ORE _____ HOLE NO. 14 FAV. X

MIN. X UNFAV. ___

BARREN X

MOAB, UTAH

CONTRACT Minerals Engineering

LOCALITY Mail Canyon CLAIM El Popito #15

COLLAR ELEV. 0 DEPTH 87'

DATE STARTED March 13, 1954

DATE COMPLETED March 13, 1954

LOGGED BY Rhoades DATE March 13, 1954

DEPTH	GEOLOGIC COL.	COLOR	BEDDING	TEXTURE	CHEM. ASSAY	CARBON	ORE MINERALS	MISCEL.	DEPTH
0									
3	TRC	grey		FGS		NO	NO		
6	TRC	grey		FGS		NO	NO		
9	TRS	grey		MGS		NO	NO		
12	TRC	grey		FGS		NO	NO		
15	TRS	TAN		MGS		NO	NO		
18	TRS	grey		FGS		NO	NO		
21	TRS	grey		FGS		NO	NO		
24	TRS	grey		FGS		NO	NO		
27	TRS	TAN		FGS		NO	NO		
30	TRS	TAN		FGS		NO	NO		
33	TRS	TAN		FGS		NO	NO		
36	TRS	TAN		FGS		NO	NO		
39	TRS	TAN		MGS		NO	NO		
42	TRS	"		MGS		NO	NO		
45	TRS	grey		FGS		NO	NO		
48	TRS	LT grey		FGS		NO	NO		
51	TRS	grey TAN		MGS		NO	NO		
54	TRS	grey		FGS		NO	NO		
57	TRS	LT TAN		FGS		NO	NO		
60	TRS	LT TAN		FGS MGS		NO	NO	TRS weak coat Tam?	
63	TRS	TAN		FGS		NO	NO		
66	TRS	TAN		FGS		NO	NO		
69		LT TAN		FGS		NO	NO		
72		LT TAN		FGS		NO	NO		
75		VLT TAN		FGS		NO	NO		
78		VLT TAN		FGS		NO	NO		
81		VLT TAN		FGS		NO	NO		
84		TAN		FGS		NO	NO		
87	Tam	red		VF GS		NO	NO		
90								87'	

ORE _____ HOLE NO. 15 FAV. ✓

MIN. X UNFAV. ___

BARREN _____

MOAB, UTAH

CONTRACT Minerals Engineering

LOCALITY Marble Canyon CLAIM El Paquito #14

COLLAR ELEV. 0 DEPTH 99'

DATE STARTED March 13, 1954

DATE COMPLETED March 1954

LOGGED BY McCarty DATE March 18, 1954

DEPTH	GEOLOGIC COL.	COLOR	BEDDING	TEXTURE	CHEM. ASSAY	CARBON	ORE MINERALS	MISCEL.	DEPTH
0									
	Trc	grey		M.gr S.S.		no	no		
3	Trc	red Bro		M.gr S.S.		no	no		
6	Trc	red Bro		M.gr S.S.		no	no		
9	Trc	red Bro		M.gr S.S.		no	no		
12	Trs	grey Bro		M.gr S.S.		no	no		
15	TRS	Bro. tan		M.c.gr S.S.		no	no		
18	Trs	Bro		M.gr S.S.		no	no		
21	Trs	Bro dk. grey		M.gr S.S.		no	no		
24	TRS	grey tan & Bro		M.gr S.S.		no	no	weak count	
27	Trs	Bro. grey		M.gr. S.S.		no	no		
30	Trs	Bro & grey		M.gr. S.S.		no	no		
33									
36	TRS	TAN		FgS MgS		NO	NO		
39	TRS	grey BRN		FgS MgS		NO	NO		
42	TRS	BRN		FgS MgS		NO	NO		
45	TRS	BRN		MgS		NO	NO		
48	TRS	grey TAN		FgS		NO	NO		
51	TRS	grey BRN		FgS MgS		NO	NO		
54	TRS	BRN		MgS		NO	NO		
57	TRS	BRN grey		CgS FgS		NO	NO	weak count	
60	TRS	BRN grey		FgS MgS		NO	NO	weak count	
63	TRS	grey		FgS		NO	NO		
66	TRS	BRN		FgS MgS		NO	NO		
69	TRS	TAN BRN		MgS		NO	NO		
72	TRS	grey		FgS		NO	NO		
75	TRS	TAN grey		MgS CgS		NO	NO		
78	TRS	TAN		MgS CgS		NO	NO		
81	TRS	TAN grey		MgS		NO	NO	weak count	
84	TRS	TAN grey		MgS		NO	NO		
87	TRS	BRN grey BLK		FgS MgS		yes	no	weak count	
90	TRS	grey		FgS		NO	NO	weak count	
93	TRS	grey		FgS		NO	NO		
96	TRS	grey		FgS		NO	NO		
99	TRS	Red		FgS		NO	NO		

ORE _____ HOLE NO. 16 FAV. X

MIN. X UNFAV. ___

BARREN _____

MOAB, UTAH

CONTRACT Minerals Engineering

LOCALITY Marble Canyon CLAIM E.P. #13

COLLAR ELEV. 0 DEPTH 148'

DATE STARTED 3-16-54

DATE COMPLETED 3-[illegible]-54

LOGGED BY Rhoades DATE 3-1954

DEPTH	GEOLOGIC COL.	COLOR	BEDDING	TEXTURE	CHEM. ASSAY	CARBON	ORE MINERALS	MISCEL.	DEPTH
	Trs	gray		c. gr. s.s.		no	no		
132									
	Trs	gray		c. gr. s.s.		no	no		
135									
	Trs	gray		c. gr. s.s.		no	no		
137						no	no		
	Trs	grey		c. gr. s.s.			no		
139									
	Trs	grey		c. gr. s.s.		no	no	Tri .05%	
142									
	Trs	grey		c. gr. s.s.		no	no		
145	Trs	grey		v. f. s.		no	no	Trs	
148	Trm	red		v. f. s.		no	no	Trm 148'	

ORE _____ HOLE NO. 17 FAV. X

MIN. X UNFAV. ___

BARREN _____

MOAB, UTAH

CONTRACT Minerals Engineering

LOCALITY Marble Canyon CLAIM E.P. #3

COLLAR ELEV. 0 DEPTH 117'

DATE STARTED March 18 1954

DATE COMPLETED March 24 1954

LOGGED BY McCory DATE March 24 1954

DEPTH	GEOLOGIC COL.	COLOR	BEDDING	TEXTURE	CHEM. ASSAY	CARBON	ORE MINERALS	MISCEL.	DEPTH
0									
3	TRS	Red		F.g.s		NO	NO		
6	TRS	TAN		c.g.s		NO	NO		
9	TRS	TAN		c.g.s		NO	NO		
12	TRS	TAN BRN		c.g.s		NO	NO		
15	TRS	TAN		c.g.s		NO	NO		
18	TRS	TAN		m.g.s		NO	NO		
21	Trs	Tan		m.g.s		no	no		
24	Trs	Tan		c.g.v. s.s		no	no		
27	Trs	Tan		v.c. gr. ss		no	no		
30	Trs	Tan		v.c. gr. ss.		no	no		
33	Trs	Tan		c.g. s.s.		no	no		
[illegible]	Trs.	Tan		c.g. s.c.		no	no		
[illegible]	Trs.	Tan		v.c. gr. ss		no	no		
42	Trs	Tan		v.c. gr. ss		no	no		
[illegible]	Trs	Tan		v.c. gr. ss		no	no		
[illegible]	Trs	Tan		v.c. gr. ss		no	no		
[illegible]	Trs	Tan		v.c. gr. ss		no	no		
54	Trs	Tan		c.g.s		no	no		
57	Trs	Tan		v.c gr. ss		no	no		
60	Trs	Tan		v.c. gr. ss.		no	no		
63	Trs	Lt. Brn.		v.c. gr. ss.		no	no		
66	Trs	Lt. Brn.		v.c. gr. ss.		no	no	weak count 1 ft	
69	Trs.	Tan		v.c. gr. ss.		no	no		
72	Trs	Tan		v.c. gr. ss		no	no	weak count 1 ft.	
75	Trs	Tan		v.c. gr. ss		no	no	weak count .5 ft.	
78	Trs	Tan		c.g.s v.c. ss.		no	no	weak count 2 ft.	
81	Trs	Tan		v.c. gr. s.s		no	no	weak count 1 ft.	
84	Trs	Lt. Brn.		m.g.s ss.		no	no	weak count 1 ft	
87	Trs	Lt. Brn.		v.c. gr. s.s.		no	no	weak count 1 ft	
90	Trs	Lt. Brn.		v.c. gr. ss		no	no	weak count 1 ft.	
93	Trs	Lt. Brn.		v.c. gr. ss.		no	no	weak count .5 ft	
96	Trs	Lt. Brn.		v.c. gr. ss.		no	no	weak count .5 ft	
99	Trs	Lt. Brn.		v.c. gr. ss		no	no	weak count .5 ft	
102	Trs	Lt. Brn.		v.c. gr. ss		no	no	weak count .5 ft	
105	Trs	Lt. Brn.		v.c. gr. s.s.		no	no	weak count .5 ft	3".05
108	Trs	Lt. Brn.		v.c. gr. s.s		no	no	weak count 1 ft	
111	Trs	Tan		v.c. gr. ss		no	no.	weak count .5 ft	
114	Trs?	Grey red		v.f. gr. ss		no	no	weak count 2"	112
117	Trs	red		v.f. gr. ss		no	no		
120								117'	
123									
126									
129									
132									
135									
138									
141									
144									
147									
150									
153									
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225									
228									
231									
234									
237									
240									

ORE _____ HOLE NO. 18 FAV. ✓

MIN. X UNFAV. _____

BARREN _____

MOAB, UTAH

CONTRACT Minerals Engineering

LOCALITY Marble Canyon CLAIM E.P. #22

COLLAR ELEV. 0 DEPTH 96'

DATE STARTED April 2, 1954

DATE COMPLETED April 2, 1954

LOGGED BY R. Hurtles DATE April 2, 1954

DEPTH	GEOLOGIC COL.	COLOR	BEDDING	TEXTURE	CHEM. ASSAY	CARBON	ORE MINERALS	MISCEL.	DEPTH
0									
3	TRS	TAN		MQS		NO	NO		
6	TRS	TAN		MQS		NO	NO		
9	TRS	TAN		MQS		NO	NO		
12	TRS	TAN		MQS		NO	NO		
15	TRS	TAN		CQS		NO	NO		
18	TRS	TAN		CQS		NO	NO		
21	TRS	TAN		CQS		NO	NO		
24	TRS	TAN		CQS		NO	NO		
27	TRS	TAN		CQS		NO	NO		
30	TRS	TAN		CQS		NO	NO		
33	TRS	TAN		CQS		NO	NO		
36	TRS	TAN		MQS		NO	NO		
39	TRS	TAN		MQS		NO	NO		
42	TRS	TAN		CQS		NO	NO		
45	TRS	TAN		CQS		NO	NO		
48	TRS	TAN		CQS		NO	NO		
51	TRS	TAN		CQS		NO	NO		
54	TRS	TAN		MQS		NO	NO		
57	TRS	TAN		CQS		NO	NO		
60	TRS	TAN		CQS		NO	NO		
63	TRS	TAN		CQS		NO	NO		
66	TRS	TAN		MQS		NO	NO		
69	TRS	TAN		MQS		NO	NO		
72	TRS	TAN		CQS		NO	NO		
75	TRS	TAN		CQS		NO	NO		
78	TRS	TAN		CQS		NO	NO		
81	TRS	TAN		CQS		NO	NO		
84	TRS	TAN		MQS		NO	NO		
87	TRS	TAN		MQS		NO	NO		
90	TRS	TAN		MQS		NO	NO	.7-.10 MR	
93	TRS	TAN		MQS		NO	NO	6" .01-.03% U3O8 weak count	
94 96	TRM	Red		FQS		NO	NO	Contact ↑	
99									
102									
105									
108									
111									
114									
117									
120									
123									
126									
129									
132									
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237									
240									

ANgelus 2-6181

McCary - Beacom Co.

MINING — OIL

2155 EAST SEVENTH STREET • LOS ANGELES 23, CALIFORNIA

direction from the Fehfu group of claims. This would be a very favorable condition to have geologically and is well worth the additional drilling to prove or to disprove this condition.

Also additional drilling should be performed along the proven channel trends. Due to the favorable structure now shown combined with the numerous mineralized drill holes and with the several ore holes, the area is well worth the additional drilling necessary to develop the area to its fullest extent.

I hope that this information will be of assistance to you in your program, and if any additional information is needed do not hesitate to call.

Very truly yours,

Phillip H. McCary, Jr.

Phillip H. McCary, Jr.

PHMC:cr
Enc.

MF-500

return to Ellis DMEA

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

REFERENCE SLIP

DATE 12-15-54

REFERRED TO:

DMEA-3532
Universal Allied
Uranium Corp.

1. ~~Mr. J.E.Crawford, Rm. 3641~~
2.
3.
4.

OK
[illegible]

FOR:

..... Action	..... Recommendation
..... Approval	..... Record of .....
..... Comment	..... Referring to .....
..... Conference	..... Reply for signature of .....
..... Consideration	..... Rewriting
..... Filing	..... Signature
..... Instructions	..... Suggestions
..... Investigation	..... x Your information
..... Initials	
..... Mailing	
..... Previous correspondence	

[illegible] 12/16

REMARKS: In connection with above application and your comments of October 28, 1954, enclosed is an extra set of supplemental data furnished by the Applicant which Mr. Ching thought you would like for your files.

Check (X) before the items needing attention.

Ernest [illegible]

gla *Initials of sender.*

GPO 16—63815-1

Supplemental Material

for USBM.

ORE _____ HOLE NO. 19 FAV. X

MIN. X UNFAV. ____

BARREN _____

MOAB, UTAH

CONTRACT Minerals Expt. Co.

LOCALITY Marble Canyon CLAIM E.P. #20

COLLAR ELEV. 0 DEPTH 240 FT.

DATE STARTED 3-24-54

DATE COMPLETED 3-25-54

LOGGED BY McCary DATE 3-25-54

DEPTH	GEOLOGIC COL.	COLOR	BEDDING	TEXTURE	CHEM. ASSAY	CARBON	ORE MINERALS	MISCEL.	DEPTH
0									
3	Trc	red		Mgr SS		no	no		
6									
9	Trc	red		Mgr SS		no	no		
12									
15	Trc	red		Mgr SS		no	no		
18									
21	Trc	red blue		M.f. f.g. SS		no	no		
24									
27	Trc	red blue		M.f. f.g. SS		no	no		
30									
	Trc	red blue		M.f. f.g. SS		no	no		
36									
	Trc					no	no		
37									
	Trc	red		M.f. f.g. SS		no	no		
45	Trc	red		M.f. f.g. SS		no	no		
	Trc	red		M.f. f.g. SS		no	no		
48	Trc	red		M.f. f.g. SS		no	no		
51		blue		M.f. f.g. SS		no	no		
	Trc	grey		M.f. f.g. SS		no	no		
57	Trc	blue grey		M.f. f.g. SS		no	no		
	Trc	red grey		M.f. f.g. SS		no	no		
63	Trc	red grey		M.f. f.g. SS		no	no		
66	Trc	red		M.f. f.g. SS		no	no		
69	Trc	red		M.f. f.g. SS		no	no		
72	Trc	red grey		M.f. f.g. SS		no	no		
75	Trc	red		M.f. f.g. SS		no	no		
	Trc	red		M.f. f.g. SS		no	no		
81	Trc	red		M.f. f.g. SS		no	no		
84	Trc	red		M.f. f.g. SS		no	no		
87	Trc	red		M.f. f.g. SS		no	no		
90	Trc	red		M.f. f.g. SS		no	no		
93	Trc	red		f.g. SS		no	no		
96	Trc	red		f.g. SS		no	no		
99	Trc	red grey		f.g. SS		no	no		
102	Trc	red		f.g. SS		no	no		
105	Trc	red		f.g. SS		no	no		
108	Trc	red		f.g. SS		no	no		
111									
114	Trc	red		f.g. SS		no	no		
117	Trc	red		f.g. SS		no	no		
120	Trc	red		f.g. SS		no	no		
123	Trc	red		f.g. SS		no	no		
126	Trc	red		f.g. SS		no	no		
129	Trc	red		f.g. SS		no	no		
132	Trc	blue		f.g. SS		no	no		
135	Trc	blue grey		f.g. SS		no	no		
138	Trc	tan		f.g. SS		no	no		
141	Trc	tan		m.g. SS		no	no		
144	Trc	tan		m.g. SS		no	no		
147	Trc	grey tan		m.g. SS		no	no		
150	Trc	tan		m.g. SS		no	no		
153	Trs	tan		c.g. SS		no	no		
156	Trs	tan		v.c. g. SS		no	no		
159	Trs	tan		v.c. g. SS		no	no		
162	Trs	tan		v.c. g. SS		no	no		
165	Trs	tan		v.c. g. SS		no	no		
168	Trs	tan grey		v.c. g. SS		no	no	weak count 6"	
171	Trs	tan grey		v.c. g. SS		no	no		
174	Trs	tan		silt		no	no		
177	Trs	tan		v.c. g. SS		no	no		
180	Trs	tan		v.c. g. SS		no	no		
183	Trs	tan		v.c. g. SS		no	no		
186	Trs	tan		v.c. g. SS		no	no		
189	Trs	tan		v.c. g. SS		no	no		
192	Trs	tan		v.c. g. SS		no	no		
195	Trs	tan		v.c. g. SS		no	no		
198	Trs	tan		v.c. g. SS		no	no		
201	Trs	tan		v.c. g. SS		no	no		
204	Trs	tan		v.c. g. SS		no	no		
207	Trs	tan		v.c. g. SS		no	no		
210	Trs	tan		v.c. g. SS		no	no		
213	Trs	tan		v.c. g. SS		no	no		
216	Trs	tan		v.c. g. SS		no	no		
219	Trs	tan grey		v.c. g. SS silt		no	no	weak count 6"	
222	Trs	tan		v.c. g. SS silt		no	no		
225	Trs	tan		v.c. g. SS		no	no		
228	Trs	tan		v.c. g. SS		no	no		
231	Trs	tan		v.c. g. SS		no	no	weak count 4" .20 MR	
234	Trs	tan		v.c. g. SS		no	no	16" .10% U_3O_8 147	
237	Trs	tan		v.c. g. SS		no	no	weak count Trs	238'
240	Trs	grey		silt		no	no	Trs	

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 19 1954

November 5, 1954

Mr. C. Andrade, III
Shoreham Hotel
Washington, D. C.

