

Second Projet de Renforcement Institutionnel du Secteur Minier de la République Islamique de Mauritanie (PRISM-II) phase V

Open-File Report 2013–1280

[French-language materials essentially double the number of plates and text, although there may be some variation in number of text pages due to translation factors; 1:1 M scale, 1:1,000,000-scale]

Deliverable	Chapter	Subject of chapter	Suggested Citation	Plates	Text pages	Figures	Tables	Appendices	Total pages
Deliverable 51a	Chapter A1	1:1 M scale final geological map	Bradley, D.C., Motts, H.A., Horton, J.D., Giles, Stuart, and Taylor, C.D., 2015, Geologic map of Mauritania (phase V, deliverables 51a, 51b, and 51c), chap. A1 of Taylor, C.D., ed., Second projet de renforcement institutionnel du secteur minier de la République Islamique de Mauritanie (PRISM-II): U.S. Geological Survey Open-File Report 2013–1280-A1, 3 pl., scale 1:1,000,000, http://dx.doi.org/10.3133/ofr20131280 . [In English and French.]	1					
Deliverable 51b		1:1 M scale final geological map—Shaded Relief		1					
Deliverable 51c		Geologic map explanation		1					
Deliverable 52a	Chapter A2	1:1 M scale final structure map	Bradley, D.C., Horton, J.D., Motts, H.A., and Taylor, C.D., 2015, Structure map of Mauritania (phase V, deliverables 52a and 52b), chap. A2 of Taylor, C.D., ed., Second projet de renforcement institutionnel du secteur minier de la République Islamique de Mauritanie (PRISM-II): U.S. Geological Survey Open-File Report 2013–1280-A2, 2 pl., scale 1:1,000,000, http://dx.doi.org/10.3133/ofr20131280 . [In English and French.]	1					
Deliverable 52b		1:1 M scale final structure map—Shaded Relief		1					
Deliverable 53	Chapter A	Final report—Synthesis of geological, structural, petrographic, and geochronologic data	Bradley, D.C., O'Sullivan, Paul, Cosca, M.A., Motts, H.A., Horton, J.D., Taylor, C.D., Beaudoin, Georges, Lee, G.K., Ramezani, Jahan, Bradley, D.N., Jones, J.V., and Bowring, Samuel, 2015, Synthesis of geological, structural, and geochronologic data (phase V, deliverable 53), chap. A of Taylor, C.D., ed., Second projet de renforcement institutionnel du secteur minier de la République Islamique de Mauritanie (PRISM-II): U.S. Geological Survey Open-File Report 2013–1280-A, 328 p., http://dx.doi.org/10.3133/ofr20131280 . [In English and French.]		44	68	9	5	328
Deliverable 54–1	Chapter B1	1:1 M scale final crystalline basement map of Mauritania derived from filtered aeromagnetic data	Finn, C.A., and Horton, J.D., 2015, Crystalline basement map of Mauritania derived from filtered aeromagnetic data (phase V, deliverable 54_1), Aeromagnetic and geological structure map of Mauritania (phase V, deliverable 54_2), Maximum depth to basement map of Mauritania derived from Euler analysis of Aeromagnetic data (phase V, deliverable 54_3), and color composite image of radioelement data (added value), chap. B1 of Taylor, C.D., ed., Second projet de renforcement institutionnel du secteur minier de la République Islamique de Mauritanie (PRISM-II): U.S. Geological Survey Open-File Report 2013–1280-B1, 4 pl., scale 1:1,000,000, http://dx.doi.org/10.3133/ofr20131280 . [In English and French.]	1					
Deliverable 54–2		1:1 M scale final aeromagnetic and geological structures map of Mauritania		1					
Deliverable 54–3		1:1 M scale final maximum depth to basement map of Mauritania derived from Euler analysis of aeromagnetic data		1					
Added value		1:1 M scale ternary radiometric map		1					
Deliverable 55	Chapter B	Final report—Synthesis of geophysical data	Finn, C.A., and Anderson, E.D., 2015, Synthesis of geophysical data (phase V, deliverable 55), chap. B of Taylor, C.D., ed., Second projet de renforcement institutionnel du secteur minier de la République Islamique de Mauritanie (PRISM-II): U.S. Geological Survey Open-File Report 2013–1280-B, 68 p., http://dx.doi.org/10.3133/ofr20131280 . [In English and French.]		20	36	2	1	61
