U. S. DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
224 New Customhouse
Denver 2, Colorado

September 6, 1957

Memorandum

To: Chairman, Operating Committee, DMEA
From: Executive Officer, DMEA Field Team, Region III
Subject: Royalty Payments, Docket DMEA-3649 (Uranium) Contract Idm-E812, Simpson Mining Company, et al, (Rajah Claim) Mesa County, Colorado
Period: August, 1957

Enclosed are settlement sheets for which royalty payments were received for ore or concentrates shipped from the subject property during the above month:

Date	Lot No.	Dry Tons	Royalty Due	Royalty Paid	Bonus Roy. Due	Bonus Roy. Pd.
8/2/57	7483	179.329	$335.59	$335.59	No bonus due	
8/5/57	7502	2165.315	71.89	71.89	"	"
Totals:		2,344.644	$407.48	$407.48		

OFFICIAL FILE COPY
D M E A
RECEIVED SEP 16 1957
DATE | CODE
9-16 C 220
" 700

Past Due Royalties Collected None

Total Dry Tons (Ore or Cons.) Shipped to Date 14,954.871

E. M. Hendman
Acting Executive Officer

Chron
cc: Royalty File E 812 w/settlement sheets
Monthly Royalty Payment File
hmh

28

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide [redacted] Corporation

ORE SETTLEMENT

Receiving Station Rifle, Colorado Grand Junction, [redacted] Colorado August 2 1957
Liquidation No. 7483 Lot No. See load detail Shippers Lot No.
Bought of Hamilton, Harris, McDavid, Phillips, Todd and Simpson Mining Co A.E.C. License No. P-2856
Address c/o Simpson Mining Co., Box 127, Grand Jct, Colo.
Type of Ore Carnotite Date Received 7-1-57 thru 7-31-57
Mining Claim Rajah #8 Mining District Gateway-Beaver Mesa Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
	380640	5.8	358657.00	appr. average 0.25	1.30		902.32	4661.03	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	902.32	3.50	179.33		3158.12	
Development Allowance	902.32	.50	179.33		451.16	
Excess 4 lbs. per ton Premium	185.00	.75	179.33		138.75	
Excess 10 lbs. per ton Premium						
Total U308 Payment						3748.03
V205 Payment	4661.03	.31	179.33		1444.92	
Total V205 Payment						1444.92
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 133 Miles 190.32 Wet Tons @ .04 per wet ton mile						1518.75
Total U3O8, V2O5 and Haulage Payment (3701)						6711.70

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the Ore described in this Settlement Sheet and have legal right to deliver the same to the Union Carbide Nuclear Company, [redacted] Division of Union Carbide [redacted] Corporation.

I certify that I hold the A. E. C. Source Material License numbered above.

I hereby transfer to the Union Carbide Nuclear Company, [redacted] Division of Union Carbide [redacted] Corporation, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore.

The amount set opposite "Total U308, V2O5 and Haulage Payment" shown above constitutes the entire amount payable to me in respect of ore deliveries described herein and is accepted by me in full payment thereof.

I request that payment be made on the basis of the average of moisture contents, of U308 contents and of V205 contents of the several loads delivered and covered by this settlement.

Voucher Number	Date
Check Number 5223	Date 8-2-57
Approved for Payment	

Seller or Agent

DAILY SENTINEL COM'L PTG. DEPT.

Q

E 812

-5 the Sentinel Printers

UNION CARBIDE NUCLEAR COMPANY
Division of Union Carbide Corporation

Rifle, COLORADO

Purchased Ore LOAD DETAIL

PERIOD 7-1 thru 7-15

NAME Hamilton, Harris McDaniel, Phillips, Ladd and Simpson Mining Co. ADDRESS

CLAIM Rajah 68

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	% H_2O	POUNDS DRY ORE	GRADE U_3O_8	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5	$CaCO_3$ GRADE	POUNDS $CaCO_3$
7-1	57254	29960	4.9	28491.96	0.17	48.44	0.90	256.43	3.9	1111.19
7-2	57291	31920	5.3	30228.24	0.24	72.55	0.92	278.10	3.4	1027.75
7-7	57430	31160	6.2	29228.08	0.18	52.61	1.08	315.66	3.0	876.84
7-8	57469	29220	6.0	27466.80	0.32	87.89	1.01	277.41	3.4	933.87
7-9	57494	31360	5.2	29729.28	0.27	80.27	0.80	237.83	4.4	1308.09
7-10	57527	32280	5.6	30472.32	0.23	70.09	1.32	402.23	4.1	1249.37
7-12	57559	41800	6.8	38957.60	0.33	128.56	1.68	654.49	4.1	1597.26
7-12	57586	32260	5.4	30517.96	0.33	100.71	1.68	512.70	4.8	1464.86
7-13	57597	40460	6.1	37991.94	0.23	87.38	1.52	577.48	4.8	1823.68
7-13	57614	46860	6.5	43814.10	0.23	100.77	1.52	665.97	4.8	2103.08
7-14	57635	33360	4.8	31758.72	0.23	73.05	1.52	482.73	4.8	1524.42
		380640	5.8	358657.00	0.25	902.32	1.30	4661.03	4.2	15020.34

TOTAL

2 ~~1~~

UNION CARBIDE NUCLEAR COMPANY
[redacted] Division of Union Carbide [redacted] Corporation

ORE SETTLEMENT

Receiving Station Uravan, Colorado — Grand Junction, [redacted] Colorado, August 5, 1957
Liquidation No. 7502 — Lot No. — Shippers Lot No.
Bought of Hamilton, Harris, McDaniel, Phillips, Ladd & — A.E.C. License No. P 28516
Address Simpson Mining Co. Box 127 Grand Junction, Colo.
Type of Ore Carnotite — Date Received 1-1 thru 7-31-57
Mining Claim Hayes 67 & 68 — Mining District Gateway-Beaver Mesa — Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
	4516860	4.1	4330630.02	0.30	1.27		13035.88	54884.72	

PRICED PER A.E.C. CIRCULAR NO. 5 (revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	13035.88	3.50	2165.32		45625.58	
Development Allowance	13035.88	.50	2165.32		6517.94	
Excess 4 lbs. per ton Premium	4374.60	.75	2165.32		3280.95	
Excess 10 lbs. per ton Premium						
Total U308 Payment						55424.47
V205 Payment	54884.72	.31	2165.32		17014.26	
Total V205 Payment						17014.26
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___% — ___% = ___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance ___ Miles 2258.43 Net Tons $5.50 per wet ton [redacted]						12421.37
Total U3O8, V2O5 and Haulage Payment						84860.10

DMEA
DEPARTMENT OF THE INTERIOR
AUG 20 1957
REGION III
DENVER, COLORADO

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the Ore described in this Settlement Sheet and have legal right to deliver the same to the Union Carbide Nuclear Company, [redacted] Division of Union Carbide [redacted] Corporation.

I certify that I hold the A. E. C. Source Material License numbered above.

I hereby transfer to the Union Carbide Nuclear Company, [redacted] Division of Union Carbide [redacted] Corporation, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore.

The amount set opposite "Total U308, V2O5 and Haulage Payment" shown above constitutes the entire amount payable to me in respect of ore deliveries described herein and is accepted by me in full payment thereof.

I request that payment be made on the basis of the average of moisture contents, of U308 contents and of V205 contents of the several loads delivered and covered by this settlement.

Voucher Number	Date
Check Number 8558	Date 8-7-57
Approved for Payment	

Seller or Agent

DAILY SENTINEL COM'L PTG. DEPT.

EH

E-812

1-56—5M the Sentinel Printers

UNION CARBIDE NUCLEAR COMPANY

Division of Union Carbide Corporation

Uravan, COLORADO

Purchased Ore LOAD DETAIL

INSERT GRADE

PERIOD 7-1 7-31-57

NAME Simpson Mining Co. ADDRESS Grand Junction, Colo.

CLAIM Rajah #68

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	LAB. ASSAY NO.	PER CENT MOISTURE	POUNDS DRY ORE	GRADE U_3O_8	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5
7-1	96805	51520	723457	2.9	50025.92	0.22	110.06	0.87	435.23
7-1	95496	33200	✓	2.4	32403.20	0.22	71.29	0.87	281.91
7-1	96809	47040	✓	3.2	45534.72	0.22	100.18	0.87	396.15
7-1	96810	55020	✓	2.5	53644.50	0.22	118.02	0.87	466.71
7-1	96811	49680	✓	2.5	48438.00	0.22	106.56	0.87	421.41
7-1	96812	41740	✓	2.4	40738.24	0.22	89.62	0.87	354.42
7-2	96817	43620	✓	2.8	42398.64	0.19	80.56	0.77	326.47
7-2	96818	45120	✓	3.5	43540.80	0.26	113.21	0.95	413.64
7-2	96819	48020	✓	3.5	46339.30	0.26	120.48	0.95	440.22
7-6	96835	50180	726457	2.4	48975.68	0.20	97.95	0.34	166.52
7-7	96845	51360	✓	5.4	48586.56	0.30	145.76	1.32	641.34
7-8	96850	45360	729457	3.7	43681.68	0.20	87.36	0.87	380.03
7-8	96851	49220	✓	2.3	46133.94	0.19	87.65	0.86	396.75
7-8	96852	47860	✓	3.6	46137.04	0.19	87.66	0.85	392.16
7-8	96853	49920	✓	3.5	48172.80	0.22	105.98	0.98	472.09
7-8	96856	46480	✓	4.1	44574.32	0.16	71.32	0.79	352.14
7-8	96857	49580	✓	4.4	47398.48	0.23	109.02	1.14	540.34
7-9	95994	31920	729457	4.6	30451.68	0.14	42.63	0.75	228.39
7-9	95997	36200	729457	3.8	34824.40	0.15	52.24	0.61	212.43
7-10	96885	42460	731457	3.7	40888.98	0.16	65.42	0.72	294.40
7-10	96889	46820	✓	3.9	44994.02	0.16	71.99	0.67	301.46
7-10	96890	49480	739457	4.3	47352.36	0.18	85.23	0.83	393.02
TOTAL									

1-56—5M the Scptinel Printers

UNION CARBIDE NUCLEAR COMPANY

Division of Union Carbide Corporation

Uravan, COLORADO

Purchased Ore LOAD DETAIL

INSERT GRADE

PERIOD 7-1 7-31-57

NAME Simpson Mining Co. ADDRESS Grand Junction, Colo

CLAIM Rajah #68

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	LAB. ASSAY NO.	PER CENT MOISTURE	POUNDS DRY ORE	GRADE U_3O_8	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5
7-10	96891	52000	731457	3.9	49972.00	0.16	79.96	0.67	334.81
7-10	96894	48880	740457	3.6	47120.32	0.25	117.80	1.12	527.75
7-10	96896	51360	✓	3.6	49511.04	0.22	108.92	0.75	371.33
7-13	96915	39840	741457	4.9	37887.84	0.16	60.62	1.30	492.54
7-13	96918	52640	✓	3.9	50587.04	0.21	106.23	1.50	758.81
7-13	96919	54140	✓	4.1	51920.26	0.14	72.69	0.86	446.51
7-14	96932	48960	747457	3.1	47442.24	0.18	85.40	0.96	455.45
7-15	96936	57320	✓	4.2	54912.56	0.18	98.84	1.09	598.55
7-15	96937	49920	✓	4.1	47873.28	0.17	81.38	1.16	555.33
7-15	96945	51960	757457	2.8	50505.12	0.18	90.91	0.98	494.95
7-11 (6-17)	93849	42360	740457	6.4	39648.96	0.21	83.26	0.82	325.12
7-11 (6-17)	93863	47760	✓	4.4	45658.56	0.21	95.88	0.82	374.40
		1606940			1548274.48		3107.08		14047.78
7-16	96954	43640	796457	3.7	42075.32	0.24	100.86	1.50	630.38
7-16	96955	47460	✓	3.4	45846.36	0.24	110.03	1.50	687.70
7-16	96956	47160	✓	3.7	45415.08	0.24	109.00	1.50	681.23
7-16	96957	51240	✓	2.0	50215.20	0.24	120.52	1.50	753.23
7-16	96959	50120	✓	3.5	48365.80	0.24	116.08	1.50	725.49
7-16	96963	52520	✓	4.1	50366.68	0.24	120.88	1.50	755.50
7-17	96968	52300	✓	3.8	50312.60	0.19	95.59	1.26	633.94
7-17	96976	54320	✓	4.8	51712.64	0.38	196.51	1.35	698.12
7-17	96979	47580	✓	4.5	45438.90	0.30	136.32	1.24	563.44
7-18	96981	55040	785457	6.3	51572.48	0.29	149.56	1.18	608.56
TOTAL									

B

p. 2

1-50—6M the Sentinel Printers

UNION CARBIDE NUCLEAR COMPANY

Division of Union Carbide Corporation

Uravan, COLORADO

Purchased Ore LOAD DETAIL

INSERT GRADE

PERIOD 7-1 7-31-57

NAME Simpson Mining Co ADDRESS Grand Jct. Colo.

CLAIM Rapid #68

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	LAB. ASSAY NO.	PER CENT MOISTURE	POUNDS DRY ORE	GRADE U_3O_8	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5
7-18	96982	50040	785457	6.3	48761.48	0.29	141.41	1.18	575.39
7-18	96983	52740	✓	3.3	50999.58	0.36	183.60	1.28	652.79
7-18	96984	52520	✓	3.3	50786.84	0.36	182.83	1.28	650.07
7-18	96991	50600	✓	4.9	48120.60	0.29	139.55	1.18	567.82
7-18	96992	52720	✓	4.8	50189.44	0.29	145.55	1.18	592.24
7-18	96993	54780	✓	4.8	52150.56	0.29	151.24	1.18	615.38
7-19	97001	62220	✓	4.5	59420.10	0.33	196.09	1.35	802.17
7-23	97641	29160	789457	8.2	26768.88	0.24	64.25	1.16	310.52
7-23	97021	55080	✓	7.4	51004.08	0.27	137.71	1.31	668.15
7-23	97022	48280	✓	7.0	44900.40	0.25	112.25	1.30	583.71
7-23	97024	54080	792457	4.1	51862.72	0.24	124.47	1.49	772.75
7-23	97025	50240	✓	4.3	48079.68	0.24	115.39	1.61	774.08
7-24	97029	53400	789457	5.6	50409.60	0.30	151.23	1.18	594.83
7-24	97030	49400	✓	5.6	46633.60	0.30	139.90	1.18	550.28
7-24	97036	54000	✓	4.0	51840.00	0.28	145.15	1.24	642.82
7-24	97037	47060	✓	4.4	44989.36	0.34	152.96	1.25	562.37
7-26	97054	52260	801457	3.9	50221.86	0.52	261.15	1.54	773.42
7-27	97057	48580	808457	4.3	46491.06	0.50	232.46	1.87	869.38
7-27	97058	53620	✓	3.8	51582.44	0.59	304.34	2.16	1114.18
7-27	97060	57260	✓	3.8	55084.12	0.53	291.95	1.75	963.97
7-27	97062	55420	✓	4.8	52759.84	0.51	269.08	1.95	1028.82
7-27	97063	48360	✓	5.1	45893.64	0.51	234.06	2.02	927.05
TOTAL									

1-56—5M the Sentinel Printers

UNION CARBIDE NUCLEAR COMPANY

Division of Union Carbide Corporation

Uravan, COLORADO

Purchased Ore LOAD DETAIL

INSERT GRADE

PERIOD 7-1 7-31-57

NAME Simplex Mining Co. ADDRESS Grand Jct. Colo.

CLAIM Rajah #68

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	LAB. ASSAY NO.	PER CENT MOISTURE	POUNDS DRY ORE	GRADE U_3O_8	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5
7-27	97064	51360	809457	5.1	48740.64	0.51	248.58	2.02	984.56
7-29	97072	39520	✓	3.2	38255.36	0.53	202.75	1.48	566.18
7-29	97073	46080	✓	3.1	44651.52	0.43	192.00	1.39	620.66
7-29	97074	46160	✓	3.2	44682.88	0.53	236.82	1.48	661.31
7-29	97077	60880	✓	4.1	58383.92	0.37	216.02	1.80	1050.91
7-29	97082	50300	✓	4.7	47935.90	0.44	210.92	1.34	642.34
7-29	97083	48780	✓	4.7	46487.34	0.44	204.54	1.34	622.93
7-30	98285	24400	810457	3.3	23594.80	0.40	94.38	1.36	320.89
7-30	98286	24000	✓	3.3	23208.00	0.40	92.83	1.36	315.63
7-30	98301	30480	✓	3.6	29382.72	0.46	135.16	1.63	478.84
7-30	98302	29920	✓	3.6	28842.88	0.46	132.68	1.63	470.14
7-30	97093	46620	810457	4.5	44522.10	0.40	178.09	1.37	609.95
7-30	97096	65600	✓	3.7	63172.80	0.42	265.33	1.56	985.50
7-30	97097	59580	✓	3.8	57315.96	0.40	229.26	1.50	859.74
7-30	97100	48260	✓	3.4	46619.16	0.44	205.12	1.67	778.54
7-30	97103	52960	✓	3.8	50947.52	0.44	224.17	1.38	703.08
7-31	98805	34200	✓	5.7	32250.60	0.26	83.85	2.21	390.23
7-31	98806	31520	✓	4.3	30164.64	0.29	87.48	1.64	494.70
7-31	98821	32840	✓	3.9	31559.24	0.32	100.99	1.47	463.92
7-31	98822	28040	✓	3.9	26946.44	0.32	86.23	1.47	396.11
7-31	98870	29560	✓	4.3	28288.92	0.26	73.55	1.21	342.30
7-31	98871	27480	✓	4.3	26298.36	0.26	68.38	1.21	318.21
TOTAL									

1-56—AM, the Sentinel Printers

UNION CARBIDE NUCLEAR COMPANY

[redacted] Division of Union Carbide [redacted] Corporation

Uravan, COLORADO

Purchased Ore LOAD DETAIL

INSERT GRADE

PERIOD 7-1 7-31-57

NAME Simpson Mining Co. ADDRESS Grand Jct. Colo

CLAIM Rajah #68

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	LAB. ASSAY NO.	PER CENT MOISTURE	POUNDS DRY ORE	GRADE U_3O_8	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5
7-31	98872	27280	/	4.1	26161.52	0.26	68.02	1.21	316.55
7-31	98873	27240	/	4.1	26123.16	0.26	67.92	1.21	316.09
7-31	97110	51600	/	5.6	48710.40	0.37	180.23	1.61	784.24
7-31	97111	51700	/	4.4	49425.20	0.43	212.53	1.85	914.37
7-31	97114	49340	/	3.5	47613.10	0.36	171.41	1.43	680.87
7-31	97118	49180	/	5.3	46573.46	0.41	190.95	1.62	754.49
7-31	97120	53060	/	4.0	50937.60	0.34	173.19	1.74	886.31
7-31	97123	56780	/	4.3	54338.46	0.31	168.45	1.44	782.47
		4516860		4.1	4330630.02	0.30	13035.88	1.27	54884.72

TOTAL

U. S. DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
224 New Customhouse
Denver 2, Colorado

August 7, 1957

Memorandum

To: Chairman, Operating Committee, DMEA
From: Executive Officer, DMEA Field Team, Region III
Subject: Royalty Payments, Docket DMEA 3649 (Uranium) Contract Idm-E812, Simpson Mining Company, et al, (Rajah Group of claims), Mesa County, Colorado
Period: July 1957

Enclosed are settlement sheets for which royalty payments were received for ore or concentrates shipped from the subject property during the above month:

Date	Lot No.	Dry Tons	Royalty Due	Royalty Paid	Bonus Roy. Due	Bonus Roy. Pd.
7/5/57	7431	727.393	$1615.28	$1615.28	No bonus due	
7/5/57	7451	954.494	1526.19	1526.19	"	"
Totals:		1681.887	$3141.47	$3141.47		

OFFICIAL FILE COPY
DMEA
RECEIVED AUG 9 1957

DATE	INITIALS	CODE
8/9	G.K.	220
"	~~FMM~~	~~700~~

Past Due Royalties Collected None

Total Dry Tons (Ore or Cons.) Shipped to Date 12,610.227

E. M. Hawkman
Acting Executive Officer

Chron
cc: Royalty File E 812 w/settlement sheets
~~Monthly Royalty Payment File~~
hmh

2 EH

UNION CARBIDE NUCLEAR COMPANY
Division of Union Carbide [redacted] Corporation

ORE SETTLEMENT

Grand Junction, [redacted] Colorado July 5 1957

Receiving Station Rifle, Colorado
Liquidation No. 7431 Lot No. See load detail Shippers Lot No.
Bought of Hamilton Harris, M David Phillips, Todd Simpson A.E.C. License No. P-2856
Address Mining Company Box 127 Grand Junction, Colorado
Type of Ore Carnotite Date Received 6-1 6-30-57
Mining Claim Rajah 68 Mining District Gateway Beaver Mesa Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8 approx	V_2O_5 average	$CaCO_3$	CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_3$
	1537140	5.4	1454785.24	0.32	1.09	—	4717.69	15881.72	

PRICED PER A.E.C. CIRCULAR NO. 5 (revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	4717.69	3.50	727.39		16511.92	
Development Allowance	4717.69	.50	727.39		2358.85	
Excess 4 lbs. per ton Premium	1808.13	.75	727.39		1356.10	
Excess 10 lbs. per ton Premium						
Total U308 Payment						20226.87
V205 Payment	15881.72	.31	727.39		4923.33	
Total V205 Payment						4923.33
Less High Line Penalty over 6% CaCo3						
Base Penalty ___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance .133 Miles 768.57 Wet Tons @ .07 per wet ton mile						7155.39
Total U3O8, V2O5 and Haulage Payment						32305.59

RECEIVED AUG 9 1957 D.M.E.A.

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the Ore described in this Settlement Sheet and have legal right to deliver the same to the Union Carbide Nuclear Company, Division of Union Carbide [redacted] Corporation.

I certify that I hold the A. E. C. Source Material License numbered above.

I hereby transfer to the Union Carbide Nuclear Company, Division of Union Carbide [redacted] Corporation, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore.

The amount set opposite "Total U308, V2O5 and Haulage Payment" shown above constitutes the entire amount payable to me in respect of ore deliveries described herein and is accepted by me in full payment thereof.

I request that payment be made on the basis of the average of moisture contents, of U308 contents and of V205 contents of the several loads delivered and covered by this settlement.

Voucher Number	Date
Check Number 4995	Date 7-6-57
Approved for Payment	

Seller or Agent

DAILY SENTINEL COM'L PTG. DEPT.

E 81.2

1-56—5M the Sentinel Printers

UNION CARBIDE NUCLEAR COMPANY

Division of Union Carbide [redacted] Corporation

Grand Junction, COLORADO

Barnhardt Inc LOAD DETAIL

PERIOD 6-1

NAME Simpson Mining Company ADDRESS

CLAIM Rayah #68

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	% H_2O	POUNDS DRY ORE	GRADE U_3O_8	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5	$CaCO_3$ GRADE	POUNDS $CaCO_3$
6-1	56387	36340	5.4	34304.96	0.29	99.48	1.23	421.95	4.4	1509.42
6-3	56447	42020	6.0	39498.80	0.30	118.50	0.80	315.99	3.6	1421.96
6-3	56448	41520	4.3	39734.64	0.30	119.20	0.80	317.88	3.6	1430.45
6-4	56453	51260	6.5	47928.10	0.27	129.41	0.74	354.67	3.3	1581.63
6-4	56483	40860	6.5	38204.10	0.27	103.15	0.74	282.71	3.3	1260.74
6-5	56492	46460	5.8	43765.32	0.30	131.30	0.80	350.12	3.6	1575.55
6-5	56493	42280	5.8	39827.76	0.30	119.48	0.80	318.62	3.6	1433.80
6-6	56515	40120	4.2	38434.96	0.40	153.74	0.78	299.79	4.5	1729.57
6-6	56533	41000	6.5	38335.00	0.26	99.67	0.65	249.18	3.7	1418.40
6-7	56558	42580	5.9	40067.78	0.26	104.18	0.65	260.44	3.7	1482.51
6-7	56566	39980	4.3	38260.86	0.26	99.48	0.65	248.70	3.7	1415.65
6-8	56581	43480	4.9	41349.48	0.26	107.51	0.65	268.77	3.7	1529.93
6-8	56582	41740	4.9	39694.74	0.26	103.21	0.65	258.02	3.7	1468.71
6-10	56641	39420	5.2	37370.16	0.31	115.85	0.84	313.91	6.6	2466.43
6-10	56642	44680	5.8	42088.56	0.34	143.10	0.63	265.16	3.5	1473.60
6-16	56823	33000	5.8	31086.00	0.22	68.39	0.71	220.71	3.6	1119.10
6-11	56671	39140	6.7	36517.62	0.31	113.20	0.84	306.75	6.6	2410.16
6-12	56684	30380	6.1	28526.82	0.31	88.43	0.84	239.63	6.6	1882.77
6-13	56712	28980	5.7	27328.14	0.29	79.25	0.68	185.83	3.5	956.48
6-14	56746	30240	5.3	28637.28	0.28	80.18	0.99	283.51	3.0	859.12
6-15	56797	25880	5.8	24378.96	0.22	53.63	0.71	173.09	3.6	877.64
6-19	56881	29960	5.5	28312.20	0.23	65.12	1.10	311.43	3.0	849.37
TOTAL		871320	[illegible]	[illegible]		[illegible]		[illegible]		[illegible]

1-56—5M the Sentinel Printers

UNION CARBIDE NUCLEAR COMPANY

[redacted] Division of Union Carbide [redacted] Corporation

Grand Junction, COLORADO

Purchased Ore LOAD DETAIL

PERIOD 6-1 - 6-31-57

NAME Simpson Mining Company ADDRESS

CLAIM Rajah 68

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	% H_2O	POUNDS DRY ORE	GRADE U_3O_8	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5	$CaCO_3$ GRADE	POUNDS $CaCO_3$
6-21	56960	31040	5.8	29239.68	0.45	131.58	1.38	403.51	3.6	1052.63
6-22	57009	38520	3.8	37056.24	0.50	185.28	2.14	793.00	3.4	1259.91
6-23	57011	41120	5.5	38858.40	0.50	194.29	2.14	831.57	3.4	1321.19
6-23	57028	49640	4.4	47455.84	0.31	147.11	1.35	640.65	3.7	1755.87
6-23	57033	29560	5.0	28082.00	0.50	140.41	2.14	600.95	3.4	954.79
6-24	57061	31100	6.5	29078.50	0.36	104.68	1.28	372.20	4.3	1250.38
6-25	57074	41880	5.1	39744.12	0.36	143.08	1.28	508.72	4.3	1709.00
6-25	57083	29880	5.0	28386.00	0.31	88.00	1.35	383.21	3.7	1050.28
6-25	57090	41600	5.1	39478.40	0.31	122.38	1.35	532.96	3.7	1460.70
6-26	57094	25400	7.1	23596.60	0.31	73.15	1.35	318.55	3.7	873.07
6-26	57095	44460	4.0	42681.60	0.36	153.65	1.28	546.32	3.9	1664.58
6-26	57119	42860	5.1	40674.14	0.31	126.09	1.35	549.10	3.7	1504.94
6-26	57121	31300	5.8	29484.60	0.36	106.14	1.28	377.40	4.3	1267.84
6-26	57122	42060	3.2	40714.08	0.31	126.21	1.35	549.64	3.7	1506.42
6-27	57132	48120	5.0	45714.00	0.36	164.57	1.28	585.14	4.3	1965.70
6-27	57141	29500	4.7	28113.50	0.36	101.21	1.28	359.85	4.3	1208.88
6-28	57182	29020	5.2	27510.96	0.31	85.28	1.35	371.40	3.7	1017.91
6-29	57197	29460	5.6	27810.24	0.35	97.34	1.32	367.10	3.9	1084.60
6-30	57221	29300	6.3	27454.10	0.48	131.78	1.98	543.59	3.9	1070.71
		1537140	5.4	1454785.24	0.32	4717.69	1.09	15881.72	3.9	57131.89

TOTAL

1

UNION CARBIDE NUCLEAR COMPANY
[redacted] Division of Union Carbide [redacted] Corporation

ORE SETTLEMENT

Receiving Station Uravan Colo. Grand Junction, [redacted] Colorado July 5 19 57
Liquidation No. 7451 Lot No. In Fed Dist Shippers Lot No.
Bought of Hamilton, Harris, McDavid, Phillips, Ladd, & Anyon Mining Co. A.E.C. License No.
Address Box 127 Grand Jct. Colo
Type of Ore Carnotite Date Received 6-1 6-30-57
Mining Claim Royal #68 Mining District Gateway, Beaver Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	V_2O_5	$CaCO_3$	CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_3$
	1980500	3.6	1908987.44	0.25	0.89		4798.93	17078.61	

PRICED PER A.E.C. CIRCULAR NO. [illegible]

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	4798.93	3.50	954.49		16796.26	
Development Allowance	4798.93	.50	954.49		2399.47	
Excess 4 lbs. per ton Premium	980.97	.75	954.49		735.73	
Excess 10 lbs. per ton Premium						
Total U308 Payment						19931.46
V205 Payment	17078.61	.31			5294.37	
Total V205 Payment						5294.37
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%−___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance ___ Miles 990.26 Wet Tons @ 5.35 per wet ton ~~mile~~						5297.89
Total U3O8, V2O5 and Haulage Payment						30523.72

RECEIVED AUG 9 1957 D.M.E.A.

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the Ore described in this Settlement Sheet and have legal right to deliver the same to the Union Carbide Nuclear Company, [redacted] Division of Union Carbide [redacted] Corporation.

I certify that I hold the A. E. C. Source Material License numbered above.

I hereby transfer to the Union Carbide Nuclear Company, [redacted] Division of Union Carbide [redacted] Corporation, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore.

The amount set opposite "Total U308, V2O5 and Haulage Payment" shown above constitutes the entire amount payable to me in respect of ore deliveries described herein and is accepted by me in full payment thereof.

DMEA
DEPARTMENT OF THE INTERIOR
JUL 10 1957
REGION III
DENVER, COLORADO

Voucher Number	Date
Check Number 8094	Date 7-6-57
Approved for Payment	Seller or Agent

1000 DAILY SENTINEL COM'L PTG. DEPT.

E812

1-56—5M the Sentinel Printers

UNION CARBIDE NUCLEAR COMPANY

Division of Union Carbide Corporation

Uravan, COLORADO

Purchased Ore LOAD DETAIL

INSERT GRADE

Hamilton, Harris PERIOD 6-1 6-30-57

NAME McDavid, Phillips, Ladd & Simpson Mining Company ADDRESS Grand Jct. Colo.

CLAIM Rajah #68

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	LAB. ASSAY NO.	PER CENT MOISTURE	POUNDS DRY ORE	GRADE U_3O_8	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5
6-3	9244	46880	584457	3.6	45192.32	0.26	117.50	0.96	433.85
6-3	9253	54960	✓	4.0	52761.60	0.18	94.97	0.67	353.50
6-11	93233	50240	605457	3.2	48632.32	0.21	102.13	0.59	286.93
6-11	93282	52000	✓	3.9	49972.00	0.22	109.94	0.57	284.84
6-11	93284	59200	✓	3.9	56891.20	0.22	125.16	0.57	324.28
6-12	93329	42320	✓	2.8	41135.04	0.23	94.61	0.80	329.08
6-13	93451	45240	613457	3.6	43611.36	0.28	122.11	0.57	248.58
6-14	93674	49760	616457	3.7	47918.88	0.34	162.92	0.98	469.61
6-15	93721	42200	✓	3.7	40638.60	0.33	134.11	0.81	329.17
6-15	93722	54120	✓	4.6	51630.48	0.33	170.38	0.81	418.21
6-15	93724	48680	✓	4.1	46684.12	0.33	154.06	0.81	378.14
6-15	93725	50160	✓	4.7	47802.48	0.33	157.75	0.81	387.20
6-17	93846	45040	641457	2.4	43959.04	0.24	105.50	0.73	320.90
6-17	93850	47560	✓	5.1	45134.44	0.25	112.84	0.94	424.26
6-17	93859	50000	✓	5.8	47100.00	0.33	155.43	1.03	485.13
6-18	93953	51800	654457	4.2	49624.40	0.27	133.99	0.81	401.96
6-18	93957	49920	✓	4.2	47823.36	0.27	129.12	0.81	387.37
6-18	93958	61640	✓	4.2	59051.12	0.27	159.44	0.81	478.31
6-18	94043	49840	✓	2.5	48594.00	0.27	131.20	0.81	393.61
6-18	94048	48880	✓	2.9	47462.48	0.27	128.15	0.81	384.45
6-19	94095	45440	✓	4.5	43395.20	0.25	108.49	1.00	433.95
TOTAL									

1-56—5M the Sentinel Printers

UNION CARBIDE NUCLEAR COMPANY

Division of Union Carbide Corporation

_____, COLORADO

_____ LOAD DETAIL

INSERT GRADE

Hamilton, Harris PERIOD _____

NAME McDavid Phillips, Todd & Simpson Mining ADDRESS Grand Jct. Colo.

CLAIM Rajah #68

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	LAB. ASSAY NO.	PER CENT MOISTURE	POUNDS DRY ORE	GRADE U_3O_8	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5
6-19	94164	56880	654457	3.4	54946.08	0.25	137.37	1.00	549.46
6-19	94165	47060	✓	4.5	44942.30	0.23	103.37	0.86	386.50
6-20	94196	45280	654457	3.0	43921.60	0.25	109.80	1.00	439.22
6-20	94269	53960	✓	3.5	52071.40	0.22	114.56	1.18	614.44
6-21	94345	52280	✓	2.7	50868.44	0.13	66.13	0.91	462.90
6-21	94405	56480	661457	3.7	54390.24	0.21	114.22	1.14	620.05
6-21	94408	48280	✓	3.2	46735.04	0.21	98.14	1.14	532.78
6-25	95096	48240	677457	3.9	46243.32	0.22	101.74	1.30	601.16
6-28	95148	46280	✓	2.9	44937.88	0.25	112.34	1.02	458.37
6-28	95149	50000	✓	4.1	47950.00	0.27	129.47	1.09	522.66
6-28	95205	40100	676457	2.7	39017.30	0.24	93.64	0.57	222.40
6-28	95209	45640	✓	3.0	44270.80	0.25	110.68	0.86	380.73
6-28	95238	48280	✓	5.3	45721.16	0.23	105.16	1.09	498.36
6-29	95266	46920	✓	2.5	45747.00	0.24	109.79	0.71	324.80
6-29	95332	51040	680457	4.2	49854.32	0.26	129.62	1.23	613.21
6-29	95371	49120	✓	2.1	48088.48	0.25	120.22	1.10	528.97
6-30	95486	56200		2.5	54795.00	0.24	131.51	0.98	536.99
6-30	95487	46080		2.5	44928.00	0.24	107.83	0.98	440.29
6-30	95488	45640		2.4	44544.64	0.21	93.54	0.88	391.99
		1980520		3.6	1908987.44	0.25	479893	0.89	1707861

TOTAL

U. S. DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
224 New Customhouse
Denver 2, Colorado

July 9, 1957

Memorandum

To: Chairman, Operating Committee, DMEA
From: Executive Officer, DMEA Field Team, Region III
Subject: Royalty Payments, Docket DMEA 3649 (Uranium) Contract Idm-E812, Simpson Mining Co., et al (Rajah Group of Claims) Mesa County, Colorado
Period: June 1957

Enclosed are settlement sheets for which royalty payments were received for ore or concentrates shipped from the subject property during the above month:

Date	Lot No.	Dry Tons	Royalty Due	Royalty Paid	Bonus Roy. Due	Bonus Roy. Pd.
4/5/57	7239	(Revised)	$9.21	$9.21	No bonus due	
6/4/57	7353	321.012	636.18	636.18		
6/5/57	7376	1464.262	1857.97	1857.97		
6/17/57	2782	(Corrected)	68.73	68.73		
6/21/57	7376	(Corrected)	149.31	149.31		
Totals:		1785.274	$2,721.40	$2,721.40		

OFFICIAL FILE COPY
DMEA
RECEIVED AUG 8 1957
DATE | INITIALS | CODE
8/8 | P. | 226

U. S. BUREAU OF MINES
SOUTHWEST EXPERIMENT STATION
JUL 15 1957
TUCSON, ARIZONA

Past Due Royalties Collected None

Total Dry Tons (Ore or Cons.) Shipped to Date 10,928.340

W. H. King
Executive Officer

Chron.
cc: Royalty File E 812 w/settlement sheets
Monthly Royalty Payment File
HMH

2

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide [redacted] Corporation

— Revised —

ORE SETTLEMENT

Grand Junction, [redacted] Colorado, April 5 1957

Receiving Station Uravan Colo.
Liquidation No. 7739 Lot No. Shippers Lot No.
Bought of Hamilton, Harris, McDavid, Phillips, Ladd & Simpson [redacted] License No. 2856
Address C/o Simpson Mining Co. Box 177 Grand Jct. Colo.
Type of Ore Carnotite Date Received 3-1 3-31-57
Mining Claim Rajah #67,868 Mining District Gateway Beaver Mesa Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	V_2O_5	$CaCO_3$	CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_3$
				average					
	1277780	5.7	1157345.72	0.25	1.12		2937.79	13007.44	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	2937.79	3.50	578.66		10287.27	
Development Allowance	2937.79	.50	578.66		1468.90	
Excess 4 lbs. per ton	623.15	.75	578.66		467.36	
Excess 10 lbs. per ton Premium						
Total U308 Payment						12218.53
V205 Payment	13007.44	.31			4032.31	
Total V205 Payment						4032.31
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance ___ Miles 612.89 Wet Tons @ 5.65 per wet ton						3468.48
Total U3O8, V2O5 and Haulage Payment						19719.32

EXTRA COPY
DMEA
RECEIVED AUG 8 1957

DATE	INITIALS	CODE

DMEA
DEPARTMENT OF THE INTERIOR
JUN 5 - 1957
REGION III
DENVER, COLORADO

E 812

Sentinel Printers

UNION CARBIDE NUCLEAR COMPANY

A Division of Union Carbide and Carbon Corporation

Uravan, COLORADO

Purchased Ore LOAD DETAIL

INSERT GRADE

PERIOD 3-15 3-31-57

NAME Hamilton Harris McDavid Phillips Ladd and Thompson Mining Co.

ADDRESS Grand Jct. Colo.