Re: Sixty Day Extension of Time - Article IV
July 16, 1954 Agreement

Dear Mr. Andrade:

I believe that this letter will carry out the agreement discussed with you over the telephone this morning relative to a sixty day extension of time referred to under Article IV of the Agreement, dated July 16, 1954, between McCary-Beacom Co., as first party, and Paul M. Raigoredsky, et al, as second party.

In consideration of the payment by second party to McCary-Beacom Co. prior to ~~October~~ November 16, 1954 of the sum of $2,500.00, McCary-Beacom Co., as first party, agrees as follows:

Article IV of said Agreement shall be considered changed only in that the provision "one hundred twenty (120) days" shall read "one hundred eighty (180) days";

Article I of said Agreement shall be considered changed only as follows: Where the words and figures "Seventy-Two Thousand Five Hundred and no/100 ($72,500.00) Dollars" and "$72,500.00" appear in said Article I, the following words and figures "Seventy Thousand ($70,000.00) Dollars" and "$70,000.00" shall be considered as replacing said words and figures.

It is our understanding that the sum of $2,500.00 to be paid us for the sixty day extension above referred to is as outlined a payment to McCary-Beacom Co. under the provisions of Article I of said Agreement and that except as changed above, said Agreement of July 16, 1954 shall remain in full force and effect without change and as of its date, July 16, 1954.

Very truly yours,
McCARY-BEACOM CO.

Arthur J. Beacom

Arthur J. Beacom

November 12, 1954
Approved and Accepted by
Second Party to said Agreement
of July 16, 1954

/s/ C. Andrade, III

C. Andrade, III

ANgelus 2-6181

McCary - Beacom Co.

MINING — OIL

2155 EAST SEVENTH STREET • LOS ANGELES 23, CALIFORNIA

November 8, 1954

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 19 1954

Universal Allied Uranium Coproration
522 First National Bank Building
Dallas, Texas

Attention: Mr. Howard Norris:

Dear Mr. Norris:

In reference to your letter of Nov. 1, 1954, the following material is a discussion of the Marble Canyon properties owned by Universal Allied Uranium Corporation.

These properties are located on a Triassic section of sediments the base of which is the Moenkopi formation. Overlying the Moenkopi unconformably is the Shinarump Conglomerate a major uranium producer on the Colorado Plateau. The Shinarump in turn is overlain by the Chinle formation which is also a uranium producer and which has a favorable potential in this area. Toward the western end of the claims, the Chinle formation is overlain by the Glen Canyon Group of sediments, a Jurassic section.

Structurally, the properties occupy the western flank of a doubly plunging anticline the axis of which is approximately one mile to the northeast. In addition, there is a monocline about one half mile to the north. There are no major faults in the area, but there is evidence of much jointing.

Since so many deposits occur in so called channels caused by erosion of the Moenkopi and by deposition of the Shinarump into these depressions, the contact zone between the Moenkopi and the Shinarump was studied in detail. The results were favorable and several channels were observed. In many places radioactivity was detected with a counter and was usually associated with carbon, copper, iron, gypsum and slight traces of vanadium. The rim exposure between El Pequito #2 and El Pequito# 15 claims has a channeling feature. The count is about .10% U_3O_8 equivalent and is associated with copper, iron and carbon. This channel appears to be about 150 feet wide and 20 feet deep. Further to the northeast is another channel of a much larger size. It is about 1200 feet wide and over

ANgelus 2-6181

McCary - Beacom Co.

MINING — OIL

2155 EAST SEVENTH STREET • LOS ANGELES 23, CALIFORNIA

200 feet deep. The count varies from .10% to .50% U_3O_8 equivalent and it is also associated with copper, iron, and carbon. This exposure is located on the El Pequito #23 claim. This channel turns and outcrops again along the El Pequito #10 and El Pequito #9 claims and again there is count ranging from .10% to .80% U_3O_8 equivalent. Along the north rim of the canyon dividing the El Pequito and the Fehfu groups of claims, the count ranges from .10% to .50% U_3O_8 equivalent. This appears to be the flood plain portion of the large channel mentioned previously. There are two channels showing on the rim of the mesa that is occupied by the Fehfu group of claims. The channel exposed on the Fehfu #19 claim is about 300 feet wide and 30 feet deep. The count is about .10% U_3O_8 equivalent, and there is a presence of carbon and iron. Not all of this channel outcrop is accessable; so it is impossible to determine whether there is more intensive radioactivity or not. The channel outcroping along the Fehfu #1 and Fehfu #2 claims is also about 300 feet wide and 30 feet deep. The count ranges from .10% to .75% U_3O_8 equivalent and is associated with copper, iron and carbon.

The initial development drilling program was performed for the purpose of proving or disproving the continuation of these channel trends. The program was not designed to explore for and to block out ore bodies. While in the process of using drill information to determine the structure of the area, it was quite surprising to find out that so many of the holes were mineralized. This is favorable because the holes are seperated from several hundred to over a thousand feet apart. In the process of drilling for ore bodies drilling grids of 100 foot centers have missed many ore bodies. From the structure maps that were made from the drilling program, the channel trends are fairly well defined. The two channels that outcrop on the mesa occupied by the Fehfu group of claims seem to join about in the middle of the Fehfu #4 claim and to continue as one toward Fehfu #10, 11 and 13 claims. The large channel outcroping on the El Pequito #23 claim turns and traverses through the El Pequito #8, 9 and 10 claims. The small channel outcroping betweem El Pequito #2 and El Pequito #15 appears to join another large channel on El Pequito #14 and the large channel then seems to trend in a westerly direction toward the El Pequito #19 and the Fehfu #14, and 15 claims. The possibility can now be seen of a possible junction of this large westerly trending channel with the channel trending in a northerly

ORE _____ HOLE NO. 20 FAV. X

MIN. _____ UNFAV. ____

BARREN X

MOAB, UTAH

CONTRACT Minerals Engr. Co.

LOCALITY Marble Canyon CLAIM E.P. #4

COLLAR ELEV. 0 DEPTH 111'

DATE STARTED 3-25-54

DATE COMPLETED 3-25-54

LOGGED BY McCary DATE 3-25-54

DEPTH	GEOLOGIC COL.	COLOR	BEDDING	TEXTURE	CHEM. ASSAY	CARBON	ORE MINERALS	MISCEL.	DEPTH
0	Trs	Tan		v.c.gr. s.s.		no	no		
3	Trs	Tan		congl v.c.gr. s.s.		no	no		
6	Trs	Tan		v.c.gr. s.s. congl.		no	no		
9	Trs	Tan		v.c.gr. s.s. congl		no	no		
12	Trs	Tan		v.c.gr. s.s. congl.		no	no		
15	Trs	Tan		v.c.gr. s.s. congl.		no	no		
18	Trs	Tan		v.c.gr. s.s. congl.		no	no		
21	Trs	Tan		v.c.gr. s.s. congl.		no	no		
24	Trs	Tan LT. Brn.		v.c.gr. s.s. congl		no	no		
27	Trs	LT. Brn.		v.c.gr. s.s.		no	no		
30	Trs	LT. Brn		v.c.gr. s.s.		no	no		
33	Trs	LT. Brn		v.c.gr. s.s.		no	no		
36	Trs	LT. Brn		v.c.gr. s.s.		no	no		
39	Trs	LT. Brn		v.c.gr. s.s.		no	no		
42	Trs	LT. Brn		v.c.gr. s.s.		no	no		
45	Trs	LT. Brn		v.c.gr. s.s.		no	no		
48	Trs	LT. Brn		v.c.gr. s.s.		no	no		
51	Trs	LT. Brn		v.c.gr. s.s.		no	no		
54	Trs	LT. Brn		v.c.gr. s.s. congl		no	no		
57	Trs	LT. Brn		v.c.gr. s.s. congl		no	no		
60	Trs	Brn		v.c.gr. s.s. congl		no	no		
63	Trs	Brn		v.c.gr. s.s. congl		no	no		
66	Trs	LT. Brn		v.c.gr. s.s. congl		no	no		
69	Trs	LT. Brn.		v.c.gr. s.s. congl		no	no		
72	Trs	Brn.		v.c.gr. s.s. congl.		no	no		
75	Trs	LT. Brn		v.c.gr. s.s. congl		no	no		
78	Trs	LT. Brn		v.c.gr. s.s. congl		no	no		
81	Trs	LT. Brn		v.c.gr. s.s. congl.		no	no		
84	Trs	LT. Brn		v.c.gr. s.s. congl		no	no		
87	Trs	LT. Brn		v.c.gr. s.s. congl.		no	no		
90	Trs	LT. Brn		v.c.gr. s.s. congl.		no	no		
93	Trs	LT. Brn		v.c.gr. s.s.		no	no		
96	Trs	LT. Brn		v.c.gr. ss.		no	no		
99	Trs	LT. Brn		v.c.gr. s.s. congl		no	no		
102	Trs	LT. Brn gray		v.c.gr. s.s. silt.		no	no		
105	Trs	LT. Brn		v.c.gr. s.s.		no	no		
108	Trs	LT. Brn gray		v.c.gr. s.s. silt.		no	no		
111	Tmm	red				no	no	Trs / Tmm. 111'	110'
114									
117									
120									

ORE _____ HOLE NO. 21 FAV. X

MIN. X UNFAV. ___

BARREN _____

MOAB, UTAH

CONTRACT Minerals Engr. Co.

LOCALITY Marble Canyon CLAIM E.P. #5

COLLAR ELEV. 0 DEPTH 129'

DATE STARTED 3-25-54

DATE COMPLETED 3-25-54

LOGGED BY McCary DATE 3-25-54

DEPTH	GEOLOGIC COL.	COLOR	BEDDING	TEXTURE	CHEM. ASSAY	CARBON	ORE MINERALS	MISCEL.	DEPTH
Cont. 120									
	Tro	Brn gray		v.c.g. ss. silt		no	no	weak count 2"	
123	Trm	Tan red		silt		no	no	Tos Trm	124'
126	Trm	red		silt		no	no		
129								129'	
132									
135									
138									
141									

ORE _____ HOLE NO. 22 FAV. X

MIN. X UNFAV. ____

BARREN _____

MOAB, UTAH

CONTRACT Minerals Engineering

LOCALITY Marble Canyon CLAIM El Paquito #6

COLLAR ELEV. 0 DEPTH 150'

DATE STARTED March 27, 1954

DATE COMPLETED March 27, 1954

LOGGED BY Rhodes DATE March 27, 1954

DEPTH	GEOLOGIC COL.	COLOR	BEDDING	TEXTURE	CHEM. ASSAY	CARBON	ORE MINERALS	MISCEL.	DEPTH
0									
3	TRS	TAN		CGS		NO	NO		
6	TRS	TAN		CGS		NO	NO		
9	TRS	TAN		CGS		NO	NO		
12	TRS	TAN		CGS		NO	NO		
15	TRS	TAN		CGS		NO	NO		
18	TRS	TAN		MGS		NO	NO		
21	TRS	TAN		MGS MS		NO	NO		
24	TRS	TAN		FGS		NO	NO		
27	TRS	TAN		FGS		NO	NO		
30	TRS	TAN		MGS		NO	NO		
33	TRS	TAN		MGS		NO	NO		
36	TRS	TAN		MGS		NO	NO		
39	TRS	TAN		MGS		NO	NO		
42	TRS	TAN		MGS		NO	NO		
45	TRS	TAN		MGS		NO	NO		
48	TRS	TAN		MGS		NO	NO		
51	TRS	TAN		FGS		NO	NO		
54	TRS	TAN		FGS		NO	NO		
57	TRS	TAN		FGS		NO	NO		
60	TRS	TAN		FGS		NO	NO		
63	TRS	TAN		FGS		NO	NO		
66	TRS	TAN		FGS		NO	NO		
69	TRS	TAN		FGS		NO	NO		
72	TRS	TAN		MGS		NO	NO		
75	TRS	TAN		MGS		NO	NO		
78	TRS	TAN		CGS		NO	NO		
81	TRS	TAN		MGS		NO	NO		
84	TRS	TAN		CGS		NO	NO		
87	TRS	TAN		MGS		NO	NO		
90	TRS	TAN		FGS		NO	NO		
93	TRS	TAN BRN		MGS MS		NO	NO		
96	TRS	TAN		MGS		NO	NO		
99	TRS	TAN		MGS		NO	NO		
102	TRS	TAN		MGS		NO	NO		
105	TRS	TAN		MGS		NO	NO		
108	TRS	TAN		FGS		NO	NO		
111	TRS	TAN		FGS		NO	NO		
114	TRS	TAN		FGS		NO	NO		
117	TRS	TAN		FGS		NO	NO		
120	TRS	TAN		FGS		NO	NO		

ORE _____ HOLE NO. 24 FAV. ✓

MIN. ✓ UNFAV. ____

BARREN _____

MOAB, UTAH

CONTRACT Minerals Engineering

LOCALITY Marble Canyon CLAIM E.P. #23

COLLAR ELEV. 0 DEPTH 231'

DATE STARTED March 28, 1954

DATE COMPLETED 3-29-1954

LOGGED BY Rhoades DATE 3-29, 1954

DEPTH	GEOLOGIC COL.	COLOR	BEDDING	TEXTURE	CHEM. ASSAY	CARBON	ORE MINERALS	MISCEL.	DEPTH
0									
3	[illegible]	[illegible]		[illegible]		NO	NO		
6	TRS	[illegible]		cgs		NO	NO		
9	TRS	TAN		cgs		NO	NO		
12	TRS	TAN		cgs		NO	NO		
15	TRS	TAN		cgs		NO	NO		
18	TRS	TAN		cgs		NO	NO		
21	TRS	TAN		cgs		NO	NO		
24	TRS	TAN		cgs		NO	NO		
27	TRS	TAN		cgs		NO	NO		
30	TRS	TAN		cgs		NO	NO		
33	TRS	TAN		cgs		NO	NO		
36	TRS	TAN		cgs		NO	NO		
39	TRS	TAN gray		mgs		NO	NO		
42	TRS	TAN		mgs		NO	NO		
45	TRS	TAN		mgs		NO	NO		
48	TRS	TAN		mgs		NO	NO		
51	TRS	TAN		mgs		NO	NO		
54	TRS	TAN		mgs		NO	NO		
57	TRS	TAN		mgs		NO	NO		
60	TRS	TAN		mgs		NO	NO		
63	TRS	TAN		mgs		NO	NO		
66	TRS	TAN		mgs		NO	NO		
69	TRS	TAN		cgs		NO	NO		
72	TRS	TAN		mgs		NO	NO		
75	TRS	TAN		cgs		NO	NO		
78	TRS	TAN		mgs		NO	NO		
81	TRS	TAN		mgs		NO	NO		
84	TRS	TAN		mgs		NO	NO		
87	TRS	TAN BRN		mgs		NO	NO		
90	TRS	TAN		mgs		NO	NO		
93	TRS	TAN		mgs		NO	NO		
96	TRS	TAN		cgs		NO	NO		
99	TRS	TAN		cgs		NO	NO		
102	TRS	TAN		cgs		NO	NO		
105	TRS	TAN		cgs		NO	NO		
108	TRS	TAN		cgs		NO	NO		
111	TRS	TAN BRN		mgs ms		NO	NO		
114	TRS	TAN BRN		cgs ms		NO	NO		
117	TRS	TAN		cgs		NO	NO		
120	TRS	TAN		cgs		yes	NO		
123	TRS	TAN		cgs		NO	NO		
126	TRS	TAN		cgs		NO	NO		
129	TRS	TAN		cgs		yes	NO		
132	TRS	TAN		cgs		NO	NO		
135	TRS	TAN		cgs		NO	NO		
138	TRS	TAN		cgs		NO	NO		
141	TRS	TAN		cgs		NO	NO		
144	TRS	TAN		mgs		NO	NO		
147	TRS	TAN		mgs		NO	NO		
150	TRS	TAN		mgs		NO	NO		
153	TRS	TAN		mgs		NO	NO		
156	TRS	TAN		mgs		NO	NO		
159	TRS	TAN		cgs		NO	NO		
162	TRS	TAN		cgs		NO	NO		
165	TRS	TAN		cgs		NO	NO		
168	TRS	TAN		cgs		NO	NO		
171	TRS	TAN		mgs		yes	NO	weak count	
174	TRS	TAN		mgs		NO	NO		
177	TRS	TAN gray		mgs		yes	NO		
180	TRS	gray		mgs		NO	NO		
183	TRS	gray		cgs		NO	NO		
186	TRS	gray		cgs		NO	NO		
189	TRS	gray TAN		cgs		NO	NO		
192	TRS	TAN		cgs		NO	NO		
195	TRS	TAN gray		cgs		yes	NO		
198	TRS	TAN gray		mgs		NO	NO		
201	TRS	gray TAN		mgs		NO	NO		
204	TRS	gray		cgs		yes	NO		
207	TRS	gray		cgs		NO	NO		
210	TRS	TAN		cgs		NO	NO		
213	TRS	TAN		cgs		NO	NO		
216	TRS	TAN		cgs		NO	NO		
219	TRS	TAN		mgs		NO	NO		
222	TRS	TAN		mgs		NO	NO		
225	TRS	gray		mgs		NO	NO	.07 MR	
228	TRS	gray		mgs		NO	NO	1.02% U_3O_8 contact	
231	TRM	Red		fgs		NO	NO		
234									
237									
240									

