ag grade						Ag amount					
Ore (mt)			922,000			Cu grade			5.3		
Co grade			0.11			ASCu amount					
Cu amount			48,866			Co amount			1,014		
Cu equivalent						Au grade					
Cu cutoff						Au amount					
Reference Page			77 (p. 10)								

RefNo	Resources Reference
77	Kirkham, Rodney, and Broughton, David, 2005, Supplement to the sediment-hosted stratiform copper ore system, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Littleton, Colorado, Society of Economic Geologists, Inc., p. 609–642.

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Group Name	Chibuluma South	DepID	95	MRDS	10232039
Deposit Name	Chibuluma South	Property	Chibuluma		
Total Endowment		Latitude	-12.9125	Longitude	28.0809
DepID	Ore(mt)	Cu(pct)	Co(pct)		
95	7,365,766	3.70			
Other Names		Chifupu			
Includes		Chifupu Prospect			
Site Activity	active	Production	<input checked="" type="checkbox"/>		
Deposit Type	Sediment-hosted stratabound copper deposit		DepositSubtype	Sandstone copper, Roan arenite	

RefNo	Deposit Reference
21	Kirkham, R.V., Carrière, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: Geological Survey of Canada Open File 2915b, 256 p.
45	Metorex Ltd., 2008, 2008 Annual Report: Metorex Ltd. Annual Report, 125 p., accessed May 27, 2010, at <a href="http://www.metorex.co.za/downloads/annual_reports/2008/Metorex_23_Dec2008.pdf">http://www.metorex.co.za/downloads/annual_reports/2008/Metorex_23_Dec2008.pdf</a> .
76	Huderek, Richard, 2008b, <i>Zambian_copperbelt.kml</i> : Google Earth KML file, accessed July 8, 2009 and Oct. 2010, at <a href="http://maps.google.com/maps/ms?hl=en&amp;gl=us&amp;ie=UTF8&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.000451715e9f065a35bbe&amp;output=kml">http://maps.google.com/maps/ms?hl=en&amp;gl=us&amp;ie=UTF8&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.000451715e9f065a35bbe&amp;output=kml</a> .
77	Kirkham, Rodney, and Broughton, David, 2005, Supplement to the sediment-hosted stratiform copper ore system, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., <i>Economic Geology—One hundredth anniversary volume 1905-2005</i> : Littleton, Colorado, Society of Economic Geologists, Inc., p. 609–642.
78	Cox, D.P., Lindsey, D.A., Singer, D.A., and Diggles, M.F., 2003, revised 2007, <i>Sediment-hosted copper deposits of the world—Deposit models and database</i> : U.S. Geological Survey Open-File Report 2003-107 version 1.1, 50 p. (Also available online at <a href="http://pubs.usgs.gov/of/2003/of03-107/">http://pubs.usgs.gov/of/2003/of03-107/</a> .)
82	Selley, David, Broughton, David, Scott, Robert, Hitzman, Murray, Bull, S.W., Large, R.R., McGoldrick, P.J., Croaker, Mawson, Pollington, Nicky, and Barra, Fernando, 2005, A new look at the geology of the Zambian Copperbelt, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., <i>Economic Geology—One hundredth anniversary volume 1905-2005</i> : Society of Economic Geologists, Littleton, Colo., United States, p. 965–1000.

RefNo	Deposit Reference
94	Metorex Ltd., 2007, Annual Report 2007: Metorex Ltd. 2007 Annual Report, 96 p., accessed May 4, 2011, at <a href="http://www.metorex.co.za/downloads/annual_reports/metorex_ann_report2007.pdf">www.metorex.co.za/downloads/annual_reports/metorex_ann_report2007.pdf</a> .
115	Freeman, P.V., comp., 1988, Description of mineral deposits on the Copperbelt (and Kabwe, Nampundwe): Lukasa, Zambia, [Consolidated Copper Mines Ltd. (ZCCM) unpublished company report], 88 p.

ResID	251	DepID	95	Subpart	Chibuluma South and Chifupu	
Resource Category	measured		Resource Standard			
Year(s)	2008		ASCu grade		Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount		Ag amount	
1,289,000	3.66		Cu equivalent		Au grade	
	Cu amount	Co amount	Cu cutoff	0.01	Au amount	
	47,177		Reference Page	45 (p. 117)		

RefNo	Resources Reference
45	Metorex Ltd., 2008, 2008 Annual Report: Metorex Ltd. Annual Report, 125 p., accessed May 27, 2010, at <a href="http://www.metorex.co.za/downloads/annual_reports/2008/Metorex_23_Dec2008.pdf">http://www.metorex.co.za/downloads/annual_reports/2008/Metorex_23_Dec2008.pdf</a> .

ResID	252	DepID	95	Subpart	Chibuluma South and Chifupu	
Resource Category	indicated		Resource Standard			
Year(s)	2008		ASCu grade		Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount		Ag amount	
4,654,000	4.01		Cu equivalent		Au grade	
	Cu amount	Co amount	Cu cutoff	0.01	Au amount	
	186,625		Reference Page	45 (p. 117)		

RefNo	Resources Reference
45	Metorex Ltd., 2008, 2008 Annual Report: Metorex Ltd. Annual Report, 125 p., accessed May 27, 2010, at <a href="http://www.metorex.co.za/downloads/annual_reports/2008/Metorex_23_Dec2008.pdf">http://www.metorex.co.za/downloads/annual_reports/2008/Metorex_23_Dec2008.pdf</a> .



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ResID	253	DepID	95	Subpart	Chibuluma South and Chifupu	
Resource Category	production			Resource Standard	NA	
Year(s)	2008			ASCu grade		Ag grade
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount		
555,575	2.9		Cu equivalent	Au grade		
	Cu amount	Co amount	Cu cutoff	Au amount		
			0.01			
				Reference Page	45 (p. 117)	

RefNo Resources Reference  
 45 Metorex Ltd., 2008, 2008 Annual Report: Metorex Ltd. Annual Report, 125 p., accessed May 27, 2010, at [http://www.metorex.co.za/downloads/annual\\_reports/2008/Metorex\\_23\\_Dec2008.pdf](http://www.metorex.co.za/downloads/annual_reports/2008/Metorex_23_Dec2008.pdf).

ResID	254	DepID	95	Subpart	Chibuluma South and Chifupu	
Resource Category	production			Resource Standard	NA	
Year(s)	2007			ASCu grade		Ag grade
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount		
503,880	2.5		Cu equivalent	Au grade		
	Cu amount	Co amount	Cu cutoff	Au amount		
			0.01			
				Reference Page	45 (p. 117)	

RefNo Resources Reference  
 45 Metorex Ltd., 2008, 2008 Annual Report: Metorex Ltd. Annual Report, 125 p., accessed May 27, 2010, at [http://www.metorex.co.za/downloads/annual\\_reports/2008/Metorex\\_23\\_Dec2008.pdf](http://www.metorex.co.za/downloads/annual_reports/2008/Metorex_23_Dec2008.pdf).

ResID	255	DepID	95	Subpart	Chibuluma South and Chifupu	
Resource Category	production			Resource Standard	NA	
Year(s)	2006			ASCu grade		Ag grade
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount		
363,311	2.7		Cu equivalent	Au grade		

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Cu amount

Co amount

Cu cutoff

0.01

Au amount

Reference Page 45 (p. 117)

RefNo

Resources Reference

45 Metorex Ltd., 2008, 2008 Annual Report: Metorex Ltd. Annual Report, 125 p., accessed May 27, 2010, at [http://www.metorex.co.za/downloads/annual\\_reports/2008/Metorex\\_23\\_Dec2008.pdf](http://www.metorex.co.za/downloads/annual_reports/2008/Metorex_23_Dec2008.pdf).

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Group Name  DepID  MRDS

Deposit Name  Property

Total Endowment

DepID	Ore(mt)	Cu(pct)	Co(pct)
96	1,936,000	3.05	

Latitude  Longitude

Country

Province

Other Names

Includes

Site Activity  Production ☐

Deposit Type  DepositSubtype

RefNo	Deposit Reference
21	Kirkham, R.V., Carrière, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: Geological Survey of Canada Open File 2915b, 256 p.
45	Metorex Ltd., 2008, 2008 Annual Report: Metorex Ltd. Annual Report, 125 p., accessed May 27, 2010, at <a href="http://www.metorex.co.za/downloads/annual_reports/2008/Metorex_23_Dec2008.pdf">http://www.metorex.co.za/downloads/annual_reports/2008/Metorex_23_Dec2008.pdf</a> .
78	Cox, D.P., Lindsey, D.A., Singer, D.A., and Diggles, M.F., 2003, revised 2007, Sediment-hosted copper deposits of the world—Deposit models and database: U.S. Geological Survey Open-File Report 2003-107 version 1.1, 50 p. (Also available online at <a href="http://pubs.usgs.gov/of/2003/of03-107/">http://pubs.usgs.gov/of/2003/of03-107/</a> .)
115	Freeman, P.V., comp., 1988, Description of mineral deposits on the Copperbelt (and Kabwe, Nampundwe): Lukasa, Zambia, [Consolidated Copper Mines Ltd. (ZCCM) unpublished company report], 88 p.

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ResID	260	DeplD	96	Subpart	Chifupu prospect, inferred resources		
Resource Category	inferred			Resource Standard			
Year(s)	2006			ASCu grade		Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount		Ag amount		
1,936,000	3.05		Cu equivalent		Au grade		
	Cu amount	Co amount	Cu cutoff		Au amount		
	59,048		Reference Page	45 (p. 117)			

RefNo	Resources Reference
45	Metorex Ltd., 2008, 2008 Annual Report: Metorex Ltd. Annual Report, 125 p., accessed May 27, 2010, at <a href="http://www.metorex.co.za/downloads/annual_reports/2008/Metorex_23_Dec2008.pdf">http://www.metorex.co.za/downloads/annual_reports/2008/Metorex_23_Dec2008.pdf</a> .

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Group Name  DepID  MRDS

Deposit Name  Property

Total Endowment

DepID	Ore(mt)	Cu(pct)	Co(pct)
97	40,000,000	0.76	

Latitude  Longitude

Country

Province

Other Names

Includes

Site Activity  Production ☐

Deposit Type  DepositSubtype

RefNo	Deposit Reference
4	Annels, A.E., 1984, The geotectonic environment of Zambian copper-cobalt mineralization: Journal of the Geological Society of London, v. 141, no. 2, p. 279–289.
21	Kirkham, R.V., Carrière, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: Geological Survey of Canada Open File 2915b, 256 p.
78	Cox, D.P., Lindsey, D.A., Singer, D.A., and Diggles, M.F., 2003, revised 2007, Sediment-hosted copper deposits of the world—Deposit models and database: U.S. Geological Survey Open-File Report 2003-107 version 1.1, 50 p. (Also available online at <a href="http://pubs.usgs.gov/of/2003/of03-107/">http://pubs.usgs.gov/of/2003/of03-107/</a> .)
115	Freeman, P.V., comp., 1988, Description of mineral deposits on the Copperbelt (and Kabwe, Nampundwe): Lukasa, Zambia, [Consolidated Copper Mines Ltd. (ZCCM) unpublished company report], 88 p.