CLAIM Kayak #68 – #67

	DATE SHIPPED	TICKET NUMBER	POUNDS ORE	LAB. ASSAY NO.	PER CENT MOISTURE	POUNDS DRY ORE	GRADE U_3O_8	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5
	3-21	85700	26500	284457	6.2	24785.00	0.13	32.31	0.53	131.74
	3-21	85702	33220	✓	5.8	31293.24	0.13	40.68	0.53	165.85
67	3-25	86045	44300	295457	6.3	41509.10	0.20	83.02	0.90	373.58
1	3-26	86056	42280	296457	6.3	39616.36	0.28	110.93	0.76	301.08
67	3-26	86118	45820	✓	6.1	43024.98	0.21	90.35	0.68	292.57
67	3-26	86153	58600	297457	5.6	55318.40	0.23	127.23	1.28	708.08
	3-27	86174	43440	✓	5.2	41181.12	0.20	82.36	0.82	337.69
	3-27	86206	29600	301457	4.7	28208.80	0.26	73.34	1.26	355.43
	3-27	86208	29720	✓	4.7	28323.16	0.26	73.64	1.26	356.87
	3-27	86228	44680	297457	5.4	42267.28	0.20	84.53	0.82	346.59
	3-27	86247	31120	✓	6.7	29034.96	0.20	58.07	0.82	238.09
67	3-28	86295	42880	301457	5.0	40736.00	0.29	118.13	1.14	464.39
67	3-28	86310	26680	✓	5.4	25239.28	0.29	73.19	1.14	287.73
67	3-28	86319	37760	✓	3.7	36362.88	0.29	105.45	1.14	414.54
67	3-28	86329	37880	✓	6.1	35569.32	0.29	103.15	1.14	405.49
	3-28	86341	54200	✓	6.1	50893.80	0.29	147.59	1.14	580.19
	3-28	86397	43240	✓	10.4	38743.04	0.29	112.35	1.14	441.67
	3-28	86398	46500	✓	10.4	41664.00	0.29	120.83	1.14	474.97
	3-29	86409	43600	✓	5.4	41245.60	0.26	107.24	1.22	503.20
67	3-29	86441	42040	✓	4.4	40190.24	0.26	104.49	1.22	490.32
	3-29	86474	29720	✓	4.9	28263.72	0.26	73.49	1.22	344.82
	3-30	86665	43280	304457	3.9	41592.08	0.26	108.14	1.46	607.24
	TOTAL									

2 84

UNION CARBIDE NUCLEAR COMPA[redacted]
Division of Union Carbide [redacted] Corporation

ORE SETTLEMENT

Receiving Station Rifle Colorado Grand Junction, [redacted] Colorado, June 4-57 19

Liquidation No. 7353 Lot No. Shippers Lot No.

Bought of Hamilton, Harris, McDavid Phillips Dodd & Simpson A.E.C. License No. P-2856

Address Mining Company Box 127 Grand Junction, Colorado

Type of Ore Carnotite Date Received 5-1-57 5-31-57

Mining Claim Rajah 68 Mining District Gateway Beaver Mesa Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8 approx	V_2O_5 average	$CaCO_3$	CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_3$
	688000	7.0	642023.18	0.28	0.97	—	1799.18	6251.19	—

PRICED PER A.E.C. CIRCULAR NO. 5 (revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	1799.18	3.50	321.01		6297.17	
Development Allowance	1799.18	.50	321.01		899.60	
Excess 4 lbs. per ton Premium	515.15	.75	321.01		386.36	
Excess 10 lbs. per ton Premium						
Total U308 Payment						7583.13
V205 Payment	6251.19	.31	321.01		1937.87	
Total V205 Payment						1937.87
Less High Line Penalty over 6% CaCo3						
Base Penalty						
——%———%=——% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 1.33 Miles 344.00 Wet Tons @ .07 per wet ton mile						3202.64
Total U3O8, V2O5 and Haulage Payment						12723.64

E812

1000-3-55-Rifle Telegram

UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation
RIFLE, COLORADO

Purchased Ore **LOAD DETAIL**

PERIOD 5-1- 5-31-57

NAME Hamilton, Harris, Mc David Phillips Todd & Simpson Mining Company ADDRESS Grand Jct. Colorado

CLAIM Payah 67 & 68

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	% H_2O	POUNDS DRY ORE	U_3O_8 GRADE	POUNDS U_3O_8	V_2O_5 GRADE	POUNDS V_2O_5	$CaCO_3$ GRADE	POUNDS $CaCO_3$
5-8	55614	42340	7.1	39352.44	0.26	102.32	1.08	425.01	4.2	1652.80
5-8	55624	51520	8.6	47089.28	0.26	122.43	1.08	508.56	4.2	1977.75
5-14	55810	45520	4.1	43653.68	0.32	139.69	1.15	502.02	5.1	2226.34
5-15	55840	42420	5.5	40086.90	0.21	84.18	1.11	444.96	5.8	2325.04
5-19	55971	45280	7.0	42110.40	0.22	92.64	0.77	324.25	5.6	2358.18
5-19	55972	47880	7.0	44528.40	0.22	97.96	0.77	342.87	5.6	2493.59
5-19	55973	48860	7.0	45439.80	0.22	99.97	0.77	349.89	5.6	2544.63
5-21	56036	48480	5.8	45668.16	0.40	182.67	1.15	525.18	5.6	2557.42
5-22	56061	45580	5.6	43027.52	0.30	129.08	0.83	357.13	4.5	1936.24
5-22	56062	43420	5.6	40988.48	0.30	122.97	0.83	340.20	4.5	1844.48
5-23	56083	41660	6.9	38785.46	0.21	81.45	0.92	356.83	4.1	1590.20
5-23	56085	48640	7.2	45137.92	0.21	94.79	0.92	415.27	4.1	1850.65
5-24	56112	45400	8.4	41586.40	0.39	162.19	1.05	436.66	4.1	1705.04
5-24	56115	45400	8.4	41586.40	0.39	162.19	1.05	436.66	4.1	1705.04
5-28	56293	45580	5.7	42981.94	0.29	124.65	1.13	485.70	4.4	1891.21
[illegible]		688000	7.0	642023.18	0.28	1799.18	0.97	6251.19	4.8	30658.61

TOTAL

18/2

UNION CARBIDE NUCLEAR COMPA[redacted]
Division of Union Carbide [redacted] Corporation

ORE SETTLEMENT

Grand Junction, [redacted] Colorado, June 5 1957

Receiving Station Uravan
Liquidation No. 7376
Lot No. See Lot Detail
Shippers Lot No.
Bought of Hamilton, Harris, McDavid, Phillips, Ladd, and Simpson Mining Co.
A.E.C. License No. P-2856
Address c/o Simpson Mining Company, Box 127, Grand Junction, Colorado.
Type of Ore Carnotite
Date Received 5-1 5-31-57
Mining Claim Rajah #68
Mining District Gateway - Beaver Mesa
Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
	3078480	4.9	2928524.24	0.20	1.00	—	5844.56	29261.44	—

PRICED PER A.E.C. CIRCULAR NO. 5 (Rev. Sept)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	5844.56	3.50	1464.26		20,455.96	
Development Allowance	5844.56	.50	1464.26		2922.28	
Excess 4 lbs. per ton Premium						
Excess 10 lbs. per ton Premium						
Total U308 Payment						23,378.24
V205 Payment	29261.44	.31			9071.05	
Total V205 Payment						9,071.05
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 51 Miles 1539.76 Wet Tons @ .06 per wet ton mile						4710.07
Total U3O8, V2O5 and Haulage Payment						37159.36

E812

1-50 M the Sentinel Printers

UNION CARBIDE NUCLEAR COMPANY

[redacted] Division of Union Carbide [redacted] Corporation

Uravan, COLORADO

Purchased Ore LOAD DETAIL

INSERT GRADE

PERIOD 5-1-57 thru 5-31-57

NAME Hamilton, Harris, McDavid, Phillips Lease & Supply Mining Co. ADDRESS Uravan, Montrose County, Colorado

CLAIM Kayed #68

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	LAB. ASSAY NO.	PER CENT MOISTURE	POUNDS DRY ORE	GRADE U_3O_8	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5
5-1	89367	44040	451457	4.7	41970.12	0.17	71.35	1.01	423.90
5-2	89455	54160	✓	6.9	50422.96	0.26	131.10	1.20	605.08
5-2	89519	49560	✓	5.2	46982.88	0.28	131.55	1.30	610.78
5-3	89541	56680	455457	3.2	54866.24	0.22	120.71	1.20	658.39
5-3	84593	50000	✓	3.2	48400.00	0.18	87.12	1.14	551.76
5-3	89604	51760	✓	3.0	50207.20	0.22	110.46	1.20	602.49
5-4	89681	39320	456457	4.7	37471.96	0.33	123.66	1.24	464.65
5-4	89726	60960	✓	5.3	57729.12	0.19	109.69	1.25	721.61
5-4	89727	49760	✓	5.3	47122.72	0.19	89.53	1.25	589.03
5-6	89775	51520	457457	4.8	49047.04	0.17	83.38	1.09	534.61
5-6	89854	51720	✓	6.1	48565.08	0.20	97.13	1.11	539.0-
5-6	89884	50160	461457	7.0	46648.8[illegible]	0.21	97.96	1.14	531.80
5-7	89890	45200	✓	7.2	41945.60	0.30	125.84	1.43	599.82
5-7	89942	47680	✓	5.6	45009.92	0.26	117.03	1.14	513.11
5-8	89969	32440	469457	4.9	30850.44	0.25	77.13	1.15	354.78
5-8	89970	32280	✓	4.9	30698.28	0.25	76.75	1.15	353.03
5-9	90088	45200	471457	6.1	42442.80	0.17	72.15	0.84	356.52
5-9	90160	29680	✓	5.0	28196.00	0.17	47.93	0.84	236.85
5-10	90185	50080	✓	5.2	47475.84	0.17	80.71	0.84	398.80
5-10	90187	58300	✓	5.2	55268.40	0.17	93.96	0.84	464.25
5-10	90206	28760	✓	5.3	27235.72	0.17	46.30	0.84	228.78
5-10	90231	14840	✓	5.0	14098.00	0.17	23.97	0.84	118.42
TOTAL									

Continued on next sheet

P.1

1-56—500 the Sentinel Printers

UNION CARBIDE NUCLEAR COMPANY

[redacted] Division of Union Carbide [redacted] Corporation

Uravan, COLORADO

Purchased Ore LOAD DETAIL

INSERT GRADE

PERIOD 5-1-57 Thru 5-31-57

NAME Hamilton, Harris, McBoyd, Phillips, Lady & Simpson Mining Co. ADDRESS Grand Junction, Colorado

CLAIM Regal #8

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	LAB. ASSAY NO.	PER CENT MOISTURE	POUNDS DRY ORE	GRADE U_3O_8	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5
5-14	90622	29160	487457	5.1	27672.84	0.15	41.51	1.32	365.28
5-15	90692	48920	✓	6.0	45984.80	0.17	78.17	1.12	515.03
5-15	90695	51240	✓	6.0	48165.60	0.17	81.88	1.12	539.45
5-15	90705	52560	✓	5.8	49511.52	0.17	84.17	1.12	554.53
5-15	90707	49080	✓	5.6	46331.52	0.17	78.76	1.12	518.91
5-15	90708	47920	✓	5.6	45236.48	0.17	76.90	1.12	506.65
5-15	90790	48720	✓	5.6	45991.68	0.17	78.19	1.12	515.11
5-16	90821	52400	541457	5.1	49727.60	0.12	59.67	1.18	586.79
5-16	90822	49240	✓	5.3	46630.28	0.10	46.63	1.18	550.24
5-16	90830	47800	✓	5.1	45362.20	0.12	54.43	1.18	535.27
5-16	90847	48920	✓	6.1	45935.88	0.24	110.25	1.29	592.57
5-17	90981	46840	542457	3.0	45434.80	0.20	90.87	0.96	436.17
5-18	91068	30000	✓	2.0	29400.00	0.18	52.92	0.93	273.42
5-20	91158	55800	543457	3.2	54014.40	0.22	118.83	0.95	513.14
5-20	91216	51840	526457	4.4	49559.04	0.20	99.12	0.97	480.72
5-20	91217	53920	✓	4.1	51709.28	0.20	103.42	0.97	501.58
5-20	91218	50560	✓	3.9	48588.16	0.20	97.18	0.97	471.31
5-23	91490	67440	527457	4.5	64405.20	0.19	122.37	0.95	611.85
5-25	91694	31000	534457	4.8	29512.00	0.16	47.22	0.99	292.17
5-26	91725	32680	535457	4.4	31242.08	0.33	103.10	1.14	356.16
5-26	91735	61640	✓	4.4	58927.84	0.21	123.75	0.92	542.14
5-26	91736	52160	✓	4.2	49969.28	0.20	99.94	0.84	419.74
TOTAL									

CORRECTED

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide Corporation

ORE SETTLEMENT

Receiving Station: Rifle Colorado — Grand Junction, Colorado — June 11, 1957
Liquidation No.: 9787 — Lot No.: [illegible] — Shipper Lot No.: [illegible]
Bought of: [illegible] — A.E.C. Licence No.: [illegible]
Address: [illegible]
Type of Ore: Concentrate — Date Received: 4-1-57 [illegible] 9-30-57
Mining Claim: Regal 67468 — Mining District: [illegible] — File No.: [illegible]

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
	2067060	6.5	1932546.28	0.29	1.31		5660.36	25324.20	

PRICED PER A.E.C. CIRCULAR NO. [illegible]

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U3O8 Payment	5660.36	3.50	966.14		19811.26	
Development Allowance	5660.36	.50	966.14		2830.18	
Excess 4 lbs. per ton Premium	1795.88	.75	966.14		1346.91	
Excess 10 lbs. per ton Premium						
Total U3O8 Payment						[illegible]
V2O5 Payment	25324.20	.31	966.14		7850.50	
Total V2O5 Payment						7850.50
Less Mill Line Penalty over 6% CaCO3						
Less Penalty						
___% ___% ___% Penalty @ $ .04 per 1/10%						
TOTAL						
Haulage Allowance 112 Miles 0 112.53 Wet Tons @ [illegible] per wet ton mile						9602.15
Total U3O8, V2O5 and Haulage Payment						31361.01

DMEA
ARTMENT OF THE INTERIOR
JUN 24 1957
REGION III
DENVER, COLORADO

DMEA

E 812

2

UNION CARBIDE NUCLEAR COMPA[redacted]
[redacted] Division of Union Carbide [redacted] Corporation

ORE SETTLEMENT Corrected

Grand Junction, [redacted] Colorado, June 21 1957

Receiving Station Uravan Colo.
Liquidation No. 7376 Lot No. Shippers Lot No.
Bought of Hamilton, Harris McDavid, Phillips Todd & Simpson Mining Co. A.E.C. License No. 7856
Address c/o Simpson Mining Co. Box 147 Grand Jct. Colo.
Type of Ore Carnotite Date Received 5-1 5-31-57
Mining Claim Rojah #68 Mining District Gateway Beaver Mesa Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
	3078480	4.9	2928524.24	0.20	1.00		5844.56	29261.44	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	5844.56	3.50	1464.26		20,455.96	
Development Allowance	5844.56	.50	1464.26		2922.28	
Excess 4 lbs. per ton Premium						
Excess 10 lbs. per ton Premium						
Total U308 Payment						23378.24
V205 Payment	29261.44	.31			9071.05	
Total V205 Payment						9071.05
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance ___ Miles 1539.24 Wet Tons @ 5.00 per wet ton ~~mile~~						7696.20
Total U3O8, V2O5 and Haulage Payment						40145.49

RECEIVED AUG 8 1957 D.M.E.A.

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the Ore described in this Settlement Sheet and have legal right to deliver the same to the Union Carbide Nuclear Company, [redacted] Division of Union Carbide [redacted] Corporation.

I certify that I hold the A. E. C. Source Material License numbered above.

I hereby transfer to the Union Carbide Nuclear Company, [redacted] Division of Union Carbide [redacted] Corporation, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore.

The amount set opposite "Total U308, V2O5 and Haulage Payment" shown above constitutes the entire amount payable to me in respect of ore deliveries described herein and is accepted by me in full payment thereof.

I request that payment be made on the basis of the average of moisture contents, of U308 contents and of V205 contents of the several loads delivered and covered by this settlement.

Voucher Number	Date
Check Number 7845	Date 6-24-57
Approved for Payment	

Seller or Agent

DMEA
DEPARTMENT OF THE INTERIOR
JUN 26 1957
REGION III
DENVER, COLORADO

DAILY SENTINEL COM'L PTG. DEPT.

Pc

1-50—5M the Sentinel Printers

UNION CARBIDE NUCLEAR COMPANY

[redacted] Division of Union Carbide [redacted] Corporation

Uravan, COLORADO

Purchased Ore

LOAD DETAIL

INSERT GRADE

PERIOD 5-1-57 thru 5-31-57

NAME Hamilton Harris & McDavid Phillips Lease & Surface Mining Co.

ADDRESS Hamilton, Montrose County, Colorado

CLAIM Kay #4 #68

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	LAB. ASSAY NO.	PER CENT MOISTURE	POUNDS DRY ORE	GRADE U_3O_8	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5
5-1	89367	44040	451457	4.7	41970.12	0.17	71.35	1.01	423.90
5-2	89455	54160	✓	6.9	50422.96	0.26	131.10	1.20	605.08
5-2	89519	49560	✓	5.2	46982.88	0.28	131.55	1.30	610.78
5-3	89541	56680	455457	3.2	54866.24	0.22	120.71	1.20	658.39
5-3	89543	50000	✓	3.2	48400.00	0.18	87.12	1.14	551.76
5-3	89604	51760	✓	3.0	50207.20	0.22	110.46	1.20	602.49
5-4	89681	39320	456457	4.7	37471.96	0.33	123.66	1.24	464.65
5-4	89726	66960	✓	5.3	57729.12	0.19	109.69	1.25	721.61
5-4	89727	49760	✓	5.3	47122.72	0.19	89.53	1.25	589.03
5-6	89775	51520	457457	4.8	49047.04	0.17	83.38	1.09	534.61
5-6	89854	51720	✓	6.1	48565.08	0.20	97.13	1.11	539.[illegible]
5-6	89884	50160	461457	7.0	[illegible]	0.21	97.96	1.14	531.80
5-7	89890	45200	✓	7.2	41945.60	0.30	125.84	1.43	599.82
5-7	89942	47680	✓	5.6	45009.92	0.26	117.03	1.14	513.11
5-8	89969	32440	469457	4.9	30850.44	0.25	77.13	1.15	354.78
5-8	89970	32280	✓	4.9	30698.28	0.25	76.75	1.15	353.03
5-9	90088	45200	471457	6.1	42442.80	0.17	72.15	0.84	356.52
5-9	90160	29680	✓	5.0	28196.00	0.17	47.93	0.84	236.85
5-10	90185	50080	✓	5.2	47475.84	0.17	80.71	0.84	398.80
5-10	90187	58300	✓	5.2	55268.40	0.17	93.96	0.84	464.25
5-10	90206	28760	✓	5.3	27235.72	0.17	46.30	0.84	228.78
5-10	90231	14840	✓	5.0	14098.00	0.17	23.97	0.84	118.42
TOTAL									

Continued on next sheet

P.1

1-56—5M the Sentinel Printers

UNION CARBIDE NUCLEAR COMPANY

Division of Union Carbide Corporation

Uravan, COLORADO

Purchased Ore — LOAD DETAIL

INSERT GRADE

PERIOD 5-1-57 Thru 5-31-57

NAME Hamilton, Travis McBride, Phillips, Lady & Simpson Mining Co. ADDRESS Grand Junction, Colorado

CLAIM Maja 1-8

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	LAB. ASSAY NO.	PER CENT MOISTURE	POUNDS DRY ORE	GRADE U_3O_8	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5
5-14	90622	39160	487457	5.1	37167.84	0.15	41.51	1.32	365.28
5-15	90692	48920	✓	6.0	45984.80	0.17	78.17	1.12	515.03
5-15	90695	51240	✓	6.0	48165.60	0.17	81.88	1.12	539.45
5-15	90705	52560	✓	5.8	49511.52	0.17	84.17	1.12	554.53
5-15	90707	49080	✓	5.6	46331.52	0.17	78.76	1.12	518.91
5-15	90715	47920	✓	5.6	45236.48	0.17	76.90	1.12	506.65
5-15	90790	48720	✓	5.6	45991.68	0.17	78.19	1.12	515.11
5-16	90821	52400	541457	5.1	49727.60	0.12	59.67	1.18	586.79
5-16	90822	49240	✓	5.3	46630.28	0.10	46.63	1.18	550.24
5-16	90830	47800	✓	5.1	45362.20	0.12	54.43	1.18	535.27
5-16	90847	48920	✓	6.1	45935.88	0.24	110.25	1.24	547.57
5-17	90981	46840	542457	3.0	45434.80	0.20	90.87	0.96	436.17
5-18	91068	30000	✓	2.0	29400.00	0.18	52.92	0.93	273.42
5-20	91158	53200	543457	3.2	51474.40	0.22	118.83	0.95	513.14
5-20	91216	51840	526457	4.4	49559.04	0.20	99.12	0.97	480.72
5-20	91217	53920	✓	4.1	51709.28	0.20	103.42	0.97	501.58
5-20	91218	50560	✓	3.9	48588.16	0.20	97.18	0.97	471.31
5-23	91490	67440	527457	4.5	64405.20	0.19	122.37	0.95	611.85
5-25	91694	31000	534457	4.8	29512.00	0.16	47.22	0.99	292.17
5-26	91775	32680	535457	4.4	31242.08	0.33	103.10	1.14	356.16
5-26	91735	61640	✓	4.4	58927.84	0.21	123.75	0.92	542.14
5-26	91726	52160	✓	4.2	49969.28	0.20	99.94	0.84	419.74
TOTAL									

UNION CARBIDE NUCLEAR COMPANY

A Division of Union Carbide and Carbon Corporation

Uravan, COLORADO

Purchased Ore LOAD DETAIL

INSERT GRADE

PERIOD 3-15 3-31-57

NAME Hamilton, Harris McDavid Phillips, Ladd and Simpson Mining Co. ADDRESS Grand Jct. Colo.

CLAIM Kayoh #68 - #67

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	LAB. ASSAY NO.	PER CENT MOISTURE	POUNDS DRY ORE	GRADE U_3O_8	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5
3-30	86581	4240		4.3	40806.48	0.26	106.10	1.46	595.77
3-30	86585	41520		4.3	39734.64	0.26	103.31	1.46	580.13
3-30	86586	50120		4.6	47814.48	0.26	124.32	1.46	698.09
3-30	86605	31800		5.0	30210.00	0.26	78.55	1.46	441.07
3-30	86608	30320		6.3	28409.84	0.26	73.87	1.46	414.78
3-31	86613	5240		6.4	4921.04	0.29	14.89	1.14	56.69
3-31	86662	29800		5.9	28041.80	0.29	81.32	1.14	319.68
3-31	86664	27880		5.9	26235.08	0.29	76.08	1.14	299.08
3-31	86666	44000		5.3	41668.00	0.24	120.84	1.14	475.02
		1227780		5.7	1157325.72	0.25	2937.79	1.12	13007.44

TOTAL

1-56—5M the Sentinel Printers

UNION CARBIDE NUCLEAR COMPANY

[redacted] Division of Union Carbide [redacted] Corporation

Uravan, COLORADO

Purchased Ore LOAD DETAIL

INSERT GRADE

Simulta Harris
McDaniel Phillips Todd
NAME and Simpson Mining Co. ADDRESS Grand Jct. Colo.

PERIOD 5-1 5-31-57

CLAIM Kayjak #68

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	LAB. ASSAY NO.	PER CENT MOISTURE	POUNDS DRY ORE	GRADE U_3O_8	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5
5-26	91737	53740	535457	4.2	51003.92	0.20	102.01	0.84	428.43
5-28	91878	46240	541457	5.6	43650.56	0.18	78.57	0.91	397.22
5-28	91882	51380	✓	5.6	48502.72	0.18	87.30	0.91	441.37
5-28	91884	50520	✓	5.0	47994.00	0.18	86.39	0.91	436.75
5-28	91886	49760	✓	5.0	47272.00	0.18	85.09	0.91	430.18
5-28	91952	58040	✓	4.5	55428.40	0.18	99.77	0.91	504.40
5-28	91953	42360	✓	3.9	41092.36	0.18	73.97	0.91	373.94
5-28	91954	46360	✓	4.5	44273.80	0.18	79.69	0.91	402.89
5-29	92002	36960	545457	4.5	35296.80	0.23	81.18	0.88	310.61
5-29	92004	41160	✓	4.5	39307.80	0.23	90.41	0.88	345.91
5-29	92006	54560	✓	4.3	52213.92	0.23	120.09	0.88	459.48
5-29	92013	48680	✓	3.5	46976.20	0.23	108.05	0.88	413.39
5-29	92017	51140	✓	5.8	48155.04	0.23	110.76	0.88	423.76
5-29	92018	43560	✓	5.8	41033.52	0.23	94.38	0.88	361.09
5-30	92106	61640	546457	5.4	59257.44	0.20	118.51	0.62	367.40
5-30	92108	50720		5.4	47981.12	0.24	115.15	0.82	393.45
5-30	92135	0880		3.4	49150.08	0.18	88.47	0.67	329.31
5-31	92216	50040		4.4	47838.24	0.17	81.33	0.66	315.73
5-31	92284	44120		4.3	42222.84	0.24	101.33	0.82	346.23
5-31	92285	42080		5.0	39976.00	0.24	95.94	0.82	327.80
5-31	92300	44720		3.6	47930.08	0.17	81.48	0.66	316.34
TOTAL		3078480		4.9	2928524.24	0.20	5844.56	1.00	29261.44

1-50—5M the Sentinel Printers

UNION CARBIDE NUCLEAR COMPANY

[redacted] Division of Union Carbide [redacted] Corporation

Uravan, COLORADO

Purchased Ore LOAD DETAIL

INSERT GRADE

Hamilton Harris McDaniel Phillips Todd and Simpson Mining Co.

PERIOD 5-1 5-31-57

NAME

ADDRESS Grand Jct. Colo.

CLAIM Kayjah #68

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	LAB. ASSAY NO.	PER CENT MOISTURE	POUNDS DRY ORE	GRADE U_3O_8	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5
5-26	91737	53240	535457	4.2	51003.92	0.20	102.01	0.84	428.43
5-28	91878	46240	541457	5.6	43650.56	0.18	78.57	0.91	397.22
5-28	91882	51380	✓	5.6	48502.72	0.18	87.30	0.91	441.37
5-28	91884	50520	✓	5.0	47994.00	0.18	86.39	0.91	436.75
5-28	91886	49760	✓	5.0	47272.00	0.18	85.09	0.91	430.18
5-28	91952	58040	✓	4.5	55428.20	0.18	99.77	0.91	504.40
5-28	91953	42760	✓	3.9	41092.36	0.18	73.97	0.91	373.94
5-28	91954	46360	✓	4.5	44273.80	0.18	79.69	0.91	402.89
5-29	91002	36460	545457	4.5	35296.80	0.23	81.18	0.88	310.61
5-29	91004	41160	✓	4.5	39307.80	0.23	90.41	0.88	345.91
5-29	91006	54560	✓	4.3	52213.92	0.23	120.09	0.88	459.48
5-29	91013	48680	✓	3.5	46976.20	0.23	108.05	0.88	413.39
5-29	91017	51120	✓	5.8	48155.04	0.23	110.76	0.88	423.76
5-29	91018	43560	✓	5.8	41033.52	0.23	94.38	0.88	361.09
5-30	91156	62640	546457	5.4	59257.44	0.20	118.51	0.62	367.40
5-30	91158	50720		5.4	47981.12	0.24	115.15	0.82	393.45
5-30	91232	50880		3.4	49150.08	0.18	88.47	0.67	329.31
5-31	91276	50240		4.4	47838.24	0.17	81.33	0.66	315.73
5-31	91284	44120		4.3	42222.84	0.24	101.33	0.82	346.23
5-31	91285	42080		5.0	39976.00	0.24	95.94	0.82	327.80
5-31	91300	49720		3.6	47930.08	0.17	81.48	0.66	316.34
TOTAL		3078480		4.9	2928524.24	0.20	5844.56	1.00	29261.44

U. S. DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
224 New Customhouse
Denver 2, Colorado

June 10, 1957

Memorandum

To: Chairman, Operating Committee, DMEA
From: Executive Officer, DMEA Field Team, Region III
Subject: Royalty Payments, Docket DMEA 3649 (Uranium), Contract Idm-E812, Simpson Mining Company, et al (Rajah Group of Claims), Mesa County, Colorado
Period: May, 1957

Enclosed are settlement sheets for which royalty payments were received for ore or concentrates shipped from the subject property during the above month:

Date	Lot No.	Dry Tons	Royalty Due	Royalty Paid	Bonus Roy. Due	Bonus Roy. Pd.
1957						
5/2	7282	966.123	$2,004.32	$2,004.32	No bonus due	
5/3	7314	349.700	586.23	586.23		
Totals:		1315.823	$2,590.55	$2,590.55		

ORIGINAL FILE COPY
DMEA
RECEIVED JUN 28 1957

DATE	INITIALS	CODE
6/3	2WR	220
	~~KMM~~	~~900~~

Past Due Royalties Collected None

Total Dry Tons (Ore or Cons.) Shipped to Date 9143.066

W. H. King
~~Acting~~ Executive Officer

vj

cc: Konselman (2) w/settlement sheets
Royalty File E 812 w/settlement sheets
Monthly Royalty Payment File
Chron.

2E8

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station Rifle Colorado Rifle, Colorado May 2 - 57, 19

Liquidation No. 7287 Lot No. See load detail Shippers Lot No.

Bought of Hamilton, Harris McDaniel Phillips Dad + Simpson Mining Co A.E.C. License No. P-2856

Address Box 127, Grand Junction, Colorado

Type of Ore Carnotite Date Received 4-1-57 to 4-30-57

Mining Claim Rayah #67+68 Mining District Gateway Beaver Mesa Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS			CONTENTS POUNDS		
				U_3O_8 approx	V_2O_5 average	$CaCO_3$	U_3O_8	V_2O_5	$CaCO_3$
	20670.60	6.5	19322.46 38	0.29	1.31	—	5660.36	25324.20	—

PRICED PER A.E.C. CIRCULAR NO. 5 (revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	5660.36	3.50	966.12		19811.26	
Development Allowance	5660.36	.50	966.12		2830.18	
Excess 4 lbs. per ton Premium	1795.88	.75	966.12		1346.91	
Excess 10 lbs. per ton Premium						
Total U308 Payment						23988.35
V205 Payment	25324.20	.31	966.12		7850.50	
Total V205 Payment						7850.50
Less High Lime Penalty over 6% CaCo3						
Base Penalty						
.....%—.....% = ...% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 133 Miles 1033.53 Wet Tons @ .06 per wet ton mile						8247.57

Total U308, V205 and Haulage Payment 40086.42

E812

1980-3-55-Rifle Telegram

UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation
RIFLE, COLORADO

Purchased Ore LOAD DETAIL

PERIOD 4-1-57 - 4-30-57

NAME Simplex Mining Company ADDRESS

CLAIM Rajah #68-67

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	% H_2O	POUNDS DRY ORE	U_3O_8 GRADE	POUNDS U_3O_8	V_2O_5 GRADE	POUNDS V_2O_5	$CaCO_3$ GRADE	POUNDS $CaCO_3$
4-27	55289	42540	6.8	39647.28	0.32	126.87	1.47	582.82	4.2	1665.19
4-28	55292	41500	7.3	38470.50	0.32	123.11	1.47	565.52	4.2	1615.76
4-28	55299	40880	7.7	37732.24	0.32	120.74	1.47	554.66	4.2	1584.75
		2067060	6.5	1932246.38	0.29	5660.36	1.31	25324.20		—

TOTAL

OFFICIAL FILE COPY
DMEA
RECEIVED JUN 13 1957

DATE	INITIALS	CODE

1000-3-55-Rifle Telegram

UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation
RIFLE, COLORADO

Purchased Ore LOAD DETAIL

PERIOD 4-1-57 4-30-57

NAME Simpson Mining Company ADDRESS

CLAIM Virginia # 68 + 67

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	% H_2O	POUNDS DRY ORE	U_3O_8 GRADE	POUNDS U_3O_8	V_2O_5 GRADE	POUNDS V_2O_5	$CaCO_3$ GRADE	POUNDS $CaCO_3$
4-17	54998	45520	6.1	42743.28	0.26	111.13	1.36	581.31	3.9	1666.94
4-17	55001	42500	7.1	39482.50	0.33	130.29	1.57	619.88	4.0	1579.30
4-17	55002	49220	6.0	46266.80	0.27	124.92	1.45	670.87	3.8	1758.14
4-17	55003	47080	6.6	43972.72	0.27	118.73	1.45	637.60	3.8	1670.46
4-18	55014	43380	5.8	40863.96	0.26	106.25	1.36	555.75	3.9	1593.69
4-18	55028	47260	7.1	43904.54	0.27	118.54	1.45	636.62	3.8	1668.37
4-19	55030	43520	6.1	40865.28	0.26	106.25	1.36	555.77	3.9	1593.75
4-19	55038	45100	7.6	41672.40	0.26	108.35	1.36	566.74	3.9	1625.22
4-19	55047	48060	6.7	44839.98	0.26	116.58	1.36	609.82	3.9	1748.76
4-20	55057	40040	5.8	37717.68	0.28	105.61	1.33	501.65	4.0	1508.71
4-20	55067	50200	6.0	47188.00	0.28	132.13	1.33	627.60	4.0	1887.52
4-20	55070	38880	6.0	36547.20	0.28	102.33	1.33	486.08	4.0	1461.89
4-20	55071	36760	6.0	34554.40	0.28	96.75	1.33	459.57	4.0	1382.18
4-21	55099	48940	6.0	46003.60	0.28	128.81	1.33	611.85	4.0	1840.14
4-23	55171	47220	6.4	46069.92	0.30	138.21	1.32	608.12	4.8	2211.36
4-24	55191	46380	8.2	42576.84	0.36	153.28	1.31	557.76	3.8	1617.92
4-24	55207	44240	6.0	41585.60	0.35	145.55	1.58	657.05	4.3	1788.18
4-24	55209	46540	6.7	43421.82	0.36	156.32	1.31	568.83	3.8	1650.03
4-24	55210	32520	6.7	30341.16	0.36	109.23	1.31	397.47	3.8	1152.96
4-25	55211	28480	6.7	26571.84	0.36	95.66	1.31	348.09	3.8	1009.73
4-25	55231	46060	6.7	42973.98	0.36	154.71	1.31	562.96	3.8	1633.01
4-25	55234	48040	6.7	44821.32	0.36	161.36	1.31	587.16	3.8	1703.21
TOTAL		[illegible]		[illegible]		[illegible]		[illegible]		

1000-3-55-Rifle Telegram

UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation
RIFLE, COLORADO

Purchased Ore **LOAD DETAIL**

PERIOD

NAME Simpson Mining Company ADDRESS

CLAIM Mayah # 67 & 68

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	% H_2O	POUNDS DRY ORE	U_3O_8 GRADE	POUNDS U_3O_8	V_2O_5 GRADE	POUNDS V_2O_5	$CaCO_3$ GRADE	POUNDS $CaCO_3$
4-1	54507	38740	6.6	36183.16	0.29	104.93	1.58	571.67	2.9	1049.31
4-1	54511	37740	5.4	35513.34	0.29	102.99	1.58	561.11	2.9	1029.89
4-2	54551	43740	9.9	39409.74	0.25	98.52	1.28	504.44	3.7	1458.16
4-10	54802	49520	9.3	44914.64	0.23	103.30	0.92	413.21	4.0	1796.59
4-10	54804	51660	9.5	46752.30	0.23	107.53	0.92	430.12	4.0	1870.09
4-11	54817	42660	7.2	39588.48	0.23	91.05	0.92	364.21	4.0	1583.54
4-11	54834	47080	5.9	44302.28	0.23	101.90	0.92	407.58	4.0	1772.09
4-12	54852	46940	4.8	44686.88	0.27	120.65	1.34	598.80	4.0	1787.48
4-12	54860	54360	5.4	51424.56	0.27	138.85	1.34	689.09	4.0	2056.98
4-12	54861	42460	5.0	40337.00	0.27	108.91	1.34	540.52	4.0	1613.48
4-13	54846	41000	6.2	38458.00	0.27	103.84	1.34	515.34	4.0	1538.32
4-13	54871	50340	7.3	46665.18	0.27	126.00	1.34	625.31	4.0	1866.61
4-13	54873	45740	5.3	43315.78	0.34	147.27	1.17	506.79	4.2	1819.26
4-13	54816	49460	5.3	46838.62	0.34	159.25	1.17	548.01	4.2	1967.20
4-13	54877	43060	6.8	40131.92	0.27	108.36	1.34	537.77	4.0	1605.28
4-14	54889	44500	5.3	42141.50	0.34	143.28	1.17	493.06	4.2	1769.94
4-14	54891	47200	5.3	44698.40	0.34	151.97	1.17	522.97	4.2	1877.33
4-14	54895	40820	7.2	37880.96	0.27	102.28	1.34	507.60	4.0	1515.24
4-14	54902	40620	5.3	38467.14	0.34	130.79	1.17	450.07	4.2	1615.62
4-14	54904	26200	5.3	24811.40	0.34	84.36	1.17	290.29	4.2	1042.08
4-16	54964	42220	6.0	39686.80	0.29	115.09	1.31	519.90	3.6	1428.72
4-17	54980	48140	6.1	45203.46	0.26	117.53	1.36	614.77	3.9	1762.93
TOTAL	[illegible]	[illegible]		[illegible]		[illegible]		[illegible]		

18.
2

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station Uravan, Colo. ~~Rifle~~, Colorado, May 3, 19 57

Liquidation No. 7314 Lot No. See Land Detail Shippers Lot No.

Bought of Hamilton, Harris, McDavid, Phillips, Ladd & Simpson Mining Co. A.E.C. License No. 2856

Address Box 127, Grand Jct., Colo.

Type of Ore Carnotite Date Received X-1 X-30-57

Mining Claim Rasah 67 & 68 Mining District Gateway - Beaver Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
				Approx Average					
	753700	7.2	699400.02	0.24	1.27	-	1684.58	8889.72	—

PRICED PER A.E.C. CIRCULAR NO. 2 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	1684.58	3.50	349.70		5896.03	
Development Allowance	1684.58	.50	349.70		842.29	
Excess 4 lbs. per ton Premium	285.78	.75	349.70		214.34	
Excess 10 lbs. per ton Premium						
Total U308 Payment						6952.66
V205 Payment	8889.72	.31			2755.81	
Total V205 Payment						2755.81
Less High Lime Penalty over 6% CaCo3						
Base Penalty						
....%—....%=....% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance ....Miles 376.85 ....Wet Tons @ 5.35 per wet ton ~~mile~~						2016.15
Total U308, V205 and Haulage Payment						11724.62

E812

Sentinel Printers

UNION CARBIDE NUCLEAR COMPANY

A Division of Union Carbide and Carbon Corporation

Uravan, COLORADO

Purchased Ore LOAD DETAIL

INSERT GRADE

PERIOD 4-1 4-30-57

NAME Hamilton, Harris, McDaniel Ladd, Phillips and Simpson Mining Co. ADDRESS Grand Jct. Colo.

