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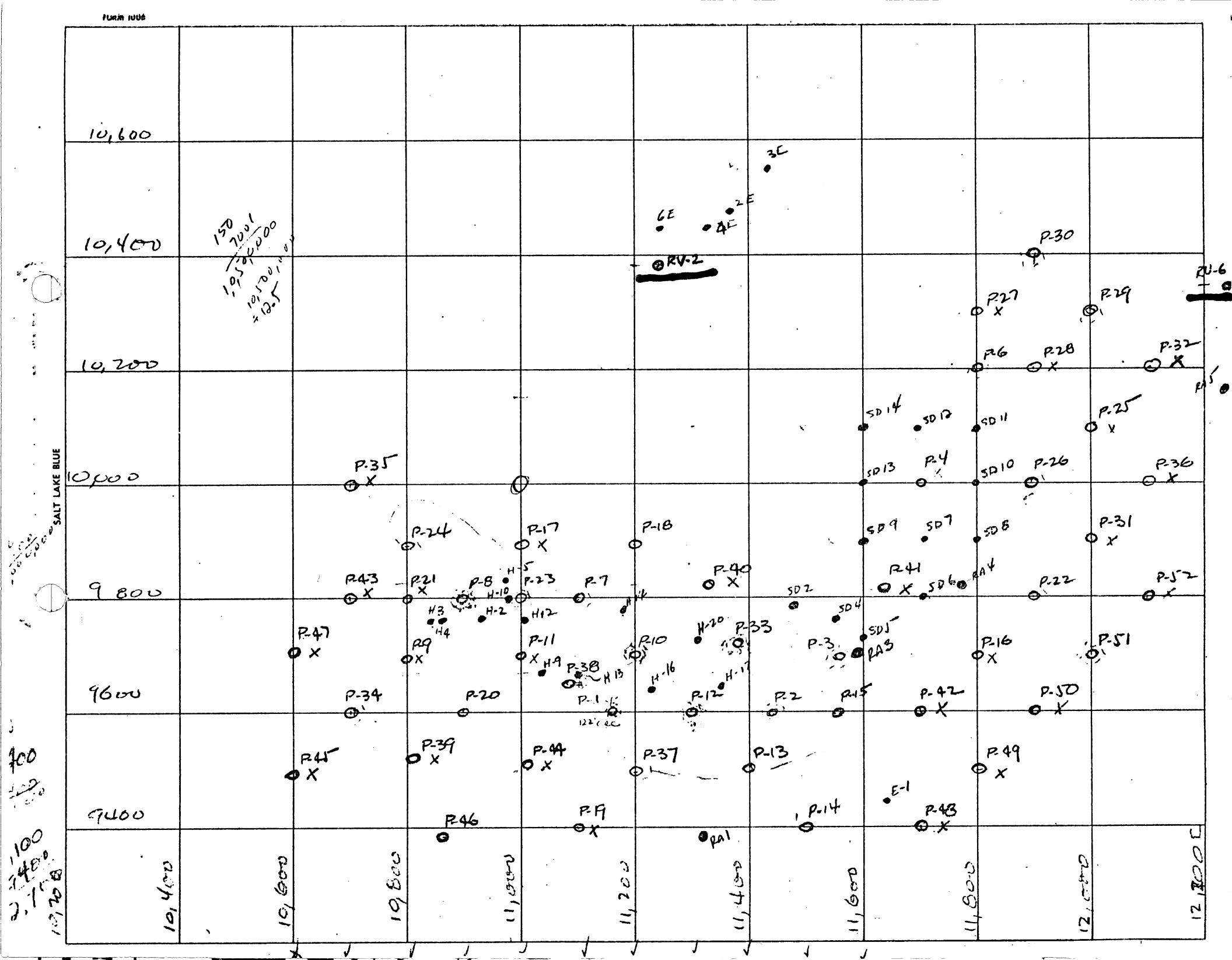

10,600
10,400
10,200
10,000
9800
9600
9400
SALT LAKE BLUE
3E
6E
4E
2E
RV-2
P-30
RV-6
P-27
P-29
P-6
P-28
P-32
SD 14
SD 12
SD 11
P-25
P-35
P-4
SD 13
SD 10
P-26
P-36
P-24
P-17
P-18
SD 9
SD 7
SD 8
P-31
P-43
P-21
P-8
H-5
P-23
P-7
P-40
P-41
SD 6
RA 4
P-22
P-52
SD 2
SD 4
H-10
H-2
H3
H4
H12
P-47
P-9
P-11
H-9
P-38
H 13
P-10
H-20
P-33
SD 5
P-3
RA 3
P-16
P-51
H-16
H-17
P-34
P-20
P-1
122' RC
P-12
P-2
P-45
P-42
P-50
P-39
P-44
P-37
P-13
P-49
E-1
P-46
P-19
RA1
P-14
P-48
10,400
10,600
10,800
11,000
11,200
11,400
11,600
11,800
12,000
12,200

DDH RV-2 - SAN JUAN (RARE METALS)

Split Once

Condensed Log RR 4/27/61

Footage		% Cu	Sulfides	Oxides	Alt.
0-10	No Core			Cons. Li	Kaolin
10-40	QMP	?			
40-200	QMP	.1%	Ccp, Py	(See comments below)	
200-260	QMP	.25	Ccp, Py		
260-280	QMP	.1	Ccp, Py		
280-315	QMP	.25	Ccp, Py		
315-390	QMP	.35	Ccp, Py		
390-500	QMP	.25	Ccp, Py		
500-712	QMP	.3	Ccp, Py		

COMMENTS: Not much copper in upper part of hole. Oxidation penetrates rocks only near fractures even at shallow depths. Supergene alteration—kaolin near fractures. Hypogene alteration only near fractures to sericite and chlorite. Sericite more common. Thin quartz stringers more common at depth and carry most of the Ccp. Pyrite tends to be in fractures more commonly than disseminated. Ccp replaces biotite commonly. A little oxidation persits in fractures to bottom of hole. This rock is not as well fractured as andesite and is hence not such a good host. There is distinctly less bornite in this hole. More hematite stringers were noted. Away from fractures and their attendant alteration, either hypogene or supergene, the quartz monzonite has a decidedly fresh aspect.