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ResID	53	DeplD	97	Subpart	
Resource Category	resource		Resource Standard		
Year(s)	1988		ASCu grade		Ag grade
Ore (mt)	Cu grade	Co grade	ASCu amount		Ag amount
40,000,000	0.76		Cu equivalent		Au grade
	Cu amount	Co amount	Cu cutoff		Au amount
			Reference Page	21	

RefNo	Resources Reference
21	Kirkham, R.V., Carrière, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: Geological Survey of Canada Open File 2915b, 256 p.

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Group Name	Bwana Mkubwa	DepID	98	MRDS	10280840
Deposit Name	Bwana Mkubwa	Property	Bwana Mkubwa/Lonshi		
Total Endowment		Latitude	-13.0315	Longitude	28.6923
DepID	Ore(mt)	Cu(pct)	Co(pct)		
98	8,600,000	3.34			
		Country	Zambia		
		Province	Copperbelt		
Other Names					
Includes					
Site Activity	mined out	Production	<input checked="" type="checkbox"/>		
Deposit Type	Sediment-hosted stratabound copper deposit		DepositSubtype	Sandstone copper, Roan arenite	

RefNo	Deposit Reference
21	Kirkham, R.V., Carrière, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: Geological Survey of Canada Open File 2915b, 256 p.
47	Stephens, A.J., and Newall, G.C., 2003, The Lonshi copper mine, Katanga Province, Democratic Republic of the Congo: First Quantum Minerals Ltd. Form 43-101F1 Technical Report, March 26, 2003, amending the January 30, 2003 report, 35 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)
76	Huderek, Richard, 2008b, <i>Zambian_copperbelt.kml</i> : Google Earth KML file, accessed July 8, 2009 and Oct. 2010, at <a href="http://maps.google.com/maps/ms?hl=en&amp;gl=us&amp;ie=UTF8&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.000451715e9f065a35bbe&amp;output=kml">http://maps.google.com/maps/ms?hl=en&amp;gl=us&amp;ie=UTF8&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.000451715e9f065a35bbe&amp;output=kml</a> .
77	Kirkham, Rodney, and Broughton, David, 2005, Supplement to the sediment-hosted stratiform copper ore system, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., <i>Economic Geology—One hundredth anniversary volume 1905-2005</i> : Littleton, Colorado, Society of Economic Geologists, Inc., p. 609–642.
78	Cox, D.P., Lindsey, D.A., Singer, D.A., and Diggles, M.F., 2003, revised 2007, Sediment-hosted copper deposits of the world—Deposit models and database: U.S. Geological Survey Open-File Report 2003-107 version 1.1, 50 p. (Also available online at <a href="http://pubs.usgs.gov/of/2003/of03-107/">http://pubs.usgs.gov/of/2003/of03-107/</a> .)
82	Selley, David, Broughton, David, Scott, Robert, Hitzman, Murray, Bull, S.W., Large, R.R., McGoldrick, P.J., Croaker, Mawson, Pollington, Nicky, and Barra, Fernando, 2005, A new look at the geology of the Zambian Copperbelt, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., <i>Economic Geology—One hundredth anniversary volume 1905-2005</i> : Society of Economic Geologists, Littleton, Colo., United States, p. 965–1000.

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RefNo	Deposit Reference
115	Freeman, P.V., comp., 1988, Description of mineral deposits on the Copperbelt (and Kabwe, Nampundwe): Lukasa, Zambia, [Consolidated Copper Mines Ltd. (ZCCM) unpublished company report], 88 p.

ResID	224	DepID	98	Subpart		
Resource Category	production			Resource Standard	None	
Year(s)	1903-1984		ASCu grade		Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount		Ag amount	
8,600,000	3.34		Cu equivalent		Au grade	
	Cu amount	Co amount	Cu cutoff		Au amount	
	287,240		Reference Page	77		

RefNo	Resources Reference
77	Kirkham, Rodney, and Broughton, David, 2005, Supplement to the sediment-hosted stratiform copper ore system, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Littleton, Colorado, Society of Economic Geologists, Inc., p. 609–642.



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Group Name  DepID  MRDS

Deposit Name  Property

Total Endowment

DepID	Ore(mt)	Cu(pct)	Co(pct)
99	91,800,000	2.41	0.140

Latitude  Longitude

Country

Province

Other Names

Includes

Site Activity  Production ☒

Deposit Type  DepositSubtype

RefNo	Deposit Reference
19	Fleischer, V.D., Garlick, W.G., and Haldane, R., 1976, Chapter 6 - Geology of the Zambian Copperbelt, in Wolf, K.H., ed., Handbook of strata-bound and stratiform ore deposits, Regional studies and specific deposits, Volume 6 - Cu, Zn, Pb, and Ag deposits: New York, Elsevier, p. 223–352.
21	Kirkham, R.V., Carrière, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: Geological Survey of Canada Open File 2915b, 256 p.
77	Kirkham, Rodney, and Broughton, David, 2005, Supplement to the sediment-hosted stratiform copper ore system, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Littleton, Colorado, Society of Economic Geologists, Inc., p. 609–642.
79	U.S. Geological Survey, 2012, Mineral Resources Data System (MRDS): U.S. Geological Survey Mineral Resources online database, accessed April 17, 2012, at <a href="http://mrdata.usgs.gov/mrds/">http://mrdata.usgs.gov/mrds/</a> .
80	Lungu, C.V., 1998, Zambian mining in transition: Mining Magazine, Sept. 1998, p. 116–129.
82	Selley, David, Broughton, David, Scott, Robert, Hitzman, Murray, Bull, S.W., Large, R.R., McGoldrick, P.J., Croaker, Mawson, Pollington, Nicky, and Barra, Fernando, 2005, A new look at the geology of the Zambian Copperbelt, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Society of Economic Geologists, Littleton, Colo., United States, p. 965–1000.

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RefNo	Deposit Reference
115	Freeman, P.V., comp., 1988, Description of mineral deposits on the Copperbelt (and Kabwe, Nampundwe): Lukasa, Zambia, [Consolidated Copper Mines Ltd. (ZCCM) unpublished company report], 88 p.
125	Hawkins, Michael, 1999, RAMCOZ Cobalt Project in Zambia: Guildford, UK, Cobalt Development Institute, Cobalt News No. 99/3, p. 12.

ResID	64	DepID	99	Subpart	Baluba
Resource Category	production			Resource Standard	NA
Year(s)	1988			ASCu grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag grade	
27,000,000	2.38	0.18	Cu equivalent	Au grade	
	Cu amount	Co amount	Cu cutoff	Au amount	
			Reference Page	115 (p. 17)	

RefNo	Resources Reference
115	Freeman, P.V., comp., 1988, Description of mineral deposits on the Copperbelt (and Kabwe, Nampundwe): Lukasa, Zambia, [Consolidated Copper Mines Ltd. (ZCCM) unpublished company report], 88 p.

ResID	65	DepID	99	Subpart	Baluba (fully developed reserve)
Resource Category	reserve			Resource Standard	
Year(s)	1988			ASCu grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag grade	
700,000	2.34	0.17	Cu equivalent	Au grade	
	Cu amount	Co amount	Cu cutoff	Au amount	
			Reference Page	115 (p. 29)	

RefNo	Resources Reference
115	Freeman, P.V., comp., 1988, Description of mineral deposits on the Copperbelt (and Kabwe, Nampundwe): Lukasa, Zambia, [Consolidated Copper Mines Ltd. (ZCCM) unpublished company report], 88 p.

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ResID	66	DepID	99	Subpart	Baluba (partly developed reserve)	
Resource Category	reserve			Resource Standard		
Year(s)	1988			ASCu grade		Ag grade
Ore (mt)	Cu grade	Co grade	ASCu amount		Ag amount	
1,700,000	2.29	0.17	Cu equivalent		Au grade	
	Cu amount	Co amount	Cu cutoff		Au amount	
				Reference Page	115 (p. 29)	

RefNo	Resources Reference
115	Freeman, P.V., comp., 1988, Description of mineral deposits on the Copperbelt (and Kabwe, Nampundwe): Lukasa, Zambia, [Consolidated Copper Mines Ltd. (ZCCM) unpublished company report], 88 p.

ResID	67	DepID	99	Subpart	Baluba (undeveloped reserves)	
Resource Category	reserve			Resource Standard		
Year(s)	1988			ASCu grade		Ag grade
Ore (mt)	Cu grade	Co grade	ASCu amount		Ag amount	
41,900,000	2.5	0.16	Cu equivalent		Au grade	
	Cu amount	Co amount	Cu cutoff		Au amount	
				Reference Page	115 (p. 29)	

RefNo	Resources Reference
115	Freeman, P.V., comp., 1988, Description of mineral deposits on the Copperbelt (and Kabwe, Nampundwe): Lukasa, Zambia, [Consolidated Copper Mines Ltd. (ZCCM) unpublished company report], 88 p.

ResID	68	DepID	99	Subpart	Baluba (additional reserves)	
Resource Category	reserve			Resource Standard		
Year(s)	1988			ASCu grade	2.2	Ag grade
Ore (mt)	Cu grade	Co grade	ASCu amount		Ag amount	
7,000,000		0.12	Cu equivalent		Au grade	

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Cu amount  Co amount  Cu cutoff  Au amount   
Reference Page

## RefNo Resources Reference

115 Freeman, P.V., comp., 1988, Description of mineral deposits on the Copperbelt (and Kabwe, Nampundwe): Lukasa, Zambia, [Consolidated Copper Mines Ltd. (ZCCM) unpublished company report], 88 p.

ResID  DepID  Subpart   
Resource Category  Resource Standard   
Year(s)  ASCu grade  Ag grade   
Ore (mt)  Cu grade  Co grade  ASCu amount  Ag amount   
   Cu equivalent  Au grade   
Cu amount  Co amount  Cu cutoff  Au amount   
Reference Page

## RefNo Resources Reference

115 Freeman, P.V., comp., 1988, Description of mineral deposits on the Copperbelt (and Kabwe, Nampundwe): Lukasa, Zambia, [Consolidated Copper Mines Ltd. (ZCCM) unpublished company report], 88 p.

ResID  DepID  Subpart   
Resource Category  Resource Standard   
Year(s)  ASCu grade  Ag grade   
Ore (mt)  Cu grade  Co grade  ASCu amount  Ag amount   
   Cu equivalent  Au grade   
Cu amount  Co amount  Cu cutoff  Au amount   
Reference Page

## RefNo Resources Reference

115 Freeman, P.V., comp., 1988, Description of mineral deposits on the Copperbelt (and Kabwe, Nampundwe): Lukasa, Zambia, [Consolidated Copper Mines Ltd. (ZCCM) unpublished company report], 88 p.