CLAIM Rojik #68, #67

	DATE SHIPPED	TICKET NUMBER	POUNDS ORE	LAB. ASSAY NO.	PER CENT MOISTURE	POUNDS DRY ORE	GRADE U_3O_8	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5
	4-4	86922	50180	331457	7.5	46416.50	0.25	116.04	1.37	635.91
68	4-17	88101	32280	388457	7.2	29955.84	0.40	119.82	2.00	599.12
67	4-24	88632	52600	402457	8.5	48129.00	0.28	134.76	1.44	693.06
68	4-24	88636	47000	✓	11.8	41454.00	0.14	58.04	1.05	435.27
68	4-24	88637	21560	410457	8.7	25162.28	0.24	60.39	1.39	349.76
68	4-24	88652	31400	402457	6.1	29484.60	0.16	47.18	1.35	398.04
68	4-24	88665	31120	✓	6.1	29221.68	0.16	46.75	1.35	394.49
68	4-15	88746	42080	410457	7.8	38797.76	0.24	93.11	1.39	539.29
68	4-25	88759	51000	✓	6.9	47481.00	0.24	113.95	1.39	659.99
68	4-2[illegible]	88746	44680	412457	6.3	46550.16	0.30	139.65	1.26	586.53
68	4-28	89012	45560	✓	6.9	42416.36	0.25	106.04	1.20	509.00
68	4-29	89097	49200	✓	6.2	46149.60	0.14	64.61	0.76	350.74
68	4-29	89112	51320	✓	7.6	47419.68	0.28	132.78	1.29	611.71
68	4-29	89113	47720	✓	7.6	44093.28	0.28	123.46	1.29	568.80
68	4-30	89200	48080	417457	7.0	44714.40	0.24	107.31	1.14	509.74
68	4-30	89205	51440	✓	3.2	49793.92	0.24	119.51	1.14	567.65
68	4-30	89220	45400	✓	7.3	42159.96	0.24	101.18	1.14	480.62
			753700		7.2	699400.02	0.24	1684.58	1.27	8889.72

DMEA
DEPARTMENT OF THE INTERIOR
MAY 13 1957
REGION III
DENVER, COLORADO

TOTAL

U. S. DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

224 New Customhouse
Denver 2, Colorado

Date: May 6, 1957

Memorandum

To: Chairman, Operating Committee, DMEA
From: Executive Officer, DMEA Field Team, Region III
Subject: Royalty payments, Docket DMEA 3649 (Uranium), Contract Idm-E812, Simpson Mining Company, et al (Rajah Group of Claims), Mesa County, Colorado
Period: April, 1957

Enclosed are settlement sheets for which royalty payments were received for ore or concentrates shipped from the subject property during the above month:

Date	Lot No.	Dry Tons	Royalty Due	Royalty Paid	Bonus Roy. Due	Bonus Roy. Pd.
1957						
4/4	7229	909.919	$2,000.26	$2,000.26	No bonus due	
4/5	7239	578.663	976.76	976.76		
Totals:		1488.582	$2,977.02	$2,977.02		

OFFICIAL FILE COPY
D M E A
RECEIVED 1957
DATE | CODE
5/9 | 220
700

Past Due Royalties Collected None

Total Dry Tons (Ore or Cons.) Shipped to Date 7827,243

E. M. Hendrickson

~~XXXXXXXXXXXX~~
Acting Executive Officer

vj
cc: Royalty File E812 w/settlement sheets
Monthly Royalty Payment File
J. F. Shaw (2) w/settlement sheet
Chron.

2 SH

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station Rifle Colorado — Rifle, Colorado, April 4 -57, 19

Liquidation No. 7229 — Lot No. — Shippers Lot No.

Bought of Hamilton, Harris, McDavid, Phillips, Dodd + Simpson — A.E.C. License No. P-2856

Address Mining Company. Box 127 Grand Junction, Colorado

Type of Ore Carnotite — Date Received 3-1-57 - 3-31-57

Mining Claim Rayah 67 + 68 — Mining District Gateway Beaver Mesa — Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS			CONTENTS POUNDS		
				U_3O_8 average	V_2O_5 average	$CaCO_3$	U_3O_8	V_2O_5	$CaCO_3$
	1957520	7.0	1819838.56	0.32	1.07	—	5804.14	19525.66	—

PRICED PER A.E.C. CIRCULAR NO. 5 (revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	5804.14	3.50	909.92		20314.49	
Development Allowance	5804.14	.50	909.92		2902.07	
Excess 4 lbs. per ton Premium	2164.46	.75	909.92		1623.35	
Excess 10 lbs. per ton Premium						
Total U308 Payment						24839.91
V205 Payment	19525.66	.31	909.92		6052.95	
Total V205 Payment						6052.95
Less High Lime Penalty over 6% CaCo3						
Base Penalty						
....% — ....% = ...% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 133 Miles 918.76 Wet Tons @ .070 per wet ton mile						9112.26
Total U308, V205 and Haulage Payment						40005.12

E812

1000-3-55-Rifle Telegram

UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation
RIFLE, COLORADO

Purchased Ore — LOAD DETAIL

RECEIVED MAY 8 1957 D.M.E.A.

PERIOD 3-1-57 - 3-

NAME Hamilton, Harris McDavid, Phillips, Todd & Simpson Mining Company ADDRESS

CLAIM Eagle #68 + 67

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	% H_2O	POUNDS DRY ORE	U_3O_8 GRADE	POUNDS U_3O_8	V_2O_5 GRADE	POUNDS V_2O_5	$CaCO_3$ GRADE	POUNDS $CaCO_3$
3-1	53714	48260	6.8	44978.32	0.36	161.92	0.83	373.32	3.9	1754.15
3-3	53750	32920	6.8	30681.44	0.36	110.45	0.83	254.66	3.9	1196.58
3-4	53771	42740	6.8	39833.68	0.21	83.65	0.75	298.75	4.4	1752.68
3-5	53806	37400	6.8	37186.80	0.31	115.28	0.96	356.99	3.1	1152.79
3-4	53793	39940	6.4	37383.84	0.30	112.15	0.99	370.10	4.4	1644.89
3-13	54053	41620	6.8	38789.84	0.29	112.49	0.84	325.83	4.6	1784.33
3-14	54057	44840	7.3	41566.68	0.31	128.86	0.93	386.57	3.7	1532.97
3-15	54084	31260	6.4	29259.36	0.49	143.37	1.29	377.45	3.5	1024.08
3-15	54104	48600	3.2	47044.80	0.59	277.56	1.54	724.49	4.0	1881.79
3-15	54107	43800	8.1	40252.20	0.59	237.49	1.54	619.88	4.0	1610.09
3-15	54110	47580	5.3	45058.26	0.59	265.84	1.54	693.90	4.0	1802.33
3-16	54117	42340	8.9	38571.74	0.35	135.00	1.23	474.43	3.5	1350.01
3-16	54135	45020	5.6	42498.88	0.35	148.75	1.23	522.74	3.5	1487.46
3-16	54136	48280	5.7	45528.04	0.35	159.35	1.23	559.99	3.5	1593.48
3-16	54161	50660	8.7	46252.58	0.29	134.13	1.07	494.90	3.2	1480.08
3-18	54179	30560	6.5	28573.60	0.29	82.86	1.07	305.74	3.2	914.36
3-18	54181	56680	7.4	52485.68	0.39	204.69	0.97	509.11	3.9	2046.94
3-18	54191	42080	5.0	39976.00	0.33	131.92	0.90	359.78	3.8	1519.09
3-18	54192	29020	9.0	26408.20	0.29	76.58	1.07	282.57	3.2	845.06
3-19	54194	46740	8.0	43000.80	0.30	129.00	1.14	490.21	3.5	1505.03
3-19	54198	50100	9.4	45390.60	0.25	113.48	0.91	413.05	4.1	1861.01
3-19	54200	47600	8.2	43696.80	0.30	131.09	1.14	498.14	3.5	1529.39
TOTAL										

1000-3-55 Rifle Telegram

(2)

UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation
RIFLE, COLORADO

Purchased Ore LOAD DETAIL

PERIOD 3-15-57 3-

NAME Hamilton, Harris, McDavid, Phillips Lodd + Simpson Mining Company ADDRESS

CLAIM Raidh # 68 + 67

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	% H_2O	POUNDS DRY ORE	U_3O_8 GRADE	POUNDS U_3O_8	V_2O_5 GRADE	POUNDS V_2O_5	$CaCO_3$ GRADE	POUNDS $CaCO_3$
3-19	54206	47840	8.4	43913.04	0.30	131.74	1.14	500.61	3.5	1536.96
3-19	54219	43240	7.8	39867.28	0.31	123.59	0.93	370.77	3.7	1475.09
3-19	54224	46160	7.4	42744.16	0.25	106.86	0.91	388.97	4.1	1752.51
3-19	54225	43800	7.4	40558.80	0.25	101.40	0.91	369.09	4.1	1662.91
3-19	54227	32180	7.1	29895.22	0.30	89.69	1.14	340.81	3.5	1046.33
3-20	54228	48260	8.0	44399.20	0.33	146.52	0.90	399.59	3.8	1687.17
3-20	54234	45080	6.8	42014.56	0.33	138.65	0.90	378.13	3.8	1596.55
3-21	54253	43520	7.4	40299.52	0.30	120.90	0.93	374.79	4.6	1853.78
3-21	54218	47140	10.0	42426.00	0.30	127.28	0.93	394.56	4.6	1951.60
3-22	54279	31700	6.5	29639.50	0.28	82.99	1.29	382.35	4.4	1304.14
3-24	54317	49920	7.7	46076.66	0.23	105.98	0.75	345.57	3.8	1750.89
3-24	54318	40260	7.5	37240.50	0.23	85.65	0.75	279.30	3.8	1415.14
3-25	54343	48160	6.2	45174.08	0.22	99.38	0.75	338.81	3.2	1445.57
3-26	54351	49120	8.2	45642.96	0.27	123.24	0.72	328.63	3.4	1551.86
3-26	54371	45480	7.1	42250.92	0.24	109.85	1.05	443.63	3.7	1563.28
3-27	54384	46440.60		43653.60	0.26	113.50	1.05	458.36	3.7	1615.18
3-28	54423	48300	5.2	45788.40	0.28	128.21	1.38	631.88	3.9	1785.75
3-28	54429	42940	7.1	39909.84	0.30	119.73	1.19	474.93	3.2	1277.11
3-29	54451	44060.56		41592.64	0.30	124.78	1.19	494.95	3.2	1330.96
3-29	54456	47420	5.2	44954.16	0.28	125.87	1.38	620.37	3.9	1753.21
3-30	54493	46060	6.6	43296.40	0.28	121.23	1.38	597.47	3.9	1688.56
3-30	54498	50460	7.8	46524.12	0.28	130.27	1.38	642.03	3.9	1814.44
TOTAL						5153.[illegible]		19248.32		60[illegible]2.57

1000-3-55-Rifle Telegram

UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation
RIFLE, COLORADO

Purchased Ore **LOAD DETAIL**

PERIOD 3-1-57 - 3-31-57

NAME Hamilton, Harris, McDavid, Phillips Dodd + Simpson Mining Company ADDRESS Grand Junction, Colorado

CLAIM Raish #68 + 67

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	% H_2O	POUNDS DRY ORE	U_3O_8 GRADE	POUNDS U_3O_8	V_2O_5 GRADE	POUNDS V_2O_5	$CaCO_3$ GRADE	POUNDS $CaCO_3$
3-31	54506	18720	6.2	17559.36	0.29	50.92	1.58	277.44	2.9	508.82
		1959520	7.0	1819838.56	0.32	5804.14	1.07	19525.66		68641.80

TOTAL

10
2

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station Uravan, Colo. Uravan, Colorado APRIL 5 19 57
Liquidation No. 7239 Lot No. See Load Detail Shippers Lot No.
Bought of HAMILTON, HARRIS & DAVID PHILLIPS, LADD & SIMPSON M. CO. A.E.C. License No. P-285
Address C/o SIMPSON MINING CO. Box 127 Grand Jct., Colo.
Type of Ore Carnotite Date Received 3-1 3-31-57
Mining Claim RAJAH 67 & 68 Mining District Gateway Beaver Mesa Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
	1447780	5.7	1173475.74	approx average 0.45	1.14	—	937.79	13007.44	—

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	937.79	3.50	578.66		10484.47	
Development Allowance	937.79	.50	578.66		1468.90	
Excess 4 lbs. per ton Premium	673.15	.75	578.66		467.36	
Excess 10 lbs. per ton Premium						
Total U308 Payment						14418.53
V205 Payment	13007.44	.31			4034.31	
Total V205 Payment						4034.31
Less High Line Penalty over 6% CaCo3						
Base Penalty						
——%———%=——% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance ——— Miles 613.89 Wet Tons @ 5.35 per wet ton ~~mile~~						3284.31
Total U3O8, V2O5 and Haulage Payment						19535.15

E 818

1-56—5M the Sentinel Printers

UNION CARBIDE NUCLEAR COMPANY

A Division of Union Carbide and Carbon Corporation

Uravan, COLORADO

Purchased Ore LOAD DETAIL

INSERT GRADE

PERIOD 3-15 3-31-57

NAME Hamilton Harris McQuiid Phillips Ladd and Thompson Mining Co.

ADDRESS Grand Jct. Colo.

CLAIM Kajik #68 — #67

	DATE SHIPPED	TICKET NUMBER	POUNDS ORE	LAB. ASSAY NO.	PER CENT MOISTURE	POUNDS DRY ORE	GRADE U_3O_8	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5
	3-21	85700	26500	284457	6.2	24857.00	0.13	32.31	0.53	131.74
	3-21	85702	33220	✓	5.8	31293.24	0.13	40.68	0.53	165.85
67	3-25	86045	44300	294457	6.3	41509.10	0.20	83.02	0.90	373.58
1	3-26	86056	42280	296457	6.3	39616.36	0.28	110.93	0.76	301.08
67	3-26	86118	45820	✓	6.1	43024.98	0.21	90.35	0.68	292.57
67	3-26	86153	58600	297457	5.6	55318.40	0.23	127.23	1.28	708.08
	3-27	86174	43440	✓	5.2	41181.12	0.20	82.36	0.82	337.69
	3-27	86206	29600	301457	4.7	28208.80	0.26	73.34	1.26	355.43
	3-27	86208	29720	✓	4.7	28323.16	0.26	73.64	1.26	356.87
	3-27	86228	44680	297457	5.4	42267.28	0.20	84.53	0.82	346.59
	3-27	86247	31120	✓	6.7	29034.96	0.20	58.07	0.82	238.09
67	3-28	86295	42880	301457	5.0	40736.00	0.29	118.13	1.14	464.39
67	3-28	86310	26680	✓	5.4	25239.28	0.29	73.19	1.14	287.73
67	3-28	86319	37760	✓	3.7	36362.88	0.24	105.45	1.14	414.54
67	3-28	86329	37880	✓	6.1	35569.32	0.29	103.15	1.14	405.49
	3-28	86341	54200	✓	6.1	50893.80	0.29	147.59	1.14	580.19
	3-28	86397	43240	✓	10.4	38743.04	0.29	112.35	1.14	441.67
	3-28	86398	46500	✓	10.4	41664.00	0.29	120.83	1.14	474.97
	3-29	86409	43600	✓	5.4	41245.60	0.26	107.24	1.22	503.20
67	3-29	86441	42040	✓	4.4	40190.24	0.26	104.49	1.22	490.32
	3-29	86474	29720	✓	4.9	28263.72	0.26	73.49	1.22	344.82
	3-30	86665	43280	304457	3.9	41592.08	0.26	108.14	1.46	607.24
	TOTAL									

U. S. DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

224 New Customhouse
Denver 2, Colorado

Date: April 4, 1957

Memorandum

To: Chairman, Operating Committee, DMEA
From: Executive Officer, DMEA Field Team, Region III
Subject: Royalty payments, Docket DMEA 3649 (Uranium), Contract Idm-E812, Simpson Mining Company, et al (Rajah Group of Claims), Mesa County, Colorado
Period: March , 1957

Enclosed are settlement sheets for which royalty payments were received for ore or concentrates shipped from the subject property during the above month:

Date	Lot No.	Dry Tons	Royalty Due	Royalty Paid	Bonus Roy. Due	Bonus Roy. Pd.
1957						
3/4	7142	437.746	$648.88	$648.88	No bonus due	
3/6	7172	977.281	3,059.98	3,059.98		
3/15	7142 (Corr.)		8.23	8.23		
Totals:		1415.027	$3,717.09	$3,717.09		

OFFICIAL FILE COPY
DMEA
RECEIVED APR 8 1957

DATE	INITIALS	CODE
4/8	C	220
	~~Murphy~~	~~700~~

Past Due Royalties Collected None

Total Dry Tons (Ore or Cons.) Shipped to Date 6338.661

E. M. Hershman
~~XXXXXXXXXXXX~~
Acting Executive Officer

vj
cc: Royalty File E 812 w/settlement sheets
Monthly Royalty Payment File
J. F. Shaw (2) w/settlement sheets
Chron.

2

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station Uravan, Colo. Uravan, Colorado, March 4 1957
Liquidation No. 7142 Lot No. See Load Detail Shippers Lot No.
Bought of Hamilton, Harris, McDavid, Phillips, Ladd & Simpson Mining Co. A.E.C. License No. 2856
Address % Simpson Mining Co. Box 127 Grand Jct., Colo.
Type of Ore Carnotite Date Received V-1 V-V8-57
Mining Claim Rajah 67 & 68 Mining District Gateway - Beaver Mesa Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	V_2O_5	$CaCO_3$	CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_3$
	940260	6.9	875491.30	0.21	approx average 1.13	—	1865.55	9931.73	—

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	1865.55	3.50	437.75		6529.43	
Development Allowance	1865.55	.50	437.75		932.78	
Excess 4 lbs. per ton Premium	114.55	.75	437.75		85.91	
Excess 10 lbs. per ton Premium						
Total U308 Payment						7548.12
V205 Payment	9931.73	.31			3078.87	
Total V205 Payment						3078.87
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance ___ Miles 470.13 Wet Tons @ 5.00 per wet ton ~~mile~~						2350.65
Total U3O8, V2O5 and Haulage Payment						12977.61

E812

1-56— SM the Sentinel Printers

UNION CARBIDE NUCLEAR COMPANY

A Division of Union Carbide and Carbon Corporation

Uravan, COLORADO

Purchased Ore LOAD DETAIL

INSERT GRADE

PERIOD V-1 V-V8-57

NAME Hamilton, Harris McDaniel, Phillips & Todd and Simpson Mining Co. ADDRESS Grand Jct. Colo.

CLAIM Kayak #68 #67

	DATE SHIPPED	TICKET NUMBER	POUNDS ORE	LAB. ASSAY NO.	PER CENT MOISTURE	POUNDS DRY ORE	GRADE U_3O_8	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5
68	V-1	80957	40170	99457	6.5	37512.20	0.V4	90.03	1.18	442.64
67	V-1	80964	43960	✓	7.5	40663.00	0.V1	85.39	0.53	215.51
68	V-V	81079	44800	107457	6.1	42067.20	0.V1	88.34	1.51	635.21
67	V-4	81761	50360	✓	9.1	45777.24	0.VV	100.71	1.45	663.77
68	V-8	81667	30360	✓	7.0	28234.80	0.37	104.47	1.61	454.58
68	V-8	81706	37970	115457	6.4	35493.12	0.V1	74.54	1.09	386.88
68	V-9	81775	3V170	127457	6.9	29903.72	0.V1	62.80	1.09	325.95
68	V-9	81780	36400	✓	6.9	33888.40	0.V1	71.17	1.09	369.38
68	V-9	81818	30800	✓	6.6	28767.20	0.V1	60.41	1.09	313.55
68	V-9	81876	29840	✓	6.4	27930.24	0.V1	58.65	1.09	304.44
68	V-10	81858	30780	✓	9.1	27524.52	0.V1	57.80	1.09	300.02
68	V-10	81879	49880	✓	6.8	46488.16	0.V1	97.63	1.09	506.72
68	V-10	81880	50440	✓	6.8	47010.08	0.V1	98.72	1.09	512.41
68	V-10	81893	30970	127457	5.5	29219.40	0.V3	67.20	1.33	388.62
68	V-10	81917	36080	✓	6.0	33915.20	0.V3	78.00	1.33	451.07
68	V-11	81937	29760	✓	7.0	27676.80	0.V1	58.12	1.09	301.68
68	V-11	81949	40800	✓	7.0	37944.00	0.V1	79.68	1.09	413.59
68	V-11	81950	49970	✓	6.1	46874.88	0.V1	98.44	1.09	510.94
68	V-11	81951	51780	✓	7.0	47970.40	0.V1	100.15	1.09	519.83
68	V-11	81973	36570	✓	5.3	34584.44	0.V1	72.63	1.09	376.97
68	V-11	81986	45480	✓	6.4	42567.28	0.V1	89.4[illegible]	1.09	464.01
67	V-11	81994	33760	✓	5.3	31970.72	0.V4	76.73	1.17	358.07
TOTAL		Carried on next sheet								

Sentinel Printers

UNION CARBIDE NUCLEAR COMPANY

A Division of Union Carbide and Carbon Corporation

_____, COLORADO

LOAD DETAIL

INSERT GRADE

PERIOD _____

NAME Hamilton, Harris, McDavid, Phillips, Ladd & Simpson Mining Co. ADDRESS Grand Jct Colo

CLAIM Kajah #67, 68

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	LAB. ASSAY NO.	PER CENT MOISTURE	POUNDS DRY ORE	GRADE U_3O_8	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5
68 2-12	82046	47260	18457	9.5	42770.30	0.16	68.43	1.07	457.64
68 2-14	82231	31200		2.0	29016.00	0.09	26.11	0.89	258.24
		94060		6.9	87549.30	0.21	1865.55	1.13	9931.73

RECEIVED APR 8 1957 D.M.E.A.

TOTAL

2 EA

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station Rifle, Colorado — Rifle, Colorado, March 6, 1957

Liquidation No. 7197 — Lot No. see load detail — Shippers Lot No.

Bought of Hamilton, Harris, McDavid, Phillips, Lodd + — A.E.C. License No. P-2856

Address Simpson Mining Co. Box 127 Grand Junction Colorado

Type of Ore Carnotite — Date Received

Mining Claim Rajah #68 — Mining District Gateway Beaver Mesa — Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS			CONTENTS POUNDS		
				U_3O_8 approx	V_2O_5 average	$CaCO_3$	U_3O_8	V_2O_5	$CaCO_3$
	2105340	7.2	1954562.42	0.49	1.27	—	9614.39	24783.14	—

PRICED PER A.E.C. CIRCULAR NO. 5 (revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	9614.39	3.50	977.28		33650.37	
Development Allowance	9614.39	.50	977.28		4807.20	
Excess 4 lbs. per ton Premium	5705.27	.75	977.28		4278.95	
Excess 10 lbs. per ton Premium						
Total U308 Payment						42736.52
V205 Payment	24783.14	.31	977.28		7682.77	
Total V205 Payment						7682.77
Less High Lime Penalty over 6% CaCo3						
Base Penalty						
.....%—.....% = ...% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 133 Miles 1052.67 Wet Tons @ .077 per wet ton mile						10780.39
Total U308, V205 and Haulage Payment						61199.68

E815

1000-3-55-Rifle Telegram

(1)

UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation
RIFLE, COLORADO

Purchased Ore LOAD DETAIL

PERIOD 2-1-57 thru 2-28-57

NAME Hamilton, Harris, McDowell, Phillips, Todd, + Jumper Mining Co. ADDRESS Grand Junction Colo

CLAIM Tiger #6

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	% H_2O	POUNDS DRY ORE	U_3O_8 GRADE	POUNDS U_3O_8	V_2O_5 GRADE	POUNDS V_2O_5	$CaCO_3$ GRADE	POUNDS $CaCO_3$
2-12	53193	50260	5.9	47294.66	0.65	367.42	1.75	827.66	3.2	1513.42
2-12	53198	46500	6.6	43431.00	0.65	282.30	1.75	760.04	3.2	1389.79
2-12	53218	43120	7.3	39972.24	0.65	259.82	1.75	699.51	3.2	1279.11
2-12	53220	44365	7.2	41166.03	0.65	267.58	1.75	720.41	3.2	1317.31
2-12	53225	31180	6.1	29278.02	0.65	190.31	1.75	512.37	3.2	936.90
2-13	53226	23860	5.6	22543.84	0.60	163.46	0.81	220.68	4.0	1089.75
2-14	53274	47200	6.1	44320.80	0.54	239.33	1.28	567.31	3.6	1595.55
2-14	53285	52300	6.0	49162.00	0.54	265.47	1.13	555.53	3.4	1671.51
2-14	53291	48880	5.6	46142.72	0.54	249.17	1.13	521.41	3.4	1568.85
2-14	53294	47760	7.7	44082.48	0.54	238.05	1.28	564.26	3.6	1586.97
2-15	53320	48440	7.1	45465.26	0.54	245.51	1.13	513.76	3.4	1545.82
2-16	53326	44120	6.5	41252.20	0.60	247.51	1.95	804.42	3.5	1443.83
2-16	53338	48640	7.9	44797.44	0.60	268.78	1.95	873.55	3.5	1567.91
2-16	53348	50820	7.3	47110.14	0.60	282.66	1.95	918.65	3.5	1648.85
2-17	53350	49680	7.3	46053.36	0.60	276.32	1.95	898.04	3.5	1611.87
2-17	53356	46460	6.1	43625.94	0.60	261.76	1.95	850.71	3.5	1526.91
2-17	53368	47620	7.3	44143.74	0.60	264.86	1.95	860.80	3.5	1545.03
2-18	53374	34620	7.0	32196.60	0.46	148.10	1.61	518.37	3.3	1062.49
2-18	53377	49160	8.4	45030.56	0.47	211.64	1.35	607.91	3.2	1440.98
2-18	53380	44620	8.6	40800.96	0.46	187.68	1.61	656.90	3.3	1346.43
2-18	53381	47380	8.6	44219.32	0.46	203.41	1.61	711.93	3.3	1459.24
2-19	53417	51680	7.3	47907.36	0.47	225.16	1.35	646.75	3.2	1533.04
TOTAL		10051[illegible]		24[illegible].72		[illegible]		14801.[illegible]		31481.5[illegible]

1000-3-55-Rifle Telegram

(2)

UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation
RIFLE, COLORADO

Purchased Ore LOAD DETAIL

Hamilton Hans, Mc David, Phillips, Ludd, + PERIOD 2-1-57 thru 2-28-57

NAME Simpson Mining Co. ADDRESS Grand Junction Colo

CLAIM Gayle # 68

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	% H_2O	POUNDS DRY ORE	U_3O_8 GRADE	POUNDS U_3O_8	V_2O_5 GRADE	POUNDS V_2O_5	$CaCO_3$ GRADE	POUNDS $CaCO_3$
2-19	53441	48800	8.2	44064.00	0.47	207.10	1.35	594.86	3.2	1410.05
2-20	53465	46640	7.2	43281.92	0.48	207.75	1.08	467.44	4.9	2120.81
2-20	53474	50220	8.7	45850.86	0.41	187.99	0.98	449.34	4.4	2017.44
2-20	53475	46260	8.7	42235.38	0.41	173.17	0.98	413.91	4.4	1858.36
2-20	53479	47320	8.0	43534.40	0.36	156.72	0.93	404.87	3.5	1523.70
2-21	53481	48640	7.2	45137.92	0.36	162.50	0.93	419.78	3.5	1579.76
2-21	53488	42260	7.0	39301.80	0.41	161.14	0.98	385.16	4.4	1729.28
2-21	53485	44340	7.0	41236.20	0.36	148.45	0.93	383.50	3.5	1443.27
2-21	53500	24980	7.2	23181.44	0.48	111.27	1.08	250.36	4.9	1135.89
2-21	53501	49160	5.6	46407.04	0.41	190.27	0.98	454.79	4.4	2041.91
2-22	53511	47080	6.3	44113.96	0.41	180.87	0.98	432.32	4.4	1941.01
2-22	53521	49800	7.9	45865.80	0.36	165.12	0.93	426.55	3.5	1605.30
2-22	53523	43440	7.0	40399.20	0.36	145.44	0.93	375.71	3.5	1413.97
2-23	53532	42460	6.4	39747.56	0.48	190.76	0.85	337.81	3.5	1390.99
2-23	53536	44240	7.1	41098.96	0.48	197.28	0.85	349.34	3.5	1438.46
2-23	53542	27220	6.9	25341.82	0.48	121.64	0.85	215.41	3.5	886.96
2-24	53553	47520	8.6	43433.28	0.48	208.48	0.85	369.18	3.5	1520.16
2-24	53554	49060	8.1	45086.14	0.48	216.41	0.85	383.23	3.5	1578.01
2-25	53596	44720	6.4	41857.92	0.40	167.43	1.05	439.51	3.5	1465.03
2-25	53597	46580	6.4	43598.88	0.42	183.12	0.98	427.27	3.2	1395.16
2-26	53626	44940	7.0	41794.20	0.42	175.54	0.98	409.58	2.9	1212.03
2-26	53629	44560	7.0	41440.80	0.42	174.05	0.98	406.12	2.9	1201.78
TOTAL		2032740		1890301.30		7112.79		[illegible].49		45570.44

Rifle Telegram

UNITED STATES VANADIUM COMPANY

A Division of Union Carbide and Carbon Corporation

RIFLE, COLORADO

Purchased Ore LOAD DETAIL

PERIOD 2-1-57 thru 2-28-57

NAME Hamilton Harris, McDaniel, Phillips, Ladd, & Simpson Mining Co ADDRESS Grand Junction Colo

CLAIM Rajah 68

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	% H_2O	POUNDS DRY ORE	U_3O_8 GRADE	POUNDS U_3O_8	V_2O_5 GRADE	POUNDS V_2O_5	$CaCO_3$ GRADE	POUNDS $CaCO_3$
2-28	53672	27860	6.8	25965.52	0.42	109.06	1.06	275.23	3.9	1012.66
2-28	53692	46480	7.3	43086.96	0.45	193.89	1.05	452.41	2.9	1249.52
2-28	53694	46380	7.7	42808.74	0.45	192.64	1.05	449.49	2.9	1241.45
		21053.40	7.2	195456.42	0.44	9614.39	1.27	24783.14	—	49094.47

TOTAL

1X 2

Corrected

UNION CARBIDE NUCLEAR COMPANY

A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station Uravan Colo. Uravan, Colorado, March 14 19 57

Liquidation No. 71X (Corrected) Lot No. See Load Detail Shippers Lot No.

Bought of Hamilton, Harris, McDavid, Phillips, Ladd & Simpson Mi. Co. A.E.C. License No. V856

Address C/o Simpson Mining Co. Box 127 Grand Jct. Colo.

Type of Ore Carnotite Date Received V-1 V-V8-57

Mining Claim Rajah 67 & 68 Mining District Gateway Beaver Mesa Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
	940V60	6.9	875X91.30	0.V1	Approx Average 1.13	—	1865.55	993/.73	—

PRICED PER A.E.C. CIRCULAR NO.

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	1865.55	3.50	X37.75		6529.X3	
Development Allowance	1865.55	.50	X37.75		93V.78	
Excess 4 lbs. per ton Premium	11X.55	.75	X37.75		85.91	
Excess 10 lbs. per ton Premium						
Total U308 Payment						75X8.1V
V205 Payment	993/.73	.31			3078.8X	
Total V205 Payment						3078.8X
Less High Line Penalty over 6% CaCo3						
Base Penalty						
——%———%=——% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance ——— Miles 470.13 Wet Tons @ 1.35 per wet ton ~~mile~~						25/5.V0
Total U3O8, V2O5 and Haulage Payment						13/4V.16

RECEIVED APR 8 1957 D.M.E.A.

1-50—5M the Sentinel Printers

UNION CARBIDE NUCLEAR COMPANY

A Division of Union Carbide and Carbon Corporation

Uravan, COLORADO

Purchased Ore LOAD DETAIL

INSERT GRADE

PERIOD V-1 V-V8-57

NAME Hamilton, Harris McDaniel, Phillips Ladd and Simpson Mining Co. ADDRESS Grand Jct. Colo.

CLAIM Rajah #68 #67

	DATE SHIPPED	TICKET NUMBER	POUNDS ORE	LAB. ASSAY NO.	PER CENT MOISTURE	POUNDS DRY ORE	GRADE U_3O_8	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5
68	V-1	80957	40120	99457	6.5	37512.20	0.24	90.03	1.18	442.64
67	V-1	80964	43960	✓	7.5	40663.00	0.21	85.39	0.53	215.51
68	V-2	81029	44800	107457	6.1	42067.20	0.21	88.34	1.51	635.21
67	V-4	81261	50360	✓	9.1	45777.24	0.22	100.71	1.45	663.77
68	V-8	81667	30360	✓	7.0	28234.80	0.37	104.47	1.61	454.58
68	V-8	81206	37920	115457	6.4	35493.12	0.21	74.54	1.09	386.88
68	V-9	81775	32120	127457	6.9	29903.72	0.21	62.80	1.09	325.95
68	V-9	81780	36400	✓	6.9	33888.40	0.21	71.17	1.09	369.38
68	V-9	81818	30800	✓	6.6	28767.20	0.21	60.41	1.09	313.56
68	V-9	81826	29840	✓	6.4	27930.24	0.21	58.65	1.09	304.44
68	V-10	81858	30280	✓	9.1	27524.52	0.21	57.80	1.09	300.02
68	V-10	81879	49880	✓	6.8	46488.16	0.21	97.63	1.09	506.72
68	V-10	81880	50440	✓	6.8	47010.08	0.21	98.72	1.09	512.41
68	V-10	81893	30920	127457	5.5	29219.40	0.23	67.20	1.33	388.62
68	V-10	81912	36080	✓	6.0	33915.20	0.23	78.00	1.33	451.07
68	V-11	81937	29760	✓	7.0	27676.80	0.21	58.12	1.09	301.68
68	V-11	81949	40800	✓	7.0	37944.00	0.21	79.68	1.09	413.59
68	V-11	81950	49920	✓	6.1	46874.88	0.21	98.44	1.09	510.94
68	V-11	81951	51280	✓	7.0	47690.40	0.21	100.15	1.09	519.83
68	V-11	81973	36520	✓	5.3	34584.44	0.21	72.63	1.09	376.97
68	V-11	81986	45480	✓	6.4	42569.28	0.21	89.40	1.09	464.01
67	V-11	81994	33760	✓	5.3	31970.72	0.24	76.73	1.12	358.07

TOTAL Carried to next sheet

U. S. DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

224 New Customhouse
Denver 2, Colorado

Date: March 7, 1957

Memorandum

To: Chairman, Operating Committee, DMEA
From: Executive Officer, DMEA Field Team, Region III
Subject: Royalty payments, Docket DMEA 3649 (Uranium), Contract Idm-E812 Simpson Mining Company, et al (Rajah Group of Claims) Mesa County, Colorado
Period: February, 1957

Enclosed are settlement sheets for which royalty payments were received for ore or concentrates shipped from the subject property during the above month:

Date	Lot No.	Dry Tons	Royalty Due	Royalty Paid	Bonus Roy. Due	Bonus Roy. Pd.
1957						
2/6	7094	864.175	$1,624.49	$1,624.49		
2/5	7078	619.536	974.99	974.99		
2/12	7098	43.629	64.29	64.29		
Totals:		1527.340	$2,663.77	$2,663.77		

OFFICIAL FILE COPY
DMEA
RECEIVED MAR 11 1957

DATE	INITIALS	CODE
3/11	C	220
~~3/11~~	~~Murphy~~	~~700~~

Past Due Royalties Collected None

Total Dry Tons (Ore or Cons.) Shipped to Date 4923.634

R M Hershman

for W. M. Traver

vj
cc: Royalty File E 812 w/settlement sheets
Monthly Royalty Payment File
J. F. Shaw (2) w/settlement sheets
Chron.

22A

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station Rifle Colorado — Rifle, Colorado, Feb 6, 1957

Liquidation No. 7094 — Lot No. See grade detail — Shippers Lot No.

Bought of Hamilton, Harris, McDavid, Phillips, Todd — A.E.C. License No. P-2856

Address Lumpson Mining Co. Box 127 Grand Junction Colorado

Type of Ore — Date Received 1-16-57 1-31-57

Mining Claim Rayoh 67, Rayoh 68 — Mining District Gateway Beaver Mesa — Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
				applied	Lovejoy				
	1891480	8.4	1728350.86	0.27	0.70		4744.51	12068.27	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	4744.51	3.50	864.18		16605.79	
Development Allowance	4744.51	.50	864.18		2372.26	
Excess 4 lbs. per ton Premium	1287.79	.75	864.18		965.84	
Excess 10 lbs. per ton Premium						
Total U308 Payment						19943.89
V205 Payment	12068.27	.31	864.18		3741.16	
Total V205 Payment						3741.16
Less High Lime Penalty over 6% CaCo3						
Base Penalty						
.....%—.....% = ...% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 133 Miles 945.74 Wet Tons @ .07 per wet ton mile						8804.84
Total U308, V205 and Haulage Payment						32489.89

E812

1000-3-55-Rifle Telegram

UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation
RIFLE, COLORADO

RECEIVED MAR 11 1957 D.M.E.A.

Purchased Ore LOAD DETAIL

PERIOD 1-1-57 thru 1-31-57

NAME Hamilton, Harris, McDavid, Phillips, Ladd, and Simpson Mining Co ADDRESS Grand Junction, Colo

CLAIM Rajah 67, Rajah 68

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	% H_2O	POUNDS DRY ORE	U_3O_8 GRADE	POUNDS U_3O_8	V_2O_5 GRADE	POUNDS V_2O_5	$CaCO_3$ GRADE	POUNDS $CaCO_3$
1-4	51810	25340	6.7	23642.22	0.28	66.20	0.43	101.66	4.9	
68 1-4	51827	48400	18.7	39349.20	0.17	66.89	0.65	255.72	4.0	
68 1-4	51832	47500	8.4	43510.00	0.17	73.97	0.65	282.82	4.0	
68 1-5	51845	40700	9.2	36955.60	0.26	96.08	0.77	284.56	4.0	
68 1-5	51851	24360	10.1	21899.64	0.31	67.89	0.54	124.21	3.9	
68 1-5	51865	46800	9.2	42494.40	0.26	110.49	0.77	327.21	4.0	
68 1-6	51880	43820	10.1	39394.18	0.26	102.43	0.77	303.34	4.0	
68 1-6	51882	45760	10.1	41138.24	0.31	127.53	0.54	242.12	3.9	
1-6	51897	48260	7.6	44592.24	0.24	102.22	0.93	414.71	3.4	
1-7	51961	52360	7.6	48380.64	0.24	116.11	0.93	449.94	3.4	
1-7	51967	46200	8.4	42319.20	0.22	93.10	0.32	135.42	5.8	
1-7	51968	42200	8.1	38781.80	0.22	85.32	0.32	124.10	5.8	
1-8	51985	11900	6.6	11114.60	0.20	22.23	0.26	28.90	6.7	744.68
1-8	51986	45960	7.7	42421.08	0.31	131.51	0.57	241.80	5.0	
1-8	51990	43460	11.3	38549.02	0.26	100.23	0.77	296.83	4.0	
1-8	52007	50180	7.7	46316.14	0.31	143.58	0.57	264.00		
1-8	52015	46340	7.5	42864.52	0.22	94.30	0.32	137.17	5.4	
1-9	52046	45680	7.4	42299.68	0.22	93.06	0.32	135.36	5.8	
68 1-9	52055	44160	8.2	40538.88	0.28	113.51	0.68	275.66	3.9	
1-10	52061	43080	8.3	39504.36	0.31	122.46	0.57	225.17	~~6.0~~ 5.0	
1-10	52094	36840	7.3	34150.68	0.26	88.79	0.40	136.60	6.1	2083.19
1-10	52095	42960	6.3	40253.52	0.26	104.66	0.40	161.01	6.1	2455.46
TOTAL										

1000-3-55-R1 Telegram

UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation
RIFLE, COLORADO

Purchased Ore LOAD DETAIL

PERIOD 1-1-57 thru 1-31-57

NAME Hamilton, Harris, McDavid, Phillips, Ladd, & Simpson Mining Co ADDRESS Grand Junction Colo

CLAIM Rajah 68, Rajah 67

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	% H_2O	POUNDS DRY ORE	U_3O_8 GRADE	POUNDS U_3O_8	V_2O_5 GRADE	POUNDS V_2O_5	$CaCO_3$ GRADE	POUNDS $CaCO_3$
68 1-10	52096	45820	7.9	~~47980.42~~ 42200.22	0.26	~~124.75~~ 109.72	0.49	~~235.12~~ 206.78	4.8	
68 1-12	52162	18180	10.0	16362.00	0.20	32.72	1.07	175.07	3.2	
1-12	52173	45300	9.0	41,223.00	0.20	82.45	.36	148.40	5.6	
1-13	52181	46420	17.4	38342.92	0.26	99.69	0.33	126.53	7.2	2760.69
1-13	52198	44880	8.2	41,199.84	0.20	82.40	0.27	111.24	6.4	2636.79
68 1-14	52203	25680	9.4	23,266.08	0.20	46.53	1.07	248.95	3.2	
68 1-14	52227	46680	12.2	40,985.04	0.20	81.97	1.07	438.54	3.2	
68 1-14	52231	44080	8.6	40,289.12	0.20	80.58	1.07	431.09	3.2	
68 1-16	52284	49500	7.7	45688.50	0.28	127.93	1.07	488.87	3.2	
1-18	52376	44920	8.2	41236.56	0.34	140.20	0.67	276.28	4.2	
68 1-18	52390	49440	7.7	45633.12	0.36	164.28	1.22	556.72	3.0	
1-18	52391	47020	7.7	43399.46	0.34	147.56	0.67	290.78	4.2	
68 1-18	52392	49040	7.5	45362.00	0.36	163.30	1.22	553.42	3.0	
1-19	52414	31160	6.5	29134.60	0.34	99.06	0.67	195.20	4.2	
68 1-19	52425	39940	6.4	28023.84	0.42	117.70	1.30	364.31	4.0	
1-19	52426	48420	6.6	45224.28	0.34	153.76	0.67	303.00	4.2	
1-19	52427	45760	6.6	42739.84	0.34	145.32	0.67	286.36	4.2	
1-19	52428	46600	6.3	43664.20	0.34	148.46	0.67	292.55	4.2	
68 1-20	52436	45040	11.6	39815.36	0.36	143.34	1.22	485.75	3.0	
68 1-21	52473	45440	7.5	42032.00	0.26	109.28	0.79	332.05	4.3	
68 1-21	52485	42840	6.7	39969.72	0.27	107.92	0.76	303.77	3.7	
1-17	52308	43080	7.2	39978.24	0.39	155.92	0.42	167.91	3.4	
TOTAL										

556-5M the Sentinel Printers

UNION CARBIDE NUCLEAR COMPANY

A Division of Union Carbide and Carbon Corporation

Uravan, COLORADO

Purchased Ore LOAD DETAIL

INSERT GRADE

PERIOD 3-15 3-31-57

NAME Hamilton, Harris McDavid Phillips, Ladd and Simpson Mining Co. ADDRESS Grand Jct. Colo.