DDH RV——6 - SAN JUAN (RARE METALS)

Split twice — Condensed Log RR 4/26/61

Footage		% Cu	Sulfides	Oxides
0-95	No Core			
95-107	QMP, alt. kaol + sil	.3	Ccp, Bn, Py	Li on fracs
107-117	And, sil & carb. veinlets	.3	Ccp, Bn, Py	Ccp & Bn boxworks
117-177	" " "	.1	? ? ?	Cons. Li + Cu
177-235	" " "	.2	? ? ?	Cons. Li + Cu
235-309	" sil. veinlets	.2	Ccp, Bn, Py	Lt. Li + Cu
309-339	" " "	.2	- - -	Cons. Li + Cu
339-409	" " "	.2	Ccp, Bn, Py	Lt. Li + Cu
409-460	" " "	.3	" " "	
460-470	" " (Bn) "	.4	" " "	
470-498	" " "	.3	" " "	Tr Li
498-537	" " "	.2	" " "	
537-547	" " "	.3	" " "	
547-567	" " "	.2	" " "	
567-602	" " "	.3	" " "	
602-641	" " "	.5	" " "	
641-651	" " "	.6	" " "	
651-712	" " "	.4	" " "	
712-748	" " "	.3	" " "	
748-758	" " "	.5	" " "	
758-768	" " "	.3	" " "	
TD				

DDH RV-7 - SAN JUAN (RARE METALS)

Split Once — Condensed Log RR 4/25/61

Footage		% Cu	Sulfides	Oxides
0-10	And, Lt. Sil.	?	(Ccp, Bn, Py)	Lt-Cons. Li + Cu)
10-158	" " "	.2		
158-182	" " "	.3	? ? ?	Cons. Li + Cu + Ep.
182-192	" " "	.2	Ccp, Bn, Py	Lt. Li
192-214	" " "	.3	" " "	Lt. Li Local Ep
214-401	" " "	.2	" " "	Lt.-Cons. Li, Loc. Ox. Cu and Ep
401-445	" " "	.3	" " "	Lt. Li, ox Cu, some carb. veinlets
445-480	" " "	.2	" " "	
480-490	" " "	.3	" " "	
490-500	" " "	.2	" " "	
500-510	" " "	.4	" " "	
510-521	" " "	.3	" " "	
521-568	" " "	.2	" " "	
568-600	" " "	.3	" " "	
600-610	" " "	.4	" " "	
610-630	" " "	.25	" " "	
630-640	" " "	.4	" " "	
640-657	" " "	.45	" " "	
657-730	" " "	.3	" " "	Lt ox on fracs. to about 700'
730-740	" " "	.5	" " "	
740-750	" " "	.3	" " "	
750-770	" " "	.4	" " "	
770-785	" " "	.5	" " "	
785-795	" " "	.8	" " "	

TD

COMMENTS: Vertical fractures show most alteration and bleaching—talc, serpentine, silica. Also carry much more pyrite than chalcopyrite or bornite. These are widest also. Random fractures, wide (up to ½" or so) carry silica with little or no alteration of wall rock and these wider quartz veins seldom carry much sulfides, either pyrite or chalcopyrite. The very narrow (later?) fractures, random to near vertical most of the copper sulfides. The andesite where very fine grained is mineralized only on these hairline fractures but where pyroclastic, or porphyritic in texture, chalcopyrite is disseminated in blebs to very fine grains. Bornite seems more prominent with depth in hole. Undoubtedly much fine grained bornite is overlooked due to dark color of host rock. Alteration of the andesite is minor, for the most part the rock is fresh. Oxidation is limited to layer fractures of the near vertical type below 600 feet and seems to about disappear below 700 feet. There is probably very little secondary enrichment. The copper mineralization was introduced along hairline fractures for the

DDH RV-7 - Comments (Cont'd):

most part and true disseminations only occur where the host andesite is relatively coarse grained and porous, such as porphyritic and pyroclastic facies. Vertical to steep fractures are oldest and recoved most silica + alt. + pyrite. Later fractures carried copper mineralizations and only where verticals have reopened, do you see much copper on them.

Oxidized zone is only development on and near larger fractures. Within a few feet of surface disseminated sulfides persist where not in fractures.

Best mineralization appears to be below 500 feet. Oxide copper is minimal.