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Group Name  DepID  MRDS

Deposit Name  Property

Total Endowment

DepID	Ore(mt)	Cu(pct)	Co(pct)
100	48,970,000	1.42	0.057

Latitude  Longitude

Country

Province

Other Names

Includes

Site Activity  Production ☐

Deposit Type  DepositSubtype

RefNo	Deposit Reference
21	Kirkham, R.V., Carrière, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: Geological Survey of Canada Open File 2915b, 256 p.
82	Selley, David, Broughton, David, Scott, Robert, Hitzman, Murray, Bull, S.W., Large, R.R., McGoldrick, P.J., Croaker, Mawson, Pollington, Nicky, and Barra, Fernando, 2005, A new look at the geology of the Zambian Copperbelt, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Society of Economic Geologists, Littleton, Colo., United States, p. 965–1000.
125	Hawkins, Michael, 1999, RAMCOZ Cobalt Project in Zambia: Guildford, UK, Cobalt Development Institute, Cobalt News No. 99/3, p. 12.

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ResID	261	DepID	100	Subpart	Muliashi N + Baluba C + Roan Basin		
Resource Category	inferred			Resource Standard			
Year(s)	1999			ASCu grade		Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount		Ag amount		
48,970,000	1.42	0.057	Cu equivalent		Au grade		
	Cu amount	Co amount	Cu cutoff		Au amount		
	695,000	28,000	Reference Page	125			

RefNo	Resources Reference
125	Hawkins, Michael, 1999, RAMCOZ Cobalt Project in Zambia: Guildford, UK, Cobalt Development Institute, Cobalt News No. 99/3, p. 12.

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Group Name	<input type="text" value="Baluba-Muliashi-Luanshya"/>	DepID	<input type="text" value="101"/>	MRDS	<input type="text" value="10280971"/>
Deposit Name	<input type="text" value="Luanshya"/>	Property	<input type="text" value="Luanshya Project"/>		
Total Endowment		Latitude	<input type="text" value="-13.1132"/>	Longitude	<input type="text" value="28.3735"/>
DepID	Ore(mt)	Cu(pct)	Co(pct)	Country	<input type="text" value="Zambia"/>
101	264,000,000	2.80		Province	<input type="text" value="Copperbelt"/>
Other Names	<input type="text" value="Roan Antelope"/>				
Includes	<input type="text" value="Muliashi-Roan extension and Baluba"/>				
Site Activity	<input type="text" value="active"/>	Production	<input checked="" type="checkbox"/>		
Deposit Type	<input type="text" value="Sediment-hosted stratabound copper deposit"/>		DepositSubtype	<input type="text" value="Reduced-facies, ore shale"/>	

RefNo	Deposit Reference
19	Fleischer, V.D., Garlick, W.G., and Haldane, R., 1976, Chapter 6 - Geology of the Zambian Copperbelt, in Wolf, K.H., ed., Handbook of strata-bound and stratiform ore deposits, Regional studies and specific deposits, Volume 6 - Cu, Zn, Pb, and Ag deposits: New York, Elsevier, p. 223–352.
21	Kirkham, R.V., Carrière, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: Geological Survey of Canada Open File 2915b, 256 p.
76	Huderek, Richard, 2008b, <i>Zambian_copperbelt.kml</i> : Google Earth KML file, accessed July 8, 2009 and Oct. 2010, at <a href="http://maps.google.com/maps/ms?hl=en&amp;gl=us&amp;ie=UTF8&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.000451715e9f065a35bbe&amp;output=kml">http://maps.google.com/maps/ms?hl=en&amp;gl=us&amp;ie=UTF8&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.000451715e9f065a35bbe&amp;output=kml</a> .
77	Kirkham, Rodney, and Broughton, David, 2005, Supplement to the sediment-hosted stratiform copper ore system, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., <i>Economic Geology—One hundredth anniversary volume 1905-2005</i> : Littleton, Colorado, Society of Economic Geologists, Inc., p. 609–642.
78	Cox, D.P., Lindsey, D.A., Singer, D.A., and Diggles, M.F., 2003, revised 2007, <i>Sediment-hosted copper deposits of the world—Deposit models and database</i> : U.S. Geological Survey Open-File Report 2003-107 version 1.1, 50 p. (Also available online at <a href="http://pubs.usgs.gov/of/2003/of03-107/">http://pubs.usgs.gov/of/2003/of03-107/</a> .)
80	Lungu, C.V., 1998, Zambian mining in transition: <i>Mining Magazine</i> , Sept. 1998, p. 116–129.

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RefNo	Deposit Reference
82	Selley, David, Broughton, David, Scott, Robert, Hitzman, Murray, Bull, S.W., Large, R.R., McGoldrick, P.J., Croaker, Mawson, Pollington, Nicky, and Barra, Fernando, 2005, A new look at the geology of the Zambian Copperbelt, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Society of Economic Geologists, Littleton, Colo., United States, p. 965–1000.
115	Freeman, P.V., comp., 1988, Description of mineral deposits on the Copperbelt (and Kabwe, Nampundwe): Lukasa, Zambia, [Consolidated Copper Mines Ltd. (ZCCM) unpublished company report], 88 p.
125	Hawkins, Michael, 1999, RAMCOZ Cobalt Project in Zambia: Guildford, UK, Cobalt Development Institute, Cobalt News No. 99/3, p. 12.

ResID	269	DeplD	101	Subpart	Luanshya
Resource Category	production	Resource Standard	NA		
Year(s)	to 1985	ASCu grade		Ag grade	2.7
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount	
213,600,000	2.91		Cu equivalent	Au grade	0.03
	Cu amount	Co amount	Cu cutoff	Au amount	
	6,220,000				
				Reference Page	77

RefNo	Resources Reference
77	Kirkham, Rodney, and Broughton, David, 2005, Supplement to the sediment-hosted stratiform copper ore system, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Littleton, Colorado, Society of Economic Geologists, Inc., p. 609–642.

ResID	270	DeplD	101	Subpart	
Resource Category	reserve	Resource Standard			
Year(s)	1998	ASCu grade		Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount	
22,000,000	2.3		Cu equivalent	Au grade	



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Cu amount 510,000 Co amount Cu cutoff Au amount  
Reference Page 77

RefNo Resources Reference

77 Kirkham, Rodney, and Broughton, David, 2005, Supplement to the sediment-hosted stratiform copper ore system, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Littleton, Colorado, Society of Economic Geologists, Inc., p. 609–642.

ResID 271 DepID 101 Subpart Luanshya (additional resources)

Resource Category resource Resource Standard

Year(s) 1998 ASCu grade Ag grade

Ore (mt) Cu grade Co grade ASCu amount Ag amount

28,400,000 2.4 Cu equivalent Au grade

Cu amount Co amount Cu cutoff Au amount

680,000 Reference Page 77

RefNo Resources Reference

77 Kirkham, Rodney, and Broughton, David, 2005, Supplement to the sediment-hosted stratiform copper ore system, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Littleton, Colorado, Society of Economic Geologists, Inc., p. 609–642.

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Group Name	<input type="text" value="Kalengwa"/>	DepID	<input type="text" value="102"/>	MRDS	<input type="text" value="10182917"/>
Deposit Name	<input type="text" value="Kalengwa"/>	Property	<input type="text" value="Kalengwa"/>		
Total Endowment		Latitude	<input type="text" value="-13.4592"/>	Longitude	<input type="text" value="24.9989"/>
DepID	Ore(mt)	Cu(pct)	Co(pct)	Country	<input type="text" value="Zambia"/>
102	4,000,000	5.20		Province	<input type="text" value="North-Western"/>
Other Names	<input type="text"/>				
Includes	<input type="text"/>				
Site Activity	<input type="text" value="unknown"/>	Production	<input checked="" type="checkbox"/>		
Deposit Type	<input type="text" value="Structurally controlled replacement and vein"/>		DepositSubtype	<input type="text"/>	

RefNo	Deposit Reference
21	Kirkham, R.V., Carrière, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: Geological Survey of Canada Open File 2915b, 256 p.
23	Miller, W.E., and McGregor, J.A., 1967, The Kalengwa copper deposit in north western Zambia: Economic Geology, v. 62, p. 781–797.
26	van Eden, J.G., and Binda, P.L., 1972, Scope of stratigraphic and sedimentological analysis of the Katanga Sequence, Zambia: Geologie en Mijnbouw, v. 51, p. 321–328.
78	Cox, D.P., Lindsey, D.A., Singer, D.A., and Diggles, M.F., 2003, revised 2007, Sediment-hosted copper deposits of the world—Deposit models and database: U.S. Geological Survey Open-File Report 2003-107 version 1.1, 50 p. (Also available online at <a href="http://pubs.usgs.gov/of/2003/of03-107/">http://pubs.usgs.gov/of/2003/of03-107/</a> .)
102	Broughton, D.W., Valorose, C.P., Coker, S.A., Spera, S.L., Venendaal, J.F., and Hitzman, M.W., 2004, Congolese-style hypogene and supergene copper mineralization at the Kalengwa deposit, Zambia: Geological Society of America Abstracts with Programs, v. 36, no. 5, Abstract 222-11, p. 517. (Also available at <a href="http://gsa.confex.com/gsa/2004AM/finalprogram/abstract_78090.htm">http://gsa.confex.com/gsa/2004AM/finalprogram/abstract_78090.htm</a> .)
108	Ellis, M.W., and McGregor, J.A., 1967, The Kalengwa copper deposit in northwestern Zambia: Economic Geology, v. 62, p. 781–797.

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RefNo	Deposit Reference
124	Knuckey, PB., and Littleford, D., 1971, Development of the Kalengwa Mine in Zambia: AIME Transactions, v. 250, no. 4, p. 328–337.

ResID	213	DepID	102	Subpart	
Resource Category	total endowment		Resource Standard		
Year(s)	2004	ASCu grade		Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount	
4,000,000	5.2		Cu equivalent	Au grade	
	Cu amount	Co amount	Cu cutoff	Au amount	
	208,000		Reference Page	102	
RefNo	Resources Reference				
102	Broughton, D.W., Valorose, C.P., Coker, S.A., Spera, S.L., Venendaal, J.F., and Hitzman, M.W., 2004, Congolese-style hypogene and supergene copper mineralization at the Kalengwa deposit, Zambia: Geological Society of America Abstracts with Programs, v. 36, no. 5, Abstract 222-11, p. 517. (Also available at <a href="http://gsa.confex.com/gsa/2004AM/finalprogram/abstract_78090.htm">http://gsa.confex.com/gsa/2004AM/finalprogram/abstract_78090.htm</a> .)				

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Group Name  DepID  MRDS

Deposit Name  Property

Total Endowment

DepID	Ore(mt)	Cu(pct)	Co(pct)
103	5,200,000	2.30	

Latitude  Longitude

Country

Province

Other Names

Includes

Site Activity  Production ☐

Deposit Type  DepositSubtype

RefNo	Deposit Reference
21	Kirkham, R.V., Carrière, J.J., Laramée, R.M., and Garson, D.F., 1994, Global distribution of sediment-hosted stratiform copper deposits and occurrences: Geological Survey of Canada Open File 2915b, 256 p.
78	Cox, D.P., Lindsey, D.A., Singer, D.A., and Diggles, M.F., 2003, revised 2007, Sediment-hosted copper deposits of the world—Deposit models and database: U.S. Geological Survey Open-File Report 2003-107 version 1.1, 50 p. (Also available online at <a href="http://pubs.usgs.gov/of/2003/of03-107/">http://pubs.usgs.gov/of/2003/of03-107/</a> .)
104	Earthstone Resources, 2010, Copper: Earthstone Resources Web Page, accessed May 26, 2010, at <a href="http://www.earthstoneresources.com/es.php?keyLink=HOME&amp;idLang=">http://www.earthstoneresources.com/es.php?keyLink=HOME&amp;idLang=</a> .