CLAIM Kayak #68 - #67

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	LAB. ASSAY NO.	PER CENT MOISTURE	POUNDS DRY ORE	GRADE U_3O_8	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5
3-30	86581	4v640		4.3	40806.48	0.26	106.10	1.46	595.77
3-30	86585	415v0		4.3	39734.64	0.26	103.31	1.46	580.13
3-30	86586	501v0		4.6	4781.48	0.26	1v4.3v	1.46	698.09
3-30	86605	31800		5.0	30v10.00	0.26	78.55	1.46	441.07
3-30	86608	303v0		6.3	v8409.84	0.26	73.87	1.46	414.78
3-31	86613	5v640		6.4	49v71.04	0.29	14v.89	1.14	561.69
3-31	86662	v9800		5.9	v8041.80	0.29	81.3v	1.14	319.68
3-31	86664	v7880		5.9	v6v35.08	0.29	76.08	1.14	v99.08
3-31	86666	44000		5.3	41668.00	0.29	1v0.84	1.14	475.0v
		1vv7780		5.7	115731v5.7v	0.v5	v937.79	1.1v	13007.44

TOTAL

To [illegible] mill

UNION CARBIDE NUCLEAR COMPANY

A Division of Union Carbide and Carbon Corporation

_____, COLORADO

_____ LOAD DETAIL

INSERT GRADE

PERIOD _____

NAME Hamilton, Harris, McClaud, Phillips, Ladd & Simpson Mining Co. ADDRESS Grand Jct Colo.

CLAIM Kajah #67, 68

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	LAB. ASSAY NO.	PER CENT MOISTURE	POUNDS DRY ORE	GRADE U_3O_8	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5
68 2-12	82046	47260	18457	9.5	42770.30	0.16	68.43	1.07	457.64
68 2-14	82231	31200		2.0	29016.00	0.09	26.11	0.89	258.24
		94060		6.9	87591.30	0.21	1865.55	1.13	9931.73

TOTAL

E 812

1060-3-55-Rifle Telegram

(3)

UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation
RIFLE, COLORADO

Grand Junction, Colorado **LOAD DETAIL**

PERIOD Unchecked File 1-1-57 thru 1-31-57

NAME Hamilton, Harris McDavid, Phillips Lodd, + Simpson Min. Co. **ADDRESS** Grand Junction Colo

CLAIM Rajah 67, Rajah 68

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	% H_2O	POUNDS DRY ORE	U_3O_8 GRADE	POUNDS U_3O_8	V_2O_5 GRADE	POUNDS V_2O_5	$CaCO_3$ GRADE	POUNDS $CaCO_3$
1-24	52579	33980	5.5	32116.10	0.24	77.07	1.03	330.74	3.0	
		1891480	8.6	1728350.86	0.27	4744.51	0.70	12068.27	4.3	73690.77

TOTAL

2

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide and Carbon Corporation

RECEIVED MAR 11 1957 D.M.E.A.

ORE SETTLEMENT

Receiving Station Uravan, Colo. Uravan, Colorado, Feb 28 1957

Liquidation No. 7078 Lot No. Shippers Lot No.

Bought of Hamilton, Harris, McDavid, Phillips, Cada & Simpson Mi. Co. A.E.C. License No.

Address c/o Simpson Mining Co. Box 127 Grand Jct. Colo.

Type of Ore Carnotite Date Received 1-1 1-31-57

Mining Claim Rajah 67 & 68 Mining District Gateway Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
				Approx. Average					
	132930	6.8	123907.10	0.74	1.00	—	2988.90	12379.69	—

PRICED PER A.E.C. CIRCULAR NO. 51 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	2988.90	3.50	619.54		10461.15	
Development Allowance	2988.90	.50	619.54		1494.45	
Excess 4 lbs. per ton Premium	510.74	.15	619.54		383.06	
Excess 10 lbs. per ton Premium						
Total U308 Payment						12338.66
V205 Payment	12379.69	.31			3837.70	
Total V205 Payment						3837.70
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance ___ Miles 664.67 Wet Tons @ 5.00 per wet ton						3323.35
Total U3O8, V2O5 and Haulage Payment						19499.71

E812

Form 231 the Sentinel Printers

UNION CARBIDE NUCLEAR COMPANY

A Division of Union Carbide and Carbon Corporation

Uravan, COLORADO

Purchased Ore LOAD DETAIL

INSERT GRADE

PERIOD 1-1-57 1-31-57

NAME Simpson Mining Co ADDRESS Grand Jct. Colo.

CLAIM Rajah #68 #67

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	LAB. ASSAY NO.	PER CENT MOISTURE	POUNDS DRY ORE	GRADE U_3O_8	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5
611-24	80470	43180	64457	4.9	41064.18	0.24	98.55	0.80	328.51
68 1-24	80412	48160	✓	6.9	44836.96	0.18	80.71	0.90	403.53
68 1-25	80499	29200	65457	7.0	27156.00	0.23	62.46	1.85	502.39
68 1-25	80500	29400	✓	7.0	27342.00	0.23	62.89	1.85	505.83
68 1-25	80510	48080	✓	7.2	44618.24	0.20	89.24	1.28	571.11
68 1-25	80535	45960	✓	6.2	43110.48	0.27	116.40	1.21	521.64
68 1.25	80536	50360	✓	6.2	47237.68	0.27	127.54	1.21	571.58
67 1-25	80538	48080	✓	5.7	45339.44	0.23	104.28	0.89	403.52
67 1-30	80819	44080	74457	7.9	40597.68	0.36	146.15	1.34	544.01
67 1-30	80835	40840	✓	6.5	38185.40	0.36	137.47	1.21	462.04
67 1-31	80921	41000	75457	9.2	37228.00	0.28	104.24	1.27	472.80
68 1-31	80928	46760	✓	9.8	42175.52	0.20	82.55	1.17	482.92
		1329340		6.8	1239072.10	0.24	2988.90	1.00	12379.69

TOTAL

UNION CARBIDE NUCLEAR COMPANY

A Division of Union Carbide and Carbon Corporation

Uravan COLORADO

Purchased Ore LOAD DETAIL

INSERT GRADE

PERIOD 1-1-57 1-31-57

Simpson Mining Co. ADDRESS Sandfield Calif.

Payak #67-68

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	LAB. ASSAY NO.	PER CENT MOISTURE	POUNDS DRY ORE	GRADE U_3O_8	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5
67 1-7	79220	42600	11457	9.3	38638.20	0.26	100.46	1.08	417.29
68 1-8	79240	47920	13457	12.3	42025.94	0.48	201.72	1.20	504.31
67 1-14	79635	35680	26457	8.4	32682.88	0.24	78.44	0.28	91.51
68 1-17	79878	50560	43457	8.5	46267.40	0.24	111.03	1.10	508.89
68 1-18	79913	45800	48457	6.6	42777.20	0.14	59.89	1.10	470.55
68 1-19	80015	42720	✓	6.3	40028.64	0.44	176.13	0.15	300.21
67 1-19	80044	44000	✓	5.5	41580.00	0.43	178.79	0.72	299.38
67 1-19	80045	42160	✓	5.7	39756.88	0.46	182.88	0.82	326.01
68 1-19	80055	46640	✓	6.4	43655.04	0.12	52.39	1.16	506.40
67 1-20	80126	28080	52457	4.8	26732.16	0.12	32.08	1.00	267.32
68 1-21	80165	36920	✓	5.9	34741.72	0.13	45.16	1.19	413.43
68 1-21	80194	44160	57457	5.9	41554.56	0.13	54.02	0.88	365.68
67 1-21	80204	34280	✓	5.9	32257.48	0.15	48.39	0.64	206.45
68 1-21	80214	30640	✓	5.1	29077.36	0.13	37.80	0.71	206.45
68 1-21	80215	29490	✓	5.1	27976.52	0.13	36.37	0.71	198.63
67 1-22	80258	43490	✓	6.1	40866.84	0.17	68.96	0.34	137.93
[illegible] 1-22	80296	34440	✓	6.4	32205.84	0.21	67.70	1.20	386.83
[illegible]	80[illegible]1	46880	61457	5.4	44348.48	0.19	84.26	0.78	345.92
[illegible]	80[illegible]	44440	✓	5.1	42173.56	0.19	80.13	0.78	328.95
[illegible]	[illegible]	[illegible]	✓	5.3	42008.92	0.19	79.82	0.78	327.67

Totals on next sheet

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

RECEIVED MAR 11 1957 D.M.E.A.

Receiving Station: Uravan, Colo. Uravan, Colorado, Feb 22 1957
Liquidation No. 7098 Lot No. See Foot Detail Shippers Lot No.
Bought of Hamilton Harris McDavid, Phillips, Ladd & Simpson Mining Co. A.E.C. License No. 2856
Address c/o Simpson Mining Co. Box 127, Grand Jct., Colo.
Type of Ore Carnotite Date Received 1-1 1-31-57
Mining Claim Rajah #67 Mining District Gateway Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	V_2O_5	$CaCO_3$	CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_3$
	93240	6.4	87258.96	0.24	Approx 0.71	Average —	208.79	618.91	—

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	208.79	3.50	43.63		730.77	
Development Allowance	208.79	.50	43.63		104.40	
Excess 4 lbs. per ton Premium	34.27	.75	43.63		25.70	
Excess 10 lbs. per ton Premium						
Total U308 Payment						860.87
V205 Payment	618.91	.31			191.86	
Total V205 Payment						191.86
Less High Line Penalty over 6% CaCo3						
Base Penalty						
——%———%=——% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance ——— Miles 46.62 Wet Tons @ 5.00 per wet ton						233.10
Total U3O8, V2O5 and Haulage Payment						1285.83

E812

1-56 SAM[redacted]entinel Printers

UNION CARBIDE NUCLEAR COMPANY

A Division of Union Carbide and Carbon Corporation

Uravan, COLORADO

Purchased Ore LOAD DETAIL

INSERT GRADE

PERIOD 1-1-57 1-31-57

NAME Hamilton, Harris, McDaniel, Phillips, Ladd, Simpson Mining Co. ADDRESS Grand Jct. Colo.

CLAIM Kajah #67

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	LAB. ASSAY NO.	PER CENT MOISTURE	POUNDS DRY ORE	GRADE U_3O_8	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5
1-24	80417	47760	80457	7.0	44416.80	0.20	88.83	0.67	297.59
1-24	80447	45480	✓	5.8	42842.16	0.28	119.96	0.75	321.32
		93240		6.4	87258.96	0.24	208.79	0.71	618.91

TOTAL

E 812

U. S. DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

224 New Customhouse
Denver 2, Colorad

Date: February 7, 1957

Memorandum

To: Chairman, Operating Committee, DMEA
From: Executive Officer, DMEA Field TEam, Region III
Subject: Royalty payments, Docket DMEA 3649 (Uranium), Contract Idm-E812, Simpson Mining Company, et al (Rajah Group of Claims), Mesa County, Colorado
Period: January, 1957

Enclosed are settlement sheets for which royalty payments were received for ore or concentrates shipped from the subject property during the above month:

Date	Lot No.	Dry Tons	Royalty Due	Royalty Paid	Bonus Roy. Due	Bonus Roy. Pd.
1957						
1/5	7020	623.642	$746.10	$746.10	No bonus due	
1/4	R-1793	456.144	674.50	674.50		
Totals:		1079.786	$1,420.60	$1,420.60		

OFFICIAL FILE COPY
DMEA
RECEIVED FEB 11 1957

DATE	INITIALS	CODE
2-11	C	220
	Murphy	700

Past Due Royalties Collected None

Total Dry Tons (Ore or Cons.) Shipped to Date 3396.294

W. M. Traver

W. M. Traver

vj
cc: Royalty File E 812 w/settlement sheets
Monthly Royalty Payment File
J. F. Shaw (2) w/settlement sheets
Chron.

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station: Uravan, Colo. Uravan, Colorado, Jan. 5, 1957
Liquidation No. 7020 Lot No. See Load Detail Shippers Lot No.
Bought of Hamilton, Harris, McDavid Phillips, Ladd & Simpson Min. Co. A.E.C. License No. 2856
Address: % Simpson Mining Co., Box 127, Grand Jct., Colo.
Type of Ore: Carnotite Date Received 12-1 12-31-56
Mining Claim: Rajah #67 & #68 Mining District: Gateway Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
				approx	average				
	133960	6.4	124728.42	0.19	0.64	—	2401.27	7950.62	—

PRICED PER A.E.C. CIRCULAR NO. 5 (REVISED)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	2401.27	3.30	623.64		7924.19	
Development Allowance	2401.27	.50	623.64		1200.64	
Excess 4 lbs. per ton Premium						
Excess 10 lbs. per ton Premium						
Total U308 Payment						9124.83
V205 Payment	7950.62	.31			2464.69	
Total V205 Payment						2464.69
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%−___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance ___ Miles 666.48 Wet Tons @ 5.00 per wet ton						3332.40
Total U3O8, V2O5 and Haulage Payment						14921.92

E812

1-56—5M the Sentinel Printers

UNION CARBIDE NUCLEAR COMPANY

A Division of Union Carbide and Carbon Corporation

URAVAN, COLORADO

PURCHASE ORE LOAD DETAIL

INSERT GRADE

PERIOD 12-1-56 12-31-56

NAME SIMPSON MINING CO. ADDRESS GRAND JCT. COLORADO

CLAIM KASAN #67, #68

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	LAB. ASSAY NO.	PER CENT MOISTURE	POUNDS DRY ORE	GRADE U_3O_8	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5
12-4	76947	49760	836456	5.7	46923.68	0.23	107.92	0.78	366.00
12-5	77072	48640	840456	5.8	45818.88	0.21	96.22	0.88	403.21
12-6	77129	54520	863456	7.6	50376.48	0.20	100.75	0.42	211.58
12-6	77143	48440	844456	6.1	45485.16	0.15	68.23	0.46	209.23
12-7	77179	51840	✓	6.1	48677.76	0.14	68.15	0.46	223.92
12-7	77180	51200	✓	6.1	48076.80	0.14	67.31	0.46	221.15
12-7	77211	44320	✓	6.8	41306.24	0.21	86.74	0.54	223.05
12-10	77380	43400	846456	6.3	40665.80	0.27	109.80	0.54	219.60
12-12	77540	48520	849456	6.1	45560.28	0.17	77.45	0.76	346.26
12-12	77551	46760	857456	6.3	43814.12	0.18	78.87	0.70	306.70
12-13	77616	19160	✓	5.8	18048.72	0.16	28.88	0.84	151.61
12-13	77617	45320	✓	5.8	42691.44	0.16	68.31	0.84	358.61
12-14	77698	33400	✓	6.1	31362.60	0.15	47.04	0.51	159.95
12-14	77709	45120	863456	6.6	42142.08	0.16	67.43	0.82	345.57
12-14	77717	16280	✓	8.9	14831.08	0.27	40.04	0.81	120.13
12-14	77725	42960	✓	7.4	39780.96	0.18	71.61	0.58	230.73
12-15	77797	32240	857456	5.3	30531.28	0.13	39.69	0.91	277.83
12-16	77867	52240	878456	5.8	49210.08	0.15	73.82	0.47	231.29
12-16	77870	46760	✓	6.0	43954.40	0.13	57.14	0.79	347.24
12-17	77876	36120	✓	6.6	33736.08	0.14	47.23	0.52	175.43
12-17	77882	39760	✓	6.1	37334.64	0.12	44.80	0.56	209.07
12-18	77924	49440	✓	6.8	46078.08	0.13	59.90	0.74	340.98
TOTAL									

Lab—53 the Sentinel Printers Co

UNION CARBIDE NUCLEAR COMPANY

A Division of Union Carbide and Carbon Corporation

URAVAN, COLORADO

PURCHASED ORE LOAD DETAIL

INSERT GRADE

HAMILTON, HARRIS, McDAVID PHILLIPS, LADD AND

PERIOD 12-1-56 12-31-56

NAME SIMPSON MINING CO ADDRESS GRAND JCT. COLO.

CLAIM DAJAH #67 #68

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	LAB. ASSAY NO.	PER CENT MOISTURE	POUNDS DRY ORE	GRADE U_3O_8	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5
12-19	78006	45140	883456	7.9	41573.94	0.18	74.83	0.74	307.65
12-29	78667	45680	895456	7.6	42208.32	0.24	101.30	0.98	413.64
12-30	78697	43520	✓	5.8	40995.84	0.37	151.68	0.50	204.98
12-30	78700	43560	✓	5.2	41294.88	0.15	61.94	0.30	123.88
12-30	78779	39280	✓	6.8	36608.96	0.20	73.22	0.91	333.14
12-30	78753	45380	899456	6.5	42897.80	0.30	128.69	0.45	193.04
12-30	78753	45700	✓	7.4	42318.20	0.23	97.33	0.58	245.45
12-30	78757	28160	✓	6.5	26329.60	0.30	78.99	0.45	118.48
12-31	78806	49840	900456	6.4	46650.24	0.27	125.96	0.71	331.22
		1338960		6.4	1247287.42	0.19	2401.27	0.64	7950.62

TOTAL

2

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station: Rifle Colorado — Rifle, Colorado, January 4, 1957

Liquidation No.: R-1793 — Lot No.: See load detail — Shippers Lot No.:

Bought of: Hamilton, Harris, McDavid, Phillips, Kidd, Y — A.E.C. License No.: P-2856

Address: Empire Mining Co Box 127 Grand Junction Colo

Type of Ore: Carnotite — Date Received: 12-1-56 thru 12-31-56

Mining Claim: Rajah 67, Rajah 68 — Mining District: Gateway - Beaver Mesa Mesa Co Colorado — Pile No.:

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
	992300	8.1	912287.40	0.20	0.54		1831.79	4962.00	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	1831.79	3.50	456.14		6411.27	
Development Allowance	1831.79	.50	456.14		915.90	
Excess 4 lbs. per ton Premium	7.23	.75	456.14		5.42	
Excess 10 lbs. per ton Premium						
Total U308 Payment						7332.59
V205 Payment	4962.00	.31	456.14		1538.22	
Total V205 Payment						1538.22
Less High Lime Penalty over 6% CaCo3						
Base Penalty						
..... % — ..... % = ... % Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 133 Miles 456.15 Wet Tons @ .07 per wet ton mile						4619.16
Total U308, V205 and Haulage Payment						13489.97

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the Ore described in this Settlement Sheet and have legal right to deliver the same to the Union Carbide Nuclear Company, a Division of Union Carbide and Carbon Corporation.

I certify that I hold the A.E.C. Source Material License numbered above.

I hereby transfer to the Union Carbide Nuclear Company, a division of Union Carbide and Carbon Corporation, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore.

The amount set opposite "Total U308, V205 and Haulage Payment" shown above constitutes the entire amount payable to me in respect of ore deliveries described herein and is accepted by me in full payment thereof.

I request that payment be made on the basis of the average of moisture contents, of U308 contents and of V205 contents of the several loads delivered and covered by this settlement.

Voucher Number	3672 A	Date	1-4-57
Check Number		Date	
Approved for Payment	H C Lewis		

Seller or Agent

1M-9-55 Rifle Telegram

6

E812

(2)

11-53 8M THE SENTINEL PRINTERS

UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation

Rifle, COLORADO

Purchased Ore LOAD DETAIL

B

INSERT GRADE

PERIOD 12-1-56 thru 12-31-56

NAME Hamilton, Harris, McDavid, Phillips, Ladd & Simpson Mining Co. ADDRESS Grand Junction Colo

CLAIM Rajah 68

SHIPPED DATE	TICKET NUMBER	POUNDS ORE	LAB. ASSAY NO.	PER CENT MOISTURE	POUNDS DRY ORE	GRADE U_3O_8	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5
12-28	51558	48940	278.56	7.0	45514.20	0.17	77.37	0.44	200.26
12-28	51560	46720	✓	7.0	43449.60	0.17	73.86	0.44	191.18
		992300		8.1	912287.40	0.20	1831.79	0.54	4962.00

TOTAL

12-13-56

U. S. DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

RECEIVED DEC 13 1956 D.M.E.A.

224 New Customhouse
Denver 2, Colorad

Date: December 11, 1956

Memorandum

To: Chairman, Operating Committee, DMEA
From: Executive Officer, DMEA Field TEam, Region III
Subject: Royalty payments, Docket DMEA 3649 (Uranium), Contract Idm-E812, Simpson Mining Company, et al (Rajah Group of Claims), Mesa County, Colorado
Period: November, 1956

Enclosed are settlement sheets for which royalty payments were received for ore or concentrates shipped from the subject property during the above month:

Date	Lot No.	Dry Tons	Royalty Due	Royalty Paid	Bonus Roy. Due	Bonus Roy. Pd.
1956						
11/2	6906	14.642	$20.09	$20.09		
11/2	6907	406.846	507.94	507.94		
11/8	R-1708	210.837	427.90	427.90		
Totals:		632.325	$955.93	$955.93		

Past Due Royalties Collected None

Total Dry Tons (Ore or Cons.) Shipped to Date 1579.430

W. M. Traver

W. M. Traver

vj
cc: Royalty File E 812 w/settlement sheets
Monthly Royalty Payment File
J. F. Shaw (2) w/settlement sheets
Chron.

1

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station Uravan, Colo — Uravan, Colorado, Nov. 2 1956

Liquidation No. [illegible] — Lot No. 73350 — Shippers Lot No.

Bought of Hamil[illegible] Harris McDavid, Phillips, Ladd, Simpson — A.E.C. License No. 2856

Address c/o Sim[illegible] Mining Co, Box 127, Grand Jct, Colo. Mining Co.

Type of Ore Ca[illegible] — Date Received 10-17-56

Mining Claim [illegible] #68 — Mining District Gateway Beaver [illegible] — Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS			CONTENTS POUNDS		
				U_3O_8	V_2O_5	$CaCO_3$	U_3O_8	V_2O_5	$CaCO_3$
	30600	4.3	29284.20	0.24	0.39	—	70.28	114.21	—

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	70.28	3.50	14.64		245.98	
Development Allowance	70.28	.50	14.64		35.14	
Excess 4 lbs. per ton Premium	11.72	.75	14.64		8.79	
Excess 10 lbs. per ton Premium						
Total U308 Payment						289.91
V205 Payment	114.21	.31			35.41	
Total V205 Payment						35.41
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance ___ Miles 15.30 Wet Tons @ 5.00 per wet ton						76.50
Total U3O8, V2O5 and Haulage Payment						401.82

E812

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station: Uravan Colo. Uravan, Colorado, Nov. 2 1956

Liquidation No. 6907 Lot No. See Lead Detail Shippers Lot No.

Bought of Hamilton, Harris, McDaud, Phillips, Ladd & Simpson Mining Co. A.E.C. License No. 2856

Address c/o Simpson Mining Co., Box 121, Grand Jct., Colo.

Type of Ore Carnotite Date Received 10-1 thru 10-31-56

Mining Claim Rajah #67 Mining District Gateway - Beaver Mesa Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
				Approx Average					
	855140	4.8	813691.82	0.19	0.82	—	1564.88	6691.60	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	1564.88	3.30	406.85		5164.10	
Development Allowance	1564.88	.50	406.85		782.44	
Excess 4 lbs. per ton Premium						
Excess 10 lbs. per ton Premium						
Total U308 Payment						5946.54
V205 Payment	6691.60	.31			2014.40	
Total V205 Payment						2074.40
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance ___ Miles 427.57 Wet Tons @ 5.00 per wet ton ~~mile~~						2137.85
Total U3O8, V2O5 and Haulage Payment						10158.79

E812

the Sentinel Printers

UNION CARBIDE NUCLEAR COMPANY

A Division of Union Carbide and Carbon Corporation

Uravan, COLORADO

Purchase Ore LOAD DETAIL

INSERT GRADE

PERIOD 10-1-56 10-31-56

NAME Hamilton, Harris, McDaniel, Phillips, Todd ADDRESS Grand Jct. Colo.
Designated Mining Co.

CLAIM Ra Ka E #67

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	LAB. ASSAY NO.	PER CENT MOISTURE	POUNDS DRY ORE	GRADE U_3O_8	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5
10-4	72453	53680	652456	4.6	48348.72	0.23	111.20	1.25	604.36
10-4	72452	46920	✓	4.6	44761.68	0.23	102.95	1.25	559.52
10-6	72548	52120	✓	5.7	49149.16	0.17	83.55	1.21	594.70
10-8	72643	48560	663456	5.2	46034.88	0.20	92.07	0.88	405.11
10-8	72707	47200	✓	4.4	45123.20	0.16	72.20	0.85	383.55
10-9	72759	51280	664456	6.0	48203.20	0.21	101.23	1.20	578.44
10-10	72807	48560	✓	4.0	46617.60	0.20	93.24	0.92	428.88
10-10	72513	42640	✓	4.1	41850.76	0.18	75.33	0.78	326.44
10-5	72474	43360	652456	4.6	41365.44	0.14	57.91	0.87	359.88
10-16	73242	47120	688456	4.8	44858.24	0.15	67.29	0.34	152.52
10-17	73329	45360	✓	5.2	42735.84	0.20	85.47	0.49	209.41
10-17	73333	49540	✓	5.2	46015.92	0.20	92.03	0.49	225.48
10-17	73384	45320	690456	2.7	44096.36	0.18	79.37	0.81	357.18
10-18	73430	43760	✓	5.8	41221.92	0.27	111.30	0.70	288.55
10-22	73770	49900	693456	4.2	46946.20	0.23	107.75	0.56	262.94
10-22	73771	50620	✓	5.3	47937.14	0.17	81.49	0.70	335.56
10-22	73772	46640	✓	5.3	44168.08	0.17	75.09	0.70	309.18
10-22	73776	46840	✓	5.3	44357.48	0.17	75.41	0.70	310.50
		855140		4.8	813691.82	0.19	1564.28	0.82	6691.60

TOTAL

2

2

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station Rifle, Colorado Rifle, Colorado, November 8, 1956

Liquidation No. R-1708 Lot No. See load detail Shippers Lot No.

Bought of Hamilton, Harris, McPaul, Patterson, Ladd & Simpson Mining Co. A.E.C. License No. R 2856

Address Box 127 Grand Junction, Colorado

Type of Ore Carnotite Date Received 10-1-56 thru 10-31-56

Mining Claim Rajah # 67 Mining District Gateway-Beaver Mesa Pile No.
Mesa Co. Colo

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
	456700	7.7	421674.18	approx average 0.27	1.28		1135.27	5390.56	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	1135.27	3.50	210.84		3973.45	
Development Allowance	1135.27	.50	210.84		567.64	
Excess 4 lbs. per ton Premium	291.41	.75	210.84		218.93	
Excess 10 lbs. per ton Premium						
Total U308 Payment						4760.02
V205 Payment	5390.56	.31	210.84		1671.07	
Total V205 Payment						1671.07
Less High Lime Penalty over 6% CaCo3						
Base Penalty						
....%—....% = ...% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 133 Miles 228.45 Wet Tons @ .07 per wet ton mile						2126.87
Total U308, V205 and Haulage Payment						8557.96

E 812

1000-3-55-[illegible]am

UNION CARBIDE NUCLEAR COMPANY

[redacted]

A Division of Union Carbide and Carbon Corporation

RIFLE, COLORADO

Purchased ore LOAD DETAIL

PERIOD 10-1-56 thru 10-31-56

NAME Hamilton, Harris, McDavid, Phillips, Todd, & Simpson Mining Co ADDRESS

CLAIM Rajah 67

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	% H_2O	POUNDS DRY ORE	U_3O_8 GRADE	POUNDS U_3O_8	V_2O_5 GRADE	POUNDS V_2O_5	$CaCO_3$ GRADE	POUNDS $CaCO_3$
10-6	48663	31520	6.7	29408.16	0.28	82.34	1.47	432.30	2.7	794.02
10-17	49057	45820	7.5	42383.50	0.22	93.24	1.70	720.52	3.1	1313.89
10-18	49090	47380	7.5	43826.50	0.22	96.42	1.70	745.25	3.1	1358.62
10-20	49160	47760	7.9	43986.96	0.19	83.58	1.46	642.21	2.8	1231.63
10-23	49285	50240	6.9	46773.44	0.25	116.93	1.40	654.83	3.6	1683.84
10-26	49365	44960	7.3	41677.92	0.19	79.19	0.55	229.23	3.9	1625.44
10-27	49398	47700	10.1	42882.30	0.30	128.65	1.31	561.76	2.9	1243.54
10-28	49448	47080	6.2	44161.04	0.29	128.07	1.11	490.19	2.8	1236.51
10-28	49463	51240	8.1	47089.56	0.30	141.27	0.81	381.43	3.2	1506.87
10-31	49580	43200	8.6	39484.80	0.47	185.58	1.35	533.04	2.9	1145.06
		456900	7.7	421674.18	0.27	1135.27	1.28	5390.56	3.1	13139.47

TOTAL

11-15-56

U. S. DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

RECEIVED NOV 15 1956 D.M.E.A.

224 New Customhouse
Denver 2, Colorado

Date: November 13, 1956

Memorandum

To: Chairman, Operating Committee, DMEA
From: Executive Officer, DMEA Field Team, Region III
Subject: Royalty payments, Docket DMEA 3649 (Uranium), Contract Idm-E812, Simpson Mining Company, et al (Rajah Group of Claims) Mesa County, Colorado
Period: October, 1956

Enclosed are settlement sheets for which royalty payments were received for ore or concentrates shipped from the subject property during the above month:

Date	Lot No.	Dry Tons	Royalty Due	Royalty Paid	Bonus Roy. Due	Bonus Roy. Pd.
1956						
10/6	R-1639	558.849	$1,385.89	$1,385.88 *		
10/6	6864	209.128	210.16	210.16		
10/19	6864	Correction	21.24	21.24		

Totals: 767.977 $1,617.29 $1,617.28

Past Due Royalties Collected None

Total Dry Tons (Ore or Cons.) Shipped to Date 947.105

W. M. Traver

W. M. Traver

vj
cc: Royalty File E 812 w/settlement sheets
Monthly Royalty Payment File
J. F. Shaw (2) w/settlement sheets
Chron.

2

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide and Carbon Corporation

DMEA
DEPARTMENT OF THE INTERIOR
OCT 10 1956
REGION III
DENVER, COLORADO

ORE SETTLEMENT

Receiving Station Rifle, Colorado Rifle, Colorado, October 19 56

Liquidation No. R-1639 Lot No. See Load Detail Shippers Lot No.

Bought of Hamilton, Harris, McDaniel, Phillips, Ladd & Simpson Mining Co A.E.C. License No. P-2856

Address Box 127, Grand Junction, Colorado

Type of Ore Carnotite Date Received 9-16-56 thru 9-30-56

Mining Claim Rajah 6 7 Mining District Gateway Beaver Mesa Mesa Co. Colorado Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
	1205580	7.3	1117697.90	approx averages 0.40	0.79		4430.55	8829.59	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	4430.55	3.50	558.85		15506.93	
Development Allowance	4430.55	.50	558.85		2215.28	
Excess 4 lbs. per ton Premium	2195.15	.75	558.85		1646.36	
Excess 10 lbs. per ton Premium						
Total U308 Payment						19368.57
V205 Payment	8829.59	.31	558.85		2737.17	
Total V205 Payment						2737.17
Less High Lime Penalty over 6% CaCo3						
Base Penalty						
.....%—.....% = ...% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 133 Miles 602.79 Wet Tons @ .07 per wet ton mile						5611.97
Total U308, V205 and Haulage Payment						27717.71

RECEIVED NOV 15 1956 D.M.E.A.

E812

1000-3-55 Rifle Telegram

UNION CARBIDE NUCLEAR COMPANY

UNITED STATES VANADIUM COMPANY

A Division of Union Carbide and Carbon Corporation

RIFLE, COLORADO

Purchased Ore LOAD DETAIL

PERIOD 9-1-56 thru 9-30-56

NAME H. H. M. P. L and Simpson Mining Co. ADDRESS Grand Junction Colo

CLAIM Rajh #67

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	% H_2O	POUNDS DRY ORE	U_3O_8 GRADE	POUNDS U_3O_8	V_2O_5 GRADE	POUNDS V_2O_5	$CaCO_3$ GRADE	POUNDS $CaCO_3$
9-11	47557	49780	10.0	44802.00	0.53	237.45	0.63	282.25	4.2	1881.68
9-11	47573	45080	5.7	42510.44	0.66	280.57	0.63	267.82	4.6	1955.48
9-12	47607	47040	5.2	44543.92	0.53	236.35	0.63	280.94	4.2	1872.94
9-12	47608	49600	5.2	47020.80	0.53	249.21	0.63	296.23	4.2	1974.87
9-14	47690	46660	5.9	43907.06	0.53	232.71	0.63	276.61	4.2	1844.10
9-15	47701	44660	6.4	41801.76	0.50	209.01	0.73	305.15	3.8	1588.47
9-15	47706	45940	4.9	43688.44	0.50	218.44	0.73	318.92	3.8	1660.18
9-15	47720	46080	9.6	41656.32	0.19	79.15	0.65	270.77	2.8	1166.38
9-19	47829	50220	7.0	46704.60	0.37	172.81	0.72	336.27	2.8	1307.73
9-20	47865	47000	6.1	44133.00	0.37	163.29	0.69	304.52	3.4	1500.52
9-20	47914	48300	5.6	45595.20	0.49	223.42	1.04	474.19	3.5	1595.83
9-21	47948	47940	7.8	47016.28	0.49	215.68	1.04	457.77	3.5	1540.57
9-22	47997	46400	6.5	43384.00	0.36	156.18	0.84	364.43	3.5	1518.44
9-23	48004	46260	6.5	43253.10	0.36	155.71	0.84	363.33	3.5	1513.86
9-23	48006	46780	6.5	43739.30	0.34	157.46	0.84	367.41	3.5	1530.88
9-23	48024	45380	8.5	41528.70	0.34	141.18	0.71	294.81	4.1	1702.43
9-23	48026	48160	6.4	45077.76	0.34	~~163.74~~ 153.26	0.71	~~341.94~~ 320.05	4.1	~~1874.26~~ 1848.19
9-25	48088	46780	7.2	43411.84	0.30	130.24	0.80	347.29	3.6	1562.83
9-25	48108	32660	7.2	30308.48	0.30	90.93	0.80	242.47	3.6	1091.11
9-25	48115	45240	5.9	42570.84	0.32	136.23	0.92	391.65	3.6	1532.55
9-26	48136	31700	5.9	29829.70	0.32	95.46	0.92	274.43	3.6	1073.87
TOTAL										

H
2

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station Uravan, Colo. Uravan, Colorado, October 6, 19 56
Liquidation No. 6864 Lot No. See Load Detail Shippers Lot No.
Bought of Hamilton, Harris, McDavid, Phillips, Ladd & Simpson Mining Co. A.E.C. License No. P 2856
Address Box 127 Grand Jct. Colo.
Type of Ore Carnotite Date Received 9-1-56 thru 9-30-56
Mining Claim Rajah #67 Mining District Gateway Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
	437880	4.5	418256.40	Approx Average 0.18	0.64	—	752.46	2659.33	—

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	752.46	3.10	209.13		2332.63	
Development Allowance	752.46	.50	209.13		376.23	
Excess 4 lbs. per ton Premium						
Excess 10 lbs. per ton Premium						
Total U308 Payment						2708.86
V205 Payment	2659.33	.31			824.39	
Total V205 Payment						824.39
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 51 Miles 218.94 Wet Tons @ .06 per wet ton mile						669.96
Total U3O8, V2O5 and Haulage Payment						4203.21

E 812

1-56—5M the Sentinel Printers

UNION CARBIDE NUCLEAR COMPANY

A Division of Union Carbide and Carbon Corporation

Uravan, COLORADO

Purchase Ore LOAD DETAIL

INSERT GRADE

PERIOD 9 1 56 thru 9 30 56

Thompson Harris, McDavid, Phillips Ladd & Simpson Mining Co. ADDRESS Grand Jct. Colo.