Deliverable 56	Chapter C	1:1 M scale final hydrogeologic map	Friedel, M.J., Finn, C.A., and Horton, J.D., 2015, Hydrogeologic map of Mauritania (deliverable 56), Synthesis of hydrologic data (phase V, deliverable 57), and chemical hydrologic map of Mauritania (added value), chap. C of Taylor, C.D., ed., Second projet de renforcement institutionnel du secteur minier de la République Islamique de Mauritanie (PRISM-II): U.S. Geological Survey Open-File Report 2013–1280-C, 28 p., 2 pl., scale 1:1,000,000, http://dx.doi.org/10.3133/ofr20131280 . [In English and French.]	1					
Added value		1:1 M scale chemical hydrogeologic map		1					
Deliverable 57		Final report—Synthesis of Geophysics/hydrogeology on groundwater potential		13	4	4		22	
Deliverable 58	Chapter D1	1:1 M scale final single–element geochemistry maps	Giles, S.A., and Eppinger, R.G., 2015, Geochemistry areas and sample sites, and multielement and single element geochemistry maps of Mauritania (phase V, deliverable 58), chap. D1 of Taylor, C.D., ed., Second projet de renforcement institutionnel du secteur minier de la République Islamique de Mauritanie (PRISM-II): U.S. Geological Survey Open-File Report 2013–1280-D1, 321 pl., scale 1:1,000,000, http://dx.doi.org/10.3133/ofr20131280 . [In English and French.]	23					
Deliverable 58		1:1 M scale final multi–element geochemistry maps		6					
Added value		1:500,000 scale single–element geochemistry maps broken down into six regions		292					

Deliverable	Chapter	Subject of chapter	Suggested Citation	Plates	Text pages	Figures	Tables	Appendices	Total pages
Deliverable 59	Chapter D	Final report—Compilation and validation of the geochemical data	Eppinger, R.G., Giles, S.A., Lee, G.K., and Smith, S.M., 2015, Database creation, data quality assessment, and geochemical maps (phase V, deliverable 58)—Final report on compilation and validation of geochemical data, chap. D of Taylor, C.D., ed., Second projet de renforcement institutionnel du secteur minier de la République Islamique de Mauritanie (PRISM-II): U.S. Geological Survey Open-File Report 2013–1280-D, 49 p., http://dx.doi.org/10.3133/ofr20131280 . [In English and French.]		19	16	8	5	52
Deliverable 60	Chapter E	Final Landsat TM image processing—Color ratio composites	Rockwell, B.W., Knepper, D.H., Jr., and Horton, J.D., 2015, Landsat maps (phase V, deliverable 60), ASTER maps (phase V, deliverable 62), ASTER_DEM maps (phase V, deliverable 63), and spectral remote sensing in support of PRISM-II mineral resource assessment project, Islamic Republic of Mauritania (phase V, deliverables 61 and 64), chap. E of Taylor, C.D., ed., Second projet de renforcement institutionnel du secteur minier de la République Islamique de Mauritanie (PRISM-II): U.S. Geological Survey Open-File Report 2013–1280-E, 85 p., 138 pl., scale 1:1,000,000, http://dx.doi.org/10.3133/ofr20131280 . [In English and French.]	63					
Deliverable 60		Final Landsat TM image processing—True color composites		63					
Deliverable 61 and 64		Final report—Synthesis and interpretation of Landsat TM and ASTER data		34	59	3	6	85	
Deliverable 62		Final images showing five ASTER priority areas and a sixth ASTER added value image		6					
Deliverable 63		Final images showing ASTER high resolution DEM's		6					
Deliverable 65	Chapter F	Final report on construction of countrywide ASTER and SRTM DEMs	Lee, G.K., 2015, Countrywide Digital Elevation Models for Mauritania—SRTM and ASTER (phase V, deliverable 65), chap. F of Taylor, C.D., ed., Second projet de renforcement institutionnel du secteur minier de la République Islamique de Mauritanie (PRISM-II): U.S. Geological Survey Open-File Report 2013–1280-F, 7 p., 2 pl., scale 1:1,000,000, http://dx.doi.org/10.3133/ofr20131280 . [In English and French.]		2	4			7