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ResID	214	DeplD	103	Subpart	
Resource Category	total endowment			Resource Standard	None
Year(s)	2003	ASCu grade		Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount	
5,200,000	2.3		Cu equivalent	Au grade	
	Cu amount	Co amount	Cu cutoff	Au amount	
	119,600		Reference Page	78	

RefNo	Resources Reference
78	Cox, D.P., Lindsey, D.A., Singer, D.A., and Diggles, M.F., 2003, revised 2007, Sediment-hosted copper deposits of the world—Deposit models and database: U.S. Geological Survey Open-File Report 2003-107 version 1.1, 50 p. (Also available online at <a href="http://pubs.usgs.gov/of/2003/of03-107/">http://pubs.usgs.gov/of/2003/of03-107/</a> .)

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Group Name  DepID  MRDS

Deposit Name  Property

Total Endowment

Latitude  Longitude

DepID	Ore(mt)	Cu(pct)	Co(pct)
104	14,000,000	1.10	

Country

Province

Other Names

Includes

Site Activity  Production ☐

Deposit Type  DepositSubtype

RefNo	Deposit Reference
82	Selley, David, Broughton, David, Scott, Robert, Hitzman, Murray, Bull, S.W., Large, R.R., McGoldrick, P.J., Croaker, Mawson, Pollington, Nicky, and Barra, Fernando, 2005, A new look at the geology of the Zambian Copperbelt, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Society of Economic Geologists, Littleton, Colo., United States, p. 965–1000.
88	Verbeek, Julian, Lomberg, Ken, and Rupprecht, Steven, 2005, Independent technical report on the Central African Mineral properties of TEAL Exploration and Mining Inc.: RSG Global Job No. JARM03, prepared for TEAL Exploration and Mining Inc., Sept. 16, 2005, 181 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)

ResID <input type="text" value="234"/>	DepID <input type="text" value="104"/>	Subpart <input type="text" value="Samba"/>
Resource Category <input type="text" value="inferred"/>	Resource Standard <input type="text"/>	
Year(s) <input type="text" value="1978"/>	ASCu grade <input type="text"/>	Ag grade <input type="text"/>
Ore (mt) <input type="text" value="14,000,000"/>	Cu grade <input type="text" value="1.1"/>	Ag amount <input type="text"/>
	Co grade <input type="text"/>	Au grade <input type="text"/>
	ASCu amount <input type="text"/>	Au amount <input type="text"/>
	Cu equivalent <input type="text"/>	
	Cu amount <input type="text" value="154,000"/>	
	Co amount <input type="text"/>	
	Cu cutoff <input type="text"/>	
Reference Page <input type="text" value="88 (p. 63)"/>		

RefNo	Resources Reference
88	Verbeek, Julian, Lomberg, Ken, and Rupprecht, Steven, 2005, Independent technical report on the Central African Mineral properties of TEAL Exploration and Mining Inc.: RSG Global Job No. JARM03, prepared for TEAL Exploration and Mining Inc., Sept. 16, 2005, 181 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)

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Group Name	<input type="text" value="Nama D"/>	DepID	<input type="text" value="105"/>	MRDS	<input type="text" value="10159261"/>
Deposit Name	<input type="text" value="Nama D"/>	Property	<input type="text" value="Nama Retention Licence"/>		
Total Endowment		Latitude	<input type="text" value="-12.1429"/>	Longitude	<input type="text" value="27.4913"/>
DepID	Ore(mt)	Cu(pct)	Co(pct)	Country	<input type="text" value="Zambia"/>
105	63,909,000	0.04	0.080	Province	<input type="text" value="North-Western"/>
Other Names	<input type="text"/>				
Includes	<input type="text"/>				
Site Activity	<input type="text" value="exploration"/>	Production	<input type="checkbox"/>		
Deposit Type	<input type="text" value="Structurally controlled replacement and vein"/>		DepositSubtype	<input type="text"/>	

RefNo	Deposit Reference
87	Grant, David, 2008, Independent qualified person report for resource body D in the Nama retention licence Northern Zambia: Applied Geology and Mining (pty) Technical Report, prepared for Caledonia Mining Corp and Caledonia Nama Ltd., May 1, 2008, 51 p., accessed June 5, 2008, at <a href="http://www.caledoniamining.com/pdfs/Nama-NI-43-101-08.pdf">http://www.caledoniamining.com/pdfs/Nama-NI-43-101-08.pdf</a> .
100	Grant, David, and Haslett, Michael, 2007, Independent competent persons report of the Nama retention license in northern Zambia and held by Caledonian Mining Ltd., May 1, 2007: Applied Geology and Mining (pty), prepared for Caledonian Mining Ltd., 67 p.

ResID	<input type="text" value="227"/>	DepID	<input type="text" value="105"/>	Subpart	<input type="text" value="Nama Anomaly D"/>	
Resource Category	<input type="text" value="indicated+inferred"/>			Resource Standard	<input type="text"/>	
Year(s)	<input type="text" value="2008"/>	ASCu grade	<input type="text"/>	Ag grade	<input type="text"/>	
Ore (mt)	<input type="text" value="63,909,000"/>	Cu grade	<input type="text" value="0.035"/>	Ag amount	<input type="text"/>	
		Co grade	<input type="text" value="0.08"/>	Au grade	<input type="text"/>	
		ASCu amount	<input type="text"/>	Au amount	<input type="text"/>	
		Cu equivalent	<input type="text"/>			
		Cu amount	<input type="text" value="22,490"/>	Cu cutoff	<input type="text"/>	
		Co amount	<input type="text" value="51,260"/>	Au amount	<input type="text"/>	
Reference Page				<input type="text" value="87 (p. 46)"/>		

RefNo	Resources Reference
87	Grant, David, 2008, Independent qualified person report for resource body D in the Nama retention licence Northern Zambia: Applied Geology and Mining (pty) Technical Report, prepared for Caledonia Mining Corp and Caledonia Nama Ltd., May 1, 2008, 51 p., accessed June 5, 2008, at <a href="http://www.caledoniamining.com/pdfs/Nama-NI-43-101-08.pdf">http://www.caledoniamining.com/pdfs/Nama-NI-43-101-08.pdf</a> .

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Group Name  DepID  MRDS

Deposit Name  Property

Total Endowment

DepID	Ore(mt)	Cu(pct)	Co(pct)
106	4,300,000	1.44	

Latitude  Longitude

Country

Province

Other Names

Includes

Site Activity  Production ☐

Deposit Type  DepositSubtype

RefNo	Deposit Reference
77	Kirkham, Rodney, and Broughton, David, 2005, Supplement to the sediment-hosted stratiform copper ore system, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Littleton, Colorado, Society of Economic Geologists, Inc., p. 609–642.
96	CSMA Consultants Ltd., ACA How International Ltd., and SGS Ghana Ltd., 2001, Competent Person's Report, The assets of First Quantum Minerals Ltd. in Zambia and Zimbabwe, May 2001: CSMA Consultants Ltd., ACA How International Ltd., and SGS Ghana Ltd. Technical Report, prepared for First Quantum Minerals Ltd., May, 2001, 203 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)
115	Freeman, P.V., comp., 1988, Description of mineral deposits on the Copperbelt (and Kabwe, Nampundwe): Lukasa, Zambia, [Consolidated Copper Mines Ltd. (ZCCM) unpublished company report], 88 p.



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ResID	268	DepID	106	Subpart	
Resource Category	resource		Resource Standard		
Year(s)	1991	ASCu grade		Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount	
4,300,000	1.44		Cu equivalent	Au grade	
	Cu amount	Co amount	Cu cutoff	Au amount	
	60,000		Reference Page	77, 96 (p. 102), 115 (p. 5, 85)	

RefNo	Resources Reference
77	Kirkham, Rodney, and Broughton, David, 2005, Supplement to the sediment-hosted stratiform copper ore system, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Littleton, Colorado, Society of Economic Geologists, Inc., p. 609–642.
96	CSMA Consultants Ltd., ACA How International Ltd., and SGS Ghana Ltd., 2001, Competent Person's Report, The assets of First Quantum Minerals Ltd. in Zambia and Zimbabwe, May 2001: CSMA Consultants Ltd., ACA How International Ltd., and SGS Ghana Ltd. Technical Report, prepared for First Quantum Minerals Ltd., May, 2001, 203 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)
115	Freeman, P.V., comp., 1988, Description of mineral deposits on the Copperbelt (and Kabwe, Nampundwe): Lukasa, Zambia, [Consolidated Copper Mines Ltd. (ZCCM) unpublished company report], 88 p.

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Group Name  DepID  MRDS

Deposit Name  Property

Total Endowment

DepID	Ore(mt)	Cu(pct)	Co(pct)
107	340,000,000	0.78	0.030

Latitude  Longitude

Country

Province

Other Names

Includes

Site Activity  Production ☐

Deposit Type  DepositSubtype

RefNo	Deposit Reference
77	Kirkham, Rodney, and Broughton, David, 2005, Supplement to the sediment-hosted stratiform copper ore system, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Littleton, Colorado, Society of Economic Geologists, Inc., p. 609–642.
95	Kiwara plc, 2010, Kiwara: Kiwara plc Web Page, accessed October 26, 2009, at <a href="http://www.kiwara.co.uk/kalumbila.htm">http://www.kiwara.co.uk/kalumbila.htm</a> .
111	Naidoo, P., and Chisonga, B., 2009, Grade tonnage estimates for potential pit area, Kiwara plc: Snowden Mining Industry Consultants Kalumbila Project, Project No. J1078, prepared for Kiwara plc , 34 p.

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ResID	46	DeplD	107	Subpart	
Resource Category	inferred			Resource Standard	SAMREC
Year(s)	2009		ASCu grade		Ag grade
Ore (mt)	Cu grade	Co grade	ASCu amount		Ag amount
340,000,000	0.78	0.03	Cu equivalent		Au grade
	Cu amount	Co amount	Cu cutoff		Au amount
	2,652,000	102,000			
			Reference Page	111 (p. 5)	

RefNo	Resources Reference
111	Naidoo, P., and Chisonga, B., 2009, Grade tonnage estimates for potential pit area, Kiwara plc: Snowden Mining Industry Consultants Kalumbila Project, Project No. J1078, prepared for Kiwara plc , 34 p.