A S S A Y S

Footage	Hawley & Hawley Tot. Cu.	Hawley & Hawley Ox. Cu.	Ariz. Test. Labs. Tot. Cu.
300-305	0.26	0.12	0.38
305-310			0.38
310-315			0.45
315-320			0.38
320-325			0.22
325-330			0.35
330-335			0.40
335-340			0.42
340-345			0.19
345-350			0.22
350-355	0.25	0.08	0.25
355-360			0.22
360-365			0.16
365-370			0.22
370-373			0.25
373-378			0.32
378-383			0.16
383-388			0.16
388-393			0.19
393-398			0.16
398-403			0.16
403-408			0.16
408-410			0.16
410-415			0.22
415-420			0.35
420-425			0.22
425-430			0.25
430-435			0.19
435-440			0.22
440-445			0.22
445-450	0.18	0.05	0.22
450-455			0.16
455-460			0.19
460-465			0.32
465-470			0.32
470-475			0.19
475-480			
480-485			
485-490			
490-495			
495-500			
500-505			
505-510			
510-515			
515-520			
520-525			
525-530			
530-535			
535-540			
540-545			
545-550			
550-555			
555-560			0.25

A S S A Y S

Footage	Hawley & Hawley Tot. Cu.	Hawley & Hawley Ox. Cu.	Ariz. Test. Labs. Tot. Cu.
560-565	0.22	0.09	0.28
565-570			0.25
570-575			0.25
575-580			0.19
580-585			0.19
585-590			0.32
590-595			0.32
595-600			0.45
600-605			0.32
605-610	0.15	0.06	0.22

DDH RV-10 - SAN JUAN (RARE METALS)

Split twice

Condensed Log RR 4/27/61

Footage	Rock	% Cu	Sulfides	Oxides
0-222	No Core (Prob. And.)			
222-225	And.	?	?	Lim, hem, complete
225-256	No core			
256-264	And.	?	?	Lim, hem, Cu
264-402	No core			
402-408	And.and 2' QMP	.1	Ccp, Py	Lim
408-470	Core-none			
470-506	And & LP	.1	Ccp, Py	
506-660	No Core			
660-975	And	.2	Ccp, Bn, Py	Bn, very local
975-985	And & 1' Monz.	.5	Ccp, Bn, Py	
985-1004	And	.3	Ccp, Bn, Py	
1004-1031	And	.1	Ccp, Bn, Py	
1031-1174	LP	.2	Ccp, Bn, Py	
1174-1295	And	.2	Ccp, Bn, Py	
1295-1400	QMP	.15	Ccp, Bn, Py	
1400-1800	And	.1-.2	Ccp, Bn, Py	
1800-2230	And	.1-.2	Ccp, Bn, Py	Scattered Aplite stringer carry most Cu.
TD				

COMMENTS: Low grade hole at west edge of intrusive. Cuts both monzonite and latite intrusives (dikes and apophyses) Alteration is very local. Sulfides never heavy. Oxidation appears in fractures to bottom of hole. Heavy oxidation of sulfides down to at least 500 feet.

DDH RV-10 - SAN JUAN (RARE METALS)