CLAIM Ro. AH #6

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	LAB. ASSAY NO.	PER CENT MOISTURE	POUNDS DRY ORE	GRADE U_3O_8	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5
9-10	70770	50800	581456	6.0	52452.00	0.15	78.68	0.69	361.97
9-14	71139	33440	588456	4.8	31834.88	0.16	50.94	0.73	232.39
9-15	71163	50120	✓	4.1	48065.08	0.28	134.58	0.84	403.15
9-26	71905	46080	624456	4.7	44144.64	0.16	70.63	0.61	269.28
9-27	71955	48440	✓	3.5	46744.60	0.21	98.16	0.83	387.98
9-27	71973	47920	✓	5.3	45380.24	0.22	99.84	0.55	249.59
9-28	72097	52760	629456	3.8	50755.17	0.15	76.13	0.63	319.76
9-29	72116	52960	630456	4.7	50735.68	0.15	76.10	0.61	309.49
9-30	72171	50360	✓	4.4	48144.16	0.14	67.40	0.26	125.17
		437880		4.5	418256.40	0.18	752.46	0.64	2659.33

TOTAL

E-812

(1)

11-53 8M THE SENTINEL PRINTERS

UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation

[illegible], COLORADO

[illegible] LOAD DETAIL

B

INSERT GRADE

PERIOD [illegible] 12-31-56

NAME Simpson Mining Co. ADDRESS Grand Junction Colo

CLAIM Rayah #52, Rayah 62

SHIPPED DATE	TICKET NUMBER	POUNDS ORE	LAB. ASSAY NO.	PER CENT MOISTURE	POUNDS DRY ORE	GRADE U_3O_8	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5
12-2	50687	50520	364-56	7.0	46983.60	0.21	98.67	0.51	237.62
12-2	50689	48960	362-56	8.7	44700.48	0.29	129.63	0.63	281.61
12-3	50697	47540	✓	6.6	44402.36	0.29	128.77	0.63	279.75
12-7	50767	[illegible]	366-56	14.5	27015.00	0.06	17.41	0.78	226.32
12-11	50937	45400	368-56	7.0	42222.00	0.17	71.78	0.59	249.11
12-19	51152	27800	274-56	6.7	25981.80	0.09	23.39	0.83	214.82
68 12-19	51154	32460	275-56	14.2	28477.88	0.15	42.75	0.34	96.70
68 12-19	51199	27960	✓	8.1	25603.34	0.15	38.41	0.34	87.05
12-19	51201	45100	276-56	7.2	41927.04	0.15	62.89	0.51	213.83
12-19	51223	49640	✓	8.3	45519.88	0.15	68.28	0.51	232.15
12-20	51230	47520	✓	9.8	42863.04	0.15	64.29	0.51	218.60
12-20	51237	47160	✓	9.8	42558.32	0.15	63.81	0.51	216.95
12-21	51278	40840	✓	8.9	37205.44	0.22	81.85	0.53	197.19
12-22	51300	24720	277-56	6.1	23063.76	0.24	55.35	0.38	87.64
68 12-22	51327	44580	✓	7.5	41236.50	0.25	103.09	0.63	259.79
68 12-22	51328	31820	✓	7.5	29433.50	0.25	73.58	0.63	185.43
68 12-22	51331	46060	✓	7.5	42605.50	0.25	106.51	0.63	268.41
68 12-22	51332	29100	✓	7.5	26917.50	0.25	67.29	0.63	169.58
68 12-26	51428	44340	278-56	7.9	40837.14	0.26	106.18	0.55	224.60
68 12-26	51442	44840	✓	7.2	41611.52	0.26	108.19	0.55	228.86
68 12-26	51454	39200	✓	9.0	35672.00	0.26	92.75	0.55	196.20
68 12-28	51557	47940	✓	7.0	44584.20	0.17	75.79	0.44	196.17
TOTAL									

1000-3-55-Rifle Telegram

(2)

UNION CARBIDE NUCLEAR COMPANY
UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation
RIFLE, COLORADO

DMEA
DEPARTMENT OF THE INTERIOR
OCT 10 1956
REGION III
DENVER, COLORADO

Purchased Ore LOAD DETAIL

PERIOD 9-1-56 thru 9-30-56

NAME Hamilton, Harris, McDowell, Phillips, Kadd, and Simpson Mining Co ADDRESS Grand Junction Colo

CLAIM Rajah 67

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	% H_2O	POUNDS DRY ORE	U_3O_8 GRADE	POUNDS U_3O_8	V_2O_5 GRADE	POUNDS V_2O_5	$CaCO_3$ GRADE	POUNDS $CaCO_3$
9-26	48153	49260	5.9	46355.66	0.32	148.33	0.92	426.45	3.6	1668.75
9-26	48181	50100	6.0	47094.00	0.37	174.25	0.72	339.08	6.2	2919.83
9-28	48291	49660	4.7	47325.98	0.26	123.05	1.20	567.91	2.9	1372.45
9-29	48331	49380	16.9	41034.78	0.30	123.10	0.79	324.17	4.1	1682.43
9-30	48376	49720	14.8	42361.44	0.30	127.08	0.79	334.66	4.1	1736.87
		1205580	7.3	1117697.90	0.40	4430.55	0.79	8829.59	3.8	42643.17

TOTAL

2

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide and Carbon Corporation

CORRECTED
ORE SETTLEMENT

Receiving Station: Uravan, Colo. — Uravan, Colorado, October 19, 1956
Liquidation No.: 6864 — Lot No.: Lease and Select — Shippers Lot No.:
Bought of: Hamilton, Harris, McDavid, Phillips and Simpson Mining Co. — A.E.C. License No.: 2856
Address: Box 127, Grand Junction, Colo.
Type of Ore: Carnotite — Date Received: 9-1-56 thru 9-30-56
Mining Claim: Sunset #61 — Mining District: Gateway — Pile No.:

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
	37280	1.5	18256.40	Approx average 0.18	0.67		232.46	2659.33	—

PRICED PER A.E.C. CIRCULAR NO. 51 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	232.46	3.10	209.13		233.63	
Development Allowance	232.46	.30	209.13		376.43	
Excess 4 lbs. per ton Premium						
Excess 10 lbs. per ton Premium						
Total U308 Payment						2708.86
V205 Payment	2659.33	.31			824.39	
Total V205 Payment						824.39
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%−___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance ___ Miles 218.94 Wet Tons @ 5.00 per wet ton ~~mile~~						1094.70
Total U3O8, V2O5 and Haulage Payment						4627.95

E812

Copyright Student Printers

UNION CARBIDE NUCLEAR COMPANY

A Division of Union Carbide and Carbon Corporation

URAVAN, COLORADO

Purchase Ore LOAD DETAIL

INSERT GRADE

PERIOD 9 1 56 thru 9 30 56

Hoover Harris McDaniel Phillips Ladd & Simpson Mining Co. ADDRESS Grand Jct., Colo.

CAR R.I. AM #61

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	LAB. ASSAY NO	PER CENT MOISTURE	POUNDS DRY ORE	GRADE U_3O_8	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5
9 10	70710	5800	581456	6.0	5452.00	0.15	78.68	0.69	361.92
9 14	71139	33440	588456	4.8	31834.88	0.16	50.94	0.73	232.39
9 15	71163	50120	✓	4.1	48065.08	0.28	134.58	0.84	403.75
9 26	71905	46080	624456	4.2	44144.64	0.16	70.63	0.61	269.28
9-27	71955	48440	✓	3.5	46744.60	0.21	98.16	0.83	387.98
9 27	71973	47920	✓	5.3	45380.24	0.22	99.84	0.55	249.59
9-28	72092	52760	629456	3.8	50755.12	0.15	76.13	0.63	319.76
9 29	72116	52960	630456	4.2	50735.68	0.15	76.10	0.61	309.49
9-30	72171	50360	✓	4.4	48144.16	0.14	67.40	0.26	125.17
		437880		4.5	418256.40	0.18	752.46	0.64	2659.33

TOTAL

RECEIVED NOV 15 1956 D.M.E.A.

OCT 12 1956

U. S. DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

RECEIVED
OCT 12 1956

224 New Customhouse
Denver 2, Colorado

Date: October 9, 1956

Memorandum

To: Chairman, Operating Committee, DMEA
From: Executive Officer, DMEA Field Team, Region III
Subject: Royalty payments, Docket DMEA 3649 (Uranium), Contract Idm-E812, Simpson Mining Company, et al (Rajah Group of Claims), Mesa County, Colorado
Period: September, 1956

Enclosed are settlement sheets for which royalty payments were received for ore or concentrates shipped from the subject property during the above month:

Date	Lot No.	Dry Tons	Royalty Due	Royalty Paid	Bonus Roy. Due	Bonus Roy. Pd.
1956						
9/7	R-1595	43.443	$115.03	$115.03		
9/6	6826	135.685	279.52	279.52		
Totals:		179.128	$394.55	$394.55		

Past Due Royalties Collected None

Total Dry Tons (Ore or Cons.) Shipped to Date 179.128

E. M. Hashman
for W. M. Traver

vj
cc: Royalty File E 812 w/settlement sheets
Monthly Royalty Payment File
J. F. Shaw (2) w/settlement sheets
Chron.

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide and Carbon Corporation

RECEIVED
OCT 12 1956

ORE SETTLEMENT

Receiving Station Rifle Colorado Rifle, Colorado September 7, 1956

Liquidation No. R-1595 Lot No. Shippers Lot No.

Bought of Hamilton, Harris, McDaniel, Shelton, Lazy Dimpion Mining Co A.E.C. License No. P-2856

Address Box 127, Grand Junction, Colorado

Type of Ore Carnotite Date Received 8-16-56 - 8-31-56

Mining Claim Rajah #67 Mining District Gattuso-Begum Mesa Pile No.
Mesa Co, Colorado

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
	92380	5.9	86885.42	0.43	0.68	2.8	373.61	590.82	2437.74

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	373.61	3.50	43.44		1307.64	
Development Allowance	373.61	.50	43.44		186.81	
Excess 4 lbs. per ton Premium	199.85	.75	43.44		149.89	
Excess 10 lbs. per ton Premium						
Total U308 Payment						1644.34
V205 Payment	590.82	.31	43.44		183.15	
Total V205 Payment						183.15
Less High Lime Penalty over 6% CaCo3						
Base Penalty						
.....%—.....% = ...% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 133 Miles 461.9 Wet Tons @ .077 per wet ton mile						473.03
Total U308, V205 and Haulage Payment						230052

E812

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station [illegible] Grand Junction [illegible] Colorado [illegible] 6

Consignation No. [illegible] Lot No. [illegible] Shippers Lot No. [illegible]

Bought of [illegible]

Address [illegible]

Type of Ore [illegible] Date Received [illegible]

Mining Claim [illegible] Mining District [illegible] Pile No. [illegible]

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
	[illegible]	5.1	[illegible]	0.37	1.57		[illegible]	[illegible]	

PRICED PER A.E.C. CIRCULAR NO. [illegible]

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U3O8 Payment	1010.39	[illegible]	135.69		[illegible]	
Development Allowance	1010.39	.50	135.69		[illegible]	
Excess 4 lbs. per ton Premium	469.63	.75	135.69		[illegible]	
Excess 10 lbs. per ton Premium						
Total U3O8 Payment						[illegible]
V2O5 Payment	1560.00	.31	135.69		[illegible]	
Total V2O5 Payment						[illegible]
Less High Lime Penalty over 6% CaCO3						
Less Penalty						
___%—___%—___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance ___ Miles [illegible] Net Tons @ $5.00 per net ton						[illegible]
Total U3O8, V2O5 and Haulage Payment						[illegible]

DMEA
DEPARTMENT OF THE INTERIOR
[illegible]
REGION III
DENVER, COLORADO

E812

UNITED STATES
DEPARTMENT OF THE INTERIOR
~~DEFENSE MINERALS EXPLORATION ADMINISTRATION~~
OFFICE OF MINERALS EXPLORATION

224 New Customhouse
Denver 2, Colorado
October 24, 1958

OFFICIAL FILE COPY
O. M. E.
OCT 27 1958
CODE
10/27 220
10/28 110
10/29 800
700

Memorandum

To: Chairman, Operating Committee, OME

From: Acting Executive Officer, OME Field Team, Region III

Subject; Statement in Lieu of Semiannual Report for the period January 1, 1958 to June 30, 1958

Docket No. DMEA 3649 (Uranium) Contract Idm-E812, Simpson Mining Company, etal., (Roger Group of claims) Mesa County, Colorado

Enclosed are the original and three copies of the subject report prepared in conformance with instructions contained in memorandum of January 6, 1956 from this office, Memorandum 29, and Special Notice in Minutes of Operating Committee Meeting No. 692.

E. N. Harshman

E. N. Harshman

Enclosures

DMEA, REGION III

Statement in Lieu of Semiannual Report

Reporting Period - January 1, 1958 to June 30, 1958
Docket and Contract Number - DMEA 3649, Contract Idm-E812
Operator - Simpson Mining Company, et al.

The project has been inactive during the reporting period ☐

Pertinent data relative to the subject contract has remained unchanged since the last report ☒

Remarks:

Full repayment of the amount due the Government was completed as of August 21, 1957. The mine continues to rank as an important producer in the Beaver Mesa area.

Signed H. F. Robertson Date 10/2/58

DMEA Form 18
Feb. 58

DEFENSE MINERALS EXPLORATION ADMINISTRATION

ANALYSIS OF SEMIANNUAL REPORT OF CERTIFIED PROJECT

Prepare in duplicate. File original in Official Docket. Send copy

To: Statistics Branch (Code 210)

From: Division of **Rare and Miscellaneous Metals**

Report Period 7/1/57-12/31/57

DMEA No.	Operator	Contract No.
3649	**Simpson Mining Company**	812

ORE ESTIMATES

	Tons	Analysis U_3O_8	V_2O_5
DMEA	51,644.8	0.27	1.67
Operator to date	—	—	
Total	51,644.8		
Production to date	24,045.8	0.30	1.30
Ore in ground	27,599.0		

INVESTMENT Not available for this report.

Type	Size		Feet	Cost
Shafts				
Winzes				
Drifts and Crosscuts				
Raises				
Drilling	Type			
Rehabilitation	Description			

FACILITIES

Mine Plant		
Mill		
Roads		

REMARKS

Full repayment due the government was completed August 21, 1957

Prepared by J. McMurphy Date 3/31/58

31398

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
224 New Customhouse
Denver 2, Colorado

March 18, 1958

ORIGINAL FILE COPY
RECEIVED MAR 21 1958

DATE		CODE
3/21	C	220
3/24	Com	100
"	FG	110
3/25	EEB	800
		700

Memorandum

To: Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region III

Subject: Semiannual Report of Certified Project for the period July 1, 1957 - December 31, 1957

DMEA Docket 3649
Contract Idm-E 812
Simpson Mining Company et. al. (Rajah Mine)
Mesa County, Colorado

Enclosed are the original and three copies of the subject report prepared in conformance with instructions contained in memorandum of January 6, 1956 from this office, Memorandum 29, and Special Notice in Minutes of Operating Committee Meeting No. 692.

WSKing
Executive Officer, DMEA
Field Team, Region III

Enclosures

MHM:dp

cc: Semiannual Report File E 812
DMEA/GJ
Hasler
Chron.

Semiannual Report of Certified Projects

Reporting Period July 1, 1957 - December 31, 1957

Docket and Contract Number DMEA 3649, Contract Idm-E812

Operator Simpson Mining Company et. al.

Commodity Uranium - Vauadium

Mine Name Rajah Mine

County and State Mesa County, Colorado

Date of Contract June 8, 1955

Date of Certification May 25, 1956

Expiration Date of Royalty Payments June 8, 1965

Date of Examination for this Report February 28, 1958

Total Amount of Contract $36,004.00

Total Expenditures under Contract $31,996.40

Amount of Government Participation at 75 % $23,997.31

Royalty Payments this Period $3,548.95

Previous Royalty Payments $20,448.36

Total Royalty Payments to Date $23,997.31

% Loan Repayment Completed 100

Amount of Royalty Due None

Royalty Remarks Full repayment due the Government was completed as of August 21, 1957.

	Tons	% Analysis U_3O_8	% Analysis V_2O_5
Original Estimate of DMEA Reserves (Field Team Final Report) Mines ☐ Survey ☐ Joint ☐	51644.8	0.27%	1.67%
Revised Estimate of DMEA Reserves (Field Team) Mines ☐ Survey ☐ Joint ☐	No revision		
Increase of Reserves by work performed subsequent to DMEA project work			
Production DMEA {conc / ore} (This period)	13,117,460	Approx. 0.31%	1.57%
(Previous)	10,928,340	0.28%	0.98%
(To Date)	24,045,800	0.30%	1.30%
" Operator's {conc / ore} (This period)			
(Previous)			
(To Date)			

Percent Revised Reserves Mined _____

(For Uranium Ores Only)

Initial Production Bonus:

Status Operator: Ineligible ☐ Not Applied ☐ Applied ☐ Rec'ing pmt ☐ Pd up ☒

Pounds U_3O_8 produced this period eligible for Bonus ---

Amount of Bonus paid to Operator this period $ ----

Total pounds U_3O_8 produced to date eligible for Bonus ----

Total amount of Bonus paid to Operator to date $ ----

Bonus Royalty Paid $ ----

Bonus Royalty Due $ -----

Investment Data

Not available for this report

Shafts Size	Shafts Feet	Shafts Cost	Winzes Size	Winzes Feet	Winzes Cost	Drifts & Crosscuts Size	Drifts & Crosscuts Feet	Drifts & Crosscuts Cost

Raises Size	Raises Feet	Raises Cost	Rehabilitation Description	Rehabilitation Cost	Drilling Type & Size	Drilling Feet	Drilling Cost

Facilities

Mine Plant Description	Mine Plant Cost	Mill Description	Mill Cost	Roads Description	Roads Cost

Remarks

Signed M. W. Salsbury (Engineer)

DEFENSE MINERALS EXPLORATION ADMINISTRATION

Div. of Rare & Misc. Metals Division

Date 9-30-57

Semi-Annual Report - Certified Project

Date 9-26-57
1-1-57 to 6-30-57

DMEA No. 3649 Operator Simpson MiningCo. Contract No. Idm-E 812

Ore Reserves

Ore Estimates	Tons	% Analysis U_3O_8	V_2O_5
Original (DMEA)	51,644.8	0.27	1.67
Increase (Operator)	—	—	—
Total	51,644.8	0.27	1.67
Decrease (Production)	10,928.34	0.28	0.98
Net Available	40,716.46	0.27	1.67

Investment

Shafts			Winzes			Drifts & Crosscuts		
Size	Feet	Cost	Size	Feet	Cost	Size	Feet	Cost

Raises			Drilling			Rehabilitation	
Size	Feet	Cost	Type & Size	Feet	Cost	Description	Cost

Facilities

Mine Plant		Mill		Roads	
Description	Cost	Description	Cost	Description	Cost

Remarks

No additional information submitted by Field Team

F. M. Murphy

200338

OFFICIAL FILE COPY
D M E A
RECEIVED SEP 30 1957

DATE		CODE
9.30	C	220
"	Com	100

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
224 New Customhouse
Denver 2, Colorado

September 26, 1957

Memorandum

To: Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region III

Subject: Semiannual Report of Certified Project for the period January 1, 1957 through June 30, 1957
DMEA Docket 3649 (Uranium-Vanadium)
Contract Idm-E 812 (Rajah Mine), Simpson Mining Company, et al, Mesa County, Colorado

Enclosed are the original and three copies of the subject report prepared in conformance with instructions contained in memorandum of January 6, 1956 from this office, Memorandum 29, and Special Notice in Minutes of Operating Committee Meeting No. 692.

G W Lammond

Alternate Acting Executive Officer
DMEA Field Team, Region III

Enclosures
MHM/vj

cc: Semiannual Report File E 812
DMEA/DFC (2)
DMEA/G.Jct.
Harshman
Hasler
Chron.

Semiannual Report of Certified Projects

Reporting Period	January 1, 1957 through June 30, 1957
Docket and Contract Number	DMEA 3649, Contract Idm-E812
Operator	Simpson Mining Company, et al
Commodity	Uranium-Vanadium
Mine Name	Rajah Mine
County and State	Mesa County, Colorado

Official

Date of Contract	June 8, 1955
Date of Certification	May 25, 1956
Expiration Date of Royalty Payments	June 8, 1965
Date of Examination for this Report	July 10, 1957

Total Amount of Contract	$36,004.00
Total Expenditures under Contract	$31,996.40
Amount of Government Participation at 75 %	$23,997.31

Royalty Payments this Period	$16,090.43
Previous Royalty Payments	$ 4,357.93
Total Royalty Payments to Date	$20,448.36
% Loan Repayment Completed	85.21%

Amount of Royalty Due	None
Royalty Remarks	----

	Tons	U_3O_8 Analysis	V_2O_5 Analysis
Original Estimate of DMEA Reserve (Field Team Final Report) Mines [ ] Survey [ ] Joint [ ]	51,644.8	0.27%	1.67%
Revised Estimate of DMEA Reserves (Field Team) Mines [ ] Survey [ ] Joint [ ]	No revision		
Increase of Reserves by work performed subsequent to DMEA project work			
		Approx.	
Production DMEA ore (This period)	* 7532.046	0.29%	1.08%
(Previous)	3396.294	0.26%	0.77%
(To Date)	10,928.340	0.28%	0.98%
" Operator's ore (This period) found subsequent (Previous) to DMEA work (To date)			

* Starting w/Liq. No. 7094
Ending w/Liq. No. 7376

Percent Revised Reserves Mines _____

(For Uranium Ores Only)

Initial Production Bonus:

Status of Operator: Ineligible [ ] Applied for [ ] Rec'ing pmt [ ] Paid up [X]

Pounds U_3O_8 produced this period eligible for Bonus ---

Amount of Bonus paid to Operator this period $ ---

Total pounds U_3O_8 produced to date eligible for Bonus ---

Total amount of Bonus paid to Operator to date $ ---

Bonus Royalty Paid $ ---

Bonus Royalty Due $ ---

Investment Data

Shafts Size	Shafts Feet	Shafts Cost	Winzes Size	Winzes Feet	Winzes Cost	Drifts & Crosscuts Size	Drifts & Crosscuts Feet	Drifts & Crosscuts Cost

Raises Size	Raises Feet	Raises Cost	Drilling Type & Size	Drilling Feet	Drilling Cost	Rehabilitation Description	Rehabilitation Cost

Facilities

Mine Plant Description	Mine Plant Cost	Mill Description	Mill Cost	Roads Description	Roads Cost

Remarks

Signed H. F. Robertson (Engineer)

DEFENSE MINERALS EXPLORATION ADMINISTRATION

Rare & Misc. Metals Division Date March 19, 1957

March 15, 1957

Semi-Annual Report - Certified Project Date July 1 to Dec. 31, 1956

DMEA No. 3649 Operator Simpson Mining Co., etal Contract No. Idm-E 812

Ore Reserves

Ore Estimates	Tons	Analysis % V_2O_5	V_2O_5
Original (DMEA)	51,644.8	0.27	1.67
Increase (Operator)	—	—	—
Total	—	—	—
Decrease (Production)	3 396.31	0.26	0.77
Net Available	48,248.49	0.27	1.67

Investment

Shafts			Winzes			Drifts & Crosscuts		
Size	Feet	Cost	Size	Feet	Cost	Size	Feet	Cost

Raises			Drilling			Rehabilitation	
Size	Feet	Cost	Type & Size	Feet	Cost	Description	Cost

Facilities

Mine Plant		Mill		Roads	
Description	Cost	Description	Cost	Description	Cost

Remarks

Royalty payments to ~~date~~ — $4,357.93

First 10,000# AEC bonus on production completed prior to contract. However, the Operator stated that a reapplication for the bonus on the claims covered by Contract E-812 was being made.

Murphy

100338

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
224 New Customhouse
Denver 2, Colorado

March 15, 1957

OFFICIAL FILE COPY
DMEA
RECEIVED MAR 18 1957

DATE	INITIALS	CODE
3/18	C	220
18	Com	100

Memorandum

To: Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region ~~III~~

Subject: Semiannual Report of Certified Project for the period July 1, 1956 through December 31, 1956
DMEA Docket 3649 (Uranium-Vanadium)
Contract Idm-E 812, Simpson Mining Company, et al (Rajah Group of Claims), Mesa County, Colorado

Enclosed are the original and three copies of the subject report prepared in conformance with instructions contained in memorandum of January 6, 1956 from this office, Memorandum 29, and Special Notice in Minutes of Operating Committee Meeting No. 692.

E. M. Harshman

for W. M. Traver
Executive Officer, DMEA
Field Team, Region III

Enclosures

MHM/vj

cc: Semiannual Report File E 812
J. F. Shaw (2)
Harshman
Hasler
chron.

Semiannual Report of Certified Projects

Reporting Period July 1, 1956 to December 31, 1956

Docket and Contract Number DMEA 3649, Contract Idm-E812

Operator Simpson Mining Company et al

Commodity Uranium-Vanadium

Mine Name Rajah Group of claims

County and State Mesa County, Colorado

DMEA
DEPARTMENT OF THE INTERIOR
MAR 14 1957
REGION III
DENVER, COLORADO

OFFICIAL FILE COPY
DMEA
RECEIVED MAR 18 1957

DATE	INITIALS	CODE

Date of Contract June 8, 1955

Date of Certification May 25, 1956

Expiration Date of Royalty Payments June 8, 1965

Date of Examination for this Report February 1957

Total Amount of Contract $36,004.00

Total Expenditures under Contract $31,996.40

Amount of Government Participation at 75 % $23,997.31

Royalty Payments this Period $4,357.93

Previous Royalty Payments none

Total Royalty Payments to Date $4,357.93 $12,151.16 To 3/13/57 EEF

% Loan Repayment Completed 18.16

Amount of Royalty Due none

Royalty Remarks

	Tons	Analysis U_3O_8 Percent	Analysis V_2O_5
Original Estimate of DMEA Reserves (Field Team Final Report) Mines [ ] Survey [ ] Joint [ ]	51,644.8	0.27	1.67
Revised Estimate of DMEA Reserves (Field Team) Mines [ ] Survey [ ] Joint [ ]	no revision		
Increase of Reserves by work performed subsequent to DMEA project work			
Production DMEA ore (This period)	3,396.31	0.26	0.77
(Previous)	none		
(To date)	3,396.31	0.26	0.77
" Operator's ore found subsequent to DMEA work (This period)			
(Previous)			
(To date)			

Percent Revised Reserves mined 6.6

(For Uranium Ores Only)

Initial Production Bonus:

Status of Operator: Ineligible [X] 1/ Applied for [ ] Rec'ing pmt [ ] Pd up ____

Pounds U_3O_8 produced this period eligible for Bonus none

Amount of Bonus paid to Operator this period $ none

Total pounds U_3O_8 produced to date eligible for Bonus ____

Total amount of Bonus paid to Operator to date $ ____

Bonus Royalty Paid $ ____

Bonus Royalty Due $ ____

Investment Data No information for this report

Shafts Size	Shafts Feet	Shafts Cost	Winzes Size	Winzes Feet	Winzes Cost	Drifts & Crosscuts Size	Drifts & Crosscuts Feet	Drifts & Crosscuts Cost

Raises Size	Raises Feet	Raises Cost	Drilling Type & Size	Drilling Feet	Drilling Cost	Rehabilitation Description	Rehabilitation Cost

Facilities

Mine Plant Description	Mine Plant Cost	Mill Description	Mill Cost	Roads Description	Roads Cost

1/ See attached Table 1 for itemized list of ore shipments.

Remarks

First 10,000 pounds of uranium from group of claims of which DMEA subordinated claims are a part was produced prior to the DMEA contract date under certification number D.U.P. C6-C-622. Production subject to DMEA royalty is therefor ineligible to receive bonus. However, the operator stated in a letter to the Executive Officer, DMEA Reg. III dated Nov. 27, 1956 that a reapplication for bonus certification was being made covering claims subordinated under contract Idm-E812.

Signed A. L. Cousebean Jr. (Engineer)

M. H. Salsbury

TABLE 1: Tabulation of ore shipments June 8, 1955 to December 31, 1956
Simpson Mining Company et al, Rajah Nos. 67 and 68 claims.
Docket No. DMEA 3649, Contract Idm-E812.

Compiled from Atomic Energy Commission Records

Liquidation No.	Date	Claim	Dry Tons	Contents U_3O_8 Percent	Contents U_3O_8 Pounds	Contents V_2O_5 Percent	Contents V_2O_5 Pounds
prior to July 1, 1956			No Shipments				
1595	8-56	Rajah 67	43.44	0.43	373.61	0.68	590.82
6826	8-56	Rajah 67	135.69	0.37	1,010.39	0.57	1,560.00
1639	9-56	Rajah 67	558.85	0.40	4,430.55	0.79	8,829.59
6864	9-56	Rajah 67	209.13	0.18	752.46	0.64	2,659.33
1708	10-56	Rajah 67	210.84	0.27	1,135.27	1.28	5,390.56
6907	10-56	Rajah 67	406.85	0.19	1,564.88	0.82	6,691.60
6906	10-56	Rajah 68	14.64	0.24	70.28	0.39	114.21
1768	11-56	Rajah 67	451.43	0.27	2,458.31	0.85	7,632.76
6971	11-56	Rajah 67	285.66	0.30	1,698.26	1.03	5,876.90
R-1793	12-56	Rajah 67	233.16	0.19	866.02	0.57	2,657.57
R-1793	12-56	Rajah 68	222.98	0.22	965.77	0.52	2,304.43
7020	12-56	Rajah 67 and 68	623.64	0.19	2,401.27	0.64	7,950.62
Totals through 12-31-56			3,396.31	0.26	17,727.07	0.77	52,258.39

All shipments sold to Union Carbide Nuclear Company plants at Uravan and Rifle, Colorado

OFFICIAL FILE COPY
DMEA
RECEIVED MAR 18 1957
DATE
INITIALS
CODE

DEFENSE MINERALS EXPLORATION ADMINISTRATION

Rare & Misc. Metals Division Date September 24, 1956

Semi-Annual Report - Certified Project Date June 8, 1955, thru June 30, '56

DMEA No. ~~812~~ 3649 Operator Simpson Mining Co. Contract No. Idm-E 812

Ore Reserves

Ore Estimates	Tons	Analysis	
Original (DMEA)	57,938	0.25 U_3O_8	2.45 V_2O_5
Increase ~~(Operator)~~	see revised figures below		
Total minable	51644.8	0.27 U_3O_8	1.67 V_2O_5
" Non-minable	7684.0	0.15 "	1.66 "
Decrease (Production)	no production to date		
Net Available			

Investment

Shafts			Winzes			Drifts & Crosscuts		
Size	Feet	Cost	Size	Feet	Cost	Size	Feet	Cost

Raises			Drilling			Rehabilitation	
Size	Feet	Cost	Type & Size	Feet	Cost	Description	Cost

Facilities

Mine Plant		Mill		Roads	
Description	Cost	Description	Cost	Description	Cost

Remarks

Claims have been in process of development for past year.

F M Murphy

100338

RECEIVED
SEP 24 1956

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
Washington 25, D. C.

224 New Customhouse
Denver 2, Colorado

Date: September 20, 1956

Memorandum

To: Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region III

Subject: Semiannual Report of Certified Project for the period June 8, 1955 through June 30, 1956
DMEA Docket 3649 (Uranium)
Contract Idm-E812, Simpson Mining Company, et al (Rajah Claim), Mesa County, Colorado

Enclosed are the original and three copies of the subject report prepared in conformance with instructions contained in memorandum of January 6, 1956 from this office, ~~and~~ Memorandum 29, and Special Notice in Minutes of Operating Committee Meeting No. 692.

W. M. Traver
Executive Officer, DMEA
Field Team, Region III

Enclosures
MHM/vj
cc: Semiannual Report File E812
J. F. Shaw (2)
E. N. Harshman
J. W. Hasler
Chron.

RECEIVED
SEP 24 1956
DMEA
DEPARTMENT OF THE INTERIOR
SEP 10 1956
REGION III
DENVER, COLORADO

DMEA, REGION III

STATEMENT IN LIEU OF SEMIANNUAL REPORT

Reporting Period June 8, 1955 through June 30, 1956
Docket and Contract Number DMEA 3649, Contract Idm-E812
Operator Hamilton, Harris, McDavid, Phillips, Ladd, and Simpson Mining Company

	"X" one
The project has been inactive during the reporting period	☐
Pertinent data relative to the subject contract has remained unchanged ~~except as noted~~	X

Remarks: This project was certified May 25, 1956. The claims have been in the process of development during the past year by Simpson Mining Company's operating subsidiary, Beaver Mesa Uranium, Inc., but are not in production yet.

Reserves as shown in DMEA final report.

Reserve block	Dry tons	percent U_3O_8	percent V_2O_5
North	38,771.6	0.21	1.67
South	12,873.2	0.44	1.69
Total minable 1/	51,644.8	0.27	1.67
Non minable 2/	7,684.0	0.15	1.66
	59,329		

1/ The Atomic Energy Commission has used these figures in its reserve estimate but carries this tonnage as 31,645 tons of indicated ore and 20,000 tons of inferred ore.

2/ Atomic Energy Commission divides this tonnage into 4,684 tons of indicated ore and 3000 tons of inferred ore.

Signed M. H. Salsbury

Date August 9, 1956

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

FEB 20 1956

FINAL DISTRIBUTION
MADE FEB 16 1956

224 New Customhouse
Denver 2, Colorado

January 6, 1956

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: FINAL PAYMENT - Docket DMEA-3649 (Uranium), Contract Idm-E812, Hamilton et al. and Simpson Mining Co., Rajah Claims, Grand County, Utah and Mesa County, Colorado

Reference is made to our memorandum dated November 28, 1955 whereby we transmitted the final Form MF-104, Operator's Monthly Progress Report and Voucher for the period October-November, 1955 and requested that you withhold an amount of $500.00 pending receipt of the Operator's Final Report, and release of the Report of Review of contract expenditures by the Contract Administration and Audit Division, DMEA.

The Operator's Final Report has been received, therefore we recommend that final payment to the Operator be made on the following basis which is in conformance with the Report of Review by the Contract Administration and Audit Divison dated December 16, 1955 which was released to this office January 5, 1956.

Basis for Final Payment

Total accepted cost- - - - - - - - - - - - - -	$31,996.40
Government Participation at 75 percent- - -	23,997.31
Total prior payments- - - - - - - - - - - - - -	23,497.31
Recommended Final Payment- - - - - - - - - - $	500.00

$ 500.00

W. M. Traver

Enclosures

2/15/56 DMEA 5672

JDC:jy
cc: MF-104 File E812
Sec. Op. Comm. (2)
Chron.
Shaw (2)
Townsend

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

RECEIVED
DEC 19 1955

224 New Customhouse
Denver 2, Colorado

December 16, 1955

Memorandum

To: Secretary to the Operating Committee, DMEA

From: Acting Executive Officer, DMEA Field Team, Region III

Subject: DMEA Docket 3649 (Uranium) Contract Idm-E812, Simpson Mining Co., et al., Rajah Claims; Grand County, Utah and Mesa County, Colorado

Enclosed are two copies of the Operator's Monthly Progress Report, Form MF-104 and MF-104A, Operator's Narrative Report, Inspecting Engineer's Narrative Report, and other supporting data pertaining to work under the subject contract for the period October-November, 1955.

E. N. Harshman

E. N. Harshman

Enclosures

S. DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
REGION IV

RECEIVED
DEC 19 1955

Administrative Audit Difference Statement

Date: December 19, 1955
Payee's
Reference:

Julian L. Simpson
Box 227, 501 Main Street
Grand Junction, Colorado

Dear Sir:

Upon examination of the above Payee's reference a difference was found which made it necessary to suspend your account accordingly:

Amount Claimed $ 22,000.00

Difference $

Amount Approved $ 22,000.00

The reason for the difference was due to:

$ 1500.00 withhold pending release of the Final Audit and Report of Review by the Contract Administration and Audit Division.

Any reclaim for deductions made above must be supported by the ORIGINAL of this form.

Very sincerely yours,

N.E.Stokes
Audit Section

R-IV-B & F Form No. 4
4-15-52 D

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D.C.

RECEIVED
DEC 19 1955

224 New Customhouse
Denver 2, Colorado

November 28, 1955

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: DMEA Docket 3649, (Uranium) Contract Idm-E812, Simpson Mining Co., et al., Rajah Claims; Grand County, Utah and Mesa County, Colorado - Operator's Monthly Progress Report, for the period October-November, 1955

Enclosed are the original and four copies each of Forms MF-104 and MF-104A, Narrative Report, and Engineer's Report for the above period.

Work has been accomplished as authorized in the contract and payment is recommended for 75 percent of the amount as reported on Form MF-104, contingent on your verification of the correctness of applicable rates and arithmetical accuracy of computations, except for the following deductions:

Withhold an amount of $500.00 pending receipt of the Operator's Final Report, and release of the Final Audit or Report of Review by the Contract Administration and Audit Division, DMEA

Remarks

Date of Report- - - - - - - - - - - - - - - - - -November 9, 1955
Date Received in Field Office- - - - - - - - -November 10, 1955
Date Received in Region Office- - - - - - - - November 22, 1955

JDC:jy

W. M. Traver

cc: MF-104 File E812
Sec. Op. Comm. (2)
Shaw (2)
Townsend w/copy engr's report
Chron.

By J. W. Townsend

Enclosures

REGION III

Building 20
Denver Federal Center
Denver 2, Colorado
November 22, 1955

RECEIVED
DEC 1 1955

Memorandum

To: Executive Officer, DMEA Field Team, Region III

From: John F. Shaw, Supervising Mining Engineer

Subject: DMEA 3649, Contract Idm-E812, Kingsen Mining Co., et al., Rajah claims, Grand County, Utah and Mesa County, Colorado
Monthly progress report for October and November 1955

The examining engineer visited the project on November 1, 1955, when the last hole, RR-24, was just beginning to be cored at 360 feet. Approval for 360 feet of non-core drilling and 85 feet of core drilling in this hole is based on the drillers daily logs and the certified invoice for this work submitted by Sprague & Henwood, Inc. the contract drillers.

John F. Shaw
John F. Shaw
Supervising Mining Engineer

JFS:ph

cc 6
Idm-E812
Chron.

RECEIVED

DEC 19 1955

REGION III

Building 20
Denver Federal Center
Denver 2, Colorado
November 22, 1955

Memorandum

To: John F. Shaw, Supervising Mining Engineer

From: Glen Walker

Subject: DMEA 3649, Contract Idm-8512, Simpson Mining Co., et al., Bajah claims, Grand County, Utah and Mesa County, Colorado
Monthly progress report for October and November 1955

The project was visited November 1, 1955, when the last hole, MR-24, was just beginning to be cored at 360 feet. The operator is requesting participation in the cost of the following holes drilled during the period: MR-17, 18, 19, 20, 21, 22, 23, 24, 25 and 26. On the basis of the field inspection and the substantiating evidence presented with the MF-104's, 3,475 feet of plugging and 789 feet of coring are approved.

The work done during the period finished Stage II and the project as stipulated by the contract. Of the ten holes completed in October and November 1955 one, MR-21, can be interpreted as an ore hole; however all the holes showed some mineralization.

The amounts and extensions shown on the MF-104's appear correct and are approved as shown. It should be pointed out that although the total footage estimated in the contract was exceeded by 302 feet, the total expenditure was well within the limits of the contract.

Payment in the amount of $9,501.30 is recommended.

It is recommended that $250.00 be withheld from the amount of $9,501.30 due the operator pending receipt of a final report.

for John F. Shaw
Glen Walker
Mining Engineer

GW:ph

cc 6
Idm-8512
Chron.

Form MF-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
DEC 19 1955

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of Oct. - Nov., 1955 Docket No. DMEA 3649 Contract No. Idm-2812
Operator's Name Hamilton, Harris, McDavid, Phillips, Ladd Minerals Uranium
Address and Simpson Mining Company
Contract Amount, $ 36,004.00 Government Participation: 75 % Amount, $ 27,003.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling	9,510.00	14,464.00	23,974.00			
Bulldozing	516.00	649.00	1,165.00			
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis	84.00	306.00	390.00			
Payroll Taxes						
Liability Insurance						
Incidental Allowance	2,558.40	3,909.00	6,467.40			
(8) Contingencies (specify):						
TOTALS	12,668.40	19,328.00	31,996.40			

I certify that the above bill is correct and just and that payment therefor has not been received.
Date Nov. 9, 1955 *Payee Hamilton, Harris, McDavid, Phillips, Ladd & Simpson Mining Company
Per Julian E. Simpson Title Agent

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$ 9001.30

Signature RRP
(Authorized Certifying Officer)

Date 12-14-55 Vou. No. DMA-56-48
(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Ema in accordance with the terms of the contract.