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Group Name	<input type="text" value="Fitwaola"/>	DepID	<input type="text" value="108"/>	MRDS	<input type="text" value="10400383"/>
Deposit Name	<input type="text" value="Fitwaola"/>	Property	<input type="text" value="Konkola/Mushoshi"/>		
Total Endowment		Latitude	<input type="text" value="-12.4085"/>	Longitude	<input type="text" value="27.8806"/>
DepID	Ore(mt)	Cu(pct)	Co(pct)	Country	<input type="text" value="Zambia"/>
108	3,450,000	2.94		Province	<input type="text" value="Copperbelt"/>
Other Names	<input type="text" value="Fituaola"/>				
Includes	<input type="text" value="Fitwaola"/>				
Site Activity	<input type="text" value="unknown"/>	Production	<input checked="" type="checkbox"/>		
Deposit Type	<input type="text" value="Sediment-hosted stratabound copper deposit"/>		DepositSubtype	<input type="text" value="Reduced-facies, ore shale"/>	

RefNo	Deposit Reference
75	IMC Group Consulting Ltd., 2008, Technical assessment report of Konkola Copper Mines plc as at 12th August 2005, in N.M. Rothschild & Sons, KCM Valuation: N.M. Rothschild & Sons, prepared for ZCI Holdings SA and Vedanta Resources plc, 15 January, 2008 [revised April 2009], 142 p. plus appendices, accessed July 6, 2009, at <a href="http://www.zci.lu/KCM%20Valuation%20Report.pdf">www.zci.lu/KCM%20Valuation%20Report.pdf</a> .
77	Kirkham, Rodney, and Broughton, David, 2005, Supplement to the sediment-hosted stratiform copper ore system, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Littleton, Colorado, Society of Economic Geologists, Inc., p. 609–642.
82	Selley, David, Broughton, David, Scott, Robert, Hitzman, Murray, Bull, S.W., Large, R.R., McGoldrick, P.J., Croaker, Mawson, Pollington, Nicky, and Barra, Fernando, 2005, A new look at the geology of the Zambian Copperbelt, in Hedenquist, J.W., Thompson, J.F.H., Goldfarb, R.J., and Richards, J.P., eds., Economic Geology—One hundredth anniversary volume 1905-2005: Society of Economic Geologists, Littleton, Colo., United States, p. 965–1000.
115	Freeman, P.V., comp., 1988, Description of mineral deposits on the Copperbelt (and Kabwe, Nampundwe): Lukasa, Zambia, [Consolidated Copper Mines Ltd. (ZCCM) unpublished company report], 88 p.

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ResID	272	DeplD	108	Subpart	LOM = 2.5 years	
Resource Category	probable			Resource Standard		
Year(s)	2005			ASCu grade	2.11	Ag grade
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount		
3,450,000	2.94		Cu equivalent	Au grade		
	Cu amount	Co amount	Cu cutoff	Au amount		
	101,430		Reference Page	75 (p. 56)		

RefNo

Resources Reference

75 | IMC Group Consulting Ltd., 2008, Technical assessment report of Konkola Copper Mines plc as at 12th August 2005, in N.M. Rothschild & Sons, KCM Valuation: N.M. Rothschild & Sons, prepared for ZCI Holdings SA and Vedanta Resources plc, 15 January, 2008 [revised April 2009], 142 p. plus appendices, accessed July 6, 2009, at [www.zci.lu/KCM%20Valuation%20Report.pdf](http://www.zci.lu/KCM%20Valuation%20Report.pdf).

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Group Name  DepID  MRDS

Deposit Name  Property

Total Endowment

Latitude  Longitude

DepID	Ore(mt)	Cu(pct)	Co(pct)
109	14,700,000	1.36	0.021

Country

Province

Other Names

Includes

Site Activity  Production ☐

Deposit Type  DepositSubtype

RefNo	Deposit Reference
136	Marwood, Brad, 2011, Ready to roar: Tiger Resources Limited Presentation, AGM 26 May 2011, 18 p., accessed July 5, 2011, at <a href="http://www.goldinvest.de/wp-content/uploads/Tiger_Resources_AGM_Presentation_26May2011.pdf">http://www.goldinvest.de/wp-content/uploads/Tiger_Resources_AGM_Presentation_26May2011.pdf</a> .

ResID <input type="text" value="281"/>	DepID <input type="text" value="109"/>	Subpart <input type="text" value="Sase Central"/>
Resource Category <input type="text" value="indicated"/>	Resource Standard <input type="text"/>	
Year(s) <input type="text" value="2011"/>	ASCu grade <input type="text"/>	Ag grade <input type="text"/>
Ore (mt) <input type="text" value="3,100,000"/>	Cu grade <input type="text" value="1.6"/>	Co grade <input type="text" value="0.1"/>
	ASCu amount <input type="text"/>	Ag amount <input type="text"/>
	Cu equivalent <input type="text"/>	Au grade <input type="text"/>
	Cu amount <input type="text"/>	Au amount <input type="text"/>
	Co amount <input type="text"/>	
	Cu cutoff <input type="text"/>	
	Reference Page <input type="text" value="136"/>	

RefNo	Resources Reference
136	Marwood, Brad, 2011, Ready to roar: Tiger Resources Limited Presentation, AGM 26 May 2011, 18 p., accessed July 5, 2011, at <a href="http://www.goldinvest.de/wp-content/uploads/Tiger_Resources_AGM_Presentation_26May2011.pdf">http://www.goldinvest.de/wp-content/uploads/Tiger_Resources_AGM_Presentation_26May2011.pdf</a> .

ResID <input type="text" value="282"/>	DepID <input type="text" value="109"/>	Subpart <input type="text" value="Sase Central"/>
Resource Category <input type="text" value="inferred"/>	Resource Standard <input type="text"/>	
Year(s) <input type="text" value="2011"/>	ASCu grade <input type="text"/>	Ag grade <input type="text"/>
Ore (mt) <input type="text" value="11,600,000"/>	Cu grade <input type="text" value="1.3"/>	Co grade <input type="text"/>
	ASCu amount <input type="text"/>	Ag amount <input type="text"/>
	Cu equivalent <input type="text"/>	Au grade <input type="text"/>

USGS - Central African Copperbelt Scientific Investigations Report 2010-5090-J

Cu amount

Co amount

Cu cutoff

Au amount

Reference Page 136

RefNo

Resources Reference

136 Marwood, Brad, 2011, Ready to roar: Tiger Resources Limited Presentation, AGM 26 May 2011, 18 p., accessed July 5, 2011, at [http://www.goldinvest.de/wp-content/uploads/Tiger\\_Resources\\_AGM\\_Presentation\\_26May2011.pdf](http://www.goldinvest.de/wp-content/uploads/Tiger_Resources_AGM_Presentation_26May2011.pdf).

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Group Name	<input type="text" value="Dilala East"/>	DepID	<input type="text" value="110"/>	MRDS	<input type="text" value="10400611"/>
Deposit Name	<input type="text" value="Dilala East"/>	Property	<input type="text" value="Musonoi Est"/>		
Total Endowment		Latitude	<input type="text" value="-10.695"/>	Longitude	<input type="text" value="25.47"/>
DepID	Ore(mt)	Cu(pct)	Co(pct)	Country	<input type="text" value="Democratic Republic of the Congo"/>
110	19,100,000	2.92	0.868	Province	<input type="text" value="Katanga"/>
Other Names	<input type="text"/>				
Includes	<input type="text"/>				
Site Activity	<input type="text" value="exploration"/>	Production	<input type="checkbox"/>		
Deposit Type	<input type="text" value="Sediment-hosted stratabound copper deposit"/>		DepositSubtype	<input type="text" value="Reduced-facies, carbonate ecaille"/>	

RefNo	Deposit Reference
138	Metorex Ltd., 2010b, Competent Persons' Report (CPR) and valuation of the Metorex growth projects in the Democratic Republic of the Congo: Metorex Ltd., Johannesburg, Republic of South Africa, 166 p., accessed April 18, at <a href="http://www.metorex.co.za/downloads/cpr/Metorex_CPR_GrowthProjects.pdf">http://www.metorex.co.za/downloads/cpr/Metorex_CPR_GrowthProjects.pdf</a> .

ResID	<input type="text" value="283"/>	DepID	<input type="text" value="110"/>	Subpart	<input type="text" value="Oxide + Sulphide Material"/>
Resource Category	<input type="text" value="measured"/>		Resource Standard	<input type="text" value="SAMREC"/>	
Year(s)	<input type="text" value="2009"/>	ASCu grade	<input type="text"/>	Ag grade	<input type="text"/>
Ore (mt)	<input type="text" value="7,600,000"/>	Cu grade	<input type="text" value="3"/>	Ag amount	<input type="text"/>
		Co grade	<input type="text" value="0.85"/>	Au grade	<input type="text"/>
		ASCu amount	<input type="text"/>	Au amount	<input type="text"/>
		Cu equivalent	<input type="text"/>		
		Cu amount	<input type="text"/>		
		Co amount	<input type="text"/>		
		Cu cutoff	<input type="text"/>		
		Reference Page	<input type="text" value="138 (p. 19)"/>		

RefNo	Resources Reference
138	Metorex Ltd., 2010b, Competent Persons' Report (CPR) and valuation of the Metorex growth projects in the Democratic Republic of the Congo: Metorex Ltd., Johannesburg, Republic of South Africa, 166 p., accessed April 18, at <a href="http://www.metorex.co.za/downloads/cpr/Metorex_CPR_GrowthProjects.pdf">http://www.metorex.co.za/downloads/cpr/Metorex_CPR_GrowthProjects.pdf</a> .

ResID	<input type="text" value="284"/>	DepID	<input type="text" value="110"/>	Subpart	<input type="text" value="Oxide + Sulphide Material"/>
Resource Category	<input type="text" value="indicated"/>		Resource Standard	<input type="text" value="SAMREC"/>	
Year(s)	<input type="text" value="2009"/>	ASCu grade	<input type="text"/>	Ag grade	<input type="text"/>
Ore (mt)	<input type="text" value="7,600,000"/>	Cu grade	<input type="text" value="2.9"/>	Ag amount	<input type="text"/>
		Co grade	<input type="text" value="0.89"/>	Au grade	<input type="text"/>
		ASCu amount	<input type="text"/>		
		Cu equivalent	<input type="text"/>		



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Cu amount  Co amount  Cu cutoff  Au amount   
 Reference Page

RefNo Resources Reference

138 Metorex Ltd., 2010b, Competent Persons' Report (CPR) and valuation of the Metorex growth projects in the Democratic Republic of the Congo: Metorex Ltd., Johannesburg, Republic of South Africa, 166 p., accessed April 18, at [http://www.metorex.co.za/downloads/cpr/Metorex\\_CPR\\_GrowthProjects.pdf](http://www.metorex.co.za/downloads/cpr/Metorex_CPR_GrowthProjects.pdf).

ResID  DepID  Subpart

Resource Category  Resource Standard

Year(s)  ASCu grade  Ag grade

Ore (mt)  Cu grade  Co grade  ASCu amount  Ag amount

Cu equivalent  Au grade

Cu amount  Co amount  Cu cutoff  Au amount

Reference Page

RefNo Resources Reference

138 Metorex Ltd., 2010b, Competent Persons' Report (CPR) and valuation of the Metorex growth projects in the Democratic Republic of the Congo: Metorex Ltd., Johannesburg, Republic of South Africa, 166 p., accessed April 18, at [http://www.metorex.co.za/downloads/cpr/Metorex\\_CPR\\_GrowthProjects.pdf](http://www.metorex.co.za/downloads/cpr/Metorex_CPR_GrowthProjects.pdf).