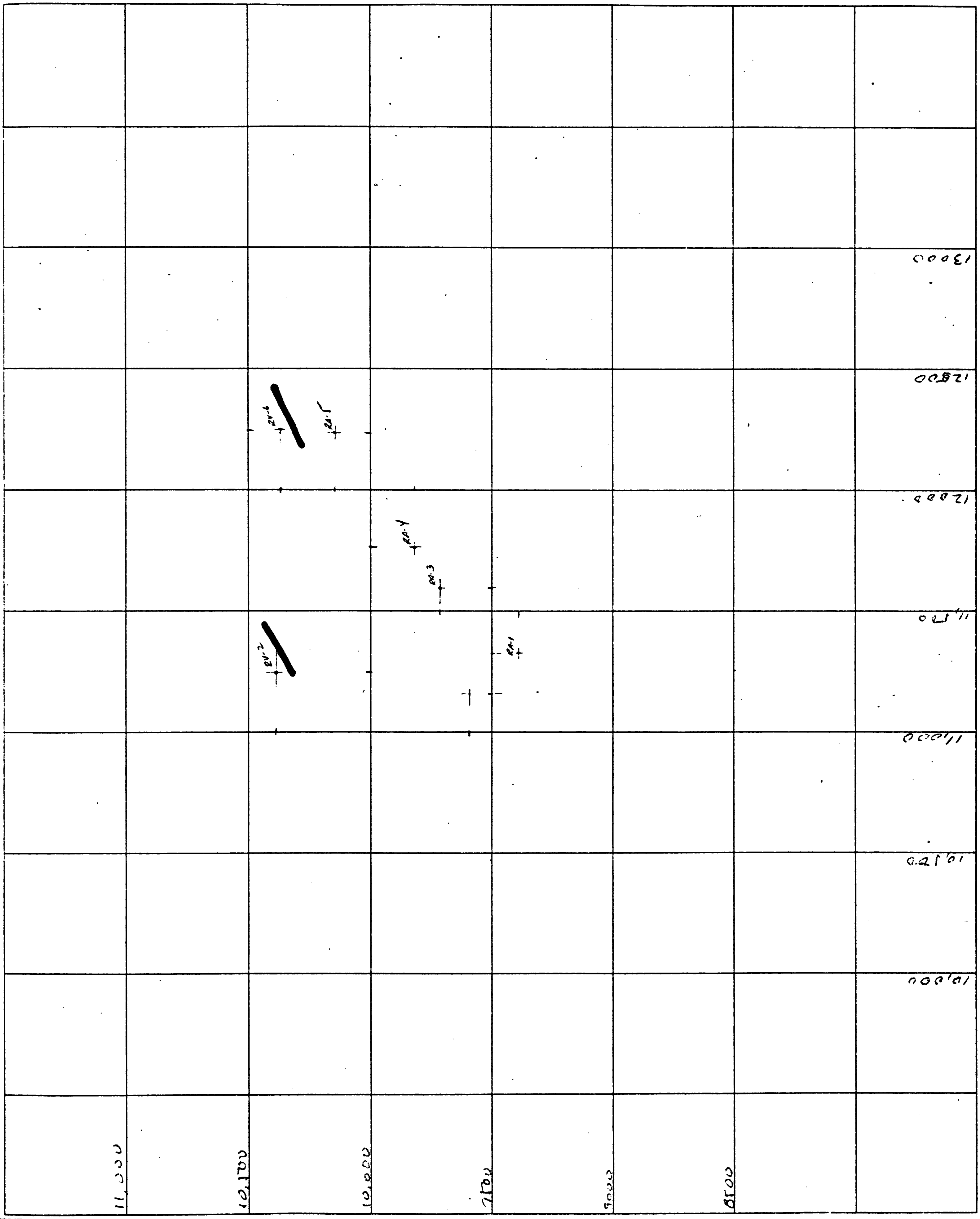
Split twice

Condensed Log RR 4/27/61

Footage	Rock	% Cu	Sulfides	Oxides
0-222	No Core (Prob. And.)			
222-225	And.	?	?	Lim, hem, complete
225-256	No core			
256-264	And.	?	?	Lim, hem, Cu
264-402	No core			
402-408	And. and 2' QMP	.1	Ccp, Py	Lim
408-470	Core-none			
470-506	And & LP	.1	Ccp, Py	
506-660	No Core			
660-975	And	.2	Ccp, Bn, Py	Bn, very local
975-985	And & 1' Monz.	.5	Ccp, Bn, Py	
985-1004	And	.3	Ccp, Bn, Py	
1004-1031	And	.1	Ccp, Bn, Py	
1031-1174	LP	.2	Ccp, Bn, Py	
1174-1295	And	.2	Ccp, Bn, Py	
1295-1400	QMP	.15	Ccp, Bn, Py	
1400-1800	And	.1-.2	Ccp, Bn, Py	
1800-2230	And	.1-.2	Ccp, Bn, Py	Scattered Aplite stringer carry most Cu.
TD				

COMMENTS: Low grade hole at west edge of intrusive. Cuts both monzonite and latite intrusives (dikes and apophyses) Alteration is very local. Sulfides never heavy. Oxidation appears in fractures to bottom of hole. Heavy oxidation of sulfides down to at least 500 feet.

SALT LAKE BLUE



FORM 1006

APPENDIX II

SELECTED ASSAYS FROM DRILLING AT THE SAN JUAN PROPERTY

Rare Metals Corporation - DDH's

Hole No.	Rare Metals Corp. Interval (feet)	Tot. Cu%	Approx. Base of Oxides (feet)	Anaconda - Check Assays Interval (feet)	Tot. Cu.%	Ox. Cu.%	No. %	Au.	A
RV-1	0-10	No assays	265						
RV-1	10-55	0.21							
RV-1	55-75	0.49		55-75	0.28	0.05	Nil	Nil	0
RV-1	75-135	0.29		75-135	0.16	0.09	Nil	Nil	0
RV-1	55-135	0.34		55-135	0.19	0.08	Nil	Nil	0
RV-1	135-160	0.10							
RV-1	160-175	0.35							
RV-1	175-230	0.13							
RV-1	230-1000	No assays							
RV-2	0-10	No assays	50						
RV-2	10-130	0.12							
RV-2	130-210	0.11							
RV-2	210-290	0.14							
RV-2	10-290	0.12							
RV-2	290-325	0.28		290-325	0.38	0.06	0.002	Nil	0.
RV-2	325-425	0.19							
RV-2	425-715	No assays							
RV-3		No assays	330						
RV-4	0-10	No assays	635						
RV-4	10-85	0.24							
RV-4	85-225	0.15							
RV-4	225-270	0.31							
RV-4	270-345	0.19							
RV-4	345-920	0.35							
RV-4	920-970	0.51							
RV-4	920-1000	0.42		920-1000	0.31		0.001	Nil	0.
RV-4	970-1015	0.25							
RV-4	10-1015	0.30							
RV-5	0-40	No assays	360						
RV-5	40-285	0.37							
RV-5	285-390	0.27							
RV-5	390-485	0.26							

Hole No.	Rare Metals Corp. Interval (feet)	Tot. Cu.%	Approx. Base of Oxides (feet)	Anaconda - Check Assays Interval (feet)	Tot. Cu.%	Ox. Cu.%	Mo. %	Au.	Ag
RV-5	285-485	0.27							
RV-5	485-725	0.43							
RV-5	500-715	0.46		500-715	0.44		0.001	Nil	0.[illegible]
RV-5	725-750	0.25							
RV-5	750-770	0.70							
RV-5	770-850	0.21							
RV-5	850-865	0.92							
RV-5	865-1000	0.23							
RV-5	40-1000	0.34							
RV-5	45-120	0.47							
RV-6	0-30	No assays	455						
RV-6	30-40	0.57							
RV-6	95-245	0.37							
RV-6	245-280	0.22							
RV-6	280-360	0.30							
RV-6	360-400	0.39							
RV-6	400-460	0.22							
RV-6	460-545	0.34							
RV-6	545-825	0.33							
RV-6	825-850	0.11							
RV-6	850-985	0.24							
RV-6	985-1033	0.38							
RV-6	95-1033	0.31							
RV-7	0-340	0.30	420						
RV-7	340-420	0.15							
RV-7	0-420	0.27							
RV-7	420-815	No assays							
RV-8		No assays							
RV-9		No assays							
RV-10		No assays	ASSAYS IN REYNOLDS REPORT						