Deliverable 65		Final 1:1 M scale SRTM DEM		1					
Deliverable 65		Final 1:1 M scale ASTER DEM		1					
Deliverable 66	Chapter G1	1:1 M scale final map of areas favorable for PGE, Ni, Cu, and Cr deposits	Taylor, C.D., and Horton, J.D., 2015, Permissive tracts for nickel, copper, platinum group elements (PGE), and chromium deposits of Mauritania (phase V, deliverable 66), chap. G1 of Taylor, C.D., ed., Second projet de renforcement institutionnel du secteur minier de la République Islamique de Mauritanie (PRISM-II): U.S. Geological Survey Open-File Report 2013–1280-G1, 1 pl., scale 1:1,000,000, http://dx.doi.org/10.3133/ofr20131280 . [In English and French.]	1					
Deliverable 67	Chapter G	Final report—Areas favorable for PGE, Ni, Cu, and Cr deposits	Taylor, C.D., Marsh, E.E., and Anderson, E.D., 2015, Mineral potential for Ni, Cu, PGE, and Cr deposits hosted in ultramafic rocks in the Islamic Republic of Mauritania (phase V, deliverable 67), chap. G of Taylor, C.D., ed., Second projet de renforcement institutionnel du secteur minier de la République Islamique de Mauritanie (PRISM-II): U.S. Geological Survey Open-File Report 2013–1280-G, 85 p., http://dx.doi.org/10.3133/ofr20131280 . [In English and French.]		30	26	2		85
Deliverable 68	Chapter H1	1:1 M scale final map of areas favorable for orogenic, Carlin-like, and epithermal gold deposits	Goldfarb, R.J., Marsh, E.E., and Horton, J.D., 2015, Mineral potential tracts for orogenic, Carlin-like, and epithermal gold deposits in the Islamic Republic of Mauritania, (phase V, deliverable 68), chap. H1 of Taylor, C.D., ed., Second projet de renforcement institutionnel du secteur minier de la République Islamique de Mauritanie (PRISM-II): U.S. Geological Survey Open-File Report 2013–1280-H1, 1 pl., scale 1:1,000,000, http://dx.doi.org/10.3133/ofr20131280 . [In English and French.]	1					
Deliverable 69	Chapter H	Final report—Areas favorable for orogenic, Carlin-like, and epithermal gold deposits	Goldfarb, R.J., Marsh, E.E., Anderson, E.D., Horton, J.D., Finn, C.A., and Beaudoin, Georges, 2015, Mineral potential tracts for orogenic, Carlin-like, and epithermal gold deposits in the Islamic Republic of Mauritania, (phase V, deliverable 69), chap. H of Taylor, C.D., ed., Second projet de renforcement institutionnel du secteur minier de la République Islamique de Mauritanie (PRISM-II): U.S. Geological Survey Open-File Report 2013–1280-H, 22 p., http://dx.doi.org/10.3133/ofr20131280 . [In English and French.]		12	4	3		19

Deliverable	Chapter	Subject of chapter	Suggested Citation	Plates	Text pages	Figures	Tables	Appendices	Total pages
Deliverable 70	Chapter II	1:1 M scale final map of areas favorable for polymetallic Pb-Zn-Cu vein deposits	Beaudoin, Georges, and Horton, J.D., 2015, Permissive tracts for orogenic and epithermal gold deposits in Mauritania (phase V, deliverable 70), chap. II of Taylor, C.D., ed., Second projet de renforcement institutionnel du secteur minier de la République Islamique de Mauritanie (PRISM-II): U.S. Geological Survey Open-File Report 2013–1280-II, 1 pl., scale 1:1,000,000, http://dx.doi.org/10.3133/ofr20131280 . [In English and French.]	1					
Deliverable 71	Chapter I	Final report of areas favorable for polymetallic Pb-Zn-Cu vein deposits	Beaudoin, Georges, 2015, Mineral potential tracts for polymetallic Pb-Zn-Cu vein deposits (phase V, deliverable 71), chap. I of Taylor, C.D., ed., Second projet de renforcement institutionnel du secteur minier de la République Islamique de Mauritanie (PRISM-II): U.S. Geological Survey Open-File Report 2013–1280-I, 10 p., http://dx.doi.org/10.3133/ofr20131280 . [In English and French.]		5	5	1		10