Signature Gwadalupe 9501 30 Title Manager Date 11/18/55

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature For Wm. Tow Title Executive Officer Date NOV 28 1955

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
DEC 19 1955

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of Oct.-Nov. 1955 Docket No. DMEA 3649 Contract No. 10m-E812
Operator's Name Hamilton, Harris, McDavid, Phillips, Ladd and Simpson Mining Company Minerals Uranium
Address

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core (200-300)	Foot	None	None	110.00	40	2.75	300	2.75
Churn (300-400)	Foot	1461.00	487	4,050.00	1351	3.00	1040	3.00
[illegible] (400-500)	Foot	1057.00	302	2,058.00	588	3.50	600	3.50
[illegible] Plug	Foot	6050.00	3475	17,600.00	8800	2.00	8698	2.00
[illegible] Standby Time	Hour	42.00	3.5	153.00	12.75	12.00	20	12.00
[illegible] Analysis	Sample	84.00	14	390.00	65	6.00	150	6.00
Roads and Trails	Day	516.00	5.625	1,165.00	13	89.615	28	100.00
Incidental Costs	Foot	3550.40	4264	6,467.40	10,779	0.60	11238	0.60
TOTAL DISTRIBUTED COSTS		12,660.40		31,996.40				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		12,660.40		31,996.40				

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date Nov. 9, 1955 Operator Hamilton, Harris, McDavid, Phillips, Ladd and Simpson Mining Company

Per Julian E. Simpson Title Agent

REMARKS: To save on the overall cost of the project, unnecessary coring above the ore bearing sandstone lens was eliminated and the footage plugged instead. As a result of this, the total plug footage (8800) exceeds the amount authorized by the contract (8698) by 302 feet.

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

(For Government use only)

gm

INSTRUCTIONS

Preparation of Form MF-104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF-104A has been designed to tie in with Form MF-104 for both monthly and cumulative costs. The "Total Costs" on Form MF-104A for each month should equal the monthly "Total Costs" as reported on Form MF-104. This is also true of the "Total Costs To Date".

In preparing Form MF-104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

o

GPO 872894

RECEIVED
DEC 19 1955

U. S. Government Docket No. DMEA 3649
Contract No. Idm-E812 - Rajah Claims

NARRATIVE FOR OCTOBER - NOVEMBER, 1955 - REPORT

November 9, 1955

Work under the contract was continued during October and completed early in November, 1955.

The September Progress Report was mailed to U. S. Bureau of Mines on October 5, 1955, and contained all pertinent information regarding holes HR 9, HR 10, HR 11, HR 12, HR 13, HR 14, HR 15 and HR 16 which were completed in September.

By November 3, 1955 the remaining 10 holes of Stage II (HR 17, HR 18, HR 19, HR 20, HR 21, HR 22, HR 23, HR 24, HR 25 and HR 26) were completed. This completes all of the work authorized under the contract. All of the holes were drilled non-core to the inferred Brushy Basin-Salt Wash contact whereupon the remainder of each hole was cored AX in size through the uppermost sandstone lens (which ranged from 42 to 53 feet thick in these 10 holes) and the lower gray-green mudstones. Each of the holes was bottomed after they had penetrated (from 3 to 12 feet) into the underlying red mudstone. All holes were completed with excellent core recovery.

Seven of the holes (HR 17, HR 18, HR 19, HR 21, HR 23, HR 25 and HR 26) were mineralized and 3 of the holes (HR 20, HR 22, HR 24) were barren. The mineralized portions of the core were split, the Operator used one-half for assay purposes and a total of 14 samples were taken which were assayed for % U_3O_8, % V_2O_5, and % $CaCO_3$. Where feasible the length of core used for an individual sample was limited to 12 inches. Only one (Sample No. 63) of the 14 samples assayed exceeded 12 inches in length. It was not practicable to break this sample into smaller units because of its uniform character. The other half of the mineralized core was stored for Government use along with the rest of the core in boxes properly labelled as to hole number and depth. The Geologist at the U.S.G.S. Beaver Mesa Camp was kept informed of the drilling progress.

Drill hole information for the 10 holes completed in October-November is in the tables that follow.

DRILL HOLE INFORMATION

Drill Hole No.	HR 17	HR 18	HR 19	HR 20
Claim	Rajah No. 67	Rajah No. 67	Rajah No. 67	Rajah No. 67
Date Completed	10/25	10/21	10/21	10/29
Plug	350	330	315	390
Core	84	85	69	70
Total Depth	434	415	384	460
Mineralized	Yes	Yes	Yes	No
Ore Sand	Favorable	Favorable	Favorable	Favorable

Drill Hole No.	HR 21	HR 22	HR 23	HR 24
Claim	Rajah No. 67	Rajah No. 67	Rajah No. 67	Rajah No. 67
Date Completed	10/19	10/25	10/15	11/3
Plug	340	320	360	360
Core	85	58	77	85
Total Depth	425	378	437	445
Mineralized	Yes	No	Yes	No
Ore Sand	Favorable	Favorable	Favorable	Favorable

Drill Hole No.	HR 25	HR 26
Claim	Rajah No. 67	Rajah No. 67
Date Completed	10/17	10/11
Plug	350	360
Core	99	77
Total Depth	449	437
Mineralized	Yes	Yes
Ore Sand	Favorable	Favorable

LIST OF SAMPLES AND ASSAYS

Sample No.	Hole No.	Sampled From	Sampled To	Thickness of Sample Feet	% U_3O_8	% V_2O_5	% $CaCO_3$
52	HR 26	406.3	407.0	0.7	0.02	0.38	0.93
53	HR 26	422.3	422.7	0.4	0.00	0.30	9.48
54	HR 23	422.3	423.2	0.9	0.01	0.37	8.66
55	HR 23	423.2	424.0	0.8	0.00	0.30	11.51
56	HR 25	421.0	421.4	0.4	0.06	4.97	1.32
57	HR 25	424.3	424.9	0.6	0.03	0.59	23.13
58	HR 21	404.5	405.3	0.8	0.25 ✓	4.53	3.37
59	HR 21	405.3	406.3	1.0	0.01	0.09	5.61
60	HR 21	406.3	407.3	1.0	Tr	Tr	5.77
61	HR 19	351.6	352.3	0.7	0.14 ✓	0.60	8.00
62	HR 19	355.8	356.3	0.5	0.12 ✓	0.51	1.37
63	HR 19	362.1	364.1	2.0	Tr	Tr	1.75
64	HR 18	387.8	388.8	1.0	0.05	1.28	3.56
65	HR 17	418.4	419.0	0.6	0.05	0.26	3.07

Attached are one print each of 10 Drill Hole Logs (HR 17, HR 18, HR 19, HR 20, HR 21, HR 22, HR 23, HR 24, HR 25 and HR 26) certified copies of assay results and a map showing the location of the 26 holes drilled under the contract.

HAMILTON, HARRIS, McDAVID, PHILLIPS,
LADD and SIMPSON MINING COMPANY

BY Julian E. Simpson
Julian E. Simpson

DRILL HOLE LOG

Type of Drill: Diamond (AX)

Logged For: Simpson Mining Co.
DMEA 3649-Idm-E812

Drill-hole No.: HR-17
Total depth: 434.0
Collar elev. ..... T ..... P
Area: Beaver Mesa

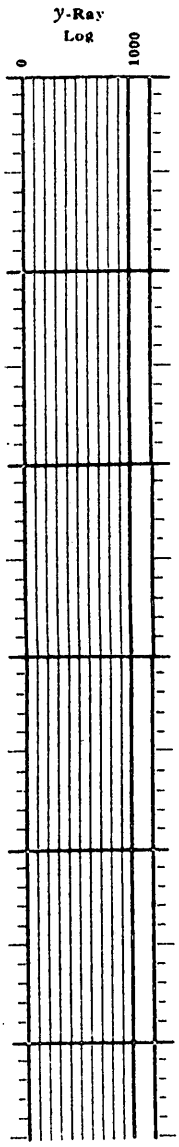
COORDINATES
North ..... East .....
Tie .....

Claim: Rajah No. 67
Date started .....
Date completed: Oct. 25, 1955
Logged by: A.M.S.

Summary of log: Favorable; OBSS 381-423 Thick 42; SS color Wh; MS under OBSS Gn, 6.0; Cbn. S

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
0.0	350.0					Plug Bit No Core
350.0	378.5	MS	R,Gn		N	
378.5	380.5	MS	Gn		N	
380.5	384.1	SS	L Gn	MF	N	A Gn Int MS
384.1	413.4	SS	Wh	MF	N	S Gn MS Sms
413.4	415.5	SS	Wh	MF	S	A Gn MS P & Sms
415.5	418.4	SS	Wh	MF	S	
418.4	419.0	SS	L Gy	MF	A	Sample #65
419.0	422.7	SS	Wh	MF	S	W Gn MS Sms
422.7	428.7	MS	Gn		N	
428.7	434.0	MS/ST	R,Gn			

y-Ray Log



	SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5
#65	419.0	0.6	0.05	0.26		

CaCo3
3.07

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No. HR-17

DRILL HOLE LOG

Type of Drill: Diamond (AX)

Logged For: Simpson Mining Co. DMEA 3649-Idm-E812

Drill-hole No.: HR-18
Total depth: 415.0
Collar elev.: 7206 T P
Area: Beaver Mesa

COORDINATES
North: East:
Tie:

Claim: Rajah No. 67
Date started: Oct. 12, 1955
Date completed: Oct. 21, 1955
Logged by: A.M.S.

Summary of log: Favorable; OBSS 348-396 Thick 48; SS color Wh; MS under OBSS Gn, 7.7; Cbn. S

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
0.0	330.0					Plug Bit No Core
330.0	347.5	MS	R			
347.5	349.8	SS	L Gn	MF	N	A Gn Int MS
349.8	377.0	SS	Wh	MF	N	S Gn MS P & Sms
377.0	379.2	SS	L Gy	MF	S	S Gn Int MS P & Sms
379.2	387.8	SS	Wh	MF	N	
387.8	388.8	SS	Gy	MF-F	A	Sample #64
388.8	390.2	SS	Wh	MF	N	
390.2	392.7	SS	L Gy	MF-M	S	20% Gn MS P & Sms
392.7	396.2	SS	Wh	MF	N	
396.2	403.9	MS/ST	Gn		N	
403.9	415.0	MS	R			

γ-Ray Log: 0 — 1000

	SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5
#64	388.8	1.0	0.05	1.28		

$CaCO_3$ 3.56

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl - blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS- ore bearing sandstone	

Hole No. HR-18

DRILL HOLE LOG

Type of Drill: Diamond (AX)

Logged For: Simpson Mining Co.
DMEA 3649-Idm-E812

Drill-hole No.: HR-19
Total depth: 384.0
Collar elev. ... T ... P
Area: Beaver Mesa

COORDINATES
North ... East ...
Tie ...

Claim: Rajah No. 67
Date started ...
Date completed: Oct. 21, 1955
Logged by: A.M.J.

Summary of log: Favorable; OBSS 326-371 Thick 45; SS color Wh; MS under OBSS Gn, 4.6; Cbn. M

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
0.0	315.0					Plug Bit No Core
315.0	325.7	MS/ST	R			
325.7	327.0	SS	L Gn	MF	N	S Int Gn MS
327.0	346.5	SS	Wh	M	N	Broken; S Gn MS Sms
346.5	349.5	SS	L Gn	F	N	A Gn MS Int
349.5	350.6	MS	Gn		N	Sandy
350.6	351.6	SS	Wh	MF	N	
351.6	352.3	SS	Gy	MF	A	Sample #61
352.3	352.4	MS	R, Gn			
352.4	355.8	SS	Wh	MF	S-A	A Int Gn MS
355.8	356.3	SS	Gy	MF	A	Sample #62
356.3	362.1	SS	Wh	M	S	A Int Gn MS
362.1	364.1	SS	L Gy	M	S	S Int Gn MS Sample #63
364.1	365.0	SS	Wh	MC	N	40% Gn MS Sms & P
365.0	370.7	SS	Wh	MF	S	S Lim Spks
370.7	375.3	MS/ST	Gn		N	
375.3	384.0	MS	R, Gn		N	

γ-Ray Log: 0 — 1000

	SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5	CACO3
#61	352.3	0.7	0.14	0.60			8.00
#62	356.3	0.5	0.12	0.51			1.37
#63	364.1	2.0	Tr	Tr			1.75

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No. HR-19

DRILL HOLE LOG

Type of Drill: Diamond (AX)

Logged For: Simpson Mining Co.
DMEA 3649-Idm-E812

Drill-hole No.: HR-20
Total depth: 460.0
Collar elev.: T P
Area: Beaver Mesa

COORDINATES
North: East:
Tie:

Claim: Rajah No. 67
Date started:
Date completed: Oct. 29, 1955
Logged by: A.M.S.

Summary of log: Favorable; OBSS 399-452 Thick 53; SS color Wh; MS under OBSS Gn, 4.9; Cbn. S

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
0.0	390.0					Plug Bit No Core
390.0	398.9	MS	R		N	
398.9	404.3	SS	L Gn	MF	N	A Int Gn MS
404.3	451.7	SS	Wh	MF	S	S Gn MS Sms
451.7	456.6	MS	Gn		N	
456.6	460.0	MS/ST	R			

γ-Ray Log: 0 — 1000

SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No. HR-20

DRILL HOLE LOG

Type of Drill Diamond (AX)

COORDINATES

North ..... East .....

Tie .....

Logged For

Simpson Mining Co.
DMEA 3649-Idm-E812

Claim Rajah #67

Date started 10/10/55

Date completed 10/19/55

Logged by A.M.S.

Drill-hole No. HR-21

Total depth 425.0

Collar elev. 7222 T. ..... P

Area Beaver Mesa

Summary of log Favorable ; OBSS 365-410 Thick 45 ; SS color Wh ; MS under OBSS Gn, 7.6' ; Cbn. A

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
0.0	340.0					Plug Bit No Core
340.0	363.2	MS	R		N	
363.2	364.5	MS	Gn		N	
364.5	383.2	SS	Wh	M	S	A Gn Int MS P & Sm
383.2	383.5	MS	Gn		N	
383.5	390.1	SS	Wh	MF	S	
390.1	391.8	SS	Wh	MF	S	Cbn Stks; A Gn MS Sm
391.8	392.6	SS	Wh	MC	S	20% Gn MS Sm & P
392.6	403.9	SS	Wh	MF-F	S	A Gn Int MS
403.9	404.5	SS	Wh	M	S	A R & Gn MS P
404.5	405.3	SS	Bk	MF	A	Sample #58
405.3	406.3	SS	Gy	MF	A	Sample #59
406.3	407.3	SS	L Gy	MF	A	Sample #60
407.3	409.5	SS	L Gy	MF	A	A Cbn Fks
409.5	417.1	MS/ST	Gn		N	
417.1	425.0	MS/ST	R			

γ-Ray Log 0 — 1000

	SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5
#58	405.3	0.8	0.25	4.53		
#59	406.3	1.0	0.01	0.09		
#60	407.3	1.0	Tr	Tr		

CACO3
3.37
5.61
5.77

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No. HR-21

DRILL HOLE LOG

Type of Drill: Diamond (AX)

Logged For: Simpson Mining Co.
DMEA 3649-Idm-E812

Drill-hole No.: HR-22
Total depth: 378.0
Collar elev. ..... T ..... P
Area: Beaver Mesa

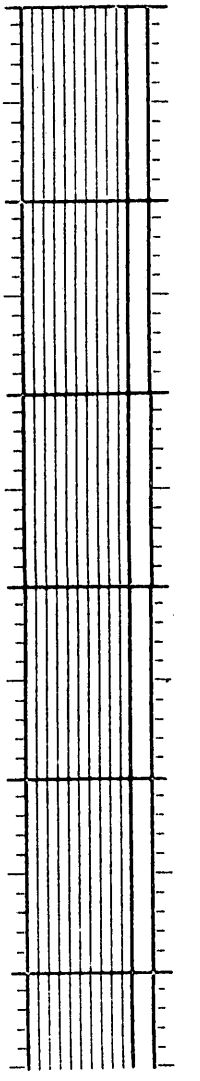
COORDINATES
North ..... East .....
Tie .....

Claim: Rajah No. 67
Date started .....
Date completed: Oct. 25, 1955
Logged by: A.M.S.

Summary of log: Favorable ; OBSS 326-373 Thick 47 ; SS color Wh, LGn MS under OBSS 0.6, Gn ; Cbn S

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
0.0	320.0					Plug Bit No Core
320.0	326.1	MS	R			
326.1	328.5	SS	L Gn	MF	N	A Int Gn MS
328.5	350.3	SS	Wh	MF	S	S Gn MS Sms
350.3	350.8	MS	Gn		N	
350.8	353.6	MS	R			
353.6	357.9	SS	L Gn	F	N	A Int Gn MS
357.9	358.7	MS	Gn		A	
358.7	372.5	SS	Wh	MF	S	S Gn MS Sms
372.5	373.1	MS	Gn		N	
373.1	378.0	MS	R			

γ-Ray Log



SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant

OBSS—ore bearing sandstone

Hole No. HR-22

DRILL HOLE LOG

Type of Drill: Diamond (AX)

Logged For: Simpson Mining Co.
DMEA 3649-Idm-E812

Drill-hole No.: HR-23
Total depth: 437.0
Collar elev.: T P
Area: Beaver Mesa

COORDINATES
North: East:
Tie:

Claim: Rajah No. 67
Date started:
Date completed: 10/15/55
Logged by: A.M.S.

Summary of log: Favorable ; OBSS 376-426 Thick 50 ; SS color Wh, LGy MS Gn, 54 under OBSS ; Cbn. M

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
0.0	360.0					Plug Bit No Core
360.0	376.0	MS/ST	R			
376.0	378.4	SS	Gn	MF	N	A Gn MS Int
378.4	415.3	SS	Wh	MF	S	S Gn MS P & Sm
415.3	415.9	MS	Gn		N	
415.9	422.3	SS	Wh	MF	S	S Gn MS Sm
422.3	423.2	SS	Gy	MF	A	Sample #54
423.2	424.0	SS	L Gy	MF	S	Sample #55
424.0	425.9	SS	Wh	MF	N	
425.9	431.3	MS	Gn		N	
431.3	437.0	MS	R		N	

γ-Ray Log
0 1000

SAMPLE	BASE	THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5
#54	423.2	0.9	0.01	0.37		
#55	424.0	0.8	0.00	0.30		

CACO 3
8.66
11.51

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No. HR-23

DRILL HOLE LOG

Type of Drill Diamond (AX)

Logged For
Simpson Mining Co.
DMEA 3649-Idm-E812

Drill-hole No. HR-24
Total depth 445.0
Collar elev. T. P
Area Beaver Mesa

COORDINATES
North East
Tie

Claim Rajah No. 67
Date started
Date completed Nov. 3, 1955
Logged by D.L.W.

Summary of log Favorable; OBSS 381-431 Thick 50; SS color Wh; MS under OBSS 8.6, Gn; Cbn S

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
0.0	360.0					Plug Bit No Core
360.0	362.4	ST	Gn		N	
362.4	364.1	MS	Gn		N	
364.1	366.5	MS/ST	R		N	
366.5	369.2	MS	Gn		N	
369.2	371.6	ST	R			
371.6	372.6	SS/ST	Gn	F	N	
372.6	381.3	ST/SS	R			
381.3	383.3	SS	Gn	M	N	A Int Gn MS, & P
383.3	397.6	SS	Wh	MF	N	
397.6	398.5	SS	Wh	MF	N	A Gn MS Sms
398.5	406.5	SS	Wh	MF	N	M Gn MS P & Sms
406.5	407.8	SS	Wh	F	N	
407.8	408.2	SS	Wh	F	M	Cbn Sms, Pks
408.7	418.0	SS	Wh	MF	N	M Gn MS Sms
418.0	420.3	SS	Wh	MF	N	A Gn MS Sms
420.3	430.5	SS	Wh, LGy	MF	N	S Gn MS Sms & P
430.5	439.1	MS/ST	Gn		N	
439.1	445.0	MS/ST	R, Gn			

γ-Ray Log
0 — 1000

SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant

OBSS—ore bearing sandstone

DRILL HOLE LOG

Type of Drill Diamond (AX)

Logged For
Simpson Mining Co.
DMEA 3649 Idm-E812
Claim Rajah #67

Drill-hole No. HR-25
Total depth 449.0
Collar elev. 7229 T P
Area Beaver Mesa

COORDINATES
North East
Tie

Date started 10/1/55
Date completed 10/17/55
Logged by A.M.S.

Summary of log Favorable; OBSS 378-425 Thick 47; SS color Wh; MS under OBSS Gn, 12.0' Cbn M

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
0.0	350.0					Plug Bit No Core
350.0	373.2	MS	R		N	
373.2	377.9	MS	Gn		N	Sandy
377.9	280.2	SS	L Gy	M	N	
380.2	402.8	SS	Wh	MF	N	
402.8	421.0	SS	Wh	MF	S	S Gn MS Sm
421.0	421.4	SS	Gy	MF	A	Gn MS Sm Sample #56
421.4	424.3	SS	Wh	MF	S	S Gn MS P
424.3	424.9	SS	Gy	MF	A	Sample #57
424.9	436.9	MS	Gn		N	
436.9	449.0	ST/MS	R, Gn			

γ-Ray Log 0 1000

SAMPLE	BASE	THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5	CACO3
#56	421.4	0.4	0.06	4.97			1.32
#57	424.9	0.6	0.03	0.59			23.13

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No. HR-25

DRILL HOLE LOG

Logged For: Simpson Mining Co.

Type of Drill: Diamond (AX)

Drill-hole No.: HR-26
Total depth: 437.0
Collar elev.: 7236 T P
Area: Beaver Mesa

COORDINATES
North: East:
Tie:

Claim: Rajah No. 67
Date started: 10/1 /55
Date completed: 10/11/55
Logged by: A.M.S.

Summary of log: Favorable; OBSS 377-422 Thick 45; SS color Wh; MS under OBSS Gn, 9.4'; Cbn S

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
0.0	360.0					Plug Bit No Core
360.0	375.3	MS	R			
375.3	377.3	MS	Gn		N	
377.3	380.1	SS	Gn	F	N	A Gn Int MS
380.1	396.6	SS	Wh	M	N	S Gn MS Sm & P
396.6	397.2	MS	Gn		N	
397.2	406.3	SS	Gn	VF	S	A Gn MS P, Stks & Int
406.3	407.0	SS	Bk	MF	A	A Gn MS in SS; Sample #52
407.0	422.3	SS	Wh	MF	S	S Gn MS Stks
422.3	422.7	SS	Gy	MF	A	Sample #53
422.7	432.1	MS/ST	Gn		N	
432.1	437.0	MS	R			

γ-Ray Log 0 1000

SAMPLE	BASE	THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5
#52	407.0	0.7	0.02	0.38		
#53	422.7	0.4	0.00	0.30		

CACO3
0.93
9.48

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No. HR-26

Phone 1441

Date 11/1/55

Minerals Assay Laboratory

L#2509

549 Noland Avenue -:- Grand Junction, Colorado

NAME Simpson Mining Co. ADDRESS P.O. Box #127 City

LAB. No.	SAMPLE RECEIVED 10/31/55	PERCENT URANIUM	PERCENT VANADIUM	PERCENT LIME AS. $CaCO_3$	PERCENT TUNGSTEN OXIDE	PERCENT MOLY MO
6027	Hole HR #17 Sample #65 418.4 to 419.0	0.05	0.26	3.07		

CERTIFIED TRUE COPY

BY Julian E. Simpson

R E Moore

$7.00

Phone 1441

Date 10/27/55

Minerals Assay Laboratory

L#2560

549 Noland Avenue -:- Grand Junction, Colorado

NAME Simpson Mining Co. ADDRESS P.O. Box #127 City

LAB. No.	SAMPLE RECEIVED 10/26/55	PERCENT URANIUM	PERCENT VANADIUM	PERCENT LIME AS. $CaCO_3$	PERCENT TUNGSTEN OXIDE	PERCENT MOLY MO
5933	Hole # HR 19 Sample #61 351.6 to 352.3	0.14	0.60	8.00		
5934	Hole # HR 19 Sample #62 355.8 to 356.3	0.12	0.51	1.37		
5935	Hole # HR 19 Sample #63 362.1 to 364.1	Trace	Trace	1.75		
5936	Hole # HR 18 Sample #64 ~~378~~ 377.8 to ~~379~~ 378.8	0.05	1.28	3.56		

CERTIFIED TRUE COPY

BY Julian E. Simpson

R E Moore

Phone 1441

Date 10/20/55

Minerals Assay Laboratory

549 Noland Avenue -:- Grand Junction, Colorado

L#2525

NAME Simpson Mining Co. ADDRESS Box #127 City

LAB. No.	SAMPLE RECEIVED 10/19/55	PERCENT URANIUM	PERCENT VANADIUM	PERCENT LIME AS. CACO3	PERCENT TUNGSTEN OXIDE	PERCENT MOLY AS. MO
5841	Hole HR #23 Sample #54 422.3 to 423.2	0.01	0.37	8.66		
5842	Hole HR #23 Sample #55 423.2 to 424.0	0.00	0.30	11.51		
5843	Hole HR-25 Sample #56 421.0 to 421.4	0.06	4.97	1.32		
5844	Hole HR-25 Sample #57 424.3 to 424.9	0.03	0.59	23.13		

CERTIFIED TRUE COPY

BY Julian E. Simpson JR

$28.00

Minerals Assay Laboratory

549 Noland Avenue -:- Grand Junction, Colorado

L#2[illegible]

[illegible]son Mining Co. ADDRESS Box #127 City

	SAMPLE RECEIVED 10/20/55	PERCENT URANIUM	PERCENT VANADIUM	PERCENT LIME AS. CACO3	PERCENT TUNGSTEN OXIDE	PERCENT MOLY AS. MO
5864	Hole HR21 Sample #58 404.5 to 405.3	0.25	4.53	3.37		
5865	Hole #HR-21 Sample #59 405.3 to 406.3	0.01	0.09	5.61		
5866	Hole #HR-21 Sample #60 406.3 to 407.3	Trace	Trace	5.77		

CERTIFIED TRUE COPY

BY Julian E. Simpson JR

Phone 1441

Minerals Assay Laboratory

549 Noland Avenue -:- Grand Junction, Colorado

Date 10/15/55 L#9236

NAME Simpson Mining Co. ADDRESS Box #127 City

LAB. NO.	SAMPLE RECEIVED 10/13/55	PERCENT URANIUM	PERCENT VANADIUM	PERCENT LIME AS. CaCO3	PERCENT TUNGSTEN OXIDE	PERCENT MOLY AS. MO
5706	Hole Hr #26 Sample #52 406.3 to 407.0	0.02	0.38	0.93		
5707	Hole #Hr 26 Sample #53 422.3 to 422.7	0.00	0.30	9.48		

CERTIFIED TRUE COPY

BY Julian E. Simpson

R. E. Morris

TOTAL CHARGES $ $14.00

SPRAGUE & HENWOOD INC.

CONTRACTORS FOR

DIAMOND CORE DRILLING,

WASH BORINGS & SOUNDINGS.

BOX NO. ~~XXX~~ 645

~~SCRANTON XX PENNA.~~

Grand Junction, Colo.

OUR INVOICE NO. Simpson
OUR ORDER NO. BV-3
YOUR ORDER NO.

TERMS: NET CASH

CHURN DRILL BORINGS
6" TO 48"
IN DIAMETER

CORE BORINGS
1½" TO 36"
IN DIAMETER

TO Simpson Mining Company
P. O. Box 52
Grand Junction, Colorado

November 8, 1955

To invoice completion of drilling in the Beaver Mesa area.
Drilling completed November 3, 1955.

Hole No.	Non-Core	Core	Total	Standby	Cost per hole
HR-17	350.0	84.0	434.0	0	$ 969.00
HR-18	330.0	85.0	415.0	0	922.50
HR-19	315.0	69.0	384.0	0	837.00
HR-20	390.0	70.0	460.0	3/4	1,029.00
HR-21	340.0	85.0	425.0	3/4	956.50
HR-22	320.0	58.0	378.0	0	814.00
HR-23	360.0	77.0	437.0	0	969.50
HR-24	360.0	85.0	445.0	1	1,007.50
HR-25A	350.0	99.0	449.0	0	1,021.50
HR-26	360.0	77.0	437.0	1	981.50
Totals	3,475.0	789.0	4,264.0	3½	$9,510.00

Recap:

Non-Core
Item 1 - A total of 3,475.0 ft. at $2.00 per ft. $6,950.00

Core
Item 3 - A total of 487.0 ft. at $3.00 per ft. 1,461.00
Item 4 - A total of 302.0 ft. at $3.50 per ft. 1,057.00
4,264.0

Delays
Item 5 - A total of 3½ hrs. at $12.00 per hr. 42.00

Total Invoice $9,510.00

CERTIFIED TRUE COPY

BY Julian E. Simpson

STATEMENT

Montrose, Colorado, September 1 1955

SIMPSON MINING COMPANY
P.O.BOX 127
GRAND JUNCTION, COLORADO

In Account With

Cooper Construction

Earth Moving — Drill Locations — Road Building

Phone 036-J1

Route 2 — Box 13E

Work authorized by
Alan Simpson

Aug.	30	cleared two drill sites 6 Hrs.	
		Total Hours 6 Hours	
		D-8 Dozer at $12.00 per hour	
		Amount Due	$72.00

Second stage of D. M. E. A. Loan

CERTIFIED TRUE COPY
BY Julian E. Simpson

STATEMENT

Montrose, Colorado, November 4 1955

SIMPSON MINING COMPANY
P.O.BOX 127
GRAND JUNCTION, COLORADO

In Account With

Cooper Construction

Earth Moving — Drill Locations — Road Building

Phone 036-J1

Route 2 — Box 13E

Work authorized by
Alan Simpson

Sept.	29	Cleared 3 drill sites	7 Hrs.
Sept.	30	Cleared 2 drill sites	7 Hrs.
Oct.	1	Cleared 4 drill sites	7 Hrs.
Oct.	3	Cleated 1 drill site	3 Hrs.
		Total Hours	24 Hours
		D-8 Dozer at $11.00 per hour	
		Amount Due	$264.00

Second stage of D. M. E. A. Loan

SUMMARY

Aug 30	6.0 hours @ $12.00	72 00
Sept. 14, 15, 16	- 15.0 hours @ $12.00	180 00
Sept. 29, 30-Oct. 1, 3	- 24 hours @ 11.00	264 00
Total Hours	45.0	516 00

Equivalent to 5.625 8-hr. days at $91.733 per day.

CERTIFIED TRUE COPY
BY: Julian E. Simpson

11-7-55 [illegible]

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

RECEIVED
NOV - 7 1955

November 2, 1955

224 New Customhouse
Denver 2, Colorado

Memorandum

To: Secretary to the Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region III

Subject: DMEA Docket 3649, (Uranium), Contract Idm-2812, Simpson et al Mining Company, Rajah Claims, Mesa County, Colorado

Enclosed are two copies of the Operator's Monthly Progress Report, Form MF-104 and MF-104A, Operator's Narrative Report, Inspecting Engineer's Narrative Report, and other supporting data pertaining to work under the subject contract for the period September, 1955.

W. M. Traver

By [signature]
J. W. Townsend

Enclosures

Map in folder

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

RECEIVED
NOV 8 1955

224 New Customhouse
Denver 2, Colorado

October 17, 1955

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: DMEA Docket 3649, (Uranium) Contract Idm-E812, Simpson et al Mining Company, Rajah Claims, Mesa County, Colorado. Operator's Monthly Progress Report, for the period September, 1955

Enclosed are the original and four copies of Form MF-104 and Form MF-104A, Narrative Report, and Engineer's Report for the above period.

Work has been accomplished as authorized in the contract and payment is recommended for 75 percent of the amount as reported on Form MF-104, contingent on your verification of the correctness of applicable rates and arithmetical accuracy of computations.

Breakdown of Contract Work for September

Item	Stage I	Stage II	Total
Plug Drilling	1,655 ft.	1,020 ft.	2,675 ft.
Core Drilling, 300' to 400'	300 ft.	160 ft.	460 ft.
Core Drilling, 400' to 500'	70 ft.	59 ft.	129 ft.
Standby Time	4 hrs.	4 hrs.	8 hrs.
Incidental Allowance	2,025 ft.	1,239 ft.	3,264 ft.
Chemical Analyses	10	12	22

Remarks
Date of Report- October 5, 1955
Date Received in Field Office- - - - - - - - - - -October 6, 1955
Date Received in Region Office- - - - - - - - - - October 11, 1955

W. M. Traver

W. M. Traver

Enclosures

JDC:jy
cc: MF-104 File E812
Sec. Op. Comm. (2)
Shaw (2)
Chron.

RECEIVED

REGION III

Memorandum

Building 20
Denver Federal Center
Denver 2, Colorado
October 10, 1955

To: Executive Officer, DMEA Field Team, Region III

Through: John F. Shaw
Supervising Mining Engineer

From: Glen Walker

Subject: DMEA 3649, Contract Idm-M812, Simpson Mining Co., et. al., Rajah group, Beaver Mesa, Montrose County, Colorado
Monthly Progress Report - September 1955

The project was visited on October 4, 1955, and found inactive awaiting approval of additional Stage II holes. Stage I was completed during this period and 3 Stage II holes were also drilled.

Two Stage I holes, No. 9 and No. 10, encountered ore, the other 3 were barren. Likewise 2 Stage II holes, No. 14 and No. 16, hit ore and the third was slightly mineralized. Stage I was completed by the drilling of 13 holes totaling 5,276 feet as authorized by the contract.

The amounts and extension shown on the MF-104's appear correct and are approved.

It is recommended that payment to the Operator be made in the amount of $7,025.93, which is 75 percent of the cost claimed for the month.

Glen Walker
Mining Engineer

GW:ph

cc 6
Glen Walker
Idm-M812
Chron.

Form MF-194 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.5

RECEIVED
NOV - 7 1955

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of September, 1955 Docket No. DMEA 3649 Contract No. Idm-E812
Operator's Name Hamilton, Harris, McDavid, Phillips, Ladd Minerals Uranium
Address and Simpson Mining Company
Contract Amount, $36,004.00 Government Participation: 75 % Amount, $27,003.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling	7277.50	$ 7186.50	14,464.00			
Bulldozing	None	649.00	649.00			
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis	132.00	174.00	306.00			
Payroll Taxes						
Liability Insurance						
Incidental Allowance	1958.40	1950.60	3909.00			
(8) Contingencies (specify):						
TOTALS	9367.90	9960.10	19,328.00	9367.90	9960.10	19,328.00

I certify that the above bill is correct and just and that payment therefor has not been received.
Date Oct. 5, 1955 *Payee Hamilton, Harris, McDavid, Phillips, Ladd & Simpson Mining Company

Per Julian E. Simpson Title Agent

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$7,025.93

Signature RRC
(Authorized Certifying Officer)

Date 10/28/55 Vou. No. DMA-56-39
(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E-812 in accordance with the terms of the contract.

Signature Gwalker 910259 Title Mngmgr. Date 10/7/55

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. M. Harvey Title Executive Officer Date OCT 17 1955

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

Form M[illegible]
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

RECEIVED
NOV - 7 1955

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of September 1955 Docket No. DMEA 3649 Contract No. Idm-E812
Operator's Name Hamilton, Harris, McDavid, Phillips, Ladd Minerals Uranium
Address and Simpson Mining Company

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core (200-300)	Foot	None	None	110.00	40	2.75	300	2.75
[illegible] (300-400)	Foot	1,380.00	460	2,592.00	864	3.00	1840	3.00
[illegible] (400-500)	Foot	451.50	129	1,001.00	286	3.50	600	3.50
[illegible] Plug	Foot	5,350.00	2675	10,650.00	5325	2.00	8498	2.00
[illegible] Standby Time	Hour	96.00	8	111.00	9.25	12.00	20	12.00
[illegible] Analysis	Sample	132.00	22	306.00	51	6.00	130	6.00
Roads and Trails	Day	None	None	649.00	7.375	88.00	28	100.00
Incidental Costs	Foot	1,958.40	3264	3,909.00	6515	0.60	11238	0.60
TOTAL DISTRIBUTED COSTS		9,367.90		19,328.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		9,367.90		19,328.00				

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date Oct. 5, 1955 Operator Hamilton, Harris, McDavid, Phillips, Ladd and Simpson Mining Company

Per Julian E. Simpson Title Agent

REMARKS:

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

(For Government use only)

gvalku

INSTRUCTIONS

Preparation of Form MF-104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF-104A has been designed to tie in with Form MF-104 for both monthly and cumulative costs. The "Total Costs" on Form MF-104A for each month should equal the monthly "Total Costs" as reported on Form MF-104. This is also true of the "Total Costs To Date".

In preparing Form MF-104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

STATEMENT

Montrose, Colorado, October 6 1959

SIMPSON MINING COMPANY
P.O.BOX 127
GRAND JUNCTION, COLORADO

In Account With

Cooper Construction

Earth Moving — Drill Locations — Road Building

Phone 036-J1

Route 2 — Box 13E

		Work authorized by Alan Simpson		
Sept.	14	Building road and drill sites	5	Hrs.
Sept.	15	Building drill sites	5	Hrs.
Sept.	16	Building pond	5	Hrs.
		Total Hours	15	Hours

D-8 Dozer at $12.00 per hour

Amount Due $180.00

Second stage of D. M. P. A. Loan

CERTIFIED TRUE COPY
BY Julian E. Simpson

SPRAGUE & HENWOOD INC.

CONTRACTORS FOR

DIAMOND CORE DRILLING.

WASH BORINGS & SOUNDINGS.

~~SCRANTON~~ 645

~~SCRANTON~~ Grand Junction, Colorado

CHURN DRILL BORINGS
6" TO 48"
IN DIAMETER

CORE BORINGS
1½" TO 36"
IN DIAMETER

OUR INVOICE NO. Simpson
OUR ORDER NO. BV - 2
YOUR ORDER NO.

TERMS: NET CASH

RECEIVED OCT - 7 1955

TO Simpson Mining Company
P. O. Box 52
Grand Junction, Colorado

October 4, 1955

To invoice drilling completed in the Beaver Mesa area during period September 1, 1955 through September 30, 1955.

Hole No.	Non-Core	Core	Total	Standby	Cost per hole
HR - 9	335.0	90.0	425.0	1 ½	$ 970.50
HR - 10	320.0	80.0	400.0	1 ¼	895.00
HR - 11	315.0	60.0	375.0	0	810.00
HR - 12	370.0	75.0	445.0	1 ¼	1,002.50
HR - 13	315.0	65.0	380.0	0	825.00
HR - 14	370.0	80.0	450.0	1	1,017.00
HR - 15	340.0	69.0	409.0	1	903.50
HR - 16	310.0	70.0	380.0	2	854.00
TOTALS	2,675.0	589.0	3,264.0	8	$7,277.50

RECAP:

Non-Core
Item 1 - A total of 2,675.0 feet at $2.00 per ft. $5,350.00

Core
Item 2 - A total of 460.0 feet at $3.00 per ft. 1,380.00
Item 3 - A total of 129.0 feet at $3.50 per ft. 451.50
3,264.0

Delays
Item 5 - A total of 8 hours at $12.00 per hour. 96.00
Total Invoice $7,277.50

CERTIFIED TRUE COPY

BY Julian E. Simpson
Julian E. Simpson

RECEIVED
NOV - 7 1955

U. S. Government Docket No. DMEA 3649
Contract No. Idm-[illegible]812 - Rajah Claims

NARRATIVE FOR SEPTEMBER, 1955 - REPORT

October 5, 1955

Work under the contract was continued during September, 1955.