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Group Name  DepID  MRDS

Deposit Name  Property

Total Endowment

Latitude  Longitude

Country

Province

DepID	Ore(mt)	Cu(pct)	Co(pct)
111	3,126,357	0.30	0.610

Other Names

Includes

Site Activity  Production ☐

Deposit Type  DepositSubtype

RefNo	Deposit Reference
140	Shalina Resources Ltd., 2011, Summary SRL resource estimates: Shalina Resources Ltd., accessed July 7, 2011, at <a href="http://www.shalinaresources.com/uploads/resourceestimatessummary.pdf">http://www.shalinaresources.com/uploads/resourceestimatessummary.pdf</a> .

ResID <input type="text" value="289"/>	DepID <input type="text" value="111"/>	Subpart <input type="text"/>
Resource Category <input type="text" value="indicated"/>		Resource Standard <input type="text" value="JORC"/>
Year(s) <input type="text" value="2011"/>	ASCu grade <input type="text"/>	Ag grade <input type="text"/>
Ore (mt) <input type="text" value="3,126,357"/>	Cu grade <input type="text" value="0.3"/>	Co grade <input type="text" value="0.61"/>
	ASCu amount <input type="text"/>	Ag amount <input type="text"/>
	Cu equivalent <input type="text"/>	Au grade <input type="text"/>
	Cu amount <input type="text"/>	Au amount <input type="text"/>
	Co amount <input type="text"/>	
	Cu cutoff <input type="text"/>	
Reference Page <input type="text" value="140"/>		

RefNo	Resources Reference
140	Shalina Resources Ltd., 2011, Summary SRL resource estimates: Shalina Resources Ltd., accessed July 7, 2011, at <a href="http://www.shalinaresources.com/uploads/resourceestimatessummary.pdf">http://www.shalinaresources.com/uploads/resourceestimatessummary.pdf</a> .

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Group Name	Makala R4	DepID	112	MRDS	10400613
Deposit Name	Makala R4	Property	Makala		
Total Endowment		Latitude	-10.7746	Longitude	25.672
DepID	Ore(mt)	Cu(pct)	Co(pct)		
112	17,251,408	0.30	0.327		
Other Names					
Includes					
Site Activity	exploration	Production	<input type="checkbox"/>		
Deposit Type	Unclassified Cu	DepositSubtype			

RefNo	Deposit Reference
140	Shalina Resources Ltd., 2011, Summary SRL resource estimates: Shalina Resources Ltd., accessed July 7, 2011, at <a href="http://www.shalinareources.com/uploads/resourceestimatessummary.pdf">http://www.shalinareources.com/uploads/resourceestimatessummary.pdf</a> .

ResID	290	DepID	112	Subpart		
Resource Category	indicated		Resource Standard			
Year(s)	2011	ASCu grade		Ag grade		
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount		
5,437,272	0.31	0.32	Cu equivalent	Au grade		
	Cu amount	Co amount	Cu cutoff	Au amount		
Reference Page			140			

RefNo	Resources Reference
140	Shalina Resources Ltd., 2011, Summary SRL resource estimates: Shalina Resources Ltd., accessed July 7, 2011, at <a href="http://www.shalinareources.com/uploads/resourceestimatessummary.pdf">http://www.shalinareources.com/uploads/resourceestimatessummary.pdf</a> .

ResID	291	DepID	112	Subpart		
Resource Category	inferred		Resource Standard			
Year(s)	2011	ASCu grade		Ag grade		
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount		
11,814,136	0.29	0.33	Cu equivalent	Au grade		

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Cu amount

Co amount

Cu cutoff

Au amount

Reference Page 140

RefNo

Resources Reference

140 Shalina Resources Ltd., 2011, Summary SRL resource estimates: Shalina Resources Ltd., accessed July 7, 2011, at <http://www.shalinareresources.com/uploads/resourceestimatessummary.pdf>.

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Group Name  DepID  MRDS

Deposit Name  Property

Total Endowment

DepID	Ore(mt)	Cu(pct)	Co(pct)
113	1,211,695	2.81	0.267

Latitude  Longitude

Country

Province

Other Names

Includes

Site Activity  Production ☐

Deposit Type  DepositSubtype

RefNo	Deposit Reference
140	Shalina Resources Ltd., 2011, Summary SRL resource estimates: Shalina Resources Ltd., accessed July 7, 2011, at <a href="http://www.shalinareources.com/uploads/resourceestimatessummary.pdf">http://www.shalinareources.com/uploads/resourceestimatessummary.pdf</a> .

ResID <input type="text" value="292"/>	DepID <input type="text" value="113"/>	Subpart <input type="text"/>
Resource Category <input type="text" value="indicated"/>		Resource Standard <input type="text"/>
Year(s) <input type="text" value="2011"/>	ASCu grade <input type="text"/>	Ag grade <input type="text"/>
Ore (mt) <input type="text" value="852,306"/>	Cu grade <input type="text" value="2.58"/>	Co grade <input type="text" value="0.3"/>
	ASCu amount <input type="text"/>	Ag amount <input type="text"/>
	Cu equivalent <input type="text"/>	Au grade <input type="text"/>
	Cu amount <input type="text"/>	Au amount <input type="text"/>
	Co amount <input type="text"/>	
	Cu cutoff <input type="text"/>	
Reference Page <input type="text" value="140"/>		

RefNo	Resources Reference
140	Shalina Resources Ltd., 2011, Summary SRL resource estimates: Shalina Resources Ltd., accessed July 7, 2011, at <a href="http://www.shalinareources.com/uploads/resourceestimatessummary.pdf">http://www.shalinareources.com/uploads/resourceestimatessummary.pdf</a> .

ResID <input type="text" value="293"/>	DepID <input type="text" value="113"/>	Subpart <input type="text"/>
Resource Category <input type="text" value="inferred"/>		Resource Standard <input type="text"/>
Year(s) <input type="text" value="2011"/>	ASCu grade <input type="text"/>	Ag grade <input type="text"/>
Ore (mt) <input type="text" value="359,389"/>	Cu grade <input type="text" value="3.34"/>	Co grade <input type="text" value="0.19"/>
	ASCu amount <input type="text"/>	Ag amount <input type="text"/>
	Cu equivalent <input type="text"/>	Au grade <input type="text"/>

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Cu amount

Co amount

Cu cutoff

Au amount

Reference Page 140

RefNo

Resources Reference

140 Shalina Resources Ltd., 2011, Summary SRL resource estimates: Shalina Resources Ltd., accessed July 7, 2011, at <http://www.shalinareresources.com/uploads/resourceestimatessummary.pdf>.

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Group Name  DepID  MRDS

Deposit Name  Property

Total Endowment

DepID	Ore(mt)	Cu(pct)	Co(pct)
114	3,463,848	0.86	

Latitude  Longitude

Country

Province

Other Names

Includes

Site Activity  Production ☐

Deposit Type  DepositSubtype

RefNo	Deposit Reference
140	Shalina Resources Ltd., 2011, Summary SRL resource estimates: Shalina Resources Ltd., accessed July 7, 2011, at <a href="http://www.shalinaresources.com/uploads/resourceestimatessummary.pdf">http://www.shalinaresources.com/uploads/resourceestimatessummary.pdf</a> .

ResID <input type="text" value="294"/>	DepID <input type="text" value="114"/>	Subpart <input type="text"/>
Resource Category <input type="text" value="indicated"/>	Resource Standard <input type="text" value="None"/>	
Year(s) <input type="text" value="2011"/>	ASCu grade <input type="text"/>	Ag grade <input type="text"/>
Ore (mt) <input type="text" value="3,463,848"/>	Cu grade <input type="text" value="0.86"/>	Ag amount <input type="text"/>
	Co grade <input type="text"/>	Au grade <input type="text"/>
	ASCu amount <input type="text"/>	Au amount <input type="text"/>
	Cu equivalent <input type="text"/>	
	Cu amount <input type="text"/>	
	Co amount <input type="text"/>	
	Cu cutoff <input type="text"/>	
Reference Page <input type="text" value="140"/>		

RefNo	Resources Reference
140	Shalina Resources Ltd., 2011, Summary SRL resource estimates: Shalina Resources Ltd., accessed July 7, 2011, at <a href="http://www.shalinaresources.com/uploads/resourceestimatessummary.pdf">http://www.shalinaresources.com/uploads/resourceestimatessummary.pdf</a> .

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Group Name  DepID  MRDS

Deposit Name  Property

Total Endowment

Latitude  Longitude

Country

Province

DepID	Ore(mt)	Cu(pct)	Co(pct)
115	125,200	3.17	1.697

Other Names

Includes

Site Activity  Production ☒

Deposit Type  DepositSubtype

RefNo	Deposit Reference
143	Elemental Minerals Ltd., 2007, Quarterly activity report for the period ended 30 June 2007: Elemental Minerals Ltd., 11 p., accessed July 7, 2011, at <a href="http://www.elementalminerals.com.au/Quarterly-Reports/2007_June_Quarterly_Activity_and_Cash_Flow_Report.pdf">http://www.elementalminerals.com.au/Quarterly-Reports/2007_June_Quarterly_Activity_and_Cash_Flow_Report.pdf</a> .

ResID <input type="text" value="295"/>	DepID <input type="text" value="115"/>	Subpart <input type="text"/>
Resource Category <input type="text" value="production"/>		Resource Standard <input type="text" value="NA"/>
Year(s) <input type="text" value="1996"/>	ASCu grade <input type="text"/>	Ag grade <input type="text"/>
Ore (mt) <input type="text" value="200"/>	Cu grade <input type="text" value="18"/>	Co grade <input type="text"/>
	ASCu amount <input type="text"/>	Ag amount <input type="text"/>
	Cu equivalent <input type="text"/>	Au grade <input type="text"/>
	Cu amount <input type="text"/>	Co amount <input type="text"/>
	Cu cutoff <input type="text"/>	Au amount <input type="text"/>
Reference Page <input type="text" value="143 (p. 2)"/>		

RefNo	Resources Reference
143	Elemental Minerals Ltd., 2007, Quarterly activity report for the period ended 30 June 2007: Elemental Minerals Ltd., 11 p., accessed July 7, 2011, at <a href="http://www.elementalminerals.com.au/Quarterly-Reports/2007_June_Quarterly_Activity_and_Cash_Flow_Report.pdf">http://www.elementalminerals.com.au/Quarterly-Reports/2007_June_Quarterly_Activity_and_Cash_Flow_Report.pdf</a> .