ORE _____ HOLE NO. 25 FAV. ___
MIN. _____ UNFAV. ___
BARREN _____

MOAB, UTAH

CONTRACT Minerals Engr. Co.
LOCALITY Marble Canyon CLAIM E.P. #8
COLLAR ELEV. 0 DEPTH _____
DATE STARTED 3-29-54
DATE COMPLETED 3-
LOGGED BY Rhoades DATE _____

DEPTH	GEOLOGIC COL.	COLOR	BEDDING	TEXTURE	CHEM. ASSAY	CARBON	ORE MINERALS	MISCEL.	DEPTH
123	TRS	TAN		MGS		NO	NO		
126	TRS	TAN		MGS		NO	NO		
129	TRS	TAN		MGS		NO	NO		
132	TRS	✓							
135	TRS	✓							
138	TRS	✓							
141	TRS							obn. no charge Lost 72' steel	
								on second attempt to put hole down lost air twice. gave hole up. Charged with 26' 98' 124'	

ORE _____ HOLE NO. 26 FAV. X

MIN. X UNFAV. ____

BARREN _____

MOAB, UTAH

CONTRACT Minerals Engineering

LOCALITY Marble Canyon CLAIM El Paquita #8

COLLAR ELEV. 0 DEPTH 68'

DATE STARTED April 1 1954

DATE COMPLETED April 1 1954

LOGGED BY Rhoades DATE April 1 1954

DEPTH	GEOLOGIC COL.	COLOR	BEDDING	TEXTURE	CHEM. ASSAY	CARBON	ORE MINERALS	MISCEL.	DEPTH
0									
3	TRS	TAN		CGS		NO	NO		
6	TRS	TAN		CGS		NO	NO		
9	TRS	TAN		CGS		NO	NO		
12	TRS	TAN		CGS MS		NO	NO		
15	TRS	TAN		CGS		NO	NO		
18	TRS	TAN		CGS		NO	NO		
21	TRS	TAN		MGS		NO	NO		
24	TRS	TAN		MGS		NO	NO		
27	TRS	TAN		MS CGS		NO	NO		
30	TRS	TAN		CGS		NO	NO		
33	TRS	TAN		MGS		NO	NO		
36	TRS	TAN		MGS		NO	NO		
39	TRS	BRN TAN		MGS		NO	NO		
42	TRS	TAN		CGS		NO	NO		
45	TRS	TAN		MGS		NO	NO		
48	TRS	TAN		MGS		NO	NO		
51	TRS	TAN		MGS		NO	NO		
54	TRS	TAN		MGS		NO	NO		
57	TRS	TAN		MGS		NO	NO		
60	TRS	BRN gray		MGS		NO	NO		
63	TRS	TAN		CGS		NO	NO		
66	TRS	TAN BRN		CGS MS		NO	NO	1 ft. with coal	
68	TRS	BRN		MS		NO	NO	contact	
69	TRM								
72									
75									
78									
81									
84									
87									
90									
93									
96									
99									
102									
105									
108									
111									
114									
117									
120									

ORE _____ HOLE NO. 27 FAV. X

MIN. X _____ UNFAV. _____

BARREN _____

MOAB, UTAH

CONTRACT Minerals Engineering

LOCALITY Marble Canyon CLAIM El Pequito #24

COLLAR ELEV. 0 DEPTH 70'

DATE STARTED April 1, 1954

DATE COMPLETED April 1, 1954

LOGGED BY Rhodes DATE April 1, 1954

DEPTH	GEOLOGIC COL.	COLOR	BEDDING	TEXTURE	CHEM. ASSAY	CARBON	ORE MINERALS	MISCEL.	DEPTH
0									
3	TRS	TAN		cgs		NO	NO		
6	TRS	TAN		cgs		NO	NO		
9	TRS	TAN		cgs		NO	NO		
12	TRS	TAN		cgs		NO	NO		
15	TRS	TAN		cgs		NO	NO		
18	TRS	TAN		cgs		NO	NO		
21	TRS	?							
24	TRS	?							
27	TRS	?							
30	TRS	?							
33	TRS	?							
36	TRS	?							
39	TRS	?							
42	TRS	?							
45	TRS	TAN		cgs		NO	NO		
48	TRS	TAN		cgs		NO	NO		
51	TRS	TAN		cgs		NO	NO		
54	TRS	TAN		cgs		NO	NO		
57	TRS	TAN		cgs		NO	NO		
60	TRS	TAN		mgs		NO	NO		
63	TRS	TAN		mgs		NO	NO		
66	TRS	TAN		mgs		NO	NO	1 ft. weak count .10	
69	TRS	TAN		mgs		NO	NO		
70								contact	
72	TRm	Red		fgs		NO	NO?		
75									
78									
81									
84									
87									
90									
93									
96									
99									
102									
105									
108									
111									
114									
117									
120									

ORE _____ HOLE NO. 28 FAV. ✓

MIN. X UNFAV. ____

BARREN _____

MOAB, UTAH

CONTRACT Minerals Engineering

LOCALITY Marble Canyon CLAIM E.P. #10

COLLAR ELEV. 0 DEPTH 81' (153')

DATE STARTED April 2, 1954

DATE COMPLETED April 2, 1954

LOGGED BY Rhoades DATE April 2, 1954

DEPTH	GEOLOGIC COL.	COLOR	BEDDING	TEXTURE	CHEM. ASSAY	CARBON	ORE MINERALS	MISCEL.	DEPTH
0									
3	TRS	TAN		CGS		NO	NO		
6	TRS	TAN		CGS		NO	NO		
9	TRS	TAN		MGS		NO	NO		
12	TRS	TAN		MGS		NO	NO		
15	TRS	TAN		MGS		NO	NO		
18	TRS	TAN		MGS MS		NO	NO		
21	TRS	TAN		MGS		NO	NO		
24	TRS	TAN		MGS		NO	NO		
27	TRS	TAN		CGS		NO	NO		
30	TRS	TAN		CGS		NO	NO		
33	TRS	TAN		CGS		NO	NO		
36	TRS	TAN		CGS		NO	NO		
39	TRS	TAN		CGS		NO	NO		
42	TRS	TAN		CGS		NO	NO		
45	TRS	TAN		CGS		NO	NO		
48	TRS	TAN		CGS		NO	NO		
51	TRS	TAN		CGS		NO	NO		
54	TRS	TAN		CGS		NO	NO		
57	TRS	TAN		MGS		NO	NO		
60	TRS	TAN		MGS CGS		NO	NO		
63	TRS	TAN		CGS		NO	NO		
66	TRS	TAN		MGS		NO	NO		
69	TRS	TAN		MGS		NO	NO		
72	TRS	TAN		CGS		NO	NO		
75	TRS	TAN		CGS		NO	NO		
78	TRS	TAN		MGS		NO	NO	.10-.20 MR 2.5': .05-.10% U_3O_8	
80	TRS	BTN		MS		NO	NO	Weak Count	
81	TRM	Red		CGS		NO	NO	contact ↑	
84									
87								81' bottom 33' cave 39' cave 153'	
90									

ORE _____ HOLE NO. 29 FAV. X

MIN. X UNFAV. ____

BARREN _____

MOAB, UTAH

CONTRACT Minerals Engineering

LOCALITY Moab Canyon CLAIM E.P. 9

COLLAR ELEV. 0 DEPTH 111'

DATE STARTED April 1, 1954

DATE COMPLETED 4-1-54

LOGGED BY [illegible] DATE 4-1-54

DEPTH	GEOLOGIC COL.	COLOR	BEDDING	TEXTURE	CHEM. ASSAY	CARBON	ORE MINERALS	MISCEL.	DEPTH
0–3	TRS	Tan		v.c.gr. S.S.		no	no		
3–6	TRS	Tan		v.c.gr. S.S.		no	no		
6–9	TRS	Tan		v.c.gr. S.S.		no	no		
9–12	TRS	Tan		v.c.gr. S.S.		no	no		
12–15	TRS	Tan		v.c.gr. S.S.		no	no		
15–18	TRS	Tan		v.c.gr. S.S.		no	no		
18–21	TRS	Tan		v.c.gr. S.S.		no	no		
21–24	TRS	Lt. Brn		v.c.gr. S.S.		no	no		
24–27	TRS	Tan		v.c.gr. S.S.		no	no		
27–30	TRS	Tan		v.c.gr. S.S.		no	no		
30–33	TRS	Tan		v.c.gr. S.S.		no	no		
33–36	TRS	Tan		v.c.gr. S.S.		no	no		
36–39	TRS	Tan		v.c.gr. S.S.		no	no		
39–42	TRS	Tan Brn		v.c.gr. S.S.		no	no		
42–45	TRS	Tan		v.c.gr. S.S.		no	no		
45–48	TRS	Lt Brn		v.c.gr. S.S. M.gr.SS		no	no		
48–51	TRS	Lt Brn		v.c.gr. S.S. M.gr.SS		no	no		
51–54	TRS	Lt Brn		v.c.gr. S.S. M.gr.SS		no	no		
54–57	TRS	Tan		v.c.gr. S.S. congl.		no	no		
57–60	TRS	Tan Lt grey		v.c.gr. S.S. congl.		no	no		
60–63	TRS	grey Tan		v.c.gr. S.S.		no	no		
63–66	TRS	Lt. Brn		v.c.gr. S.S. congl.		no	no		
66–69	TRS	Lt. Brn		v.c.gr. S.S.		no	no		
69–72	TRS	Tan Lt. Brn.		v.c.gr. S.S.		no	no		
72–75	TRS	Lt. Brn		M.gr. S.S. C.gr.SS		no	no		
75–78	TRS	Lt. Brn.		M.gr. C.gr.SS		no	no		
78–81	TRS	Lt. Brn.		c.gr. S.S.		no	no		
81–84	TRS	Lt Brn		c.gr. S.S.		no	no		
84–87	TRS	Lt Brn		c.gr. S.S. v.c.gr. S.S.		no	no		
87–90	TRS	Lt. Brn		c.gr.SS.		no	no		
90–93	TRS	Lt. Brn		c.gr.SS v.c.gr. S.S.		no	no		
93–96	TRS	Lt. Brn.		c.gr.SS v.c.gr. S.S. congl.		no	no		
96–99	TRS	Brn. Dk. Brn		v.c.gr. S.S. M.gr.SS		no	no		
99–102	TRS	Brn. Dk. Brn		v.c.gr. S.S.		no	no		
102–105	TRS	Brn Dk. Brn		c.gr.SS. v.c.gr. S.S. congl.		no	no	.07–.18 MR 2.0 .01–.05 %U3O8	
105–108	TRS Tan	Dk. Brn Tan		c.gr.SS silt stone		no no	no no	TRS Tan	106'
108–111	TRS	red		v.f.gr. S.S. soft.		no	no		
111–114									
114–117									
117–120									

ORE _____ HOLE NO. 30 FAV. ✓

MIN. ✓ _____ UNFAV. _____

BARREN _____

MOAB, UTAH

CONTRACT Minerals Engineering

LOCALITY Marble Canyon CLAIM E.P. #2

COLLAR ELEV. 0 DEPTH 69'

DATE STARTED April 2, 1954

DATE COMPLETED April 2, 1954

LOGGED BY Thrasher DATE April 2, 1954

DEPTH	GEOLOGIC COL.	COLOR	BEDDING	TEXTURE	CHEM. ASSAY	CARBON	ORE MINERALS	MISCEL.	DEPTH
0									
3	TRS	TAN		MQS		NO	NO		
6	TRS	TAN		CQS		NO	NO		
9	TRS	TAN		CQS		NO	NO		
12	TRS	TAN		CQS		NO	NO		
15	TRS	TAN		CQS		NO	NO		
18	TRS	TAN		CQS		NO	NO		
21	TRS	TAN		MQS		NO	NO		
24	TRS	TAN		MQS		NO	NO		
27	TRS	TAN		MQS		NO	NO		
30	TRS	TAN		MQS		NO	NO		
33	TRS	TAN		MQS		NO	NO		
36	TRS	TAN		MQS		NO	NO		
39	TRS	TAN		MQS		NO	NO		
42	TRS	TAN		CQS		NO	NO		
45	TRS	TAN		CQS		NO	NO		
48	TRS	TAN		CQS		NO	NO		
51	TRS	TAN		MQS MS		YQS	NO		
54	TRS	TAN		MQS		NO	NO		
57	TRS	TAN		MQS		NO	NO		
60	TRS	TAN		MQS		NO	NO		
63	TRS	TAN		MQS MS		NO	NO		
66	TRS	TAN		MQS		NO	NO	.07-.20 MR	
68	TRS	TAN		MS		NO	NO	4'.01-.10% U_3O_8 weak count	
69	TRS	Red		FQS				content ↑	

ORE _____ HOLE NO. 31 FAV. X

MIN. X → UNFAV. ___

BARREN _____

MOAB, UTAH

CONTRACT Minerals Engr. Co.

LOCALITY Marble Canyon CLAIM Feb'6 #8

COLLAR ELEV. 0 DEPTH 42'

DATE STARTED 4-3-54

DATE COMPLETED 4-3-54

LOGGED BY McCarty DATE 4-3-54

DEPTH	GEOLOGIC COL.	COLOR	BEDDING	TEXTURE	CHEM. ASSAY	CARBON	ORE MINERALS	MISCEL.	DEPTH
0									
	Trc	red		c.gr. s.s.		no	no		
3	Trc	dark grey Bro		c.gr. s.s.		no	no		
6	Trs	Tan Bro		c.gr. s.s. congl.		no	no		
9	Trs	Tan Bro		c.gr. s.s. silt		no	no		
12	Trs	Tan		r.c.gr. s.s. congl.		no	no		
15	Trs	Tan grey		c.gr. s.s. silt		no	no		
18	Trc	Tan grey		c.gr. s.s. silt		no	no		
21	Trs	grey Tan		silt c.gr. s.s.		no	no		
24	Trs	Tan		c.gr. s.s.		no	no		
27	Trs	Tan		c.gr. s.s. congl.		no	no		
30	Trs	dk. Bro		c.gr. s.s. congl.		no	no		
33	Trs.	dk. Bro. Tan		c.gr. s.s. silt		no	no	.07-.10 MR 6" .01% V_2O_5 Trs	
36	Trm	grey red Bro.		silt		no	no	Trm	
39	Trm	Bro red		silt		no	no		
42								42'	
45									
48									
51									
54									
57									
60									
63									
66									
69									
72									
75									
78									
81									

ORE _____ HOLE NO. 32 FAV. X

MIN. X UNFAV. ___

BARREN _____

MOAB, UTAH

CONTRACT Minerals Engr. Co.