nty and State Graham, Arizona RV-1 Depth of Hole 1000

ld Index System

ple No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %	Rare Metal	T.C Assay
	55-110	55	.27	.08	T.Cu% .37	Var.% -37
	110-135	25	.11	.08	.29	-164
	500-550	50	.02			
	750-800	50	.02			
	950-993	43	.05			

ry and State Graham, Arizona

Depth of Hole RV-1 1000 ft

Old Index System

Page 1 of 2

ple No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %			Mo.%	Au. oz/ ton	Ag. oz/ ton		Rare Metals	TAC Assay
											T.Cu%	Var.%
29	55-60	5	.17	.04			Nil				0.50	-194
30	60-65	5	.43	.02			Nil				0.51	-19
31	65-70	5	.34	.10			Nil	Nil	.04		0.51	-50
32	70-75	5	.18	.04			Nil				0.45	-150
33	75-80	5	.26	.04			Nil				0.19	+27
34	80-85	5	.19	.06			Nil				0.13	+32
35	85-90	5	.21	.12			Nil				0.45	-114
---	90-105	15	No core available					Nil	Tr.			
36	105-110	5	.20	.18			Nil				0.38	-90
37	110-115	5	.14	.10			Nil				0.32	-129
38	115-120	5	.13	.10			Nil				0.25	-92
39	120-125	5	.09	.07			Nil				0.25	-178
40	125-130	5	.11	.07			Nil	Nil	Tr.		0.32	-191
41	130-135	5	.07	.04			Nil				0.32	-357
05	500-505	5	.03									
---	505-515	10	No core available									
06	515-520	5	.03									
07	520-525	5	.02									
08	525-530	5	.03									
09	530-535	5	.02									
10	535-540	5	.01				<.001	Nil	Tr			
11	540-545	5	.02									
12	545-550	5	.02									
13	750-755	5	.02									
14	755-760	5	.01									
15	760-765	5	.02									

nty and State Graham, Arizona

Depth of Hole RV-1 1000

ld Index System

ple No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %	Mo.%	Au. oz/ ton	Ag. oz/ ton
616	765-770	5	.03				
617	770-775	5	.03				
618	775-780	5	.02				
619	780-785	5	.03				
620	785-790	5	.02		<.001	Nil	Tr.
621	790-795	5	.02				
622	795-800	5	.03				
623	950-955	5	.08				
624	955-960	5	.04				
--	960-967	7	No core available				
625	967-970	3	.03				
626	970-975	5	.09				
627	975-980	5	.04				
628	980-985	5	.04				
629	985-990	5	.02				
630	990-993	3	.03		<.001	Nil	Tr.

AVERAGES

Drill Hole No. RV-1

nty and State Graham, Arizona

Depth of Hole 1000

ld Index System

ple No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %	Rare Metal	TAC Assay
					T.Cu%	Var.%
	55-110	55	.27	.08	.37	-37
	110-135	25	.11	.08	.29	-164
	500-550	50	.02			
	750-800	50	.02			
	950-993	43	.05			