The August Progress Report was mailed to U. S. Bureau of Mines on September 9, 1955, and contained all pertinent information regarding the first 8 holes (HR 1 through HR 8) which were completed in August.

On September 15, 1955 a written request for approval of location of 3 of the 13 holes of Stage II under the contract was mailed to DMEA Field Team.

On September 22, 1955 a written request for 5 more of the 13 holes of Stage II was mailed to DMEA Field Team.

On September 26, 1955 a written request for approval of the location of the remaining 5 holes of Stage II was mailed to DMEA Field Team.

By September 23, 1955, hole Nos. HR 9, HR 10, HR 11, HR 12 and HR 13 had been drilled. These 5 holes along with the first 8 holes drilled in August completed Stage 1 of the contract.

Verbal approval from the DMEA was received for location of HR 14, HR 15, and HR 16 requested under the letter of September 15, 1955, and by September 30, these 3 holes had been completed.

During September 8 holes (HR 9, HR 10, HR 11, HR 12, HR 13, HR 14, HR 15 and HR 16) were completed. All of the holes were drilled non-core to the inferred Brushy Basin-Salt Wash contact whereupon the remainder of each hole was cored AX in size through the uppermost sandstone lens (which ranged from 42 to 53 feet thick in these 8 holes) and the lower gray-green mudstones. Each of the holes was bottomed after they had penetrated (from 4 to 12 feet) into the underlying red mudstone. All holes were completed with excellent core recovery.

Five of the holes (HR 9, HR 10, HR 14, HR 15, HR 16) were mineralized and 3 of the holes (HR 11, HR 12, HR 13) were barren. The mineralized portions of the

core were split, the Operator used one-half for assay purposes and a total of 22 samples were taken which were assayed for % U_3O_8, % V_2O_5, and % $CaCO_3$. Where feasible the length of core used for an individual sample was limited to 12 inches. Eleven of the 22 samples assayed exceeded 12 inches in length where it was impracticable to break them into smaller units. The other half of the mineralized core was stored for Government use along with the rest of the core in boxes properly labelled as to hole number and depth. The Geologist at the U.S.G.S. Beaver Mesa Camp was kept informed of the drilling progress.

Although not required under the contract, the Operator contracted with Century Geophysical Corporation to probe one of the holes (HR 9). Included with this report is a radioactivity log of this hole.

Drill hole information for the 8 holes completed in September is summarized in the tables as follows:

DRILL HOLE INFORMATION

Drill Hole No.	HR 9	HR 10	HR 11	HR 12
Claim	Rajah No. 67	Rajah No. 67	Rajah No. 68	Rajah No. 67
Date Started	9/1	8/26	8/26	8/13
Date Completed	9/12	9/14	9/13	9/23
Plug	335	320	315	370
Core	85	75	60	75
Total Depth	425	400	375	445
Mineralized	Yes	Yes	No	No
Ore Sand	Favorable	Favorable	Semi Favorable	Favorable

Drill Hole No.	HR 13	HR 14	HR 15	HR 16
Claim	Rajah No. 67	Rajah No. 67	Rajah No. 67	Rajah No. 68
Date Started	9/14	9/19	9/19	9/26
Date Completed	9/17	9/26	9/26	9/30
Plug	315	370	340	310
Core	65	80	69	70
Total Depth	380	450	409	380
Mineralized	No	Yes	Yes	Yes
Ore Sand	Semi Favorable	Favorable	Favorable	Favorable

RECEIVED
NOV - 7 1955

LIST OF SAMPLES AND ASSAYS

Sample No.	Hole No.	Sampled From	Sampled To	Thickness of Sample Feet	% U_3O_8	% V_2O_5	% $CaCO_3$
30	HR 9	405.0	406.3	1.3	0.04	0.13	2.45
31	HR 9	406.3	406.9	0.6	0.52	1.15	3.34
32	HR 9	406.9	407.5	0.6	0.16	4.87	0.77
33	HR 9	407.5	408.9	1.4	0.09	2.02	3.23
34	HR 9	408.9	409.7	0.8	0.82	5.88	3.12
35	HR 10	377.0	377.7	0.7	0.21	0.13	6.93
36	HR 10	377.7	379.1	1.4	1.36	1.58	4.93
37	HR 10	379.1	380.0	0.9	0.13	0.26	2.36
38	HR 10	380.0	381.1	1.1	0.34	0.53	8.06
39	HR 10	381.1	382.5	1.4	0.15	0.51	9.00
40	HR 14	411.2	412.2	1.0	0.12	8.62	4.88
41	HR 14	412.2	412.8	0.6	0.37	4.43	13.70
42	HR 14	412.8	413.7	0.9	0.35	3.63	15.80
43	HR 14	413.7	415.3	1.6	0.08	16.88	8.22
44	HR 14	419.5	420.5	1.0	0.62	2.75	7.34
45	HR 15	389.4	390.9	1.5	0.00	0.47	1.86
46	HR 16	345.6	346.8	1.2	0.02	1.61	1.86
47	HR 16	346.8	348.0	1.2	0.02	2.48	1.62
48	HR 16	350.0	351.6	1.6	1.57	3.94	Trace
49	HR 16	351.6	352.3	0.7	0.08	2.92	Trace
50	HR 16	352.3	354.4	2.1	0.02	0.36	0.22
51	HR 16	354.4	355.4	1.0	0.08	0.29	2.30

Attached are one print each of 8 Drill Hole Logs (HR 9, HR 10, HR 11, HR 12, HR 13, HR 14, HR 15, HR 16), 1 Radioactivity Log for HR 9, certified copies of assay results and a map showing the location of the first 16 holes drilled and the position of the remaining 10 holes to be completed under Stage II.

HAMILTON, HARRIS, McDAVID, PHILLIPS
LADD and SIMPSON MINING COMPANY

BY Julian E. Simpson
Julian E. Simpson

DRILL HOLE LOG

RECEIVED NOV - 7 1955

Logged For Simpson Mining Co.-
DMEA 3649-Idm-E812
Claim Rajah No. 67
Date started Sept. 1, 1955
Date completed Sept. 12, 1955
Logged by A. M. S.

Type of Drill Diamond-AX

RECEIVED NOV - 7 1955

Drill-hole No. HR-9
Total depth 425.0
Collar elev. 7221 T P
Area Beaver Mesa

COORDINATES
North East
Tie

Summary of log Favorable; OBSS 364-412 Thick 48; SS color Wh; MS under OBSS Gn, 6.4; Cbn. S, A

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
0.0	335.0					Plug Bit----No Core
335.0	364.5	MS	R		N	10% Gn MS
364.5	367.8	SS	Gn	M-F	N	A Gn MS Int
367.8	404.0	SS	Wh	M	S	S Gn MS Stks & Pbls
						S Lim Spks
404.0	405.0	SS	Gy	MF	A	A Cbn Stks
405.0	406.3	SS	L Gy	MF	A	Sample #30
406.3	406.9	SS	Gy, Bk	MF-F	A	Bk Spots in Gy SS " #31
406.9	407.5	SS	DGy, Bk	F	A	" #32
407.5	408.9	SS	Gy, Bk	MF-F	A	Bk Spots in Gy SS " #33
						A Bk MS Pbls
408.9	409.7	SS	DGy, Bk	MF	A	" #34
409.7	412.3	SS	LGy, Wh	MF	S	S Gn MS Pbls & Stks
412.3	414.5	MS	Gn		N	
414.5	418.7	ST	Gn		N	
418.7	425.0	MS/ST	R, Gn		N	

γ-Ray Log 0 1000

	SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5	$CACO_3$
#30	406.3	1.3	0.04	0.13			2.45
#31	406.9	0.6	0.52	1.15			3.34
#32	407.5	0.6	0.16	4.87			0.77
#33	408.9	1.4	0.09	2.02			3.23
#34	409.7	0.8	0.82	5.88			3.12
Comp.		3.4	0.35	3.28			

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No. HR-9

Copyrighted 1954 by SIMPSON & WOODARD CO.

COLORADO PRINTING CO., GRAND JUNCTION

DRILL HOLE LOG

RECEIVED NOV 1955

SIMPSON & WOODARD EXPLORATION CO.

Type of Drill Diamond (AX)

Logged For Simpson Mining Co.
DMEA 3649-IDm-E812

Drill-hole No. HR-10
Total depth 400.0
Collar elev. 7192 T P
Area Beaver Mesa

COORDINATES
North East
Tie

Claim Rajah No. 67
Date started Aug. 26, 1955
Date completed Sept. 14, 1955
Logged by A. M. S.

Summary of log Favorable; OBSS 336-382 Thick 46; SS color Wh; MS under OBSS 8.5, Gn; Cbn A

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
0.0	320.0					Plug Bit----No Core
320.0	325.0	MS/ST	R, Gn			Core
325.0	336.3	MS	R		N	ST Rib less than 2.0' thick
336.3	337.2	SS	L Gn	M	N	
337.2	355.1	SS	Wh	M	S	S Gn MS Sm
355.1	355.7	SS	Gn	M	S	A Gn MS Sm & P
355.7	357.2	SS	Wh	M	S	S Gn MS Stks
357.2	362.0	SS	Gy	F	S	A Gn MS Sm & Int; A Cross Bdng
362.0	368.8	SS	Wh	MF	N	A Gn MS Int; Cross Bedding
368.8	377.2	SS	Wh	MF	S	S Gn MS Int
377.2	377.7	SS	Gy	MF	A	Sample #35
377.7	379.1	SS	Gn, Bk	MF	A	Salt & Pepper App.; Samp.#36
379.1	380.0	SS	L Gy	MF	S	Samp.#37
380.0	381.1	SS	Gy-Bk	MF	A	Samp.#38
381.1	382.5	SS	L Gy	MF	A	Dark Stks Samp.#39
382.5	387.7	MS	Gn		N	
387.7	391.0	ST	Gn			
391.0	400.0	MS/ST	R, Gn			

γ-Ray Log 0 1000

SAMPLE	BASE	THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5	$CACO_3$
#35	377.7	0.7	0.21	0.13			6.93
#36	379.1	1.4	1.36	1.58			4.93
#37	380.0	0.9	0.13	0.26			2.36
#38	381.1	1.1	0.34	0.53			8.06
#39	382.5	1.4	0.15	0.51			9.00
Comp.		5.5	0.50	0.70			

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No. HR-10

Copyrighted 1954 by SIMPSON & WOODARD CO.

COLORADO PRINTING CO., GRAND JUNCTION

DRILL HOLE LOG

Type of Drill: Diamond-AX

Logged For: Simpson Mining Co.-DMEA 3649-Idm-E812

Drill-hole No.: HR-11
Total depth: 375.0
Collar elev.: 7178 T. P
Area: Beaver Mesa

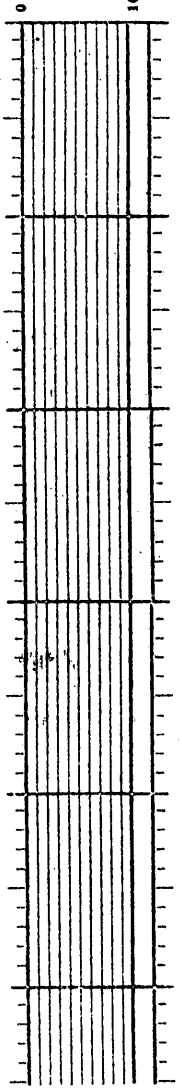
COORDINATES
North: East:
Tie:

Claim: Rajah No. 67
Date started: Aug. 26, 1955
Date completed: Sept. 13, 1955
Logged by: A. M. S.

Summary of log: Semi-Fav.; OBSS 321-347 Thick 26; SS colo LGn, Wh MS 0.6, Gn; Cbn S
Semi-Fav. 351-368 17 Wh under OBSS R S

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
0.0	315.0					Plug Bit----No Core
315.0	321.0	MS	R			
321.0	322.0	SS	L Gn	M	N	A Int Gn MS
322.0	347.1	SS	Wh	M	S	S Gn MS Pbls & Seams
347.1	347.7	MS	Gn		N	
347.7	350.7	MS	R			
350.7	351.3	MS	Gn		N	
351.3	351.9	SS	Gn	M	N	A Gn MS Int
351.9	366.7	SS	Wh	M	S	S Gn MS Sm
366.7	367.9	SS	Wh	MF	A	A Cbn Stks 367.5-367.9
						A Gn MS Pbls
367.9	375.0	MS	R		N	10% Gn

γ-Ray Log



SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No. HR-11

Copyrighted 1954 by SIMPSON & WOODARD CO.

COLORADO PRINTING CO., GRAND JUNCTION

DRILL HOLE LOG

Logged For

Type of Drill: Daamond (AX)

Simpson Mining Co.
DMEA 3649-Idm-E812

Drill-hole No. HR-12
Total depth 445.0
Collar elev. 7241 T. P
Area Beaver Mesa

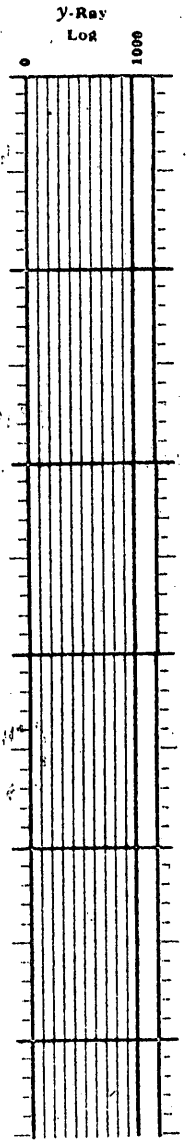
COORDINATES
North East
Tie

Claim Rajah No. 68
Date started Sept 13, 1955
Date completed Sept. 23, 1955
Logged by A. M. S.

Summary of log Favorable; OBSS 378-431 Thick 53; SS color Wh; MS under OBSS 4.7-Gn; Cbn. S

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
0.0	365.0					Plug Bit --- No Core
365.0	370.0	MS/ST	R			Core Plug
370.0	377.7	MS/ST	R		M	
377.7	379.1	SS	Wh	F	N	S Int Gn MS
379.1	381.0	SS	Gn	MF	N	A Int Gn MS
381.0	422.9	SS	Wh	M-MF	S	S Gn MS Stks, P & Int
422.9	423.2	MS	Gn		N	
423.2	425.2	SS	Wh	M	S	A Gn MS P & Stks
425.2	427.0	SS/MS	Wh, Gn	MF	S	Trashy, 60% MS in SS
427.0	431.2	SS	Wh	MF	S-A	S Gn MS
431.2	435.9	ST	Gn		N	
435.9	445.0	ST/MS	R		N	

DESCRIPTION



SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5

Abbreviations

Wh - white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No. HR-12

DRILL HOLE LOG

SIMPSON & WOODARD EXPLORATION CO.

Type of Drill: Diamond (AX)

Logged For: Simpson Mining Co.

Drill-hole No.: HR-13
Total depth: 380.0
Collar elev.: 7188 T ..... P
Area: Beaver Mesa

COORDINATES
North ..... East .....
Tie .....

DMEA 3649-Idm-E812
Claim: Rajah No. 67
Date started: Sept. 14, 1955
Date completed: Sept. 17, 1955
Logged by: A.M.S.

Summary of log: Unfavorable; OBSS 326-346 Thick 20; SS color Wh; MS R; Cbn S
Semi-Fav. 352-368 16 Wh, Gn under OBSS R S

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
0.0	315.0					Plug Bit----No Core
315.0	325.7	MS	R			
325.7	345.7	SS	Wh	M	S	S Gn MS P & Sm
345.7	351.0	MS/ST	R		N	5% Gn MS
351.0	352.0	MS	Gn		N	
352.0	368.0	SS	Wh, Gn	MF	S	A Gn MS Int & Sm
368.0	380.0	MS/ST	R, Gn		N	30% Gn

DESCRIPTION

γ-Ray Log (0 – 1000)

SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No. HR-13

Copyrighted 1954 by SIMPSON & WOODARD CO.

COLORADO PRINTING CO., GRAND JUNCTION

DRILL HOLE LOG

Type of Drill: Diamond (AX)

Logged For: Simpson Mining Co.
DMEA 3649-Idm-E812

Drill-hole No.: HR- 14
Total depth: 450.0
Collar elev.: 7234 T ..... P
Area: Beaver Mesa

COORDINATES
North ..... East .....
Tie .....

Claim: Rajah No. 67
Date started: Sept. 19, 1955
Date completed: Sept. 26, 1955
Logged by: A. M. S.

Summary of log: Favorable; OBSS 383-431 Thick 48; SS color Wh, Gy; MS under OBSS 15.8, Gn; Cbn. A

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS	γ-Ray Log
0.0	370.0					Plug Bit No Core	
370.0	380.8	MS	R				
380.8	383.1	MS/ST	Gn		N		
383.1	386.4	SS	Gn	VF	N	A Gn MS in SS, Int.	
386.4	404.4	SS	Wh	M	S	S Gn MS P	
404.4	411.2	SS	Wh	MF	S	A Gn MS P & Stks	
411.2	412.2	SS	Gy, Bk	MF	A	Samp. #40	
412.2	412.8	SS	Gy, Bk	MF	A	Salt & Pepper App. " #41	
412.8	413.7	SS	D Gy	MF	A	" #42	
413.7	415.8	SS	Bk	MF	A	Soft " #43	
415.3	418.8	SS	Wh	MF	S	A Gn MS P in SS; S R MS P	
418.8	419.5	SS	L Gy	MF	S		
419.5	420.5	SS	D Gy	MF	A	Samp. #44	
420.5	430.7	SS	Wh	MF	S		
430.7	446.5	MS/ST	Gn		N		
446.5	450.0	MS	R				

	SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5	$CACO_3$
#40	412.2	1.0	0.12	8.62			4.88
#41	412.8	0.6	0.37	4.43			13.70
#42	413.7	0.9	0.35	3.63			15.89
#43	415.3	1.6	0.08	16.88			8.22
#44	420.5	1.0	0.62	2.75			7.34
Comp		4.1	0.19	10.13			
		1.0	0.62	2.75			

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No. HR-14

DRILL HOLE LOG

Type of Drill: Diamond (AX)

Logged For: Simpson Mining Co.
DMEA 3649-Idm-E812

Drill-hole No.: HR-15
Total depth: 409.0
Collar elev.: 7198 T P
Area: Beaver Mesa

COORDINATES
North: East:
Tie:

Claim: Rajah No. 16
Date started: Sept. 19, 1955
Date completed: Sept. 26, 1955
Logged by: A. M. S.

Summary of log: Favorable; OBSS 345-395 Thick 50; SS color Wh; MS under OBSS 4.5, Gn; Cbn 8.4

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
0.0	340.0					Plug Bit No Core
340.0	344.6	MS/ST	R		N	
344.6	346.6	SS	Gn	F	N	A Gn MS Int
346.6	370.7	SS	Wh	MF-M	S	S Gn MS Stks
370.7	374.3	SS	L Gy	F	A	A Gn MS Int, Cross Bedding
374.3	389.4	SS	Wh	MF	S	S Gn MS P
389.4	390.9	SS	L Gy	MF	A	Samp. #45
390.9	394.5	SS	Wh	MF	N	
394.5	399.0	MS	Gn		N	
399.0	409.0	MS	R			

γ-Ray Log 0 1000

	SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5
#45	390.9	1.5	0.00	0.47		

$CaCO_3$ 1.86

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No. HR-15

DRILL HOLE LOG

Type of Drill: Diamond (AX)

Logged For: Simpson Mining Co.
DMEA 3649-Idm-E812

Drill-hole No.: HR-16
Total depth: 380.0
Collar elev.: 7171 T ..... P
Area: Beaver Mesa

COORDINATES
North ..... East .....
Tie .....

Claim: Rajah No. 68
Date started: Sept. 26, 1955
Date completed: Sept. 30, 1955
Logged by: A. Ml S.

Summary of log: Favorable; OBSS 314-365 Thick 50, SS color Wh; MS under OBSS 7.6 Gn; Cbn M

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS	
0.0	310.0					Plug Bit No Core	
310.0	314.4	MS	R		N		
314.4	317.2	SS	Gn	MF	N	A Gn MS Int	
317.2	326.4	SS	Wh	M	N	S Gn MS P & Stks	
326.4	328.0	SS	Wh	F	S	A Gn MS Int	
328.0	345.6	SS	Wh	MF-M	S	A Gn MS P & Stks	
345.6	346.8	SS	Gy	MF	A		Samp #46
346.8	348.0	SS	Gy	MF	A		" #47
348.0	350.0	SS	Wh	M	S		
350.0	351.6	SS	Gy, Bk	MF	A		" #48
351.6	352.3	SS	Bk	MF	A		" #49
352/3	354.4	SS	L Gy	MF	S		" #50
354.4	355.4	SS	Gy	MF	A	Bk Spks in Gy	" #51
355.4	364.5	SS	Wh	MF	S	S Gn MS Stks	
36415	372.1	MS/ST	Gn		N		
372.1	380.0	MS	R				

γ-Ray Log: 0 — 1000

	SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5	CaCo3
#46	346.8	1.2	0.02	1.61			1.86
#47	348.0	1.2	0.02	2.48			1.62
#48	351.6	1.6	1.57	3.94			Tr
#49	352.3	0.7	0.08	2.92			Tr
#50	354.4	2.1	0.02	0.36			0.22
#51	355.4	1.0	0.08	0.29			2.30
	Comp.	2.4	0.02	2.05			
		2.0	0.00	0.00			
		5.4	0.50	1.74			
	or						
	Comp.	9.8	0.28	1.46			

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No. HR-16

Date 10/3/55

Minerals Assay Laboratory

549 Noland Avenue -:- Grand Junction, Colorado

Phone 1441

L#4964

NAME Simpson Mining Co. ADDRESS Box #127 City

LAB. NO.	SAMPLE RECEIVED 10/1/55			PERCENT URANIUM	PERCENT VANADIUM	PERCENT LIME AS. CACO3	PERCENT TUNGSTEN OXIDE	PERCENT MOLY AS. MO.
5477	Hole #HR 15	Sample #45	389.4 to 390.9	0.00	0.47	1.86		
5478	Hole #HR 16	Sample #46	345.6 To 346.8	0.02	1.61	1.86		
5479	Hole #HR 16	Sample #47	346.8 to 348.0	0.02	2.48	1.62		
5480	Hole #HR 16	Sample #48	350.0 to 351.6	1.57	3.94	Trace		
5481	Hole #HR 16	Sample #49	351.6 to 352.3	0.08	2.92	Trace		
5482	Hole HR 16	Sample #50	352.3 to 354.4	0.02	0.36	0.22		
5483	Hole #HR 16	Sample #51	354.4 to 355.4	0.08	0.29	2.30		

CERTIFIED TRUE COPY

BY: Julian E. Simpson
Julian E. Simpson

TOTAL CHARGES $ $49.00

9/29/55

Minerals Assay Laboratory

549 Noland Avenue -:- Grand Junction, Colorado

Phone 1441

L#4939

NAME Simpson Mining Co. ADDRESS Box # 127 City

LAB. NO.	SAMPLE RECEIVED 9/28/55			PERCENT URANIUM	PERCENT VANADIUM	PERCENT LIME AS. CACO3	PERCENT TUNGSTEN OXIDE	PERCENT MOLY AS. MO.
5408	Sample #40	Hole HR#14	411.2-412.2	0.12	8.62	4.88		
5409	" #41	"	412.2-412.8	0.37	4.43	13.70		
5410	" #42	"	412.8-413.7	0.35	3.63	15.89		
5411	" #43	"	413.7-415.3	0.08	16.88	8.22		
5412	" #44	"	419.5-420.5	0.62	2.75	7.34		

CERTIFIED TRUE COPY

BY: Julian E. Simpson
Julian E. Simpson

TOTAL CHARGES $ 35.00

Phone 1441

Minerals Assay Laboratory

549 Noland Avenue -:- Grand Junction, Colorado

Date 9/12/55 L#2425

NAME Simpson Mining Co. ADDRESS Box #127 City

LAB. NO.	SAMPLE RECEIVED 9/10/55	PERCENT URANIUM	PERCENT VANADIUM	PERCENT LIME AS. CACO3	PERCENT TUNGSTEN OXIDE	PERCENT MOLY MO
4979	Hole HR-9 Sample #30 405.0 to 406.3	0.04	0.13	2.45		
4980	Hole HR-9 Saple #31 406.3 to 406.9	0.52	1.15	3.34		
4981	Hole HR-9 Sample #32 406.9 to 407.5	0.16	4.87	0.77		
4982	Hole HR-9 Samplo #33 407.5 to 408.9	0.09	2.02	3.23		
4983	Hole HR-9 Sample #34 408.9 to 409.7	0.82	5.88	3.12		

CERTIFIED TRUE COPY

BY: Julian E. Simpson
Julian E. Simpson

TOTAL CHARGES $35.00

Phone 1441

Minerals Assay Laboratory

549 Noland Avenue -:- Grand Junction, Colorado

Date 9/21/55 L#2487

NAME Simpson Mining Co. ADDRESS Box #127 City

LAB. NO.	SAMPLE RECEIVED 9/20/55	PERCENT URANIUM	PERCENT VANADIUM	PERCENT LIME AS. CACO3	PERCENT TUNGSTEN OXIDE	PERCENT MOLY MO
5205	Hole HR #10 Sample #35 377.0 to 377.7	0.21	0.13	6.93		
5206	Hole HR #10 Sample #36 377.7 to 379.1	1.36	1.58	4.93		
5207	Hole HR #10 Samplo #37 379.1 to 380.0	0.13	0.26	2.36		
5208	Hole HR #10 Sample #38 380.0 to 381.1	0.34	0.53	8.06		
5209	Hole HR #10 Sample #39 381.1 to 382.5	0.15	0.51	9.00		

CERTIFIED TRUE COPY

BY: Julian E. Simpson
Julian E. Simpson

TOTAL CHARGES $35.00

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

RECEIVED
OCT 10 1955

October 5, 1955

224 New Customhouse
Denver 2, Colorado

Memorandum

To: Secretary to the Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region III

Subject: DMEA Docket 3649, (Uranium), Contract Idm-E812, Simpson Mining Company, et al., Rajah Claims, Mesa County, Colorado

Enclosed are two copies of the Operator's Monthly Progress Report, Form MF-104 and MF-104A, Operator's Narrative Report, Inspecting Engineer's Narrative Report, and other supporting data pertaining to work under the subject contract for the period July-August, 1955.

W. M. Traver

Enclosures

Map in folder

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

RECEIVED
OCT 10 1955

224 New Customhouse
Denver 2, Colorado

September 22, 1955

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: DMEA Docket 3649, (Uranium) Contract, Idm-E812, Simpson Mining Company, et al., Rajah Claims, Mesa County, Colorado - Operator's Monthly Progress Report, for the period July-August, 1955.

Enclosed are the original and four copies of Form MF-104 and Form MF-104A, Narrative Report, and Engineer's Report for the above period.

Work has been accomplished as authorized in the contract and payment is recommended for 75 percent of the amount as reported on Form MF-104, contingent on your verification of the correctness of applicable rates and arithmetical accuracy of computations.

Remarks

Date of Report- September 9, 1955
Date Received in Field Office- - - - - - - - - - - September 1[illegible], 1955
Date Received in Region Office- - - - - - - - - - September 21, 1955

W. M. Traver

Enclosures

JDC:jy

cc: MF-104 File E812
Sec. Op. Comm. (2)
Shaw (2)
Chron.

DMEA
Date Rec'd.

SEP 21 1955

BUREAU OF MINES
Denver, Colorado

RECEIVED

OCT 10 1955

Building 20
Denver Federal Center
Denver 2, Colorado
September 19, 1955

Memorandum

To: Executive Officer, DMEA Field Team, Region III

Through: John F. Shaw
Supervising Mining Engineer

From: Glen Walker

Subject: DMEA 3649, (Uranium), Contract Idm-8512, Simpson Mining Company et al., Mesa County, Colorado - Monthly progress report for August 1955

The project was visited on September 13, 1955, and work was in progress on holes 10, 12, and 13. Ten of the first stage holes had been finished; therefore the footage of the 8 claimed on the Operator's MF-104 forms are approved as drilled.

The data supporting the claim appears to be authentic and does not exceed the estimates for the work stipulated in the contract. The U.S.G.S. geologist assigned to DMEA who logged 4 of the first 8 holes drilled concurrs with the Operator's geologic interpretations of the core. The work is now progressing more rapidly than initially, because the difficulty of caving near the surface has been overcome by casing. The upper 30-50 feet of holes in the west row near the toe of the bluff is in a talus of very large boulders which caused caving.

The figures and extensions shown on the MF-104's are reasonable and correct; therefore it is recommended that payment be made to the Operator in the amount of $7,470.08 which is 75 percent of $9,960.10, the amount claimed.

Incidentally, the unit cost for this period is $0.14 per foot less than estimated in the contract and includes all the dozer work for Stage I.

for John F. Shaw
Glen Walker
Mining Engineer

GW:ph

cc 6 w/
Glen Walker
Idm-8512
Chron.

Form MF-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.5

RECEIVED
OCT 10 1955

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of August, 1955 Docket No. DMEA 3649 Contract No. Idm-E812
Operator's Name Hamilton, Harris, McDavid, Phillips, Ladd Minerals Uranium
Address And Simpson Mining Company
Contract Amount, $36,004.00 Government Participation: 75 % Amount, $27,003.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling	$7186.50	None	$ 7186.50			
Bulldozing	649.00	None	649.00			
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis	174.00	None	174.00			
Payroll Taxes						
Liability Insurance						
Incidental Allowance	1950.60	None	1950.60			
(8) Contingencies (specify):						
TOTALS	9960.10	None	9960.10	9960.10		9960.10

I certify that the above bill is correct and just and that payment therefor has not been received.

Date ..... *Payee Hamilton, Harris, McDavid, Phillips, Ladd and Simpson Mining Company

Per [signature] Title Agent

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$ 7470.08

Signature RRC
(Authorized Certifying Officer)

Date 9-26-55 Vou. No. DMA-56-29

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E 812 in accordance with the terms of the contract.

Signature Gwalter 9 7470 R9 Title Mngeng. Date 9/16/55

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature [illegible] Title Executive Officer Date SEP 22 1955

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
OCT 10 1955

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of August 1955 Docket No. DMEA 3649 Contract No. Idm-E812
Operator's Name Hamilton, Harris, McDavid, Phillips, Ladd, Minerals Uranium
Address And Simpson Mining Company

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core (200-300)	Foot	110.00	40	$ 110.00	40	2.75	300	2.75
(300-400)	Foot	1212.00	404	1212.00	404	3.00	1840	3.00
(400-500)	Foot	549.50	157	549.50	157	3.50	600	3.50
Plug	Foot	5300.00	2650	5300.00	2650	2.00	8498	2.00
Stanby Time	Hour	15.00	1.25	15.00	1.25	12.00	20	12.00
Analysis	Sample	174.00	29	174.00	29	6.00	130	6.00
Roads and Trails	Day	649.00	7.375	649.00	7.375	88.00	28	100.00
Incidental Costs	Foot	1950.60	3251	1950.60	3251	0.60	11238	0.60
TOTAL DISTRIBUTED COSTS		9960.10		9960.10				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		9960.10		9960.10				

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date Sept. 9, 1955 Operator Hamilton, Harris, McDavid, Phillisp, Ladd and Simpson Mining Company

Per Julian E. Simpson Title Agent

REMARKS:

→ NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

(For Government use only)

gwalker

INSTRUCTIONS

Preparation of Form MF-104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF-104A has been designed to tie in with Form MF-104 for both monthly and cumulative costs. The "Total Costs" on Form MF-104A for each month should equal the monthly "Total Costs" as reported on Form MF-104. This is also true of the "Total Costs To Date".

In preparing Form MF-104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 872894

RECEIVED
OCT 10 1955

U. S. Government Docket No. DMEA 3649
Contract No. Idm-E812 - Rajah Claims

NARRATIVE FOR AUGUST, 1955 - REPORT

September 9, 1955

The work under the contract was started July 19, 1955, when engineers spotted the 13 holes of Stage I on the ground and flagged out locations for drill roads.

A bulldozer contracted from the Cooper Construction Company started construction of the 13 drill sites on July 25 and completed the sites on August 11.

Two core drill rigs contracted from Sprague and Henwood, Inc. started drilling Hole Nos. HR-1 and HR-5 on July 26. A third rig started on HR-6 on July 27. By the end of August the three drill rigs had completed 8 holes (HR-1 thru HR-8) of Stage I. All of the holes were drilled noncore to the inferred Brushy Basin-Salt Wash contact whereupon the remainder of each hole was cored AX in size through the uppermost sandstone lens (which ranged from 46 to 52 feet thick in the first 8 holes) and the lower gray-green mudstones. Each of the holes was bottomed after they had penetrated (from 4 to 14 feet) into the underlying red mudstone. All holes were completed with excellent core recovery.

All of the 8 holes completed were mineralized and the mineralized portions of the core were split, the Operator used one-half for assay purposes and a total of 29 samples were taken which were assayed for $\%U_3O_8$, $\%V_2O_5$, and $\%CaCO_3$. Where feasible the length of core used for an individual sample was limited to 12 inches. Eight of the 29 samples assayed exceeded 12 inches in length where it was impracticable to break them into smaller units. The other half of the mineralized core was stored for Government use along with the rest of the core in boxes properly labelled as to hole number and depth. The Geologist at the U.S.G.S. Beaver Mesa Camp was kept informed of the drilling progress.

Although not required under the contract, the Operator contracted with Century Geophysical Corporation to probe two of the holes, HR-2 and HR-6. Included with this report are the two radioactivity logs for these holes along with a report on same by Century.

Drill hole information for the first 8 holes is summarized in the tables as follows:

RECEIVED
OCT 10 1955

DRILL HOLE INFORMATION

Drill Hole No.	HR 1	HR 2	HR 3	HR 4
Claim	Rajah No. 67	Rajah No. 67	Rajah No. 67	Rajah No. 68
Date Started	7/26	8/ 3	8/ 5	8/25
Date Completed	8/3	8/11	8/16	8/31
Plug	370	330	310	260
Core	79	90	86	73
Total Depth	449	420	396	333
Mineralized	Yes	Yes	Yes	Yes
Ore Sand	Favorable	Favorable	Favorable	Favorable

Drill Hole No.	HR 5	HR 6	HR 7	HR 8
Claim	Rajah No. 67	Rajah No. 67	Rajah No. 67	Rajah No. 68
Date Started	7/26	7/27	8/ 8	8/17
Date Completed	8/31	8/10	8/24	8/25
Plug	380	360	335	305
Core	61	82	70	60
Total Depth	441	442	405	365
Mineralized	Yes	Yes	Yes	Yes
Ore Sand	Favorable	Favorable	Favorable	Favorable

Total Plug - 2650

Total Core - 601

Total Drilling - 3251

RECEIVED
OCT 10 1955

LIST OF SAMPLES AND ASSAYS

Sample No.	Hole No.	Sampled From	Sampled To	Thickness of Sample Feet	$\%U_3O_8$	$\%V_2O_5$	$\%CaCO_3$
1	HR 1	435.4	435.7	0.3	0.01	0.67	6.65
2	HR 6	416.0	417.0	1.0	0.04	0.12	3.13
3	HR 6	417.0	418.0	1.0	0.04	0.04	3.13
4	HR 6	418.0	419.0	1.0	0.23	0.10	2.92
5	HR 6	419.0	420.0	1.0	0.05	0.29	2.48
6	HR 2	377.0	378.0	1.0	0.00	0.04	2.19
7	HR 2	380.0	381.0	1.0	0.00	0.03	4.18
8	HR 2	381.0	381.7	0.7	0.31	2.13	2.95
9	HR 2	381.7	382.7	1.0	0.03	0.06	2.48
10	HR 2	387.9	390.0	2.1	0.02	1.45	1.64
11	HR 2	390.0	393.6	3.6	0.03	1.46	1.44
12	HR 3	357.8	358.4	0.6	0.08	1.12	0.39
13	HR 3	358.4	359.9	1.5	0.04	0.04	3.08
14	HR 3	359.9	360.6	0.7	0.39	0.18	11.09
15	HR 3	360.6	361.7	1.1	0.04	0.71	9.48
16	HR 3	361.7	362.5	0.8	0.03	2.51	3.16
17	HR 3	368.1	369.2	1.1	0.03	0.87	1.20
18	HR 7	380.7	381.7	1.0	0.03	0.06	6.63
19	HR 7	381.7	382.7	1.0	0.12	3.11	5.59
20	HR 7	382.7	383.7	1.0	0.04	0.08	4.60
21	HR 7	385.8	386.8	1.0	0.00	0.13	4.19
22	HR 8	336.3	338.3	2.0	0.00	0.05	4.14
23	HR 8	338.3	340.2	1.9	0.02	0.11	3.43
24	HR 8	340.2	341.5	1.3	0.00	0.08	4.16
25	HR 5	408.3	408.9	0.6	Trace	0.15	0.99
26	HR 5	415.9	416.3	0.4	Trace	0.32	1.53
27	HR 5	424.1	424.4	0.3	0.01	0.00	13.59
28	HR 4	304.0	305.0	1.0	0.54	1.37	7.01
29	HR 4	305.0	305.7	0.7	0.09	2.06	2.69

Attached are prints of 8 Drill Hole Logs, 2 Radioactivity Logs, certified copies of assay results and a map showing the location of the first 8 holes drilled and position of the remaining 5 holes to be completed under Stage I.

HAMILTON, HARRIS, McDAVID, PHILLIPS,
LADD AND SIMPSON MINING COMPANY

BY Julian E. Simpson

DRILL HOLE LOG

RECEIVED
OCT 10 1955

Type of Drill Diamond - AX

Logged For Simpson Mining Co.
DMEA 3649-Idm-E812

Drill-hole No. HR-1
Total depth 449.0
Collar elev. 7239 T. P
Area Beaver Mesa

COORDINATES
North East
Tie

Claim Rajah No. 67
Date started 7/26/55
Date completed 8/3/55
Logged by A.M.S.

Summary of log Favorable ; OBSS 387-436 Thick 49 ; SS color Wh ; [illegible] under OBSS 9.1ft. gn. S

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
0.0	370.0					Plug Bit No Core
370.0	385.0	MS	R			S, Gn, Mottled
385.0	386.7	SS	L Gn	VF	N	
386.7	387.1	MS	Gn		N	
387.1	389.8	SS	L Gn	F	N	
389.8	429.5	SS	Wh	M	N	S, Int., Gn, MS; S, Gn MS STks. Pbls.
429.5	430.0	MS	Gn		S	Sandy
430.0	435.4	SS	Wh, Gn	M	S	
435.4	435.7	SS	Gy	M	A	A, Cbn. Stks. Sample #1
435.7	439.0	MS	Gn		N	
439.0	440.2	ST	Gn		N	
440.2	441.8	MS	Gn		N	
441.8	443.5	ST	Gn		N	
443.5	444.8	ST	Gn		N	S, R, Mottled
444.8	449.0	MS	R			

γ-Ray Log 0 1000

	SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5
#1	435.7	0.3	0.01	0.67		

$CaCO_3$ 6.65

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No. HR-1

DRILL HOLE LOG

SIMPSON & WOODARD
EXPLORATION CO.

Type of Drill Diamond - AX

Logged For
Simpson Mining Co.
DMEA - 3649-Idm-E812

Drill-hole No. HR-2
Total depth 420.0
Collar elev. ..... T ..... P
Area Beaver Mesa

COORDINATES
North ..... East .....
Tie .....

Claim Rajah No. 67
Date started 8/3/55
Date completed 8/11/55
Logged by A.M.S.