LOCALITY Marble Canyon CLAIM Fish #9

COLLAR ELEV. 0 DEPTH 63'

DATE STARTED 4-3-54

DATE COMPLETED 4-3-54

LOGGED BY McCary DATE 4-3-54

DEPTH	GEOLOGIC COL.	COLOR	BEDDING	TEXTURE	CHEM. ASSAY	CARBON	ORE MINERALS	MISCEL.	DEPTH
0									
	Trc	blue		M.gr. S.S.		no	no		
3									
	Trc	blue grey		M.gr. S.S.		no	no		
6									
	Trc	grey		M.gr. S.S.		no	no		
9									
	Trs	LT Brn		c.gr. S.S.		no	no		
12									
	Trs	LT. Brn		c.gr. S.S.		no	no		
15									
	Trs	Brn		v.c.gr. S.S. congl.		no	no		
18									
	Trs	LT. Brn grey		v.c.gr. S.S. congl.		no	no	count	
21									
	Trs	Brn		c.grss congl.		no	no		
24									
	Trs	grey Brn		c.gr. S.S.		no	no		
27									
	Trs	Tan LT. grey		v.c.gr. S.S.		no	no		
30									
	Trs	LT. grey		v.c.gr. S.S. silt		no	no		
33									
	Trs	LT. Brn.		v.c.gr. S.S. congl.		no	no		
36									
	Trs	LT. Brn. grey		v.c.gr. S.S.		no	no		
39									
	Trs	grey Tan		v.c.gr. S.S. congl		no	no		
42									
	Trs	Tan grey		c.gr. S.S. v.c.gr.ss.		no	no		
45									
	Trs	grey Brn		c.gr. S.S.		no	no		
48								.06 - .10 MR 16" .01% Cu	
	Trs	Tan		M.gr. S.S.		no	no	Trs	49'
51								Trm	
	Trm	grey		f.gr. S.S.					
	Trm	grey		f.gr. S.S.		no	no		
54									
	Trm	grey		f.gr. S.S.		no	no		
57									
	Trm	grey red		f.gr. S.S.		no	no		
60									
	Trm	red		f.gr. S.S. silt		no	no		
63									63'

ORE _____ HOLE No. 33 FAV. ____

MIN. _____ UNFAV. ____

BARREN _____

MOAB, UTAH

CONTRACT Minerals Engineering

LOCALITY Mendelo Canyon CLAIM Fehlyn #19

COLLAR ELEV. 0 DEPTH 109'

DATE STARTED April 4, 1954

DATE COMPLETED April 4, 1954

LOGGED BY Thwaite DATE April 4, 1954

DEPTH	GEOLOGIC COL.	COLOR	BEDDING	TEXTURE	CHEM. ASSAY	CARBON	ORE MINERALS	MISCEL.	DEPTH
0									
3	TRS	TAN		CGS		NO	NO	✓	
6	TRS	TAN		CGS		NO	NO	✓	
9	TRS	TAN		CGS		NO	NO	✓	
12	TRS	TAN		CGS MS		NO	NO	✓	
15	TRS	TAN		CGS MS		NO	NO	✓	
18	TRS	TAN		CGS		NO	NO	✓	
21	TRS	TAN		CGS		NO	NO	✓	
24	TRS	TAN		CGS		NO	NO	✓	
27	TRS	TAN		CGS		NO	NO	✓	
30	TRS	TAN		CGS		NO	NO	✓	
33	TRS	TAN		CGS		NO	NO	✓ stuck steel	
36	TRS	TAN		MGS		NO	NO		
39	TRS	TAN		MGS		NO	NO	✓	
42	TRS	TAN		MGS		NO	NO	✓	
45	TRS	TAN		MGS		NO	NO	✓ lost air	
48	TRS	TAN		MGS		NO	NO		
51	TRS	TAN		MGS		NO	NO		
54	TRS	TAN		MGS		NO	NO		
57	TRS	TAN		MGS		NO	NO		
60	TRS	?							
63	TRS	?						lost air	
66									
69									
72								63' 46 108'	
75									
78									
81									
84									
87									
90									
93									
96									
99									
102									
105									
108									
111									
114									
117									
120									

ORE _____ HOLE NO. 34 FAV. ✓

MIN. _____ UNFAV. ___

BARREN _____

MOAB, UTAH

CONTRACT Minerals Engineering

LOCALITY Marble canyon CLAIM Fehfu #5

COLLAR ELEV. 0 DEPTH 33'

DATE STARTED april 4, 1954

DATE COMPLETED april 4, 1954

LOGGED BY Thoeder DATE april 4, 1954

DEPTH	GEOLOGIC COL.	COLOR	BEDDING	TEXTURE	CHEM. ASSAY	CARBON	ORE MINERALS	MISCEL.	DEPTH
0									
3	TRS	TAN		CGS		NO	NO		
6	TRS	TAN		CGS		NO	NO		
9	TRS	TAN		CGS		NO	NO		
12	TRS	TAN		MGS		NO	NO		
15	TRS	TAN		MGS		NO	NO		
18	TRS	TAN		MGS MS		NO	NO		
21	TRS	TAN		MGS MS		NO	NO		
24	TRS	TAN		MGS		NO	NO		
27	TRS	TAN		MGS		NO	NO		
30	TRS	TAN		MGS		NO	NO		
								contact A	
33	TRM	Red		FGS		NO	NO		
36									
39									
42									
45									
48									
51									
54									
57									
60									
63									
66									
69									
72									
75									
78									
81									
84									
87									
90									
93									
96									
99									
102									
105									
108									
111									
114									
117									
120									

ORE _____ HOLE NO. 35 FAV. ✓

MIN. _____ UNFAV. ____

BARREN _____

MOAB, UTAH

CONTRACT Minerals Engineering

LOCALITY Marble Canyon CLAIM Felix #6

COLLAR ELEV. 0 DEPTH 30'

DATE STARTED April 4, 1954

DATE COMPLETED April 4, 1954

LOGGED BY Rhoades DATE April 4, 1954

DEPTH	GEOLOGIC COL.	COLOR	BEDDING	TEXTURE	CHEM. ASSAY	CARBON	ORE MINERALS	MISCEL.	DEPTH
0									
3	TRS	TAN		cgs		NO	NO		
6	TRS	TAN		cgs		NO	NO		
9	TRS	TAN		cgs		NO	NO		
12	TRS	TAN		mgs		NO	NO		
15	TRS	TAN		mgs		NO	NO		
18	TRS	TAN		mgs		NO	NO		
21	TRS	TAN		mgs		NO	NO		
24	TRS	TAN		mgs		NO	NO		
27	TRS	TAN		mgs MS		NO	NO		
28									
30	TRM	Red		Fgs		NO	NO	Contact ↑	
33									
36									
39									
42									
45									
48									
51									
54									
57									
60									
63									
66									
69									
72									
75									
78									
81									
84									
87									
90									
93									
96									
99									
102									
105									
108									
111									
114									
117									
120									

ORE _____ HOLE NO. 36 FAV. ✓
MIN. _____ UNFAV. ___
BARREN _____

MOAB, UTAH

CONTRACT Minerals Engineering
LOCALITY Marble Canyon CLAIM Echfam #7
COLLAR ELEV. 0 DEPTH 30'
DATE STARTED April 4, 1954
DATE COMPLETED April 4, 1954
LOGGED BY Rhoades DATE April 4, 1954

DEPTH	GEOLOGIC COL.	COLOR	BEDDING	TEXTURE	CHEM. ASSAY	CARBON	ORE MINERALS	MISCEL.	DEPTH
0									
3	TRS	TAN		MGS		NO	NO		
6	TRS	TAN		MGS		NO	NO		
9	TRS	TAN		MGS		NO	NO		
12	TRS	TAN		CGS		NO	NO		
15	TRS	TAN		MGS		NO	NO		
18	TRS	TAN		MGS		NO	NO		
21	TRS	TAN		CGS		NO	NO		
24	TRS	TAN		MGS MS		NO	NO		
	TRS	TAN		MS		NO	NO		
27								contact	
30	TRM	Red		FGS		NO	NO		
33									
36									
39									
42									
45									
48									
51									
54									
57									
60									
63									
66									
69									
72									
75									
78									
81									
84									
87									
90									
93									
96									
99									
102									
105									
108									
111									
114									
117									
120									

ORE _____ HOLE NO. 37 FAV. ✓

MIN. _____ UNFAV. ____

BARREN _____

MOAB, UTAH

CONTRACT Minerals Engineering

LOCALITY Marble Canyon CLAIM Fehfu 3

COLLAR ELEV. 0 DEPTH 18'

DATE STARTED April 5, 1954

DATE COMPLETED April 5, 1954

LOGGED BY Rhoades DATE April 5, 1954

DEPTH	GEOLOGIC COL.	COLOR	BEDDING	TEXTURE	CHEM. ASSAY	CARBON	ORE MINERALS	MISCEL.	DEPTH
0									
3	TRS	TAN		CGS		NO	NO		
6	TRS	TAN		CGS		NO	NO		
9	TRS	TAN		CGS		NO	NO		
12	TRS	TAN		CGS		NO	NO		
15	TRS	TAN		CGS		NO	NO		
18	TRM	Red		FGS		NO	NO	Contact ↑	
21									
24									
27									
30									
33									
36									
39									
42									
45									
48									
51									
54									
57									
60									
63									
66									
69									
72									
75									
78									
81									
84									
87									
90									
93									
96									
99									
102									
105									
108									
111									
114									
117									
120									

ORE _____ HOLE NO. 38 FAV. ✓

MIN. _____ UNFAV. ____

BARREN _____

MOAB, UTAH

CONTRACT Minerals Engineering

LOCALITY Marble Canyon CLAIM Fehfer #12

COLLAR ELEV. 0 DEPTH 39'

DATE STARTED 4-5-54

DATE COMPLETED 4-5-54

LOGGED BY Rhoades DATE 4-5-54

DEPTH	GEOLOGIC COL.	COLOR	BEDDING	TEXTURE	CHEM. ASSAY	CARBON	ORE MINERALS	MISCEL.	DEPTH
0									
3	TRC	Red		fgs		NO	NO		
6	TRS	TAN		cgs		NO	NO		
9	TRS	TAN		cgs		NO	NO		
12	TRS	TAN		cgs		NO	NO		
15	TRS	TAN		cgs		NO	NO		
18	TRS	TAN		cgs		NO	NO		
21	TRS	TAN		cgs		NO	NO		
24	TRS	TAN		cgs		NO	NO		
27	TRS	TAN		cgs		NO	NO		
30	TRS	TAN		cgs		NO	NO		
33	TRS	TAN		cgs		NO	NO		
36	TRS	TAN		cgs		NO	NO		
37									
39	TRM	gray red		fgs		NO	NO	contact ↑	
42									
45									
48									
51									
54									
57									
60									
63									
66									
69									
72									
75									
78									
81									
84									
87									
90									
93									
96									
99									
102									
105									
108									
111									
114									
117									
120									

ORE _____ HOLE NO. 39 FAV. ✓

MIN. _____ UNFAV. ___

BARREN _____

MOAB, UTAH

CONTRACT Minerals Engr. Co.

LOCALITY Marble Canyon CLAIM Fehto #4

COLLAR ELEV. 0 DEPTH 16'

DATE STARTED 4-5-54

DATE COMPLETED 4-5-54

LOGGED BY McCary DATE 4-5-54

DEPTH	GEOLOGIC COL.	COLOR	BEDDING	TEXTURE	CHEM. ASSAY	CARBON	ORE MINERALS	MISCEL.	DEPTH
0									
3	TRS	TAN		CGS		NO	NO		
6	TRS	TAN		CGS		NO	NO		
9	TRS	TAN		CGS		NO	NO		
12	TRS	TAN		BGS MS		NO	NO		
15	TRS	TAN		CGS MS		NO	NO		
16	TRM	Red		FGS		NO	NO	Contact [redacted]	
18									
21									
24									
27									
30									
33									
36									
39									
42									
45									
48									
51									
54									
57									
60									

ORE _____ HOLE NO. 40 FAV. ✓

MIN. _____ UNFAV. _____

BARREN _____

MOAB, UTAH

CONTRACT Minerals Engineering

LOCALITY Marble Canyon CLAIM Fehfu #2

COLLAR ELEV. 0 DEPTH 54'

DATE STARTED 4-5-54

DATE COMPLETED 4-5-54

LOGGED BY Phoades DATE 4-5-54

DEPTH	GEOLOGIC COL.	COLOR	BEDDING	TEXTURE	CHEM. ASSAY	CARBON	ORE MINERALS	MISCEL.	DEPTH
0									
3	TRS	TAN		MQS		NO	NO		
6	TRS	TAN		CQS		NO	NO		
9	TRS	TAN		CQS		NO	NO		
12	TRS	TAN		CQS		NO	NO		
15	TRS	TAN		MQS		NO	NO		
18	TRS	TAN		MQS		NO	NO		
21	TRS	TAN		MQS		NO	NO		
24	TRS	TAN		MQS		NO	NO		
27	TRS	TAN		MQS		NO	NO		
30	TRS	TAN		MQS		NO	NO		
33	TRS	TAN		MQS		NO	NO		
36	TRS	TAN		MQS		NO	NO		
39	TRS	TAN		MQS		NO	NO		
42	TRS	TAN		MQS		NO	NO		
45	TRS	TAN		MQS		NO	NO		
48	TRS	TAN		MQS		NO	NO		
51	TRS	TAN		CQS		NO	NO		
53'11" 54	TRS	BRN		MS		NO		Weak Carnot contact ↑	
57									
60									
63									
66									
69									
72									
75									
78									
81									
84									
87									
90									
93									
96									
99									
102									
105									
108									
111									
114									
117									
120									

ORE _____ HOLE NO. 41 FAV. ✓

MIN. _____ UNFAV. ____

BARREN _____

MOAB, UTAH

CONTRACT Minerals Engineering

LOCALITY Marble canyon CLAIM Fedfu #1

COLLAR ELEV. 0 DEPTH 51' (102')

DATE STARTED 4-5-54

DATE COMPLETED 4-5-54

LOGGED BY Rhoades DATE 4-5-54

DEPTH	GEOLOGIC COL.	COLOR	BEDDING	TEXTURE	CHEM. ASSAY	CARBON	ORE MINERALS	MISCEL.	DEPTH
0									
3	TRS	TAN		MQS		NO	NO		
6	TRS	TAN		MQS		NO	NO		
9	TRS	TAN		MQS		NO	NO		
12	TRS	TAN		MQS		NO	NO		
15	TRS	TAN		MQS		NO	NO		
18	TRS	TAN		MQS					
21	TRS	TAN		MQS		NO	NO		
24	TRS	TAN		MQS		NO	NO		
27	TRS	TAN		MQS		NO	NO		
30	TRS	TAN		MQS		NO	NO		
33	TRS	TAN		MQS		NO	NO	weak count	
36	TRS	TAN		MQS		NO	NO		
39	TRS	TAN		MQS		NO	NO		
42	TRS	TAN		MQS		NO	NO		
45	TRS	TAN		MS MQS		NO	NO		
48	TRS	TAN		MQS MS		NO	NO		
51	TRS	Red		FQS		NO	NO	constant last air	
54									
57									
60									
63									
66									
69									
72									
75									
78									
81									
84									
87									
90									
93									
96									
99									
102									
105									
108									
111									
114									
117									
120									

ORE _____ HOLE NO. 42 FAV. ✓

MIN. _____ UNFAV. _____

BARREN _____

MOAB, UTAH

CONTRACT Minerals Engineering

LOCALITY Maddle Canyon CLAIM E.C. #10

COLLAR ELEV. 0 DEPTH 66

DATE STARTED 4-6-54

DATE COMPLETED 4-6-54

LOGGED BY Rhoades DATE 4-6-54

DEPTH	GEOLOGIC COL.	COLOR	BEDDING	TEXTURE	CHEM. ASSAY	CARBON	ORE MINERALS	MISCEL.	DEPTH
0									
3	TRC	TAN		FgS		NO	NO		
6	TRS	TAN		MgS		NO	NO		
9	TRS	TAN		CgS		NO	NO		
12	TRS	TAN		CgS		NO	NO		
15	TRS	TAN		CgS		NO	NO		
18	TRS	TAN		CgS		NO	NO		
21	TRS	TAN		MgS		NO	NO		
24	TRS	TAN		MgS		NO	NO		
27	TRS	TAN		MgS		NO	NO		
30	TRS	TAN		MgS		NO	NO		
33	TRS	TAN		MgS		NO	NO		
36	TRS	TAN		MgS		NO	NO		
39	TRS	TAN		MgS		NO	NO		
42	TRS	TAN		MgS		NO	NO		
45	TRS	TAN		MgS		NO	NO		
48	TRS	TAN		MgS		NO	NO		
51	TRS	TAN		MgS		NO	NO		
52								Weak Count	
54	TRS	TAN		FgS		NO	NO	Contact ↑	
57	TRS	TAN		FgS		NO	NO		
60	TRS	TAN		FgS		NO	NO		
63	TRS	TAN		FgS		NO	NO		
66	TRM	Red		FgS		NO	NO		
69									
72									
75									
78									
81									
84									
87									
90									
93									
96									
99									
102									
105									
108									
111									
114									
117									
120									

ORE _____ HOLE NO. 43 FAV. ____
MIN. _____ UNFAV. ____
BARREN _____

MOAB, UTAH

CONTRACT Minerals Engineering
LOCALITY Marble Canyon CLAIM Felfer #3
COLLAR ELEV. 0 DEPTH 12'
DATE STARTED 4-6-54
DATE COMPLETED 4-6-54
LOGGED BY Rhoades DATE 4-6-54

DEPTH	GEOLOGIC COL.	COLOR	BEDDING	TEXTURE	CHEM. ASSAY	CARBON	ORE MINERALS	MISCEL.	DEPTH
0									
3	TRS	TAN		MGS		NO	NO		
6	TRS	TAN		CGS		NO	NO		
9	TRS	TAN		MS CGS		NO	NO	Contact ↑	
12	TRM	Red		CGS		NO	NO		
15									
18									
21									
24									
27									
30									
33									
36									
39									
42									
45'									
48									
51									
54									
57									
60									