ty and State Graham, Arizona — Depth of Hole NO 1000

ld Index System — Page 1 of 2

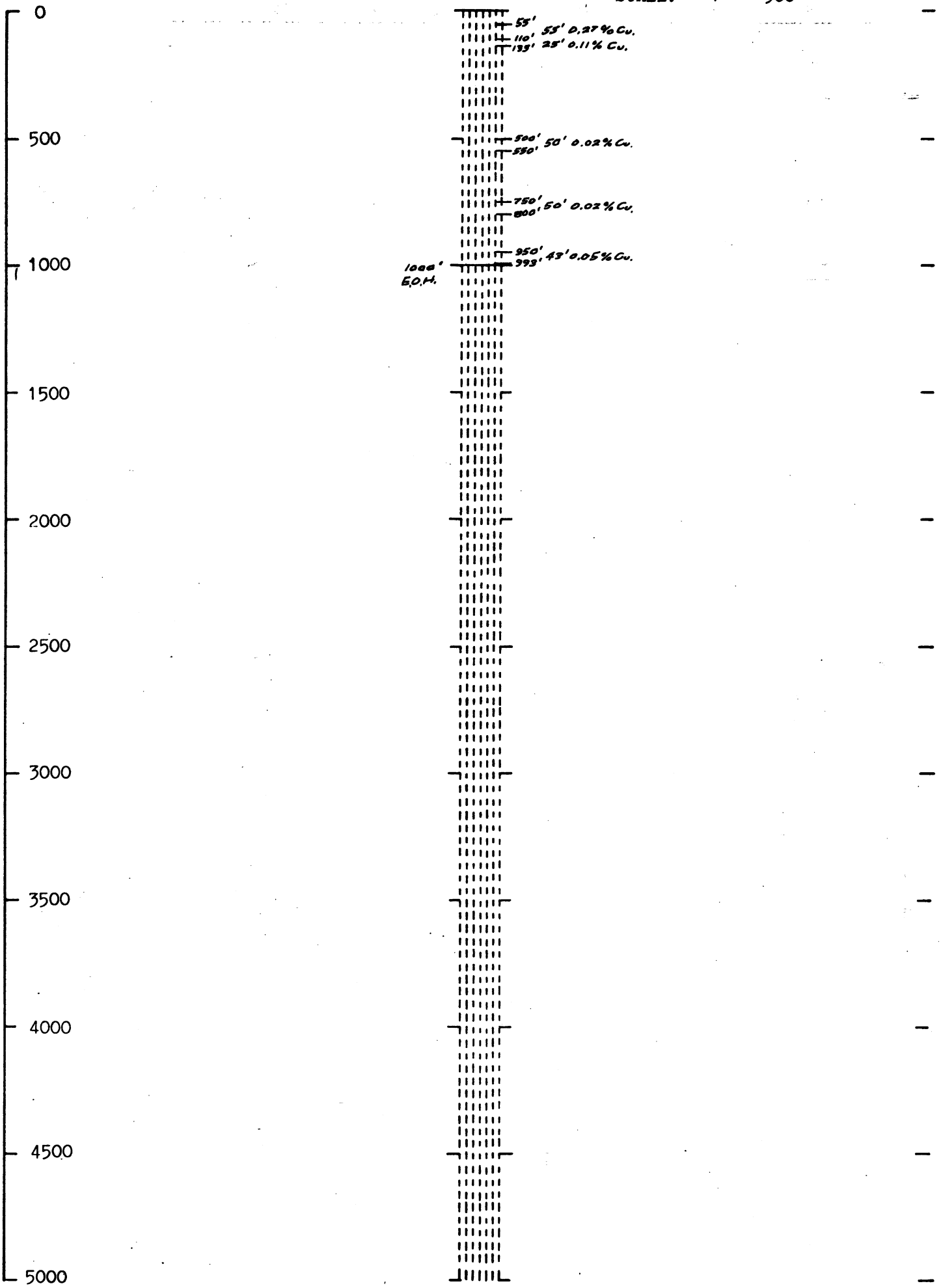
ple No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %	Mo.%	Au. oz/ ton	Ag. oz/ ton	Rare Metals T.Cu%	TAC Assay Vac.%
29	55-60	5	.17	.04	Nil			0.50	-194
30	60-65	5	.43	.02	Nil			0.51	-19
31	65-70	5	.34	.10	Nil	Nil	.04	0.51	-50
32	70-75	5	.18	.04	Nil			0.45	-150
33	75-80	5	.26	.04	Nil			0.19	+27
34	80-85	5	.19	.06	Nil			0.13	+32
35	85-90	5	.21	.12	Nil			0.45	-114
---	90-105	15	No core available			Nil	Tr.		
36	105-110	5	.20	.18	Nil			0.38	-90
37	110-115	5	.14	.10	Nil			0.32	-129
38	115-120	5	.13	.10	Nil			0.25	-92
39	120-125	5	.09	.07	Nil			0.25	-178
40	125-130	5	.11	.07	Nil	Nil	Tr.	0.32	-191
41	130-135	5	.07	.04	Nil			0.32	-357
05	500-505	5	.03						
---	505-515	10	No core available						
06	515-520	5	.03						
07	520-525	5	.02						
08	525-530	5	.03						
09	530-535	5	.02						
10	535-540	5	.01		<.001	Nil	Tr		
11	540-545	5	.02						
2	545-550	5	.02						
3	750-755	5	.02						
4	755-760	5	.01						
5	760-765	5	.02						

Field Index System

ple No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %	Mo.%	Au. oz/ ton	Ag. oz/ ton
616	765-770	5	.03				
617	770-775	5	.03				
618	775-780	5	.02				
619	780-785	5	.03				
620	785-790	5	.02		<.001	Nil	Tr.
621	790-795	5	.02				
622	795-800	5	.03				
623	950-955	5	.08				
624	955-960	5	.04				
--	960-967	7	No core available				
625	967-970	3	.03				
626	970-975	5	.09				
627	975-980	5	.04				
628	980-985	5	.04				
629	985-990	5	.02				
630	990-993	3	.03		<.001	Nil	Tr.