Summary of log Favorable; OBSS 349.0-400.6 Bk 51.6 SS color Wh, Gy MS under OBSS 11.1 Gn Cbn. A

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
0.0	310.0					Plug Bit - No Core
310.0	330.0	MS	R/Gn		N	Mottled - 20% Gn (core Plug)
330.0	337.0	MS	R		N	1 ST Rib Less than 18" thick
337.0	338.8	MS	Gn		N	
338.8	349.0	MS/ST	R		N	
349.0	352.0	ST	L Gn		N	
352.0	355.9	SS	Gn	F to M	N	A Gn MS in Sand
355.9	370.0	SS	Wh	MF	N	S Gn MS Pbls
370.0	377.0	SS	Wh	MF	S	A Gn MS Stks & Pbls
377.0	378.0	SS	Wh	MF	A	A Cbn Stks; Sample #6
378.0	380.0	SS	Wh	MF	S	A Gn MS Stks & Seams
380.0	381.0	SS	Wh	MF	S	Sample #7
381.0	381.7	SS	Gy to	Bk MF	A	Sample #8
381.7	382.7	SS	Gy	MF	A	Sample #9
382.7	387.9	SS	Wh;Gy	MF	S	S Gn MS Pbls
387.9	390.0	SS	Gy	MF	S	Sample #10
390.0	393.6	SS	Gy	MF	S	Sample #11
393.6	400.6	SS	Wh	MF	S	S Gn MS Pbls
400.6	411.7	MS	Gn		N	
411.7	420.0	MS	R			

γ-Ray Log (0 – 1000)

	SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5	$CACO_3$
#6	378.0	1.0	0.00	0.04			2.19
#7	381.0	1.0	0.00	0.03			4.18
#8	381.7	0.7	0.31	2.13			2.95
#9	382.7	1.0	0.03	0.06			2.48
#10	390.0	2.1	0.02	1.45			1.64
#11	393.6	3.6	0.03	1.46			1.44
Comp.		5.7	0.03	1.46			

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No. HR-2

Copyrighted 1954 by SIMPSON & WOODARD CO.

COLORADO PRINTING CO., GRAND JUNCTION

DRILL HOLE LOG

SIMPSON & WOODARD
EXPLORATION CO.

Type of Drill: Diamond (AX)

Logged For: Simpson Mining Co.
DMEA - 3649-Idm-E812

Drill-hole No. HR-3
Total depth 396.0
Collar elev. 7178 T P
Area Beaver Mesa

COORDINATES
North East
Tie

Claim Rajah No. 67
Date started 8/5/55
Date completed 8/16/55
Logged by A.M.S.

Summary of log: Favorable ; OBSS 329-380 Thick 51 ; SS color Wh; Gy ; MS under OBSS Gn; 8' ; Cbn. A

RECEIVED OCT 10 1955

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
0.0	310.0					Plug Bit-No Core
310.0	329.6	MS	R		N	S,Gn MS Mottled
329.6	332.4	SS	Gn	M	N	
332.4	357.8	SS	Wh	MF	S	A,Gn,int. MS; S,Gn,MS Stks & Pbls.
357.8	358.4	SS	Bk to Gy	F	A	Sample #12
358.4	359.9	SS	Gy	MF	A	Sample #13 - A Cbn Stks
359.9	360.6	SS	Gy	MF	A	Sample #14 - A Cbn Stks
360.6	361.7	SS	Gy	MF	A	Sample #15 - A Cbn Stks
361.7	362.5	SS	Gy to Bk	MF	A	Sample #16
362.5	368.1	SS	L Gy	MF	S	
368.1	369.2	SS	Gy	MF	A	Sample #17
369.2	380.1	SS	Wh	MF	S	A Gn MS Pbls At 373.5
380.1	386.0	MS	Gn		N	
386.0	388.0	ST	Gn			
388.0	396.0	MS/ST	R			

γ-Ray Log 0 1000

	SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5	$CaCO_3$
#12	358.4	0.6	0.08	1.12			0.39
#13	359.9	1.5	0.04	0.04			8.08
#14	360.6	0.7	0.39	0.18			11.09
#15	361.7	1.1	0.04	0.71			9.48
#16	362.5	0.8	0.03	2.51			3.16
#17	369.2	1.1	0.03	0.87			1.20
Comp.		2.6	0.13	1.12			

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No. HR-3

Copyrighted 1954 by SIMPSON & WOODARD CO.

COLORADO PRINTING CO., GRAND JUNCTION

DRILL HOLE LOG

SIMPSON & WOODARD EXPLORATION CO.

Type of Drill: Diamond - AX

Logged For: Simpson Mining Co.
DMEA-3649-Idm-E812

Drill-hole No.: HR-4
Total depth: 333.0
Collar elev.: 7117 T P
Area: Beaver Mesa

COORDINATES
North: East:
Tie:

Claim: Rajah #68
Date started: 8/25/55
Date completed: 8/31/55
Logged by: A.M.S.

Summary of log: Favorable ; OBSS 270-320 Thick 50 ; SS color Wh, Gy MS Gn 7.0 under OBSS ; Cbn. S

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
0.0	260.0					Plug Bit -- No Core
260.0	270.3	MS/SS	R		N	
270.3	271.0	SS	Gn	M	N	
271.0	298.5	SS	Wh	M	S	S Gn MS Seams & Pbls
298.5	301.2	MS/ST	Gn		N	Sandy
301.2	304.0	SS	Gy	VF	S	A Gn MS in Sand
304.0	305.0	SS	Gy, Bk	MF	A	Peppery appearance
305.0	305.7	SS	Gy, Bk	MF	A	
305.7	320.7	SS	Wh	M	S	S Gn MS Seams
320.7	324.6	MS	Gn		N	
324.6	327.7	ST	L Gn		N	
327.7	333.0	MS	R		N	

γ-Ray Log: 0 — 1000

	SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5	$CACO_3$
#28	305.0	1.0	0.54	1.37			7.01
#29	305.7	0.7	0.09	2.06			2.69
Comp.		1.7	0.35	1.65			

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No. HR-4

Copyrighted 1954 by SIMPSON & WOODARD CO.

COLORADO PRINTING CO., GRAND JUNCTION

DRILL HOLE LOG

SIMPSON & WOODARD
EXPLORATION CO.

Type of Drill Diamond -- AX

Logged For
Simpson Mining Co.
DMEA-3649-Idm-E812

Drill-hole No. HR - 5
Total depth 441.0
Collar elev. 7235 T. P
Area Beaver Mesa

COORDINATES
North East
Tie

Claim Rajah No.67
Date started 7/26/55
Date completed 8/31/55
Logged by A.M.S.

Summary of log Favorable ; OBSS 370-420 Thick 50 ; SS color Wh ; MS under OBSS 6.9 Gn ; Cbn. S

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
0.0	370.0					Plug Bit -- No Core
370.0	380.0	SS	Wh			
380.0	382.0	SS	Wh	MF	N	
382.0	383.5	MS	Gn		N	
383.5	403.7	SS	Gy, Wh	M	N	S Gn MS Splits
403.7	405.0	MS	Gn		N	
405.0	406.7	SS	Gy	MF	S	A MS Gn Int.
406.7	408.3	MS	Gn		N	Sandy
408.3	408.9	SS	Gy, Bk	MF	A	S Gn MS Seams
408.9	415.9	SS	Wh	M	S	S Gn MS Pbls & Seams
415.9	416.3	SS	Gy, Br	MF	A	Dark Cbn Stk in Sand
416.3	420.1	SS	Wh	M	S	A Gn MS Pbls & Stks
420.1	422.3	MS	Bk, Gn		S	
422.3	424.1	SS	Gy	MF	S	A Gn MS
424.1	424.4	SS	Gy	MF	A	A Gn MS
424.4	427.0	MS	Gn		N	
427.0	441.0	MS/ST	R		N	2 ST Ribs

γ-Ray Log (0 – 1000)

	SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5	CACO3
#25	408.9	0.6	Tr	0.15			0.99
#26	416.3	0.4	Tr	0.32			1.53
#27	424.4	0.3	0.01	0.00			13.59

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant

OBSS—ore bearing sandstone

Hole No. HR #5

Copyrighted 1954 by SIMPSON & WOODARD CO.

COLORADO PRINTING CO., GRAND JUNCTION

DRILL HOLE LOG

SIMPSON & WOODARD
EXPLORATION CO.

Type of Drill: Diamond (AX)

Logged For: Simpson Mining Co.
DMEA - 3649-Idm-E812

Drill-hole No.: HR-6
Total depth: 442.0
Collar elev.: T P
Area: Beaver Mesa

COORDINATES
North: East:
Tie:

Claim: Rajah No. 67
Date started: 7/27/55
Date completed: 8/10/55
Logged by: A.M.S.

Summary of log: Favorable; OBSS 375.2-423.6 Thick 48.4 SS color Wh; Gy; MS under OBSS 10/4; Cbn. S to A

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
0.0	300.0					Plug Bit - No Core
300.0	310.0	SS	L Br	C	N	A, CG (Core Plug)
310.0	315.0	SS	Yw	MC	N	C, CG At Base (Core Plug)
315.0	325.0	MS	Gn		N	(Core Plug)
325.0	331.0	MS	R		N	(Core Plug)
331.0	360.0	MS	R/Gn		N	Mottled (Core Plug)
360.0	362.6	ST	R/Gn		N	(Coring Started)
362.6	372.2	MS	R		N	
372.2	375.2	SS	R	MF	N	
375.2	377.6	MS	Gn		N	Sandy
377.6	390.0	SS	Wh	MF	N	S,Gn,MS,Pbls.
390.0	394.8	SS	Wh	MC	N	S,Gn,MS,Pbls.; 50 ft
394.8	413.0	SS	Wh	MF	N	S,Gn,MS,Pbls.
413.0	416.0	SS	Wh	MF	S	
416.0	417.0	SS	Gy	MF	S	Sample #2
417.0	418.0	SS	Gy	MF	S	A,Lim.,Spks & Stks; Sample #3
418.0	419.0	SS	Gy	MF	A	Sample #4
419.0	420.0	SS	Gy	MF	S	Sample #5
420.0	423.6	SS	L Br	MF	S	
423.6	430.5	MS	Gn		N	
430.5	434.0	ST	L Gn		N	
434.0	442.0	MS	R			

γ-Ray Log: 0 — 1000

	SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5	$CaCO_3$
#2	417.0	1.0	0.04	0.12			3.13
#3	418.0	1.0	0.04	0.04			3.13
#4	419.0	1.0	0.23	0.10			2.92
#5	420.0	1.0	0.05	0.29			2.48

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No. HR-6

Copyrighted 1954 by SIMPSON & WOODARD CO.

COLORADO PRINTING CO., GRAND JUNCTION

DRILL HOLE LOG

SIMPSON & WOODARD EXPLORATION CO.

Type of Drill: Diamond - AX

Logged For: Simpson Mining Co. DMEA 3649--Idm E812

Drill-hole No.: HR-7

Total depth: 405.0

Collar elev. ..... T ..... P

Area: Beaver Mesa

COORDINATES

North ..... East .....

Tie .....

Claim: Rajah No. 67

Date started: 8/8/55

Date completed: 8/24/55

Logged by: A.M.S

Summary of log: Favorable; OBSS 340-390 Thick 50; SS color Wh; MS under OBSS Gn 8.8; Cbn. S

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
0.0	335.0					Plug Bit-- No Core
335.0	340.3	ST/MS	R		N	
340.3	343.3	SS	Gn	F	N	
343.3	355.9	SS	Wh	MF	N	S Gn MS Stks & Pbls
355.9	362.2	ss	Wh	M	S	A Gn MS Stks & Pbls
362.2	380.7	SS	Wh	MF	S	S Gn MS Stks; A large Gn MS Pbls @ 377ft.
380.7	381.7	SS	L Gy	MF	S	S Gn MS Stks Sample #18
381.7	382.7	SS	Bk,Gy	MF	A	Sample #19
382.7	383.7	SS/MS	Wh,Gn	F - M	S	A Gn MS Pbls;Stks - Sample #20
383.7	385.8	SS	Wh	MC	S	A Gn MS Pbls
385.8	386.8	SS	L Gy	M	S	A Gn MS Pbls;Stks - Sample #21
386.8	390.0	SS	Wh	MF	S	
390.0	394.8	MS	Gn		S	
394.8	398.8	ST	Gnn		N	Hard
398.8	405.0	MS	R			ST,Rib 400 to 402

γ-Ray Log (0 – 1000)

SAMPLE	BASE	THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5	$CaCO_3$
#18	381.7	1.0	0.03	0.06			6.63
#19	382.7	1.0	0.12	3.11			5.59
#20	383.7	1.0	0.04	0.08			4.60
#21	386.8	1.0	0.00	0.13			4.19

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No. HR-7

Copyrighted 1954 by SIMPSON & WOODARD CO.

COLORADO PRINTING CO., GRAND JUNCTION

DRILL HOLE LOG

SIMPSON & WOODARD EXPLORATION CO.

Type of Drill: Diamond - AX

Logged For: Simpson Mining Co.
DMEA 3649-Idm E812

Drill-hole No.: HR-8
Total depth: 365.0
Collar elev.: T P
Area: Beaver Mesa

COORDINATES
North: East:
Tie:

Claim: Rajah No. 68
Date started: 8/17/55
Date completed: 8/25/55
Logged by: A.M.S.

Summary of log: Favorable ; OBSS 309-355 Thick 46 ; SS color Wh ; MS under OBSS R ; Cbn. S

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
0.0	305.0					Plug Bit -- No Core
305.0	309.3	MS	R		N	Sandy
309.3	330.0	SS	Wh	M	S	S Gn MS Seams & Pbls
330.0	331.1	SS	Gy	F	S	
331.1	331.8	MS	Gn		N	
331.8	336.3	SS	Gy	F	S	A Gn MS Seams
336.3	338.3	SS	Gy	MF	S	A Gn MS Pbls, Seams--Sample #22
338.3	340.2	SS	Gy	MF	S	A Gn MS Pbls, Stks-- Sample #23
340.2	341.5	SS	Gy	MF	S	S Gn MS Sample # 24
341.5	354.9	SS	Wh	M	S	S Gn MS Pbls & Stks
354.9	359.7	MS/ST	R		N	
359.7	361.3	ST	Gy		N	Hard
361.3	365.0	MS/ST	R			

γ-Ray Log (0 – 1000)

SAMPLE	BASE	THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5	$CACO_3$
#22	338.3	2.0	0.00	0.05			4.14
#23	340.2	1.9	0.02	0.11			3.43
#24	341.5	1.3	0.00	0.08			4.16

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant

OBSS—ore bearing sandstone

Hole No. HR-8

Copyrighted 1954 by SIMPSON & WOODARD CO.

COLORADO PRINTING CO., GRAND JUNCTION

Century Geophysical Corporation
1050 NORTH UTICA — PHONE LUTHER 4-7111
TULSA 10, OKLAHOMA, U. S. A.

312 Uranium Center Building
Grand Junction, Colorado

August 19, 1955

To: Mr. Allan Simpson, Simpson Mining Company, 302 Main Street, Grand Junction, Colorado.

Subject: Weekly logging Report for week ending Aug. 14, 1955, Beaver Mesa, Mesa County Colorado.

Progress: Two holes were logged on Aug. 11, 1955 and with reruns through mineral section made the total footage logged to be 1660 feet.

Discussion of Results: Both holes show commercial ore, a study of the resistance log shows hole MR-2 to have a favorable sandstone at 355 to 402 with mineralization showing at 377 to 393 and ore sections at 379 to 381 and 390 to 392 feet. A similar study of hole MR-6 reveals a favorable sandstone at 382 to 405 with mineralization at 413 to 423 feet and an ore section at 415 to 420 feet.

Yours truly

CENTURY GEOPHYSICAL CORPORATION

A. J. Nicol

A. J. Nicol

AJN:sd
Encls.

DATE [illegible]

MINERALS ASSAY LABORATORY

[illegible] NOLAND AVENUE — GRAND JUNCTION, COLORADO — PHONE 1441

L-2153

NAME [illegible] Mining Co. ADDRESS Box [illegible] City

Lab. #	SAMPLE 8/8/55	PERCENT URANIUM	PERCENT VANADIUM	PERCENT LIME AS. $CaCO_3$	PERCENT TUNGSTEN OXIDE	PERCENT MOLY AS. MO			
[illegible]	Hole HR 1 Sample #1 435.4 to 435.7	0.01	0.07	6.65					

CERTIFIED TRUE COPY

BY Julian E. Simpson

Total Charges $ [illegible]

Date 8/15/55

Minerals Assay Laboratory

540 Noland Avenue -:- Grand Junction, Colorado — Phone 144.

L-2206

NAME [illegible] Mining Co. ADDRESS Box #127 City

LAB. NO.	SAMPLE RECEIVED 8/12/55		PERCENT URANIUM	PERCENT VANADIUM	PERCENT LIME AS. $CaCO_3$	PERCENT TUNGSTEN OXIDE	PERCE MOL AS.
4094	Sample #6 Hole HR 2	377.0 to 378.0	0.00	0.04	2.19		
4095	Sample #7 Hole HR-2	380.0 to 381.0	0.00	0.03	4.18		
4096	Sample #8 Hole HR-2	381.0 to 381.7	0.31	2.13	2.95		
4097	Sample #9 Hole HR-2	381.7 to 382.7	0.03	0.06	2.48		
4098	Sample #10 Hole HR-2	387.9 to 390.0	0.02	1.45	1.64		
4099	Sample #11 Hole HR-2	390.0 to 393.0	0.03	1.46	1.44		
4100	Sample #2 Hole HR-6	416.0 to 417.0	0.04	0.12	3.13		
4101	Sample #3 Hole HR-6	417.0 to 418.0	0.04	0.04	3.13		
4102	Sample #4 Hole HR-6	418.0 to 419.0	0.23	0.10	2.92		
4103	Sample #5 Hole HR-6	419.0 to 420.0	0.05	0.29	2.43		

CERTIFIED TRUE COPY

BY Julian E. Simpson

TOTAL CHARGES $70.00

Phone 1441

Minerals Assay Laboratory

549 Noland Avenue -:- Grand Junction, Colorado

Date 9/3/55

L#2375

NAME Simpson Mining Co. ADDRESS Box #127 City

No.	SAMPLE RECEIVED 9/2/55	PERCENT URANIUM	PERCENT VANADIUM	PERCENT LIME AS. CACO3	PERCENT TUNGSTEN OXIDE	PERCENT MOLY AS. MO
4792	Sample #1 Hole FS 8 287.2 to 288.5	0.04	0.17	Not	DMEA	
4793	Sample #2 Hole FS 8 288.5 to 289.0	0.05	0.17			
4794	Sample #3 Hole FK #1 333.7 to 334.9	0.95	4.09			
4795	Sample #25 Hole ER #5 408.3 to 408.9	Trace	0.15	0.99		
4796	Sample #26 Hole ER #5 415.9 to 416.3	Trace	0.32	1.53		
4797	Sample #27 Hole ER #5 424.1 to 424.4	0.01	0.00	13.59		
4798	Sample #28 Hole ER #4 304 to 305	0.54	1.37	7.01		
4799	Sample #29 Hole ER #4 305.0 to 305.7	0.09	2.06	2.69		

Not DMEA

CERTIFIED TRUE COPY

BY: Julian E. Simpson

TOTAL CHARGES $50.00

RECEIVED OCT 10 1955

Phone 1441

Minerals Assay Laboratory

Date [illegible]

540 Noland Avenue -:- Grand Junction, Colorado

L#2318

NAME Simpson Mining Co. ADDRESS Box 127 City

LAB. NO.	SAMPLE RECEIVED 8/22/55	PERCENT URANIUM	PERCENT VANADIUM	PERCENT LIME AS. CaCO3	PERCENT TUNGSTEN OXIDE	PERCENT MOLY AS. MO
4552	Hole HR-7 Sample #18 300.7 to 301.7	0.03	0.06	6.63		
4553	Hole HR-7 Sample #19 301.7 to 302.7	0.12	3.11	5.59		
4554	Hole HR-7 Sample #20 302.7 to 303.7	0.04	0.03	4.60		
4555	Hole HR-7 Sample #21 305.8 to 306.8	0.00	0.13	4.19		
4556	Hole HR-8 Sample #22 336.3 to 338.3	0.00	0.05	4.14		
4557	Hole HR-8 Sample #23 338.3 to 340.2	0.02	0.11	3.43		
4558	Hole HR-8 Sample #24 340.2 to 341.5	0.00	0.03	4.16		

CERTIFIED TRUE COPY

BY: Julian E. Simpson

TOTAL CHARGES $42.00

Phone 1

Minerals Assay Laboratory

Date 8/22/55

549 Noland Avenue -:- Grand Junction, Colorado

L#2257

NAME Simpson Mining Co. ADDRESS Box #127 City

LAB. NO.	SAMPLE RECEIVED 8/19/55	PERCENT URANIUM	PERCENT VANADIUM	PERCENT LIME AS. CaCO3	PERCENT TUNGSTEN OXIDE
4317	Sample #12 Hole HR-3 357.8 to 358.4	0.08	1.12	0.39	
4318	Sample #13 Hole HR-3 358.4 to 359.9	0.04	0.04	3.08	
4319	Sample #14 Hole HR-3 359.9 to 360.6	0.39	0.18	11.09	
4320	Sample #15 Hole HR-3 360.6 to 361.7	0.04	0.71	9.48	
4321	Sample #16 Hole HR-3 361.7 to 362.5	0.03	2.51	3.16	
4322	Sample #17 Hole HR-3 368.1 to 369.2	0.03	0.87	1.20	

CERTIFIED TRUE COPY

BY: [illegible]

TOTAL $42.00

Century

GEOPHYSICAL CORPORATION

TULSA, OKLAHOMA, U.S.A.

RADIOACTIVITY — ELECTRIC LOG

COUNTY	Mesa
STATE	Colorado
FIELD	Grand Mesa
WELL	MR-6
COMPANY	Simpson Mining Company

COMPANY	SIMPSON MINING COMPANY
BORE HOLE	MR-6
FIELD	GRAND MESA
COUNTY	MESA
STATE	COLORADO
LOCATION	
LOG MEAS. FROM	Surface
DRLG. MEAS. FROM	Surface

FILE NO.

LOCATION OF BORE HOLE

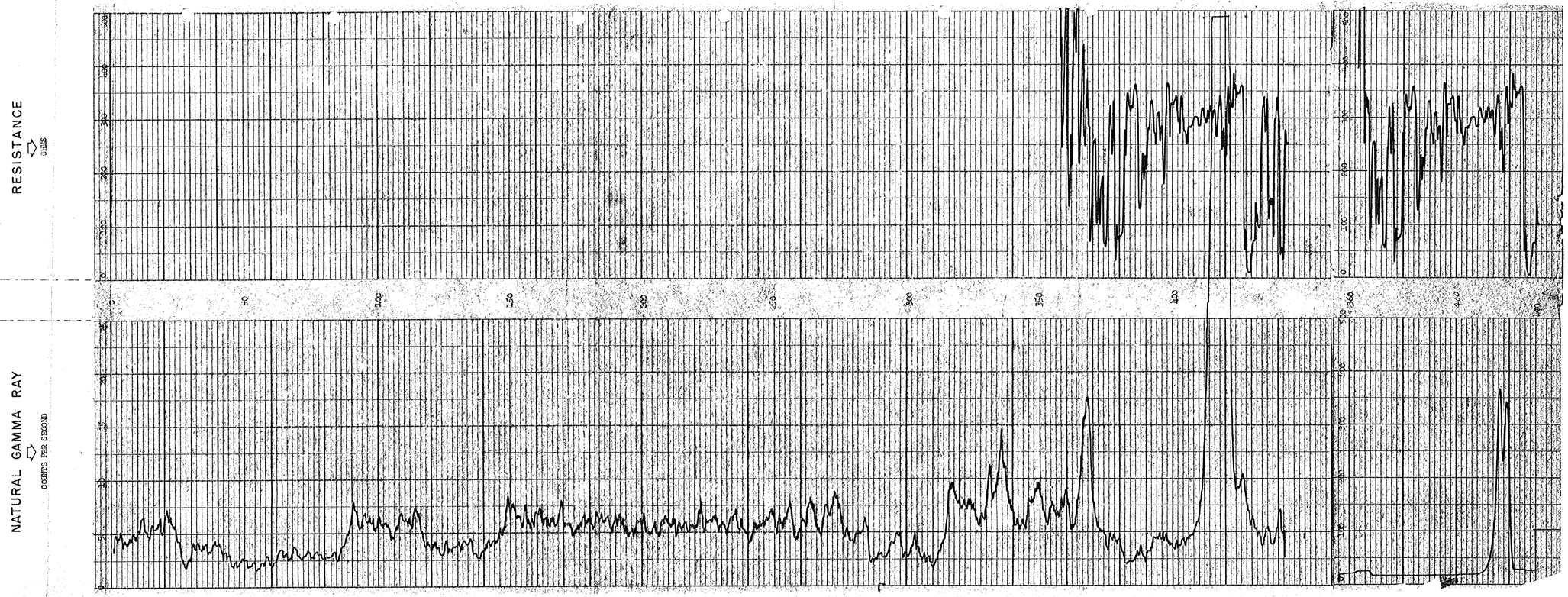
ELEVATION: KB ____ GL ____

DATE	3/11/55	RECORDED BY	Burns
FOOTAGE LOGGED	442	MUD TYPE	Water
TOTAL DEPTH, DRILLER	442	BACKGROUND COUNT	
HOLE DIA.	4	SLUSH PIT COUNT	
LOGGING SPEED	10fm	WEATHER	
TIME CONSTANT	8	PROBE DIAMETER	1 3/8"

REMARKS OR OTHER DATA

Second run also with 1 3/8" probe and water

CGC134



Century

GEOPHYSICAL CORPORATION
TULSA, OKLAHOMA, U.S.A.

RADIOACTIVITY — ELECTRIC LOG

COUNTY Mesa
STATE Colorado
FIELD Plateau Mesa
WELL HA-2
COMPANY Climax Mining Company

COMPANY STANROCK MINING COMPANY
BORE HOLE HA-2
FIELD [illegible]
COUNTY MESA
STATE COLORADO
LOCATION

FILE NO
LOCATION OF BORE HOLE

LOG MEAS. FROM SURFACE
DRLG. MEAS. FROM SURFACE

ELEVATION:
KB
GL

DATE	7/11/55	RECORDED BY	[illegible]
FOOTAGE LOGGED	408	MUD TYPE	Water
TOTAL DEPTH, DRILLER	410	BACKGROUND COUNT	
HOLE DIA.	4¼	SLUSH PIT COUNT	
LOGGING SPEED	10'a	WEATHER	Clear
TIME CONSTANT	8	PROBE STANDARD	1 3/8"

REMARKS OR OTHER DATA

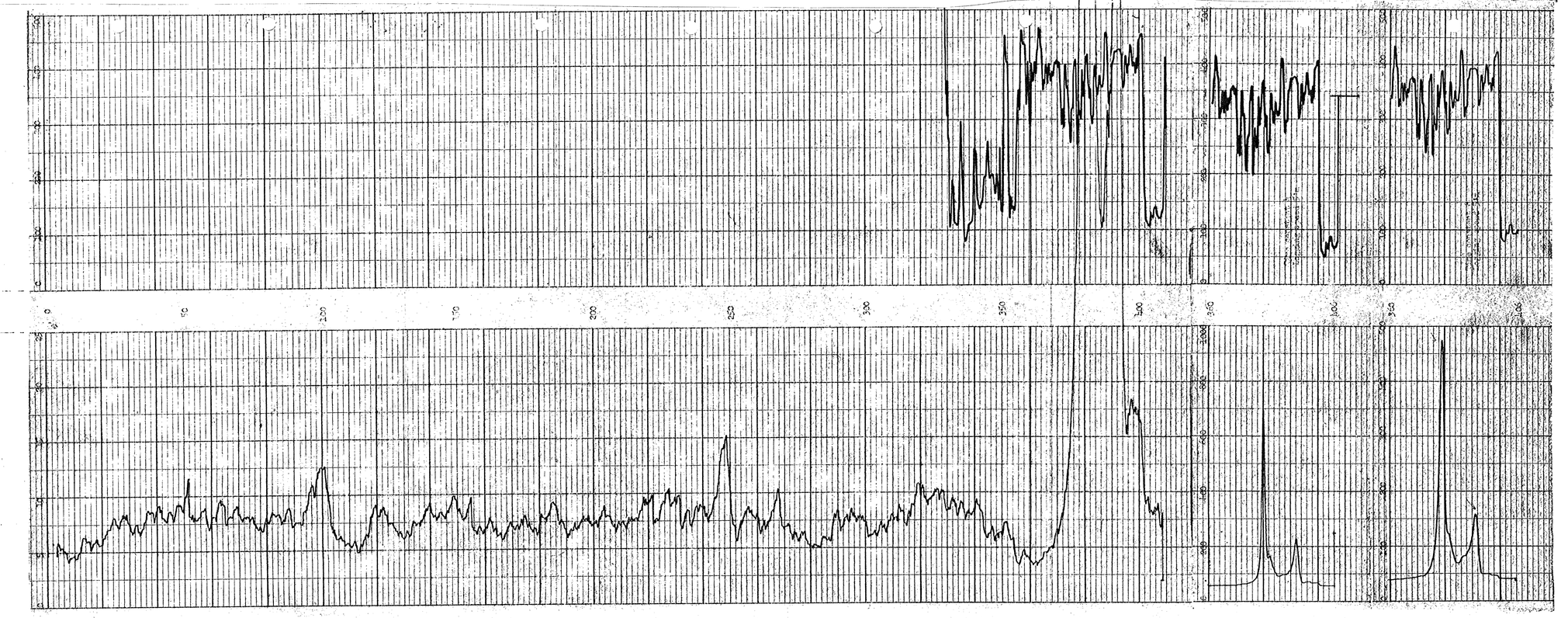
Second and third run also with 1 3/8" probe and water

Hole Diameter - 4¼ to 310
AX to 410

CGC134

RESISTANCE ⇨ OHMS

NATURAL GAMMA RAY ⇨ CPS



Century

GEOPHYSICAL CORPORATION

TULSA, OKLAHOMA, U.S.A.

RADIOACTIVITY — ELECTRIC LOG

COUNTY Mesa
STATE Colorado
FIELD Beaver Mesa
WELL HR-2
COMPANY Simpson Mining Co.

COMPANY	SIMPSON MINING COL
BORE HOLE	HR-2
FIELD	BEAVER MESA
COUNTY	MESA
STATE	COLORADO
LOCATION	
LOG MEAS. FROM	Surface
DRLG. MEAS. FROM	Surface

FILE NO.

LOCATION OF BORE HOLE

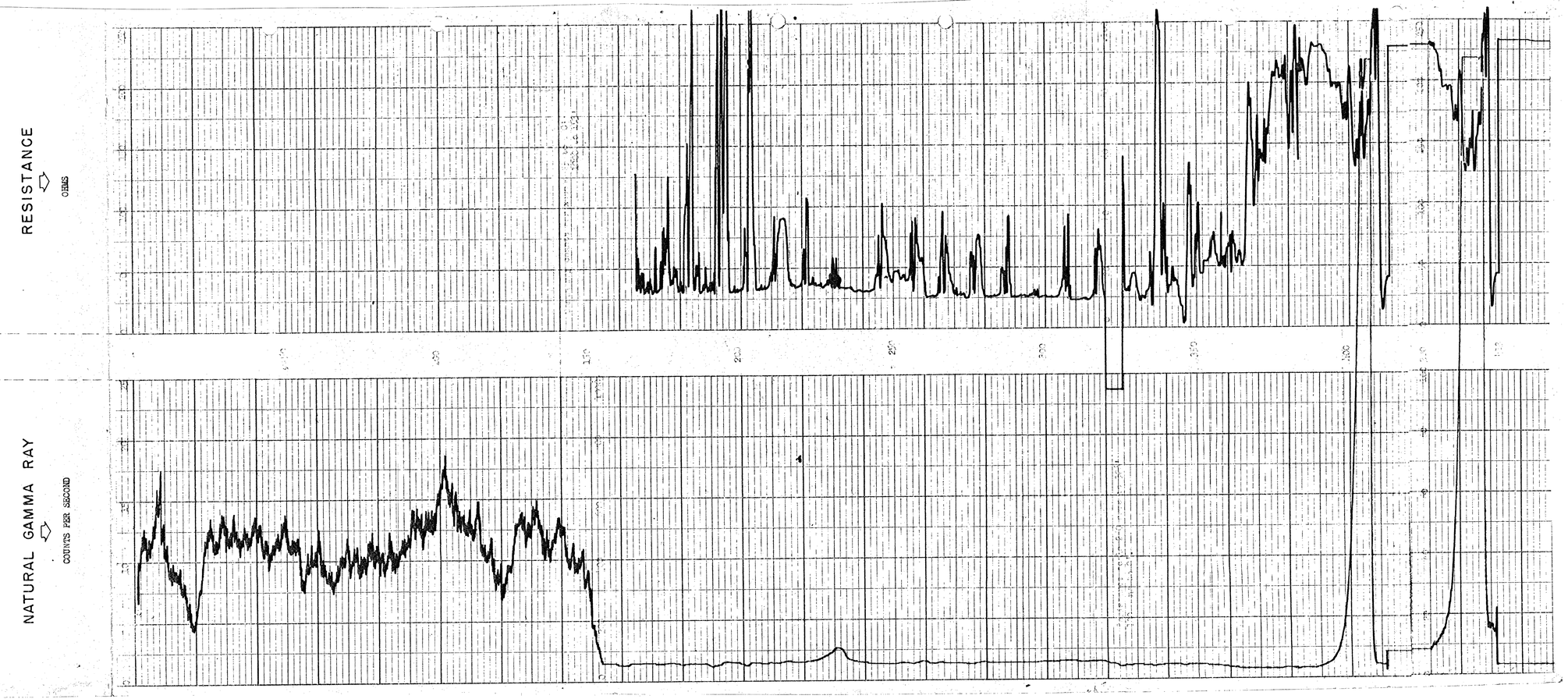
ELEVATION: K B ____ G L ____

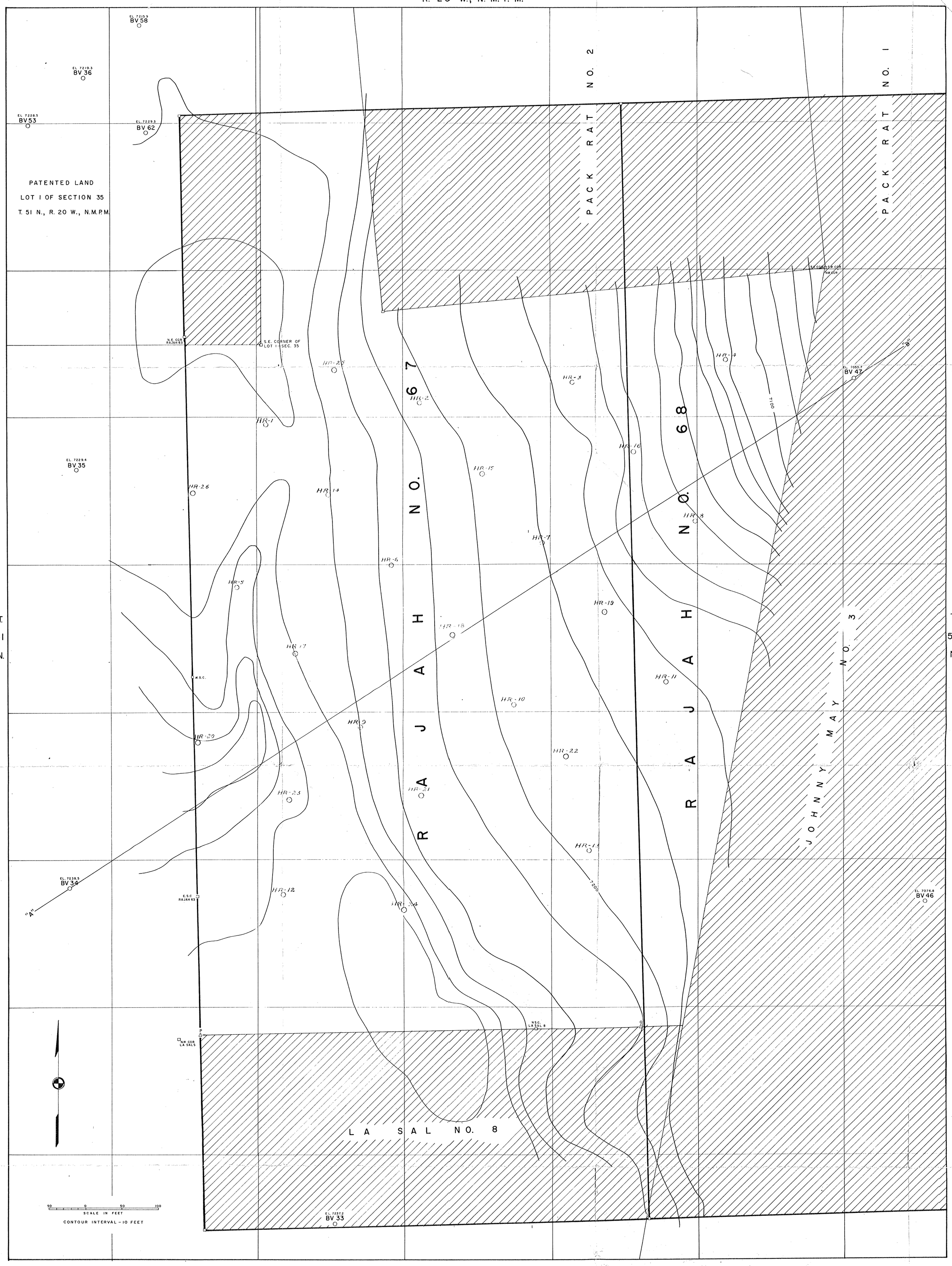
DATE	9/9/55	RECORDED BY	Mercier
FOOTAGE LOGGED	413/410	MUD TYPE	Water
TOTAL DEPTH, DRILLER	416	BACKGROUND COUNT	
HOLE DIA.	4 3/4	SLUSH PIT COUNT	
LOGGING SPEED	18'm	WEATHER	
TIME CONSTANT	8	PROBE DIAMETER	2"

REMARKS OR OTHER DATA

Second run with tc of 8, as of 18'm.

CGC134




R. 20 W., N. M. P. M.
T. 51 N.
PACK RAT NO. 2
PACK RAT NO. 1
PATENTED LAND
LOT 1 OF SECTION 35
T. 51 N., R. 20 W., N.M.P.M.
EL. 7215.9 BV 58
EL. 7219.3 BV 36
EL. 7228.5 BV 53
EL. 7229.3 BV 62
EL. 7229.4 BV 35
EL. 7238.5 BV 34
EL. 7237.2 BV 33
EL. 7053.7 BV 47
EL. 7076.8 BV 46
N.E. COR RAJAH 63
S.E. CORNER OF LOT 1 SEC. 35
E.S.C. RAJAH 63
NW COR LA SAL 5
N.S.C. LA SAL 8
S.E. COR. SW COR. NW. COR.
"A"
"B"
7100
7200
HR-1
HR-2
HR-2S
HR-3
HR-4
HR-5
HR-6
HR-7
HR-8
HR-9
HR-10
HR-11
HR-12
HR-13
HR-14
HR-15
HR-16
HR-17
HR-18
HR-19
HR-20
HR-21
HR-22
HR-23
HR-24
HR-26
RAJAH NO. 6
RAJAH NO. 7
JOHNNY MAY NO. 3
LA SAL NO. 8
50 0 50 100
SCALE IN FEET
CONTOUR INTERVAL - 10 FEET