Deliverable 72	Chapter J1	1:1 M scale final map of areas favorable for sediment-hosted Pb-Zn-Ag deposits of the SEDEX and Mississippi Valley-type	Mauk, J.L., and Horton, J.D., 2015, Permissive tracts for sediment-hosted lead-zinc-silver deposits in Mauritania (phase V, deliverable 72), chap. J1 of Taylor, C.D., ed., Second projet de renforcement institutionnel du secteur minier de la République Islamique de Mauritanie (PRISM-II): U.S. Geological Survey Open-File Report 2013–1280-J1, 1 pl., scale 1:1,000,000, http://dx.doi.org/10.3133/ofr20131280 . [In English and French.]	1					
Deliverable 73	Chapter J	Final report—Areas favorable for sediment-hosted Pb-Zn-Ag deposits of the SEDEX and Mississippi Valley-type	Mauk, J.L., 2015, Mineral potential tracts for sediment-hosted Pb-Zn-Ag deposits of the SEDEX and Mississippi Valley-type (phase V, deliverable 73), chap. J of Taylor, C.D., ed., Second projet de renforcement institutionnel du secteur minier de la République Islamique de Mauritanie (PRISM-II): U.S. Geological Survey Open-File Report 2013–1280-J, 13 p., http://dx.doi.org/10.3133/ofr20131280 . [In English and French.]		9	4			13
Deliverable 74	Chapter K1	1:1 M scale final map of areas favorable for sediment-hosted copper deposits	Taylor, C.D., and Horton, J.D., 2015, Permissive tracts for sediment-hosted copper deposits in Mauritania (phase V, deliverable 74), chap. K1 of Taylor, C.D., ed., Second projet de renforcement institutionnel du secteur minier de la République Islamique de Mauritanie (PRISM-II): U.S. Geological Survey Open-File Report 2013–1280-K1, 1 pl., scale 1:1,000,000, http://dx.doi.org/10.3133/ofr20131280 . [In English and French.]	1					
Deliverable 75	Chapter K	Final report – areas favorable for Sediment–hosted Copper deposits	Taylor, C.D., and Giles, S.A., 2015, Mineral potential for sediment-hosted copper deposits in the Islamic Republic of Mauritania (phase V, deliverable 75), chap. K of Taylor, C.D., ed., Second projet de renforcement institutionnel du secteur minier de la République Islamique de Mauritanie (PRISM-II): U.S. Geological Survey Open-File Report 2013–1280-K, 49 p., http://dx.doi.org/10.3133/ofr20131280 . [In English and French.]		23	25	1		49
Deliverable 76	Chapter L1	1:1 M scale final map of areas favorable for volcanogenic massive sulfide deposits	Taylor, C.D., and Horton, J.D., 2015, Permissive tracts for volcanogenic massive sulfide deposits in Mauritania (phase V, deliverable 76), chap. L1 of Taylor, C.D., ed., Second projet de renforcement institutionnel du secteur minier de la République Islamique de Mauritanie (PRISM-II): U.S. Geological Survey Open-File Report 2013–1280-L1, 1 pl., scale 1:1,000,000, http://dx.doi.org/10.3133/ofr20131280 . [In English and French.]	1					
Deliverable 77	Chapter L	Final report—Areas favorable for volcanogenic massive sulfide deposits	Taylor, C.D., and Giles, S.A., 2015, Mineral potential for volcanogenic massive sulfide deposits in the Islamic Republic of Mauritania, (phase V, deliverable 77), chap. L of Taylor, C.D., ed., Second projet de renforcement institutionnel du secteur minier de la République Islamique de Mauritanie (PRISM-II): U.S. Geological Survey Open-File Report 2013–1280-L, 70 p., http://dx.doi.org/10.3133/ofr20131280 . [In English and French.]		45	17	2		70
Deliverable 78	Chapter M1	1:1 M scale final map of areas favorable for iron oxide-copper-gold deposits	Fernette, G.L., and Horton, J.D., 2015, Permissive tracts for iron oxide copper-gold deposits in Mauritania (phase V, deliverable 78), chap. M1 of Taylor, C.D., and Lee, G.K., Second projet de renforcement institutionnel du secteur minier de la République Islamique de Mauritanie (PRISM-II): U.S. Geological Survey Open-File Report 2013–1280-M1, 1 pl., scale 1:1,000,000, http://dx.doi.org/10.3133/ofr20131280 . [In English and French.]	1					