RV 1

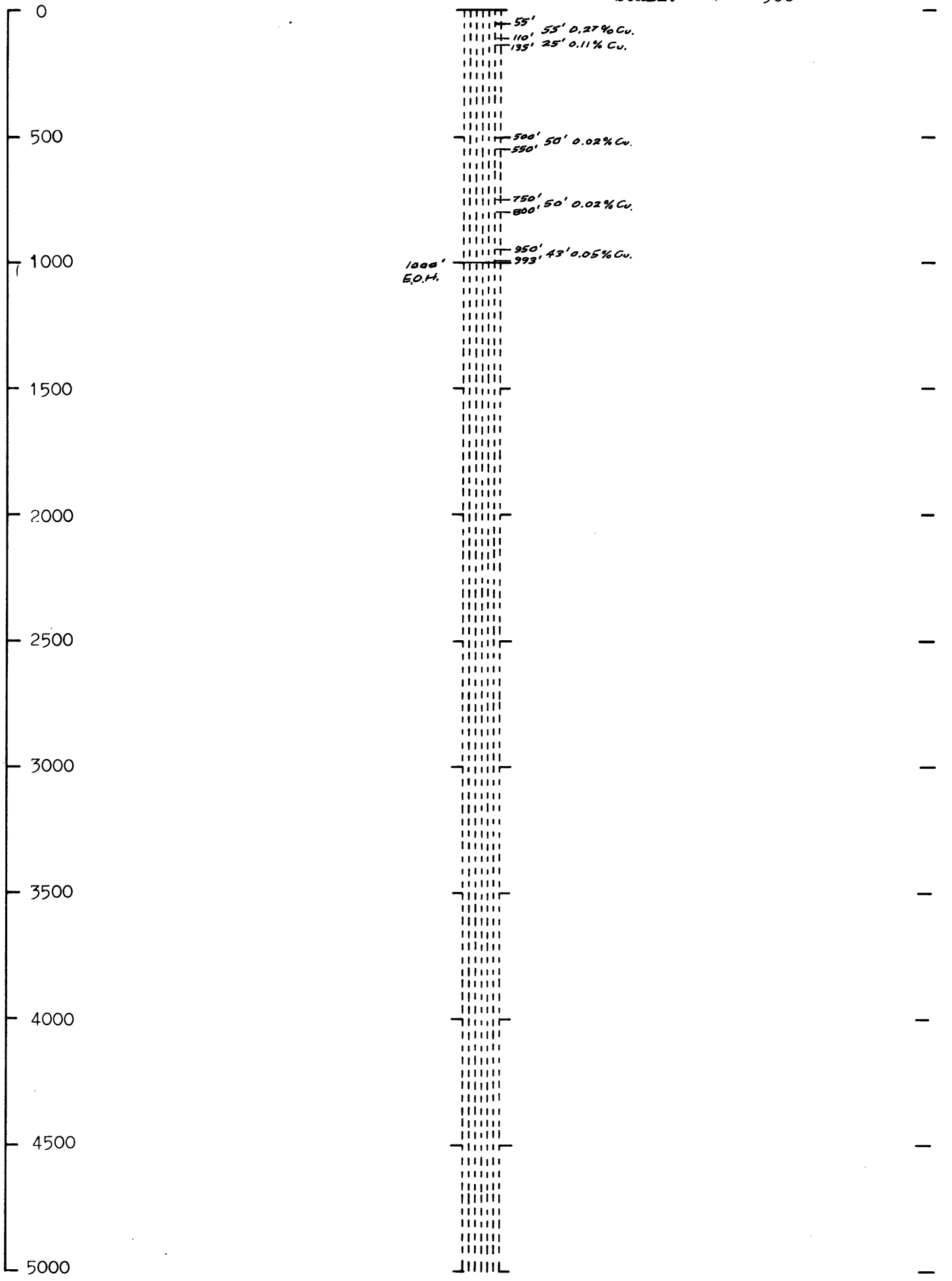
SCALE: 1" = 500'



RV 1

Rare Metals

SCALE: 1" = 500'



DDH RV-2 - SAN JUAN (RARE METALS)

Split Once

Condensed Log RR 4/27/61

Footage		% Cu	Sulfides	Oxides	Alt.
0-10	No Core			Cons. Li	Kaolin
10-40	QMP	?			
40-200	QMP	.1%	Ccp, Py	(See comments below)	
200-260	QMP	.25	Ccp, Py		
260-280	QMP	.1	Ccp, Py		
280-315	QMP	.25	Ccp, Py		
315-390	QMP	.35	Ccp, Py		
390-500	QMP	.25	Ccp, Py		
500-712	QMP	.3	Ccp, Py		

COMMENTS: Not much copper in upper part of hole. Oxidation penetrates rocks only near fractures even at shallow depths. Supergene alteration—kaolin near fractures. Hypogene alteration only near fractures to sericite and chlorite. Sericite more common. Thin quartz stringers more common at depth and carry most of the Ccp. Pyrite tends to be in fractures more commonly than disseminated. Ccp replaces biotite commonly. A little oxidation persits in fractures to bottom of hole. This rock is not as well fractured as andesite and is hence not such a good host. There is distinctly less bornite in this hole. More hematite stringers were noted. Away from fractures and their attendant alteration, either hypogene or supergene, the quartz monzonite has a decidedly fresh aspect.

...ty San Juan

...nty and State Graham, Arizona

Drill Hole No. RV-2

AVERAGES

Depth of Hole 715 f...

...ld Index System

...le No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %
	290-383	93	.32	
	455-490	35	.20	
	550-570	20	.11	
	570-590	20	.28	
	670-705	35	.20	

Property San Juan

County and State Graham, Arizona

Drill Hole No. KV-2

Depth of Hole 715 f

Grid Index System

Page 1 of 3

Hole No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %			Mo.%	Au. oz/ ton	Ag. oz/ ton		Rare Metals T.Cu%	TAC Assay Var.%
	10-15	5									0.10	
	15-20	5									0.25	
	20-25	5									0.13	
	25-30	5									0.13	
47	290-295	5	.28	.04			.002				0.22	+21
48	295-300	5	.40	.05			.001				0.38	+05
49	300-305	5	.38	.11			.001	Nil	.08		0.22	+42
50	305-310	5	.23	.07			<.001				0.25	-09
51	310-315	5	.56	.03			<.001				0.32	+43
52	315-320	5	.53	.06			.007	Nil	Tr.		0.38	+28
53	320-325	5	.29	.04			.001				0.25	+14
31	325-330	5	.40								0.12	+70
32	330-335	5	.32								0.06	+31
33	335-340	5	.31								0.38	-23
34	340-345	5	.25								0.16	+36
35	345-350	5	.21								0.32	-52
36	350-355	5	.46								0.19	+59
37	355-360	5	.17								0.19	-12
38	360-365	5	.21								0.25	-19
39	365-370	5	.38								0.32	+16
40	370-375	5	.18				<.001	Nil	.04		0.19	-06
15	353-363	10	.30	.02			.002					
16	363-373	10	.38	.03			.002	Nil	Tr.			
17	373-383	10	.21	.02			<.001					