ResID <input type="text" value="296"/>	DepID <input type="text" value="115"/>	Subpart <input type="text"/>
Resource Category <input type="text" value="reserve"/>		Resource Standard <input type="text" value="None"/>
Year(s) <input type="text" value="1996"/>	ASCu grade <input type="text"/>	Ag grade <input type="text"/>
Ore (mt) <input type="text" value="125,000"/>	Cu grade <input type="text" value="3.15"/>	Co grade <input type="text" value="1.7"/>
	ASCu amount <input type="text"/>	Ag amount <input type="text"/>
	Cu equivalent <input type="text"/>	Au grade <input type="text"/>



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Cu amount

Co amount

Cu cutoff

Au amount

Reference Page 143 (p. 2)

RefNo

Resources Reference

143 Elemental Minerals Ltd., 2007, Quarterly activity report for the period ended 30 June 2007:  
 Elemental Minerals Ltd., 11 p., accessed July 7, 2011, at  
[http://www.elementalminerals.com.au/Quaterly-Reports/2007\\_June\\_Quarterly\\_Activity\\_and\\_Cash\\_Flow\\_Report.pdf](http://www.elementalminerals.com.au/Quaterly-Reports/2007_June_Quarterly_Activity_and_Cash_Flow_Report.pdf).

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Group Name  DepID  MRDS

Deposit Name  Property

Total Endowment

DepID	Ore(mt)	Cu(pct)	Co(pct)
123	299,600,000	1.23	0.588

Latitude  Longitude

Country

Province

Other Names

Includes

Site Activity  Production ☒

Deposit Type  DepositSubtype

**RefNo Deposit Reference**

145 Wimberly, Frank, Onley, Peter, van der Schyff, Willem, Eckstein, Spencer, Lotheringen, Jaco, Anderson, Spencer, and Johnstone, Kerron, 2011, Mineral expert's report—Mutanda (Draft report): Golder Associates, prepared for Glencore International plc, Baar, Switzerland, 144 p.

ResID  DepID  Subpart

Resource Category  Resource Standard

Year(s)  ASCu grade  Ag grade   
 Ore (mt) Cu grade Co grade ASCu amount Ag amount  
 103,700,000 1.48 0.73  
 Cu amount Co amount Cu cutoff Au grade Au amount

Reference Page

**RefNo Resources Reference**

145 Wimberly, Frank, Onley, Peter, van der Schyff, Willem, Eckstein, Spencer, Lotheringen, Jaco, Anderson, Spencer, and Johnstone, Kerron, 2011, Mineral expert's report—Mutanda (Draft report): Golder Associates, prepared for Glencore International plc, Baar, Switzerland, 144 p.

ResID  DepID  Subpart

Resource Category  Resource Standard

Year(s)  ASCu grade  Ag grade   
 Ore (mt) Cu grade Co grade ASCu amount Ag amount  
 23,800,000 1.54 0.82  
 Cu equivalent Au grade

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Cu amount  Co amount  Cu cutoff  Au amount

Reference Page

RefNo Resources Reference

145 Wimberly, Frank, Onley, Peter, van der Schyff, Willem, Eckstein, Spencer, Lotheringen, Jaco, Anderson, Spencer, and Johnstone, Kerron, 2011, Mineral expert's report—Mutanda (Draft report): Golder Associates, prepared for Glencore International plc, Baar, Switzerland, 144 p.

ResID  DepID  Subpart

Resource Category  Resource Standard

Year(s)  ASCu grade  Ag grade

Ore (mt)  Cu grade  Co grade  ASCu amount  Ag amount

Cu equivalent  Au grade

Cu amount  Co amount  Cu cutoff  Au amount

Reference Page

RefNo Resources Reference

145 Wimberly, Frank, Onley, Peter, van der Schyff, Willem, Eckstein, Spencer, Lotheringen, Jaco, Anderson, Spencer, and Johnstone, Kerron, 2011, Mineral expert's report—Mutanda (Draft report): Golder Associates, prepared for Glencore International plc, Baar, Switzerland, 144 p.

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Group Name  DepID  MRDS

Deposit Name  Property

Total Endowment

DepID	Ore(mt)	Cu(pct)	Co(pct)
124	45,460,000	1.75	

Latitude  Longitude

Country

Province

Other Names

Includes

Site Activity  Production ☒

Deposit Type  DepositSubtype

**RefNo Deposit Reference**

73 Anvil Mining Ltd., 2006c, Mutoshi Project: Anvil Mining Ltd. Fact Sheet, accessed January 16, 2010 at <http://www.anvilmining.com/files/200609-factsheet-mutoshi.pdf>.

ResID  DepID  Subpart

Resource Category  Resource Standard

Year(s)  ASCu grade  Ag grade

Ore (mt)  Cu grade  Co grade  ASCu amount  Ag amount

38,970,000   Cu equivalent  Au grade

Cu amount  Co amount  Cu cutoff  Au amount

Reference Page

**RefNo Resources Reference**

73 Anvil Mining Ltd., 2006c, Mutoshi Project: Anvil Mining Ltd. Fact Sheet, accessed January 16, 2010 at <http://www.anvilmining.com/files/200609-factsheet-mutoshi.pdf>.

ResID  DepID  Subpart

Resource Category  Resource Standard

Year(s)  ASCu grade  Ag grade

Ore (mt)  Cu grade  Co grade  ASCu amount  Ag amount

6,490,000   Cu equivalent  Au grade

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Cu amount

Co amount

Cu cutoff

Au amount

Reference Page 148

RefNo

Resources Reference

73 Anvil Mining Ltd., 2006c, Mutoshi Project: Anvil Mining Ltd. Fact Sheet, accessed January 16, 2010 at <http://www.anvilmining.com/files/200609-factsheet-mutoshi.pdf>.

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Group Name  DepID  MRDS

Deposit Name  Property

Total Endowment

Latitude  Longitude

DepID	Ore(mt)	Cu(pct)	Co(pct)
125	7,860,000	4.39	0.068

Country

Province

Other Names

Includes

Site Activity  Production ☒

Deposit Type  DepositSubtype

RefNo	Deposit Reference
150	Simposya, V.M., Waldeck, H.G., Tagami, M., and McDonald, A.J., comps., 2008, The Shituru Copper Project feasibility study, Katanga Province, Democratic Republic of Congo: SRK Consulting Report no. 359212 (October 29, 2008), prepared for International Barytex Resources, Ltd., 125 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)

ResID <input type="text" value="307"/>	DepID <input type="text" value="125"/>	Subpart <input type="text"/>
Resource Category <input type="text" value="measured"/>		Resource Standard <input type="text" value="CIM"/>
Year(s) <input type="text" value="2008"/>	ASCu grade <input type="text"/>	Ag grade <input type="text"/>
Ore (mt) <input type="text" value="3,633,000"/>	Cu grade <input type="text" value="4.76"/>	Co grade <input type="text" value="0.07"/>
	ASCu amount <input type="text"/>	Ag amount <input type="text"/>
	Cu equivalent <input type="text"/>	Au grade <input type="text"/>
	Cu amount <input type="text"/>	Au amount <input type="text"/>
	Co amount <input type="text"/>	
	Cu cutoff <input type="text"/>	
Reference Page <input type="text" value="150 (p. 65)"/>		

RefNo	Resources Reference
150	Simposya, V.M., Waldeck, H.G., Tagami, M., and McDonald, A.J., comps., 2008, The Shituru Copper Project feasibility study, Katanga Province, Democratic Republic of Congo: SRK Consulting Report no. 359212 (October 29, 2008), prepared for International Barytex Resources, Ltd., 125 p. (Also available at <a href="http://www.sedar.com">http://www.sedar.com</a> .)

ResID <input type="text" value="308"/>	DepID <input type="text" value="125"/>	Subpart <input type="text"/>
Resource Category <input type="text" value="production"/>		Resource Standard <input type="text" value="NA"/>
Year(s) <input type="text" value="1919-1954"/>	ASCu grade <input type="text"/>	Ag grade <input type="text"/>
Ore (mt) <input type="text" value="85,000"/>	Cu grade <input type="text" value="10.5"/>	Co grade <input type="text"/>
	ASCu amount <input type="text"/>	Ag amount <input type="text"/>
	Cu equivalent <input type="text"/>	Au grade <input type="text"/>

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Cu amount  Co amount  Cu cutoff  Au amount   
Reference Page 150 (p. ii)

## RefNo Resources Reference

150 Simposya, V.M., Waldeck, H.G., Tagami, M., and McDonald, A.J., comps., 2008, The Shituru Copper Project feasibility study, Katanga Province, Democratic Republic of Congo: SRK Consulting Report no. 359212 (October 29, 2008), prepared for International Barytex Resources, Ltd., 125 p. (Also available at <http://www.sedar.com>.)

ResID  309 DepID  125 Subpart   
Resource Category  indicated Resource Standard  CIM  
Year(s)  2008 ASCu grade  Ag grade   
Ore (mt)  Cu grade  Co grade  ASCu amount  Ag amount   
 3,912,000  4.02  0.07 Cu equivalent  Au grade   
Cu amount  Co amount  Cu cutoff  Au amount   
Reference Page  150 (p. 65)

## RefNo Resources Reference

150 Simposya, V.M., Waldeck, H.G., Tagami, M., and McDonald, A.J., comps., 2008, The Shituru Copper Project feasibility study, Katanga Province, Democratic Republic of Congo: SRK Consulting Report no. 359212 (October 29, 2008), prepared for International Barytex Resources, Ltd., 125 p. (Also available at <http://www.sedar.com>.)

ResID  310 DepID  125 Subpart   
Resource Category  inferred Resource Standard  CIM  
Year(s)  2008 ASCu grade  Ag grade   
Ore (mt)  Cu grade  Co grade  ASCu amount  Ag amount   
 230,000  2.55  0.02 Cu equivalent  Au grade   
Cu amount  Co amount  Cu cutoff  Au amount   
Reference Page  150 (p. 65)

## RefNo Resources Reference

150 Simposya, V.M., Waldeck, H.G., Tagami, M., and McDonald, A.J., comps., 2008, The Shituru Copper Project feasibility study, Katanga Province, Democratic Republic of Congo: SRK Consulting Report no. 359212 (October 29, 2008), prepared for International Barytex Resources, Ltd., 125 p. (Also available at <http://www.sedar.com>.)

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Group Name  DepID  MRDS

Deposit Name  Property

Total Endowment

DepID	Ore(mt)	Cu(pct)	Co(pct)
126	3,100,000	1.78	

Latitude  Longitude

Country

Province

Other Names

Includes

Site Activity  Production ☐

Deposit Type  DepositSubtype

RefNo	Deposit Reference
115	Freeman, P.V., comp., 1988, Description of mineral deposits on the Copperbelt (and Kabwe, Nampundwe): Lukasa, Zambia, [Consolidated Copper Mines Ltd. (ZCCM) unpublished company report], 88 p.
118	Marjonen, R., 2000, Geological map of the Kitwe-Mufulira area, quarter degree sheets 1228 SW and part of 1228 NW, to accompany report no. 60 by R. Marjonen: Zambia Geological Survey, scale 1:100,000.