Deliverable	Chapter	Subject of chapter	Suggested Citation	Plates	Text pages	Figures	Tables	Appendices	Total pages
Deliverable 79	Chapter M	Final report—Areas favorable for iron oxide-copper-gold deposits	Fernette, G.L., 2015, Iron oxide copper-gold deposits in Mauritania (phase V, deliverable 79), chap. M of Taylor, C.D., and Lee, G.K., Second projet de renforcement institutionnel du secteur minier de la République Islamique de Mauritanie (PRISM-II): U.S. Geological Survey Open-File Report 2013–1280-M, 21 p., http://dx.doi.org/10.3133/ofr20131280 . [In English and French.]		15	5	1		21
Deliverable 80	Chapter N1	1:1 M scale final map of areas favorable for sediment-hosted uranium deposits	Fernette, G.L., and Horton, J.D., 2015, Permissive tracts for uranium deposits in Mauritania (phase V, deliverable 80), chap. N1 of Taylor, C.D., ed., Second projet de renforcement institutionnel du secteur minier de la République Islamique de Mauritanie (PRISM-II): U.S. Geological Survey Open-File Report 2013–1280-N, 1 pl., scale 1:1,000,000, http://dx.doi.org/10.3133/ofr20131280 . [In English and French.]	1					
Deliverable 81	Chapter N	Final report—Areas favorable for sediment-hosted uranium deposits	Fernette, G.L., 2015, Uranium in Mauritania (phase V, deliverable 81), chap. N of Taylor, C.D., ed., Second projet de renforcement institutionnel du secteur minier de la République Islamique de Mauritanie (PRISM-II): U.S. Geological Survey Open-File Report 2013–1280-N, 55 p., http://dx.doi.org/10.3133/ofr20131280 . [In English and French.]		37	18	9	1	55
Deliverable 82	Chapter O1	1:1 M scale final map of areas favorable for Superior-type iron deposits	Taylor, C.D., and Horton, J.D., 2015, Permissive tracts for algal-, superior-, and oolitic-type iron deposits in Mauritania (phase V, deliverable 82), chap. O1 of Taylor, C.D., ed., Second projet de renforcement institutionnel du secteur minier de la République Islamique de Mauritanie (PRISM-II): U.S. Geological Survey Open-File Report 2013–1280-O1, 1 pl., scale 1:1,000,000, http://dx.doi.org/10.3133/ofr20131280 . [In English and French.]	1					
Deliverable 83	Chapter O	Final report—Areas favorable for Superior-type iron deposits	Taylor, C.D., Finn, C.A., Anderson, E.D., Joud, M.Y., Taleb Mohamed, Ahmed, and Horton, J.D., 2015, Algal-, Superior-, and oolitic-type iron deposits of Mauritania (phase V, deliverable 83), chap. O of Taylor, C.D., ed., Second projet de renforcement institutionnel du secteur minier de la République Islamique de Mauritanie (PRISM-II): U.S. Geological Survey Open-File Report 2013–1280-O, 96 p., http://dx.doi.org/10.3133/ofr20131280 . [In English and French.]		48	70			95
Deliverable 84	Chapter P1	1:1 M scale final map of areas favorable for Shoreline placer Ti deposits	Beaudoin, Georges, and Horton, J.D., 2015, Permissive tracts for shoreline placer titanium deposits in Mauritania (phase V, deliverable 84), chap. P1 of Taylor, C.D., ed., Second projet de renforcement institutionnel du secteur minier de la République Islamique de Mauritanie (PRISM-II): U.S. Geological Survey Open-File Report 2013–1280-P1, 1 pl., scale 1:1,000,000, http://dx.doi.org/10.3133/ofr20131280 . [In English and French.]	1					
Deliverable 85	Chapter P	Final report—Areas favorable for Shoreline placer Ti deposits	Beaudoin, Georges, 2015, Mineral potential tracts for shoreline Ti-Zr placer deposits (phase V, deliverable 85), chap. P of Taylor, C.D., ed., Second projet de renforcement institutionnel du secteur minier de la République Islamique de Mauritanie (PRISM-II): U.S. Geological Survey Open-File Report 2013–1280-P, 11 p., http://dx.doi.org/10.3133/ofr20131280 . [In English and French.]		4	5	1	1	10