ORE _____ HOLE NO. 44 FAV. ____

MIN. _____ UNFAV. ____

BARREN _____

MOAB, UTAH

CONTRACT Minerals Engineering

LOCALITY Moab Canyon CLAIM Elbfu #3

COLLAR ELEV. 0 DEPTH 15'

DATE STARTED 4-6-54

DATE COMPLETED 4-6-54

LOGGED BY Thomas DATE 4-6-54

DEPTH	GEOLOGIC COL.	COLOR	BEDDING	TEXTURE	CHEM. ASSAY	CARBON	ORE MINERALS	MISCEL.	DEPTH
0									
3	TRS	TAN		MGS		NO	NO		
6	TRS	TAN		MGS		NO	NO		
9	TRS	TAN		CGS		NO	NO		
11								Contact	
12	TRM	Red		FGS		NO	NO		
15	TRM	Red		FGS		NO	NO		
18									
21									
24									
27									
30									
33									
36									
39									
42									
45									
48									
51									
54									
57									
60									

ORE _____ HOLE NO. 45 FAV. ____

MIN. _____ UNFAV. ____

BARREN _____

MOAB, UTAH

CONTRACT Minerals Engineering

LOCALITY Marble Canyon CLAIM Fehfu #3

COLLAR ELEV. 0 DEPTH 9

DATE STARTED 4-6-54

DATE COMPLETED 4-6-54

LOGGED BY Rhoads DATE 4-6-54

DEPTH	GEOLOGIC COL.	COLOR	BEDDING	TEXTURE	CHEM. ASSAY	CARBON	ORE MINERALS	MISCEL.	DEPTH
0									
3	TRc	Red		FgS		NO	NO		
6	TRm	Red		FgS		NO	NO		
9	TRm	Red		FgS		NO	NO		
12									
15									
18									
21									
24									
27									
30									

ORE _____ HOLE NO. 46 FAV. ____

MIN. _____ UNFAV. ____

BARREN _____

MOAB, UTAH

CONTRACT Minerals Engineering

LOCALITY Marble Canyon CLAIM Felsen #3

COLLAR ELEV. 0 DEPTH 18'

DATE STARTED 4-6-54

DATE COMPLETED 4-6-54

LOGGED BY Thooler DATE 4-6-54

DEPTH	GEOLOGIC COL.	COLOR	BEDDING	TEXTURE	CHEM. ASSAY	CARBON	ORE MINERALS	MISCEL.	DEPTH
0									
3	TRS	TAN		CGS		NO	NO		
6	TRS	TAN		CGS		NO	NO		
9	TRS	TAN		MGS		NO	NO		
12	TRS	TAN		MGS		NO	NO.		
15	TRS	TAN		MGS MS		NO	NO		
18	TRM	red		MS FGS		NO	NO	~~content~~	
21									

ORE _____ HOLE NO. 47 FAV. ✓

MIN. _____ UNFAV. _____

BARREN _____

MOAB, UTAH

CONTRACT Minerals Engineering

LOCALITY Marble Canyon CLAIM FEHFU #3

COLLAR ELEV. 0 DEPTH 48'

DATE STARTED 4-6-54

DATE COMPLETED 4-6-54

LOGGED BY Rhoades DATE 4-6-54

DEPTH	GEOLOGIC COL.	COLOR	BEDDING	TEXTURE	CHEM. ASSAY	CARBON	ORE MINERALS	MISCEL.	DEPTH
0									
3	TRS	TAN		MQS		NO	NO		
6	TRS	TAN		CQS		NO	NO		
9	TRS	TAN		CQS		NO	NO		
12	TRS	TAN		CQS		NO	NO		
15	TRS	TAN		MQS		NO	NO		
18	TRS	TAN		MQS		NO	NO		
21	TRS	TAN		MQS		NO	NO		
24	TRS	TAN		MQS		NO	NO		
27	TRS	TAN		MQS		NO	NO		
30	TRS	TAN		CQS		NO	NO		
33	TRS	TAN		CQS		NO	NO	weak count	
36	TRS	TAN		CQS MS		NO	NO	" 2 "	
39	TRS	TAN		MQS MS		NO	NO	" 3 "	
42	TRM	TAN		MQS		NO	NO	compact " 4	
45	TRM	TAN		FQS		NO	NO		
48	TRM	Red TAN		FQS		NO	NO		
51									
54									
57									
60									
63									
66									
69									
72									
75									
78									
81									

ORE _____ HOLE NO. 48 FAV. ✓

MIN. _____ UNFAV. _____

BARREN _____

MOAB, UTAH

CONTRACT Minerals Engineering

LOCALITY Marble Canyon CLAIM FEH FU #3

COLLAR ELEV. 0 DEPTH 36'

DATE STARTED 4-6-54

DATE COMPLETED 4-6-54

LOGGED BY T Rhoades DATE 4-6-54

DEPTH	GEOLOGIC COL.	COLOR	BEDDING	TEXTURE	CHEM. ASSAY	CARBON	ORE MINERALS	MISCEL.	DEPTH
0									
3	TRS	TAN		cgs		NO	NO		
6	TRS	TAN		cgs		NO	NO		
9	TRS	TAN		cgs MS		NO	NO		
12	TRS	TAN		mgs MS		NO	NO		
15	TRS	TAN		mgs		NO	NO		
18	TRS	TAN		cgs		NO	NO		
21	TRS	TAN		cgs		NO	NO		
24	TRS	TAN		cgs		NO	NO		
27	TRS	TAN		cgs		NO	NO		
30	TRS	TAN		cgs		NO	NO		
	TRS	TAN		cgs				weak current contact	
33	TRm	gray		fgs		NO	NO		
36	TRm	gray		fgs		NO	NO		
39									
42									
45									
48									
51									
54									
57									
60									
63									
66									
69									
72									
75									

ORE _____ HOLE NO. 49 FAV. _____
MIN. _____ UNFAV. ✓
BARREN _____

MOAB, UTAH

CONTRACT Minerals Engineering
LOCALITY Marble Canyon CLAIM Felfer #6
COLLAR ELEV. 0 DEPTH 21
DATE STARTED 4-6-54
DATE COMPLETED 4-6-54
LOGGED BY Rhoades DATE 4-6-54

DEPTH	GEOLOGIC COL.	COLOR	BEDDING	TEXTURE	CHEM. ASSAY	CARBON	ORE MINERALS	MISCEL.	DEPTH
0									
3	TRC	Red		Fgs		NO	NO		
6	TRS	TAN		MGS		NO	NO		
9	TRS	TAN		CGS		NO	NO		
12	TRS	TAN		CGS		NO	NO		
15	TRS	TAN		CGS		NO	NO		
18	TRS	TAN		CGS		NO	NO		
21	TRS	TAN		CGS		NO	NO	Caved	
24								stuck steel	
								hot air	
27									
30									

50

ORE _____ HOLE NO. [redacted] FAV. _____

MIN. _____ UNFAV. ✓

BARREN _____

MOAB, UTAH

CONTRACT Minerals Engineering

LOCALITY Marble Canyon CLAIM E.P. 12

COLLAR ELEV. 0 DEPTH 156' (84') (72')

DATE STARTED 4-2-54

DATE COMPLETED 4-2-54

LOGGED BY Rhodes DATE 4-2-54

DEPTH	GEOLOGIC COL.	COLOR	BEDDING	TEXTURE	CHEM. ASSAY	CARBON	ORE MINERALS	MISCEL.	DEPTH
0									
3	TRS	TAN		cgs		NO	NO		
6	TRS	TAN		mgs		NO	NO		
9	TRS	TAN		cgs		NO	NO		
12	TRS	TAN		cgs		NO	NO		
15	TRS	TAN		mgs		NO	NO		
18	TRS	TAN		cgs		NO	NO		
21	TRS	TAN		cgs		NO	NO		
24	TRS	TAN		mgs		NO	NO		
27	TRS	TAN		mgs		NO	NO		
30	TRS	TAN		mgs		NO	NO		
33	TRS	TAN		mgs		NO	NO		
36	TRS	TAN		mgs		NO	NO		
39	TRS	TAN		cgs		NO	NO		
42	TRS	TAN		cgs		NO	NO		
45	TRS	TAN		cgs		NO	NO		
48	TRS	TAN		cgs		NO	NO		
51	TRS	TAN		mgs		NO	NO		
54	TRS	TAN		mgs		NO	NO		
57	TRS	TAN		cgs		NO	NO		
60	TRS	TAN		mgs		NO	NO		
63	TRS	TAN		mgs		NO	NO		
66	TRS	TAN		mgs		NO	NO		
69	TRS	TAN		mgs		NO	NO		
72	TRS	TAN		mgs		NO	NO	lost air.	
75	TRS	TAN		mgs		NO	NO		
78	TRS	TAN		mgs		NO	NO		
81	TRS	?							
84	TRS	?						lost air	
87									
90									
93									
96									
99									
102									
105									
108									
111									
114									
117									
120									
123									
126									
129									
132									
135									
138									
141									
144									
147									
150									
153									
156									
159									
162									
165									
168									
171									
174									
177									
180									
183									
186									
189									
192									
195									
198									
201									
204									
207									
210									
213									
216									
219									
222									
225									
228									
231									
234									
237									
240									

72
84
156

ORE ____ HOLE NO. 51 FAV. ✓
MIN. ✓ UNFAV. ____
BARREN ____

MOAB, UTAH

CONTRACT Minerals Engineering
LOCALITY Marble Canyon CLAIM E.P. #4
COLLAR ELEV. 0 DEPTH 111'
DATE STARTED 4-7-54
DATE COMPLETED 4-7-54
LOGGED BY Rhoades DATE 4-7-54

DEPTH	GEOLOGIC COL.	COLOR	BEDDING	TEXTURE	CHEM. ASSAY	CARBON	ORE MINERALS	MISCEL.	DEPTH
0									
3	TRS	TAN		mgs		NO	NO		
6	TRS	TAN		cgs		NO	NO		
9	TRS	TAN		cgs		NO	NO		
12	TRS	TAN		cgs		NO	NO		
15	TRS	TAN		cgs		NO	NO		
18	TRS	TAN		cgs		NO	NO		
21	TRS	TAN		cgs		NO	NO		
24	TRS	TAN		cgs		NO	NO		
27	TRS	TAN		cgs		NO	NO		
30	TRS	TAN		cgs		NO	NO		
33	TRS	TAN		mgs		NO	NO		
36	TRS	TAN		mgs		NO	NO		
39	TRS	TAN		mgs		NO	NO		
42	TRS	TAN		mgs		NO	NO		
45	TRS	TAN		mgs		NO	NO		
48	TRS	TAN		mgs		NO	NO		
51	TRS	TAN		mgs		NO	NO		
54	TRS	TAN		cgs		NO	NO		
57	TRS	TAN		cgs		NO	NO		
60	TRS	TAN		cgs		NO	NO		
63	TRS	TAN		cgs		NO	NO		
66	TRS	TAN		cgs		NO	NO		
69	TRS	TAN		cgs		NO	NO		
72	TRS	TAN		cgs		NO	NO		
75	TRS	TAN		cgs		NO	NO		
78	TRS	TAN		cgs		NO	NO		
81	TRS	TAN		cgs		NO	NO		
84	TRS	TAN		cgs		NO	NO		
87	TRS	TAN		cgs		NO	NO		
90	TRS	TAN		cgs		NO	NO		
93	TRS	TAN		cgs		NO	NO		
96	TRS	TAN		mgs		NO	NO		
99	TRS	TAN		cgs		NO	NO		
102	TRS	TAN		cgs		NO	NO		
105	TRS	TAN		cgs		NO	NO		
108	TRS	TAN		cgs		NO	NO	mech count	
111	TRS	Red		cgs		NO	NO	constant	
114									
117									
120									
123									
126									
129									
132									
135									
138									
141									
144									
147									
150									
153									
156									
159									
162									
165									
168									
171									
174									
177									
180									
183									
186									
189									
192									
195									
198									
201									
204									
207									
210									
213									
216									
219									
222									
225									
228									
231									
234									
237									
240									

ORE ____ HOLE NO. 52 FAV. ✓
MIN. ✓ UNFAV. ____
BARREN ____

MOAB, UTAH

CONTRACT Minerals Engineering
LOCALITY Marble Canyon CLAIM E.P. #4
COLLAR ELEV. 0 DEPTH 99'
DATE STARTED 4-8-54
DATE COMPLETED 4-8-54
LOGGED BY Rhoades DATE 4-8-54

DEPTH	GEOLOGIC COL.	COLOR	BEDDING	TEXTURE	CHEM. ASSAY	CARBON	ORE MINERALS	MISCEL.	DEPTH
0									
3	TRS	TAN		cgs		NO	NO		
6	TRS	TAN		cgs		NO	NO		
9	TRS	TAN		cgs		NO	NO		
12	TRS	TAN		cgs		NO	NO		
15	TRS	TAN		cgs		NO	NO		
18	TRS	TAN		cgs		NO	NO		
21	TRS	TAN		cgs		NO	NO		
24	TRS	TAN		cgs		NO	NO		
27	TRS	TAN		cgs		NO	NO		
30	TRS	TAN		cgs		NO	NO		
33	TRS	TAN		mgs		NO	NO		
36	TRS	TAN		mgs		NO	NO		
39	TRS	TAN		mgs		NO	NO		
42	TRS	TAN		mgs		NO	NO		
45	TRS	TAN		mgs		NO	NO		
48	TRS	TAN		mgs		NO	NO		
51	TRS	TAN		mgs		NO	NO		
54	TRS	TAN		cgs		NO	NO		
57	TRS	TAN		cgs		NO	NO		
60	TRS	TAN		cgs		NO	NO		
63	TRS	TAN		cgs		NO	NO		
66	TRS	TAN		cgs		NO	NO		
69	TRS	TAN		cgs		NO	NO		
72	TRS	TAN		cgs		NO	NO		
75	TRS	TAN		cgs		NO	NO		
78	TRS	TAN		cgs		NO	NO		
81	TRS	TAN		cgs		NO	NO		
84	TRS	TAN		cgs		NO	NO		
87	TRS	TAN		cgs		NO	NO		
90	TRS	TAN		cgs		NO	NO		
93	TRS	TAN		cgs		NO	NO		
96	TRS	TAN		mgs		NO	NO		
97	TRS	TAN		cgs		NO	NO	current contact	
99	TRS	Red		fgs		NO	NO		
102									
105									
108									
111									
114									
117									
120									

ORE _____ HOLE NO. 53 FAV. ____

MIN. _____ UNFAV. ____

BARREN _____

MOAB, UTAH

CONTRACT Minerals Engineering

LOCALITY Marble Canyon CLAIM E.P. #15

COLLAR ELEV. 0 DEPTH 48'

DATE STARTED 4-8-54

DATE COMPLETED 4-8-54

LOGGED BY Phowder DATE 4-8-54

DEPTH	GEOLOGIC COL.	COLOR	BEDDING	TEXTURE	CHEM. ASSAY	CARBON	ORE MINERALS	MISCEL.	DEPTH
0									
3	TRS	TAN		cgs		NO	NO		
6	TRS	TAN		cgs		NO	NO		
9	TRS	TAN		mgs		NO	NO		
12	TRS	TAN		cgs		NO	NO		
15	TRS	TAN		mgs mgs		NO	NO		
18	TRS	TAN		mgs mgs		NO	NO		
21	TRS	TAN		mgs		NO	NO		
24	TRS	TAN		mgs		NO	NO		
27	TRS	TAN		mgs		NO	NO		
30	TRS	TAN		mgs		NO	NO		
33	TRS	TAN		cgs		NO	NO		
36	TRS	TAN		cgs		NO	NO		
39	TRS	TAN		cgs		NO	NO		
42	TRS	TAN		mgs		NO	NO		
43									
45	TRM	TAN		fgs		NO	NO	contact	
48	TRM	TAN and		fgs		NO	NO		
51									
54									
57									
60									
63									
66									
69									
72									
75									
78									
81									
84									
87									
90									
93									
96									
99									
102									
105									
108									
111									
114									
117									
120									

ORE _____ HOLE NO. 54 FAV. ____

MIN. _____ UNFAV. ____

BARREN _____

MOAB, UTAH

CONTRACT Minerals Engineering

LOCALITY Marble Canyon CLAIM E.C. #75

COLLAR ELEV. 0 DEPTH 48'