ResID <input type="text" value="311"/>	DepID <input type="text" value="126"/>	Subpart <input type="text"/>
Resource Category <input type="text" value="resource"/>		Resource Standard <input type="text"/>
Year(s) <input type="text" value="1988"/>	ASCu grade <input type="text"/>	Ag grade <input type="text"/>
Ore (mt) <input type="text" value="3,100,000"/>	Cu grade <input type="text" value="1.78"/>	Co grade <input type="text"/>
	ASCu amount <input type="text"/>	Ag amount <input type="text"/>
	Cu equivalent <input type="text"/>	Au grade <input type="text"/>
	Cu amount <input type="text"/>	Co amount <input type="text"/>
	Cu cutoff <input type="text"/>	Au amount <input type="text"/>
Reference Page <input type="text" value="115"/>		

RefNo	Resources Reference
115	Freeman, P.V., comp., 1988, Description of mineral deposits on the Copperbelt (and Kabwe, Nampundwe): Lukasa, Zambia, [Consolidated Copper Mines Ltd. (ZCCM) unpublished company report], 88 p.



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Group Name  DepID  MRDS

Deposit Name  Property

Total Endowment

Latitude  Longitude

Country

Province

DepID	Ore(mt)	Cu(pct)	Co(pct)
127	10,000,000	2.70	0.450

Other Names

Includes

Site Activity  Production ☐

Deposit Type  DepositSubtype

RefNo	Deposit Reference
71	Huderek, Richard, 2008a, Katangan Copperbelt: Google Earth KML file, accessed July-September 2009 and Oct. 2010, at <a href="http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml">http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml</a> .
117	Goossens, Pierre, 2007, Phoenix rising in an uncertain world—New mining activities in Katanga: Académie Royale des Sciences d'Outre-Mer, Bulletin des séances, v. 53, no. 3, p. 361–385.

ResID  DepID  Subpart

Resource Category  Resource Standard

Year(s)  ASCu grade  Ag grade

Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount
10,000,000	2.7	0.45	<input type="text"/>	<input type="text"/>

Cu equivalent	Au grade
<input type="text"/>	<input type="text"/>

Cu amount	Co amount	Cu cutoff	Au amount
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Reference Page

RefNo	Resources Reference
71	Huderek, Richard, 2008a, Katangan Copperbelt: Google Earth KML file, accessed July-September 2009 and Oct. 2010, at <a href="http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml">http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml</a> .

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Group Name	Kamwale	DepID	128	MRDS	
Deposit Name	Kamwale	Property			
Total Endowment		Latitude	-11.1431	Longitude	27.1871
DepID	Ore(mt)	Cu(pct)	Co(pct)		
128	1,560,000	4.92	1.960		
Other Names	Kamwali				
Includes					
Site Activity		Production	<input type="checkbox"/>		
Deposit Type	Sediment-hosted stratabound copper deposit		DepositSubtype	Reduced-facies, carbonate ecaille	

RefNo	Deposit Reference
117	Goossens, Pierre, 2007, Phoenix rising in an uncertain world—New mining activities in Katanga: Académie Royale des Sciences d'Outre-Mer, Bulletin des séances, v. 53, no. 3, p. 361–385.
71	Huderek, Richard, 2008a, Katangan Copperbelt: Google Earth KML file, accessed July-September 2009 and Oct. 2010, at <a href="http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml">http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml</a> .

ResID	313	DepID	128	Subpart		
Resource Category	resource		Resource Standard			
Year(s)	2008	ASCu grade		Ag grade		
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount		
1,560,000	4.92	1.96	Cu equivalent	Au grade		
	Cu amount	Co amount	Cu cutoff	Au amount		
Reference Page			71 (no pagination)			
RefNo	Resources Reference					
71	Huderek, Richard, 2008a, Katangan Copperbelt: Google Earth KML file, accessed July-September 2009 and Oct. 2010, at <a href="http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml">http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml</a> .					

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Group Name  DepID  MRDS

Deposit Name  Property

Total Endowment

DepID	Ore(mt)	Cu(pct)	Co(pct)
129	40,000,000	0.76	

Latitude  Longitude

Country

Province

Other Names

Includes

Site Activity  Production ☐

Deposit Type  DepositSubtype

RefNo	Deposit Reference
155	African Eagle Resources plc, 2009b, Ndola Project: African Eagle Resources plc Fact Sheet, accessed March 23, 2010, at <a href="http://www.africaneagle.co.uk/downloads/Ndola_project_factsheet_08.pdf">http://www.africaneagle.co.uk/downloads/Ndola_project_factsheet_08.pdf</a> .
154	Moore, T.A., 1968, Geological map of the Ndola area, degree sheet 1228, SE quarter, to accompany report no. 20 by T.A. Moore: Zambia Geological Survey, scale 1:100,000.
76	Huderek, Richard, 2008b, <a href="#">Zambian_copperbelt.kml</a> : Google Earth KML file, accessed July 8, 2009 and Oct. 2010, at <a href="http://maps.google.com/maps/ms?hl=en&amp;gl=us&amp;ie=UTF8&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.000451715e9f065a35bbe&amp;output=kml">http://maps.google.com/maps/ms?hl=en&amp;gl=us&amp;ie=UTF8&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.000451715e9f065a35bbe&amp;output=kml</a> .

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ResID	314	DepID	129	Subpart	
Resource Category	resource			Resource Standard	
Year(s)	2009	ASCu grade		Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount	
40,000,000	0.76		Cu equivalent	Au grade	
	Cu amount	Co amount	Cu cutoff	Au amount	
			Reference Page	155 (no pagination)	

RefNo	Resources Reference
155	African Eagle Resources plc, 2009b, Ndola Project: African Eagle Resources plc Fact Sheet, accessed March 23, 2010, at <a href="http://www.africaneagle.co.uk/downloads/Ndola_project_factsheet_08.pdf">http://www.africaneagle.co.uk/downloads/Ndola_project_factsheet_08.pdf</a> .

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Group Name	<input type="text" value="Sebembere"/>	DepID	<input type="text" value="130"/>	MRDS	<input type="text"/>
Deposit Name	<input type="text" value="Sebembere"/>	Property	<input type="text"/>		
Total Endowment		Latitude	<input type="text" value="-14.3479"/>	Longitude	<input type="text" value="28.3347"/>
DepID	Ore(mt)	Cu(pct)	Co(pct)	Country	<input type="text" value="Zambia"/>
130	5,700,000	1.90		Province	<input type="text" value="Central"/>
Other Names	<input type="text" value="Mo 687"/>				
Includes	<input type="text"/>				
Site Activity	<input type="text"/>	Production	<input type="checkbox"/>		
Deposit Type	<input type="text" value="Sediment-hosted stratabound copper deposit"/>		DepositSubtype	<input type="text" value="Sandstone copper, Roan arenite"/>	

RefNo	Deposit Reference
160	Cairney, T., and Kerr, C.D., 1998, Geology of the Kabwe area—Explanation of degree sheet 1428, NW quarter: Geological Survey of Zambia Report No. 47, 40 p.
153	Kirkham, R.V., Carrière, J.J., and Rafer, A.B. comp., 2003, World distribution of sediment-hosted, stratiform copper deposits and occurrences: Geological Survey of Canada, unpublished, accessed Sept 26, 2009, at <a href="http://apps1.gdr.nrcan.gc.ca/gsc_minerals/index.phtml?language=en-CA">http://apps1.gdr.nrcan.gc.ca/gsc_minerals/index.phtml?language=en-CA</a> .
76	Huderek, Richard, 2008b, <a href="#">Zambian_copperbelt.kml</a> : Google Earth KML file, accessed July 8, 2009 and Oct. 2010, at <a href="http://maps.google.com/maps/ms?hl=en&amp;gl=us&amp;ie=UTF8&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.000451715e9f065a35bbe&amp;output=kml">http://maps.google.com/maps/ms?hl=en&amp;gl=us&amp;ie=UTF8&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.000451715e9f065a35bbe&amp;output=kml</a> .

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ResID	315	DeplD	130	Subpart	
Resource Category	resource			Resource Standard	
Year(s)	1998			ASCu grade	
				Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount	
5,700,000	1.9		Cu equivalent	Au grade	
	Cu amount	Co amount	Cu cutoff	Au amount	
Reference Page				160 (24)	

RefNo	Resources Reference
160	Cairney, T., and Kerr, C.D., 1998, Geology of the Kabwe area—Explanation of degree sheet 1428, NW quarter: Geological Survey of Zambia Report No. 47, 40 p.

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Group Name	<input type="text" value="Shamitumba"/>	DepID	<input type="text" value="131"/>	MRDS	<input type="text"/>
Deposit Name	<input type="text" value="Shamitumba"/>	Property	<input type="text"/>		
Total Endowment		Latitude	<input type="text" value="-10.958"/>	Longitude	<input type="text" value="26.6083"/>
DepID	Ore(mt)	Cu(pct)	Co(pct)	Country	<input type="text" value="Democratic Republic of the Congo"/>
131	175,000	3.30	0.700	Province	<input type="text" value="Katanga"/>
Other Names	<input type="text" value="Chamibumba, Tshamitumba"/>				
Includes	<input type="text"/>				
Site Activity	<input type="text"/>	Production	<input type="checkbox"/>		
Deposit Type	<input type="text" value="Sediment-hosted stratabound copper deposit"/>		DepositSubtype	<input type="text" value="Reduced-facies, carbonate ecaille"/>	

RefNo	Deposit Reference
117	Goossens, Pierre, 2007, Phoenix rising in an uncertain world—New mining activities in Katanga: Académie Royale des Sciences d'Outre-Mer, Bulletin des séances, v. 53, no. 3, p. 361–385.
1	François, Armand, 2006, La partie centrale de l'Arc cuprifere du Katanga; étude géologique [The central part of the Katanga Copperbelt; geologic study]: Musée Royal de l'Afrique Centrale, Tervuren African Geoscience Collection, v. 109, 61 p.
71	Huderek, Richard, 2008a, Katangan Copperbelt: Google Earth KML file, accessed July-September 2009 and Oct. 2010, at <a href="http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml">http://maps.google.com/maps/ms?ie=UTF8&amp;hl=nl&amp;oe=UTF8&amp;msa=0&amp;msid=118078989952556264569.00044e1e24afa04af0cca&amp;output=kml</a> .

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ResID	316	DeplID	131	Subpart	
Resource Category	resource		Resource Standard		
Year(s)	2007	ASCu grade		Ag grade	
Ore (mt)	Cu grade	Co grade	ASCu amount	Ag amount	
175,000	3.3	0.7	Cu equivalent	Au grade	
	Cu amount	Co amount	Cu cutoff	Au amount	
			Reference Page	117 (p. 371)	

RefNo	Resources Reference
117	Goossens, Pierre, 2007, Phoenix rising in an uncertain world—New mining activities in Katanga: Académie Royale des Sciences d'Outre-Mer, Bulletin des séances, v. 53, no. 3, p. 361–385.
1	François, Armand, 2006, La partie centrale de l'Arc cuprifere du Katanga; étude géologique [The central part of the Katanga Copperbelt; geologic study]: Musée Royal de l'Afrique Centrale, Tervuren African Geoscience Collection, v. 109, 61 p.