Deliverable 86	Chapter Q1	1:1 M scale final map of areas favorable for U-Th-REE deposits hosted in alkaline rocks and carbonatite deposits	Taylor, C.D., and Horton, J.D., 2015, Permissive tracts for incompatible element deposits hosted in pegmatites, alkaline rocks, and carbonatites in Mauritania (phase V, deliverable 86), chap. Q1 of Taylor, C.D., ed., Second projet de renforcement institutionnel du secteur minier de la République Islamique de Mauritanie (PRISM-II): U.S. Geological Survey Open-File Report 2013–1280-Q1, 1 pl., scale 1:1,000,000, http://dx.doi.org/10.3133/ofr20131280 . [In English and French.]	1					
Deliverable 87	Chapter Q	Final report—Areas favorable for U-Th-REE deposits hosted in alkaline rocks and carbonatite deposits	Taylor, C.D., and Giles, S.A., 2015, Mineral potential for incompatible element deposits hosted in pegmatites, alkaline rocks, and carbonatites in the Islamic Republic of Mauritania (phase V, deliverable 87), chap. Q of Taylor, C.D., ed., Second projet de renforcement institutionnel du secteur minier de la République Islamique de Mauritanie (PRISM-II): U.S. Geological Survey Open-File Report 2013–1280-Q, 42 p., http://dx.doi.org/10.3133/ofr20131280 . [In English and French.]		23	13	4		42

Deliverable	Chapter	Subject of chapter	Suggested Citation	Plates	Text pages	Figures	Tables	Appendices	Total pages
Deliverable 88	Chapter R1	1:1 M scale final map of areas favorable for industrial mineral deposits	Langer, W.H., and Horton, J.D., 2015, Reported industrial minerals occurrences and permissive areas for other occurrences in Mauritania (phase V, deliverable 88), chap. R1 of Taylor, C.D., ed., Second projet de renforcement institutionnel du secteur minier de la République Islamique de Mauritanie (PRISM-II): U.S. Geological Survey Open-File Report 2013–1280-R1, 1 pl., scale 1:1,000,000, http://dx.doi.org/10.3133/ofr20131280 . [In English and French.]	1					
Deliverable 89	Chapter R	Final report—Areas favorable for industrial mineral deposits	Langer, W.H., 2015, Potential for industrial mineral development (phase V, deliverable 89), chap. R of Taylor, C.D., ed., Second projet de renforcement institutionnel du secteur minier de la République Islamique de Mauritanie (PRISM-II): U.S. Geological Survey Open-File Report 2013–1280-R, 25 p., http://dx.doi.org/10.3133/ofr20131280 . [In English and French.]		16	6	5		22
Deliverable 90	Chapter S	Final Microsoft Access database for Mauritania mineral deposits	Marsh, E.E., Anderson, E.D., 2015, Database of mineral deposits in the Islamic Republic of Mauritania (phase V, deliverables 90 and 91), chap. S of Taylor, C.D., ed., Second projet de renforcement institutionnel du secteur minier de la République Islamique de Mauritanie (PRISM-II): U.S. Geological Survey Open-File Report 2013–1280-S, 9 p., Access database, http://dx.doi.org/10.3133/ofr20131280 . [In English and French.]						
Deliverable 91		Final report—Evaluation and integration of previous mineral deposit databases for Mauritania		4	5	1	9		
Deliverable 92	Chapter T	Final GIS containing all derivative layers created during the Phase-II activities	Horton, J.D., 2015, Geographic Information Systems (GIS) for la République Islamique de Mauritanie (PRISM-II) phase V (phase V, deliverable 92), chap. T of Taylor, C.D., ed., Second projet de renforcement institutionnel du secteur minier de la République Islamique de Mauritanie (PRISM-II): U.S. Geological Survey Open-File Report 2013–1280-T, GIS database, http://dx.doi.org/10.3133/ofr20131280 . [In English and French.]	GIS project contains approximately 100 files.					
Totals				484	403	390	56	19	1055