DATE STARTED 4-8-54

DATE COMPLETED 4-8-54

LOGGED BY Thooder DATE 4-8-54

DEPTH	GEOLOGIC COL.	COLOR	BEDDING	TEXTURE	CHEM. ASSAY	CARBON	ORE MINERALS	MISCEL.	DEPTH
0									
3	TRC	Red		Fgs		NO	NO		
6	TRS	TAN		Cgs		NO	NO		
9	TRS	TAN		Cgs		NO	NO		
12	TRS	TAN		cgs ms		NO	NO		
15	TRS	TAN		mgs ms		NO	NO		
18	TRS	TAN		mgs ms		NO	NO		
21	TRS	TAN		mgs ms		NO	NO		
24	TRS	TAN		mgs		NO	NO		
27	TRS	TAN		mgs		NO	NO		
30	TRS	TAN		cgs		NO	NO		
33	TRS	TAN		cgs		NO	NO		
36	TRS	TAN		cgs		NO	NO		
39	TRS	TAN		cgs		NO	NO		
42	TRS	TAN		mgs		NO	NO		
45	TRS	TAN		mgs		NO	NO		
47									
48	TRM	Red		Fgs		NO	NO	Contact ↑	
51									
54									
57									
60									
63									
66									
69									
72									
75									
78									
81									
84									
87									
90									

ORE _____ HOLE NO. 55 FAV. ____

MIN. _____ UNFAV. ____

BARREN _____

MOAB, UTAH

CONTRACT Minerals Engineering

LOCALITY Marble Canyon CLAIM E.P. 75

COLLAR ELEV. 0 DEPTH 48'

DATE STARTED 4-8-54

DATE COMPLETED 4-8-54

LOGGED BY Phoades DATE 4-8-54

DEPTH	GEOLOGIC COL.	COLOR	BEDDING	TEXTURE	CHEM. ASSAY	CARBON	ORE MINERALS	MISCEL.	DEPTH
0									
3	TRC	Red		FS		NO	NO		
6	TRS	TAN		mgs MS		NO	NO		
9	TRS	TAN		mgs MS		NO	NO		
12	TRS	TAN		mgs MS		NO	NO		
15	TRS	TAN		mgs MS		NO	NO		
18	TRS	TAN		mgs MS		NO	NO		
21	TRS	TAN		mgs MS		NO	NO		
24	TRS	TAN		mgs		NO	NO		
27	TRS	TAN		mgs		NO	NO		
30	TRS	TAN		mgs		NO	NO		
33	TRS	TAN		mgs		NO	NO		
36	TRS	TAN		mgs		NO	NO		
39	TRS	TAN		mgs		NO	NO		
42	TRS	TAN		cgs mgs		NO	NO		
44									
45	TRM	TAN		FGS		NO	NO	Contact ↑	
48	TRM	TAN		FGS		NO	NO		
51									
54									
57									
60									

ORE _____ HOLE NO. 56 FAV. ____

MIN. _____ UNFAV. ____

BARREN _____

MOAB, UTAH

CONTRACT Minerals Engineering

LOCALITY Grande Canyon CLAIM E.P. 15

COLLAR ELEV. 0 DEPTH 51'

DATE STARTED 4-8-54

DATE COMPLETED 4-8-54

LOGGED BY Rhoades DATE 4-8-54

DEPTH	GEOLOGIC COL.	COLOR	BEDDING	TEXTURE	CHEM. ASSAY	CARBON	ORE MINERALS	MISCEL.	DEPTH
0									
3	TRC	Red		Fgs		NO	NO		
6	TRS	TAN		MFS MS		NO	NO		
9	TRS	TAN		MFS MS		NO	NO		
12	TRS	TAN		MFS MS		NO	NO		
15	TRS	TAN		MFS MS		NO	NO		
18	TRS	TAN		MFS MS		NO	NO		
21	TRS	TAN		MFS MS		NO	NO		
24	TRS	TAN		CFS		NO	NO		
27	TRS	TAN		MFS		NO	NO		
30	TRS	TAN		MFS		NO	NO		
33	TRS	TAN		MFS		NO	NO		
36	TRS	TAN		MFS		NO	NO		
39	TRS	TAN		CFS		NO	NO		
42	TRS	TAN		MFS		NO	NO		
45	TRS	TAN		MFS		NO	NO		
								Contact A	
48	TRM	TAN		Fgs		NO	NO		
51	TRM	TAN		Fgs		NO	NO		
54									
57									
60									
63									
66									
69									
72									
75									
78									
81									
84									

ORE _____ HOLE NO. 57 FAV. ✓

MIN. ✓ UNFAV. ____

BARREN _____

MOAB, UTAH

CONTRACT Minerals Engineering

LOCALITY Marble Canyon CLAIM E.P. #15

COLLAR ELEV. 0 DEPTH 72'

DATE STARTED 4-8-54

DATE COMPLETED 4-8-54

LOGGED BY Phoenker DATE 4-8-54

DEPTH	GEOLOGIC COL.	COLOR	BEDDING	TEXTURE	CHEM. ASSAY	CARBON	ORE MINERALS	MISCEL.	DEPTH
0									
3	TRS	TAN		cgs		NO	NO		
6	TRS	TAN		mgs		NO	NO		
9	TRS	TAN		mgs		NO	NO		
12	TRS	TAN		mgs		NO	NO		
15	TRS	TAN		mgs		NO	NO		
18	TRS	TAN		mgs ms		NO	NO		
21	TRS	TAN		mgs		NO	NO		
24	TRS	TAN		mgs		NO	NO		
27	TRS	TAN		mgs		NO	NO		
30	TRS	TAN		mgs		NO	NO		
33	TRS	TAN		mgs		NO	NO		
36	TRS	TAN		mgs		NO	NO		
39	TRS	TAN		mgs		NO	NO		
42	TRS	TAN		mgs		NO	NO		
45	TRS	TAN		mgs		NO	NO		
48	TRS	TAN		mgs		NO	NO		
51	TRS	TAN		mgs		NO	NO		
54	TRS	TAN		mgs		NO	NO		
57	TRS	TAN		cgs		NO	NO		
60	TRS	TAN		cgs mgs		NO	NO	weak count	
62								" "	
63	TRS	TAN		mgs		NO	NO	contact	
66	TRS	gray TAN		mc mgs		yes	NO		
69	TRm	gray TAN		fgs		NO	NO		
72	TRm	Red		fgs		NO	NO		
75									
78									
81									
84									
87									
90									
93									
96									
99									
102									
105									
108									
111									
114									
117									
120									

ORE ✓ HOLE NO. 58 FAV. ✓
MIN. ✓ UNFAV.
BARREN

MOAB, UTAH

CONTRACT Minerals Engineering
LOCALITY Marble Canyon CLAIM ER-14
COLLAR ELEV. 0 DEPTH 72'
DATE STARTED 4-8-54
DATE COMPLETED 4-8-54
LOGGED BY Rhoades DATE 4-8-54

DEPTH	GEOLOGIC COL.	COLOR	BEDDING	TEXTURE	CHEM. ASSAY	CARBON	ORE MINERALS	MISCEL.	DEPTH
0									
3	TRS	TAN		CGS		NO	NO		
6	TRS	TAN		CGS		NO	NO		
9	TRS	TAN		MGS		NO	NO		
12	TRS	TAN		MGS MAS		NO	NO		
15	TRS	TAN		MGS		NO	NO		
18	TRS	TAN		MGS		NO	NO		
21	TRS	TAN		MGS MS		NO	NO		
24	TRS	TAN		MGS		NO	NO		
27	TRS	TAN		MGS		NO	NO		
30	TRS	TAN		MGS		NO	NO		
33	TRS	TAN		MGS		NO	NO		
36	TRS	TAN		MGS		NO	NO		
39	TRS	TAN		MGS		NO	NO		
42	TRS	TAN		MGS		NO	NO		
45	TRS	TAN		MGS		NO	NO		
48	TRS	TAN		CGS		NO	NO		
51	TRS	TAN		CGS		NO	NO		
54	TRS	TAN		CGS		NO	NO		
57	TRS	TAN		CGS		NO	NO		
60	TRS	TAN		CGS		NO	NO		
63	TRS	TAN		CGS		NO	NO	weak count	
66	TRS	TAN		CGS		NO	NO		
68									
69	TRM	TAN grey		MGS		NO	NO	contact	
72	TRM	grey		FGS		NO	NO		
75									
78									
81									
84									
87									
90									

ORE _____ HOLE NO. 59 FAV. ✓

MIN. ✓ UNFAV. ____

BARREN _____

MOAB, UTAH

CONTRACT Minerals Engineering

LOCALITY Mandi Canyon CLAIM E.P.M.

COLLAR ELEV. 0 DEPTH 78'

DATE STARTED 4-8-54

DATE COMPLETED 4-8-54

LOGGED BY Rhoades DATE 4-8-54

DEPTH	GEOLOGIC COL.	COLOR	BEDDING	TEXTURE	CHEM. ASSAY	CARBON	ORE MINERALS	MISCEL.	DEPTH
0									
3	TRS	TAN		CGS		NO	NO		
6	TRS	TAN		CGS		NO	NO		
9	TRS	TAN		MGS		NO	NO		
12	TRS	TAN		MGS MS		NO	NO		
15	TRS	TAN		MGS MS		NO	NO		
18	TRS	TAN		CGS MS		NO	NO		
21	TRS	TAN		MGS		NO	NO		
24	TRS	TAN		MGS		NO	NO		
27	TRS	TAN		MGS MS		NO	NO		
30	TRS	TAN		MGS		NO	NO		
33	TRS	TAN		MGS		NO	NO		
36	TRS	TAN		MGS		NO	NO		
39	TRS	TAN		MGS		NO	NO		
42	TRS	TAN		MGS		NO	NO		
45	TRS	TAN		MGS		NO	NO		
48	TRS	TAN		MGS		NO	NO		
51	TRS	TAN		CGS		NO	NO		
54	TRS	TAN		CGS		NO	NO		
57	TRS	TAN		CGS		NO	NO		
60	TRS	TAN		CGS		NO	NO		
63	TRS	TAN		CGS		NO	NO		
66	TRS	TAN		CGS		NO	NO		
69	TRS	TAN		CGS		NO	NO		
72	TRS	TAN		CGS MS		NO	NO	weak Count content	
75	TRM	Red		FGS		NO	NO		
78	TRM	Red		FGS		NO	NO		
81									
84									
87									
90									
93									
96									
99									
102									
105									
108									
111									
114									
117									
120									

ORE _____ HOLE NO. 60 FAV. ✓

MIN. ✓ UNFAV. ____

BARREN _____

MOAB, UTAH

CONTRACT Minerals Engineering

LOCALITY Moab Canyon CLAIM F.P. #14

COLLAR ELEV. 0 DEPTH 78'

DATE STARTED 4-8-54

DATE COMPLETED 4-8-54

LOGGED BY Rhoades DATE 4-8-54

DEPTH	GEOLOGIC COL.	COLOR	BEDDING	TEXTURE	CHEM. ASSAY	CARBON	ORE MINERALS	MISCEL.	DEPTH
0									
3	TRC	TAN		Fg		NO	NO		
6	TRS	TAN		Mgs		NO	NO		
9	TRS	TAN		Mgs		NO	NO		
12	TRS	TAN		Mgs		NO	NO		
15	TRS	TAN		Mgs Ms		NO	NO		
18	TRS	TAN		Mgs Ms		NO	NO		
21	TRS	TAN		Mgs Ms		NO	NO		
24	TRS	TAN		Mgs Ms		NO	NO		
27	TRS	TAN		Mgs		NO	NO		
30	TRS	TAN		Mgs		NO	NO		
33	TRS	TAN		Mgs		NO	NO		
36	TRS	TAN		Mgs Ms		NO	NO		
39	TRS	TAN		Mgs Ms		NO	NO		
42	TRS	TAN		Mgs		NO	NO		
45	TRS	TAN		Mgs		NO	NO		
48	TRS	TAN		Mgs		NO	NO		
51	TRS	TAN		Mgs		NO	NO		
54	TRS	TAN		Cgs		NO	NO		
57	TRS	TAN		Cgs		NO	NO		
60	TRS	TAN		Mgs		NO	NO		
63	TRS	TAN		Mgs		NO	NO		
66	TRS	TAN		Cgs		NO	NO		
69	TRS	TAN		Cgs		NO	NO		
72	TRS	TAN		Mgs		NO	NO		
75	TRS	TAN		Mgs Ms		NO	NO	Sample taken weak count	
76									
78	TRM	Red		Fgs		NO	NO	content weak count	
81									
84									
87									
90									

ORE _____ HOLE NO. 61 FAV. ✓

MIN. ✓ UNFAV. ___

BARREN _____

MOAB, UTAH

CONTRACT Minerals Engineering

LOCALITY Marble Canyon CLAIM E.P. #14

COLLAR ELEV. 0 DEPTH 81'

DATE STARTED 4-9-54

DATE COMPLETED 4-9-54

LOGGED BY Rhoades DATE 4-9-54

DEPTH	GEOLOGIC COL.	COLOR	BEDDING	TEXTURE	CHEM. ASSAY	CARBON	ORE MINERALS	MISCEL.	DEPTH
0									
3									
6									
9									
12									
15									
18									
21									
24									
27									
30									
33									
36									
39									
42									
45									
48									
51									
54									
57									
60									
63									
66									
69									
72									
75									
78	TRS	TAN		MS		NO	NO	weak count	
	TRm	gray						Contact	
81	TRm	Red		FS		NO	NO	weak count	
84									
87									
90									
93									
96									
99									
102									
105									
108									
111									
114									
117									
120									

ORE _____ HOLE NO. 62 FAV. ✓

MIN. ✓ UNFAV. ____

BARREN _____

MOAB, UTAH

CONTRACT Minerals Engineering

LOCALITY Marble Canyon CLAIM E.P. #14

COLLAR ELEV. @ DEPTH 84'

DATE STARTED 4-9-54

DATE COMPLETED 4-9-54

LOGGED BY Rhoads DATE 4-9-54

DEPTH	GEOLOGIC COL.	COLOR	BEDDING	TEXTURE	CHEM. ASSAY	CARBON	ORE MINERALS	MISCEL.	DEPTH
0									
3									
6									
9									
12									
15									
18									
21									
24									
27									
30									
33									
36									
39									
42									
45									
48									
51									
54									
57									
60									
63									
66									
69									
72	TRS	TAN	MQS		NO	NO			
75	TRS	TAN	MQS		NO	NO			
78	TRS	TAN	MQS MS		NO	NO		Mark Count	
81	TRS	TAN	CQS		NO	NO			
82								Contact ↑	
84	TRM	Red	FQS		NO	NO			
87									
90									
93									
96									
99									
102									
105									
108									
111									
114									
117									
120									

ORE _____ HOLE NO. 63 FAV. ✓

MIN. ✓ UNFAV. ___

BARREN _____

MOAB, UTAH

CONTRACT Minerals Engineering

LOCALITY Marble Canyon CLAIM E.C. #14

COLLAR ELEV. 0 DEPTH 87'

DATE STARTED 4-9-54

DATE COMPLETED 4-9-54

LOGGED BY T Thrasher DATE 4-9-54

DEPTH	GEOLOGIC COL.	COLOR	BEDDING	TEXTURE	CHEM. ASSAY	CARBON	ORE MINERALS	MISCEL.	DEPTH
0									
3									
6									
9									
12									
15									
18									
21									
24									
27									
30									
33									
36									
39									
42									
45									
48									
51									
54									
57									
60									
63									
66									
69									
72	TRS	TAN		CGS		NO	NO		
75	TRS	TAN		CGS		NO	NO		
78	TRS	TAN		CGS TRS		NO	NO	weak count	
81	TRS	TAN		MGS TRS		NO	NO	" "	
84	TRS	TAN		CGS		NO	NO	" "	
87	TRM TRM	green Red		FGS		NO	NO	" " contact ↑	
90									
93									
96									
99									
102									
105									
108									
111									
114									
117									
120									

ORE _____ HOLE NO. 64 FAV. ✓

MIN. ✓ UNFAV. ___

BARREN _____

MOAB, UTAH

CONTRACT Minerals Engineering

LOCALITY Marble Canyon CLAIM E.P. # 14

COLLAR ELEV. 0 DEPTH 87'

DATE STARTED 4-9-54

DATE COMPLETED 4-9-54

LOGGED BY Rhoades DATE 4-9-54

DEPTH	GEOLOGIC COL.	COLOR	BEDDING	TEXTURE	CHEM. ASSAY	CARBON	ORE MINERALS	MISCEL.	DEPTH
0									
3									
6									
9									
12									
15									
18									
21									
24									
27									
30									
33									
36									
39									
42									
45									
48									
51									
54									
57									
60									
63									
66									
69									
72	TRS	TAN		MPS		NO	NO		
75	TRS	TAN gray		CPS		NO	NO		
78	TRS	TAN		CPS		NO	NO		
81	TRS	gray		MPS		NO	NO		
84	TRS	gray Tan		MPS		NO	NO	weak carbonat	
87	TRM	gray Pink		FPS		NO	NO	" "	
90									
93									
96									
99									
102									
105									
108									
111									
114									
117									
120									

ORE ____ HOLE NO. 65 FAV. ✓
MIN. ✓ UNFAV. ____
BARREN ____

MOAB, UTAH

CONTRACT Minerals Engineering
LOCALITY Marble Canyon CLAIM E.P. #14
COLLAR ELEV. 0 DEPTH 126'
DATE STARTED 4-9-54
DATE COMPLETED 4-9-54
LOGGED BY Rhoades DATE 4-9-54

87

DEPTH	GEOLOGIC COL.	COLOR	BEDDING	TEXTURE	CHEM. ASSAY	CARBON	ORE MINERALS	MISCEL.	DEPTH
0									
3	TRC	Red		Fgs		NO	NO		
6	TRC	Red		Fgs		NO	NO		
9	TRC	grey		Fgs		NO	NO		
12	TRC	grey		Fgs		NO	NO		
15	TRC	grey		Fgs		NO	NO		
18	TRC	grey		Fgs		NO	NO		
21	TRC	grey		mgs		NO	NO		
24	TRC	grey		mgs		NO	NO		
27	TRC	grey		mgs		NO	NO		
30	TRC	grey		mgs		NO	NO		
33	TRC	grey		mgs		NO	NO		
36	TRC	grey		mgs		NO	NO		
39	TRS	TAN		mgs		NO	NO		
42	TRS	TAN		mgs		NO	NO		
45	TRS	TAN		mgs		NO	NO		
48	TRS	grey		mgs		NO	NO		
51	TRS	grey		mgs		NO	NO		
54	TRS	grey		mgs		NO	NO		
57	TRS	TAN		mgs		NO	NO		
60	TRS	grey		mgs		NO	NO		
63	TRS	TAN		cgs		NO	NO		
66	TRS	TAN		cgs		NO	NO		
69	TRS	TAN		cgs		NO	NO		
72	TRS	TAN		cgs		NO	NO		
75	TRS	TAN		cgs		NO	NO		
78	TRS	TAN		cgs		NO	NO		
81	TRS	TAN		cgs		NO	NO		
84	TRS	TAN		cgs		NO	NO		
87	TRS	TAN		cgs		NO	NO		
90	TRS	TAN		cgs		NO	NO		
93	TRS	grey		cgs		NO	NO		
96	TRS	grey		cgs		NO	NO		
99	TRS	grey		cgs		NO	NO		
102	TRS	grey		mgs		NO	NO		
105	TRS	grey		cgs		NO	NO		
108	TRS	grey		cgs		NO	NO		
111	TRS	grey		cgs		NO	NO		
114	TRS	grey		cgs		NO	NO		
117	TRS	grey		cgs		NO	NO		
120	TRS	grey		cgs		NO	NO		
123	TRS	grey		cgs		NO	NO	weak count	
126	TRm	Red		Fgs		NO	NO	Contact ↑	
129									
132									
135									
138									
141									
144									
147									
150									
153									
156									
159									
162									
165									
168									
171									
174									
177									
180									
183									
186									
189									
192									
195									
198									
201									
204									
207									
210									
213									
216									
219									
222									
225									
228									
231									
234									
237									
240									

ORE _____ HOLE NO. 66 FAV. ✓

MIN. ✓ UNFAV. ____

BARREN _____

MOAB, UTAH

CONTRACT Minerals Engineering

LOCALITY Marble Canyon CLAIM E.P. #14

COLLAR ELEV. 0 DEPTH 114

DATE STARTED 4-9-54

DATE COMPLETED 4-9-54

LOGGED BY Rhodes DATE 4-9-54

DEPTH	GEOLOGIC COL.	COLOR	BEDDING	TEXTURE	CHEM. ASSAY	CARBON	ORE MINERALS	MISCEL.	DEPTH
0									
3	TRS	TAN		cgs		NO	NO		
6	TRS	TAN		mgs		NO	NO		
9	TRS	grey		mgs		NO	NO		
12	TRS	grey		mgs		NO	NO		
15	TRS	grey		mgs		NO	NO		
18	TRS	grey		mgs		NO	NO		
21	TRS	grey		mgs		NO	NO		
24	TRS	grey		mgs		NO	NO		
27	TRS	grey		mgs		NO	NO		
30	TRS	grey		mgs		NO	NO		
33	TRS	grey		mgs		NO	NO		
36	TRS	TAN		mgs		NO	NO		
39	TRS	TAN		mgs		NO	NO		
42	TRS	TAN		cgs		NO	NO		
45	TRS	TAN		cgs		NO	NO		
48	TRS	TAN		mgs		NO	NO		
51	TRS	TAN		mgs		NO	NO		
54	TRS	TAN		mgs		NO	NO		
57	TRS	TAN		mgs		NO	NO		
60	TRS	TAN		mgs		NO	NO		
63	TRS	TAN		cgs		NO	NO		
66	TRS	TAN		cgs		NO	NO		
69	TRS	TAN		cgs		NO	NO		
72	TRS	grey		cgs		NO	NO		
75	TRS	grey		cgs		NO	NO		
78	TRS	grey		cgs		NO	NO		
81	TRS	grey		cgs		NO	NO		
84	TRS	grey		cgs		NO	NO		
87	TRS	grey		cgs		NO	NO		
90	TRS	grey		cgs		NO	NO		
93	TRS	grey		cgs		NO	NO		
96	TRS	grey		cgs		NO	NO		
99	TRS	grey		cgs		NO	NO		
102	TRS	grey		cgs		NO	NO		
105	TRS	grey		cgs		NO	NO		
108	TRS	grey		cgs		NO	NO		
111	TRS	grey		cgs		NO	NO		
114	TRM	Red		cgs		NO	NO		
117									
120									
123									
126									
129									
132									
135									
138									
141									
144									
147									
150									
153									
156									
159									
162									
165									
168									
171									
174									
177									
180									
183									
186									
189									
192									
195									
198									
201									
204									
207									
210									
213									
216									
219									
222									
225									
228									
231									
234									
237									
240									

Weak count
contact

ORE _____ HOLE NO. 67 FAV. ✓

MIN. ✓ UNFAV. _____

BARREN _____

MOAB, UTAH

CONTRACT Minerals Engineering

LOCALITY Marble Canyon CLAIM E.C. #4

COLLAR ELEV. 0 DEPTH 81'

DATE STARTED 4-10-54

DATE COMPLETED 4-10-54

LOGGED BY Phoades DATE 4-10-54

DEPTH	GEOLOGIC COL.	COLOR	BEDDING	TEXTURE	CHEM. ASSAY	CARBON	ORE MINERALS	MISCEL.	DEPTH
0									
3									
6									
9									
12									
15									
18									
21									
24									
27									
30									
33									
36									
39									
42									
45									
48									
51									
54									
57									
60									
63									
66									
69	TRS	TAN		MGS		NO	NO		
72	TRS	TAN		MGS		NO	NO	weak count	
75	TRM	TAN		MGS		NO	NO	weak count contact ↑	
78	TRM	TAN		MGS		NO	NO		
81	TRM	Red		FGS		NO	NO		
84									
87									
90									
93									
96									
99									
102									
105									
108									
111									
114									
117									
120									

ORE _____ HOLE NO. 28 FAV. ____
MIN. ____ UNFAV. ✓
BARREN ____

MOAB, UTAH

CONTRACT Minerals Engineering
LOCALITY Marble Canyon CLAIM [redacted] #21
COLLAR ELEV. 0 DEPTH 78' [redacted]' (99')
DATE STARTED 4-16-54
DATE COMPLETED 4-10-54
LOGGED BY Rhodes DATE 4-10-54

DEPTH	GEOLOGIC COL.	COLOR	BEDDING	TEXTURE	CHEM. ASSAY	CARBON	ORE MINERALS	MISCEL.	DEPTH
0									
3	TRC	grey		mgs		NO	NO		
6	TRC	grey		mgs		NO	NO		
9	TRC	grey		mgs		NO	NO		
12	TRC	grey		mgs		NO	NO		
15	TRS	TAN		cgs		NO	NO		
18	TRS	TAN		cgs		NO	NO		
21	TRS	TAN		cgs		NO	NO	int hole wet sand clay	21
24	TRS	TAN		cgs		NO	NO		
27	TRS	TAN		cgs		NO	NO		
30	TRS	TAN		mgs		NO	NO		
33	TRS	TAN		mgs		NO	NO		
36	TRS	TAN		mgs		NO	NO		
39	TRS	TAN		cgs		NO	NO		
42	TRS	TAN		mgs		NO	NO		
45	TRS	TAN		mgs		NO	NO		
48	TRS	TAN		mgs		NO	NO		
51	TRS	TAN		mgs		NO	NO		
54	TRS	TAN		cgs		NO	NO		
57	TRS	TAN		mgs		NO	NO		
60	TRS	TAN		cgs		NO	NO		
63	TRS	TAN		cgs		NO	NO		
66	TRS	TAN		mgs		NO	NO		
69	TRS	TAN		mgs		NO	NO		
72	TRS	TAN		mgs		NO	NO		
75	TRS	grey		fgs		NO	NO	Contact	
78	TRM	Red		fgs		NO	NO		
81									
84									
87									
90									
93									
96									
99									
102									
105									
108									
111									
114									
117									
120									
123									
126									
129									
132									
135									
138									
141									
144									
147									
150									
153									
156									
159									
162									
165									
168									
171									
174									
177									
180									
183									
186									
189									
192									
195									
198									
201									
204									
207									
210									
213									
216									
219									
222									
225									
228									
231									
234									
237									
240									

ORE _____ HOLE NO. 69 FAV. ____

MIN. ____ UNFAV. ✓

BARREN ✓

MOAB, UTAH

CONTRACT Minerals Engineering

LOCALITY Moab Canyon CLAIM Effie #19

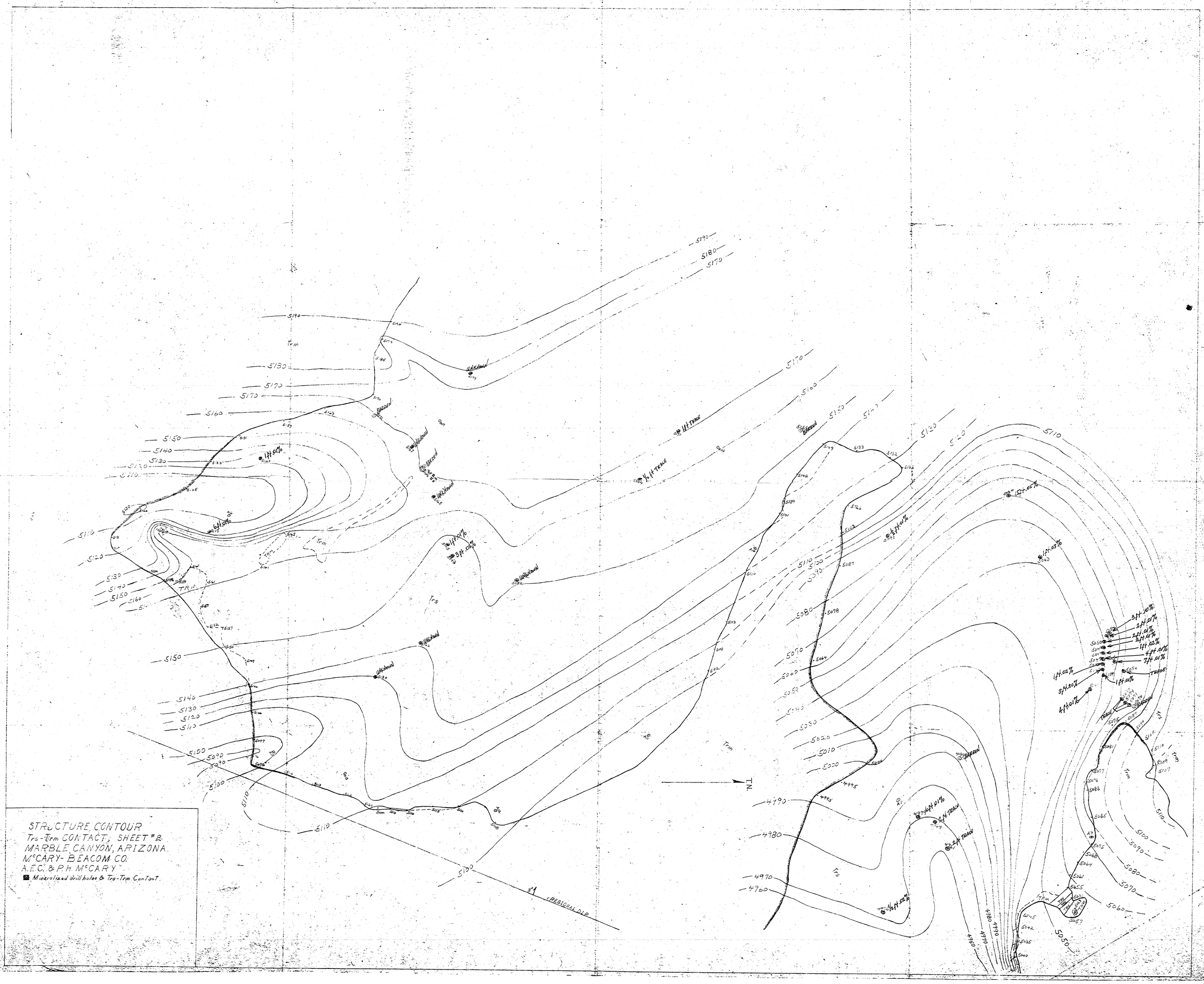
COLLAR ELEV. 0 DEPTH 57'

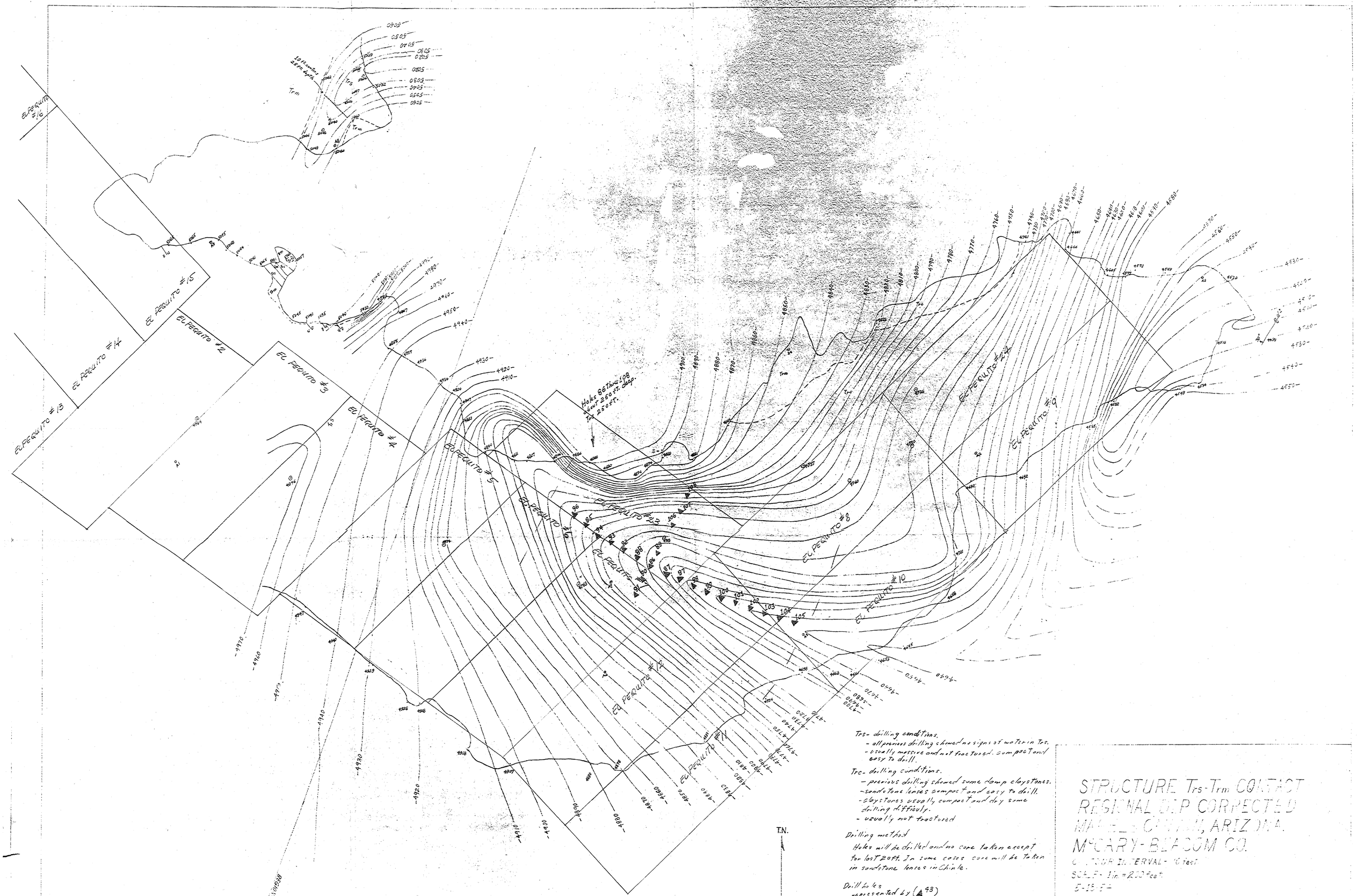
DATE STARTED 4-10-54

DATE COMPLETED 4-10-54

LOGGED BY Rhoades DATE 4-10-54

DEPTH	GEOLOGIC COL.	COLOR	BEDDING	TEXTURE	CHEM. ASSAY	CARBON	ORE MINERALS	MISCEL.	DEPTH
0									
3	TRS	TAN		cgs		NO	NO		
6	TRS	TAN		cgs		NO	NO		
9	TRS	TAN		cgs		NO	NO		
12	TRS	TAN		cgs		NO	NO		
15	TRS	TAN		cgs		NO	NO		
18	TRS	TAN		cgs		NO	NO		
21	TRS	TAN		cgs		NO	NO		
24	TRS	TAN		cgs		NO	NO		
27	TRS	TAN		cgs		NO	NO		
30	TRS	TAN		cgs		NO	NO		
33	TRS	TAN		cgs		NO	NO		
36	TRS	TAN		cgs		NO	NO		
39	TRS	TAN		cgs		NO	NO		
42	TRS	TAN		mgs		NO	NO		
45	TRm	TAN		mgs		NO	NO	Content	
48	TRm	TAN		fgs		NO	NO		
51	TRm	TAN		fgs		NO	NO		
54	TRm	TAN		fgs		NO	NO		
57	TRm	Red		fgs		NO	NO		
60									


STRUCTURE CONTOUR
Trs-Trm CONTACT, SHEET #2
MARBLE CANYON, ARIZONA
McCARY-BEACOM CO.
A.E.C. & P.H. McCARY
Mineralized drillholes & Trs-Trm Contact
T.N.
REGIONAL DIP
Trm
Trs
TRH
UNKNOWN
GREEN
BROWN
TRACE



Drill sites and road building.

Drill sites will have to be made, and the present roads improved. This cost should be less than $15,000.00. All previous road building was performed without shooting. Some shooting will be needed in the construction of the new roads and drill sites

Trs- drilling conditions.
- all previous drilling showed no signs of water in Trs.
- usually massive and not fractured. compact and easy to drill.

Trc- drilling conditions.
- previous drilling showed some damp claystones.
- sandstone lenses compact and easy to drill.
- claystones usually compact and dry some drilling difficulty.
- usually not fractured

Drilling method

Holes will be drilled and no core taken except for last 20 ft. In some cases core will be taken in sandstone lenses in Chinle.

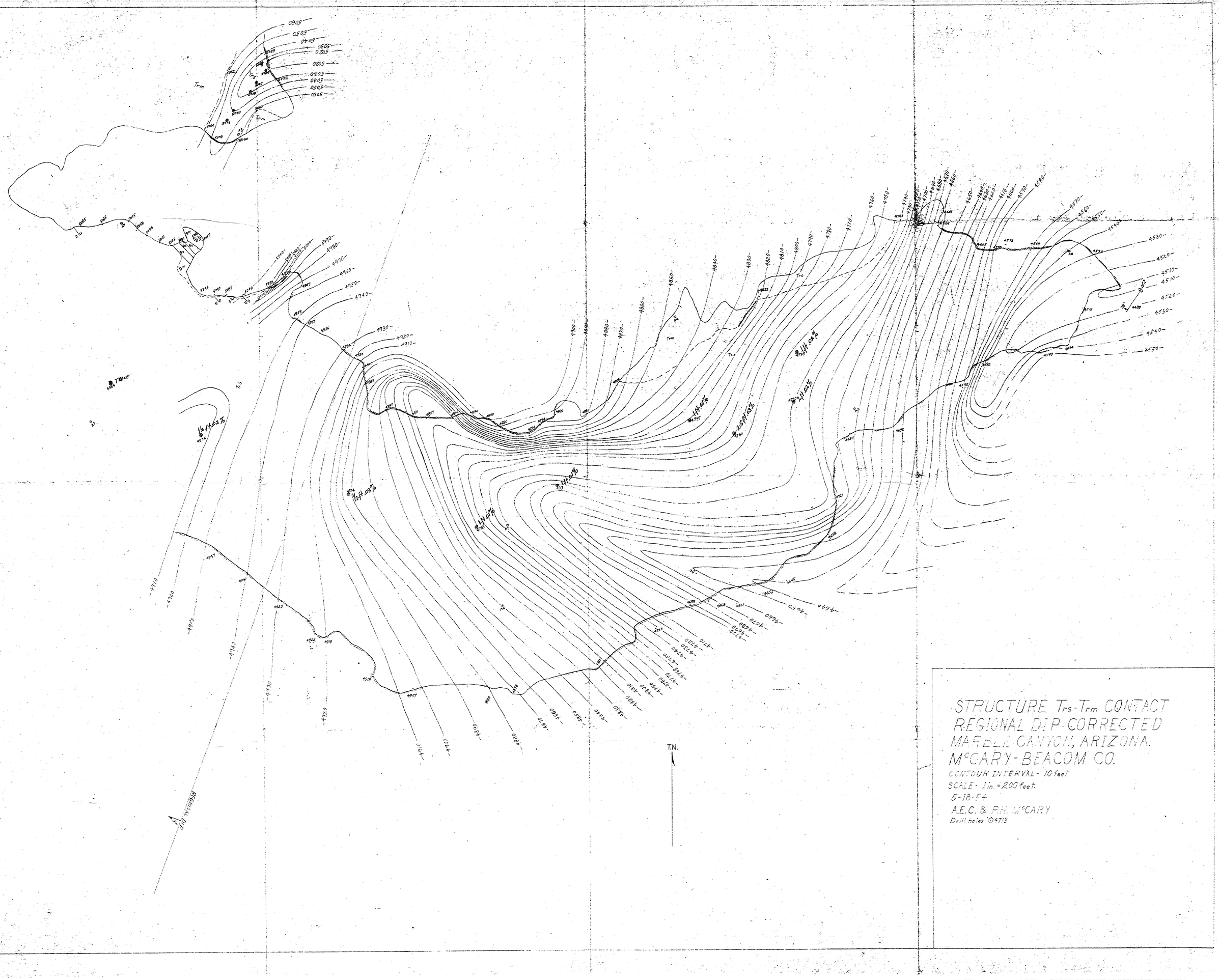
Drill holes
represented by (▲43)
Hole location - ▲
drilling sequence - 43

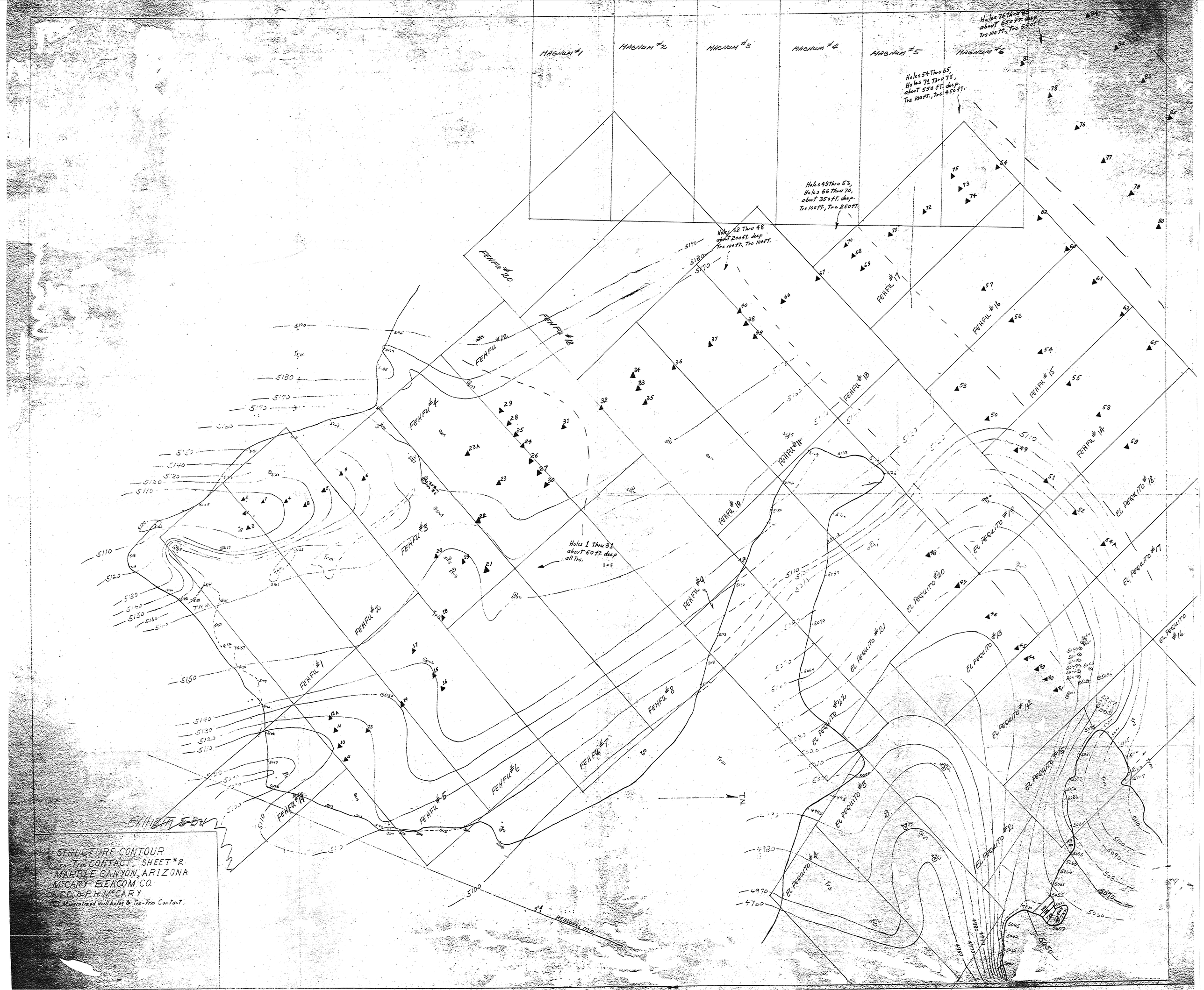
Drill procedure.

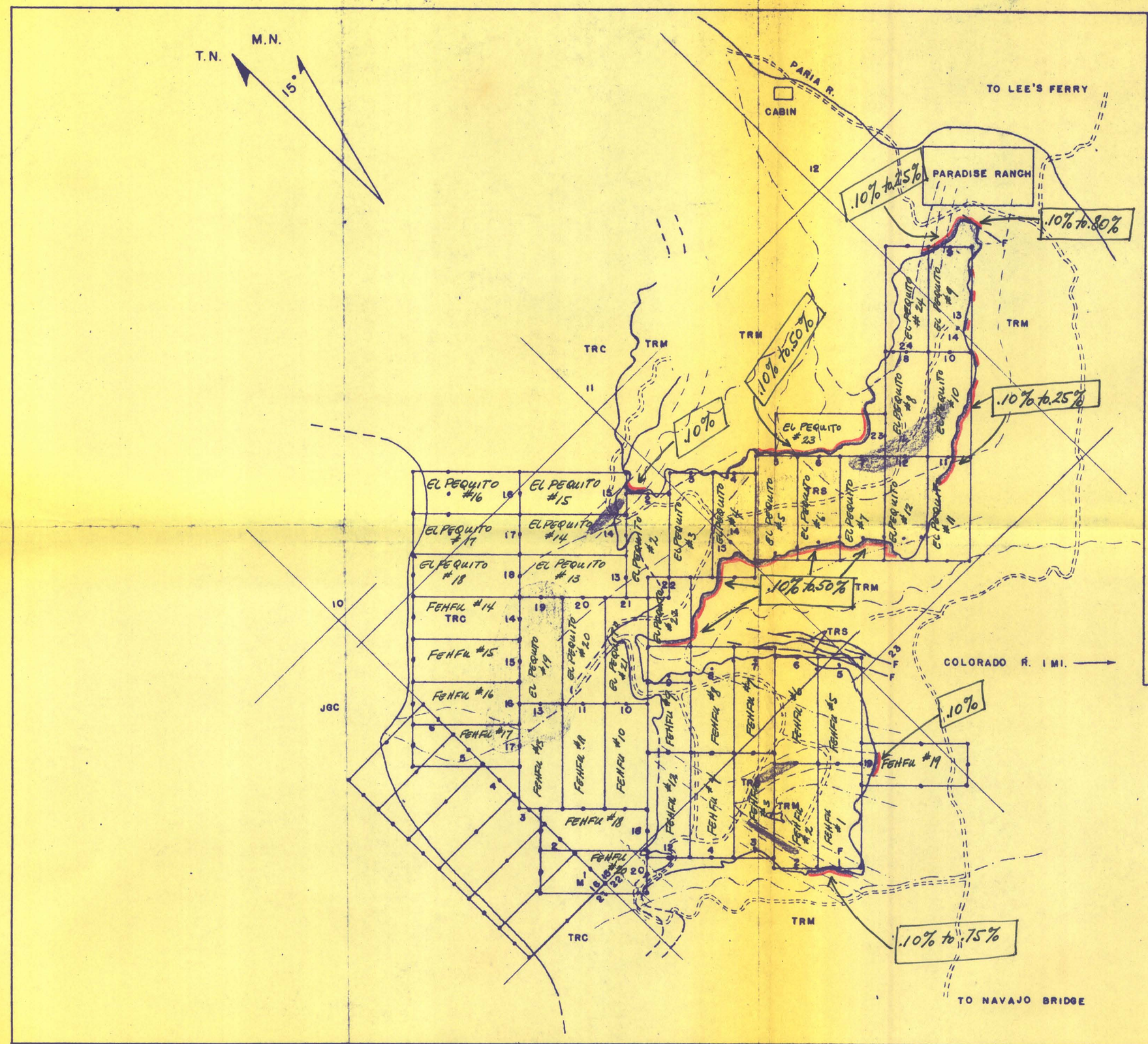
This map shows the hole locations in a very general way. The program will follow these trends, but hole locations will be changed and holes will be omitted and additional holes will be added. The exact drill hole locations will be determined by the previous drilling and the map will be drawn on a day to day basis.

STRUCTURE Trs-Trm CONTACT
REGIONAL DIP CORRECTED
MAP [illegible] CANYON, ARIZONA.
McCARY-BEACOM CO.
CONTOUR INTERVAL - 10 feet
SCALE - 1 in. = 200 feet
5-15-54
A.E.C. & [illegible]
Dri. [illegible]
Trc- Chinle formation — sandstone, shale, mudstone, & claystone
Trs- Shinarump Conglomerate - conglomerate & sandstone,
Trm- Moenkopi formation - sandstone, siltstone, & shale.

EXHIBIT S-B-2


STRUCTURE Trs-Trm CONTACT
REGIONAL DIP CORRECTED
MARBLE CANYON, ARIZONA.
McCARY-BEACOM CO.
CONTOUR INTERVAL - 10 feet
SCALE - 1 in. = 200 feet.
5-18-54
A.E.C. & R.H. McCARY
Drill holes #4713
T.N.
REGIONAL DIP
TRACE


MAGNUM #1
MAGNUM #2
MAGNUM #3
MAGNUM #4
MAGNUM #5
MAGNUM #6
Holes 76 Thru 83 about 650 ft. deep Trs 100 ft., Trc 550 ft.
Holes 54 Thru 65, Holes 71 Thru 75, about 550 ft. deep. Trs 100 ft., Trc 450 ft.
Holes 49 Thru 53, Holes 66 Thru 70, about 350 ft. deep. Trs 100 ft., Trc 250 ft.
Holes 32 Thru 48 about 200 ft. deep Trs 100 ft., Trc 100 ft.
Holes 1 Thru 31 about 50 ft. deep all Trs.
FEHFIL #20
FEHFIL #12
FEHFIL #18
FEHFIL #17
FEHFIL #16
FEHFIL #15
FEHFIL #14
FEHFIL #11
FEHFIL #10
FEHFIL #9
FEHFIL #8
FEHFIL #7
FEHFIL #6
FEHFIL #5
FEHFIL #4
FEHFIL #3
FEHFIL #2
FEHFIL #1
EL PEQUITO #18
EL PEQUITO #19
EL PEQUITO #17
EL PEQUITO #20
EL PEQUITO #21
EL PEQUITO #13
EL PEQUITO #16
EL PEQUITO #24
EL PEQUITO #14
EL PEQUITO #15
EL PEQUITO #5
EL PEQUITO #2
EL PEQUITO #4
Trm
Trs
T.N.
RESIDUAL DIP
EXHIBIT 5-B4
STRUCTURE CONTOUR
Trs-Trm CONTACT, SHEET #2
MARBLE CANYON, ARIZONA
McCARY-BEACOM CO.
A.E.C. & P.H. McCARY
Mineralized drillholes & Trs-Trm Contact



CLAIM MAP OF EL PEQUITO GROUP, FEHFU GROUP, & MAGNUM GROUP COCONINO COUNTY, ARIZONA.

T40N, R7E, G.&S.R.P.M.

OWNER

McCARY-BEACOM CO.
2155 E. 7TH ST., LOS ANGELES, 23, CALIFORNIA.

JGC - GLEN CANYON GP. - JURASSIC
TRC - CHINLE FM. - TRIASSIC
TRS - SHINARUMP CONGL. - TRIASSIC
TRM - MOENKOPI FM. - TRIASSIC

ELEVATION - 500 TO 1,000 FT. ABOVE COLORADO RIVER

SCALE - 1 IN. = 1,000 FT.

BY PHILLIP H. McCARY JR.

RADIOACTIVITY
POTENTIAL ORE ZONES
CHANNEL TRENDS