Company and State Graham, Arizona — Depth of Hole RD-715

Field Index System — Page 2 of 3

Sample No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %			Mo.%	Au. oz/ ton	Ag. oz/ ton		Rare Metals T.Cu%	TAC Assay Var.%
3948	450-455	5	.04									
3949	455-460	5	.26	.03								
3950	460-465	5	.06									
3951	465-470	5	.11									
3952	470-475	5	.18									
953	475-480	5	.20									
954	480-485	5	.19									
955	485-490	5	.37	.05								
956	550-555	5.	.11									
957	555-560	5	.19				.001	Nil	Tr.			
958	560-565	5	.10									
959	565-570	5	.03									
960	570-575	5	.41	.04								
961	575-580	5	.15									
962	580-585	5	.24									
963	585-590	5	.30									
964	665-670	5	.07									
965	670-675	5	.22	.05								
966	675-680	5	.13									
67	680-685	5	.19				.001	.003	Tr.			
68	685-690	5	.29									
69	690-695	5	.21									
70	695-700	5	.14									
71	700-705	5	.20	.03								
72	705-710	5	.10									

nty and State Graham, Arizona

Depth of Hole RV-2 715

rld Index System

ple No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %			Mo.%	Au. oz/ ton	Ag. oz/ ton		Rare Metals T.Cu%	TAC Assay Var.%
3973	710-712	2	.13									

DDH RV-2 - SAN JUAN (RARE METALS)

Split Once — Condonsed Log RR 4/27/61

Footage		% Cu	Sulfides	Oxides	Alt.
0-10	No Core			Cons. Li	Kaolin
10-40	QMP	?			
40-200	QMP	.1%	Ccp, Py	(See comments below)	
200-260	QMP	.25	Ccp, Py		
260-280	QMP	.1	Ccp, Py		
280-315	QMP	.25	Ccp, Py		
315-390	QMP	.35	Ccp, Py		
390-500	QMP	.25	Ccp, Py		
500-712	QMP	.3	Ccp, Py		

COMMENTS: Not much copper in upper part of hole. Oxidation penetrates rocks only near fractures even at shallow depths. Supergene alteration—kaolin near fractures. Hypogene alteration only near fractures to sericite and chlorite. Sericite more common. Thin quartz stringers more common at depth and carry most of the Ccp. Pyrite tends to be in fractures more commonly than disseminated. Ccp replaces biotite commonly. A little oxidation persits in fractures to bottom of hole. This rock is not as well fractured as andesite and is hence not such a good host. There is distinctly less bornite in this hole. More hematite stringers were noted. Away from fractures and their attendant alteration, either hypogene or supergene, the quartz monzonite has a decidedly fresh aspect.

ity and State Graham, Arizona — Drill Hole No. RV-2

d Index System — Depth of Hole 715

le No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %	Mo.%	Au. oz/ ton	Ag. oz/ ton	Rare Metals T.Cu%	TAC Assa Var.%
	10-15	5						0.10	
	15-20	5						0.25	
	20-25	5						0.13	
	25-30	5						0.13	
47	290-295	5	.28	.04	.002			0.22	+21
48	295-300	5	.40	.05	.001			0.38	+05
49	300-305	5	.38	.11	.001	Nil	.08	0.22	+42
50	305-310	5	.23	.07	<.001			0.25	-09
51	310-315	5	.56	.03	<.001			0.32	+43
52	315-320	5	.53	.06	.007	Nil	Tr.	0.38	+28
53	320-325	5	.29	.04	.001			0.25	+14
31	325-330	5	.40					0.12	+70
32	330-335	5	.32					0.06	+S1
33	335-340	5	.31					0.38	-23
34	340-345	5	.25					0.16	+36
35	345-350	5	.21					0.32	-52
36	350-355	5	.46					0.19	+59
37	355-360	5	.17					0.19	-12
38	360-365	5	.21					0.25	-19
39	365-370	5	.38					0.32	+16
40	370-375	5	.18		<.001	Nil	.04	0.19	-05
15	353-363	10	.30	.02	.002				
16	363-373	10	.38	.03	.002	Nil	Tr.		
17	373-383	10	.21	.02	<.001				

mple No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %			Mo.%	Au. oz/ ton	Ag. oz/ ton		Rare Metals T.Cu%	TAC Assa Var.
3948	450-455	5	.04									
3949	455-460	5	.26	.03								
3950	460-465	5	.06									
3951	465-470	5	.11									
3952	470-475	5	.18									
3953	475-480	5	.20									
954	480-485	5	.19									
955	485-490	5	.37	.05								
956	550-555	5.	.11									
957	555-560	5	.19				.001	Nil	Tr.			
958	560-565	5	.10									
959	565-570	5	.03									
960	570-575	5	.41	.04								
961	575-580	5	.15									
962	580-585	5	.24									
963	585-590	5	.30									
964	665-670	5	.07									
965	670-675	5	.22	.05								
966	675-680	5	.13									
67	680-685	5	.19				.001	.003	Tr.			
68	685-690	5	.29									
69	690-695	5	.21									
70	695-700	5	.14									
71	700-705	5	.20	.03								
72	705-710	5	.10									

Depth of Hole 715

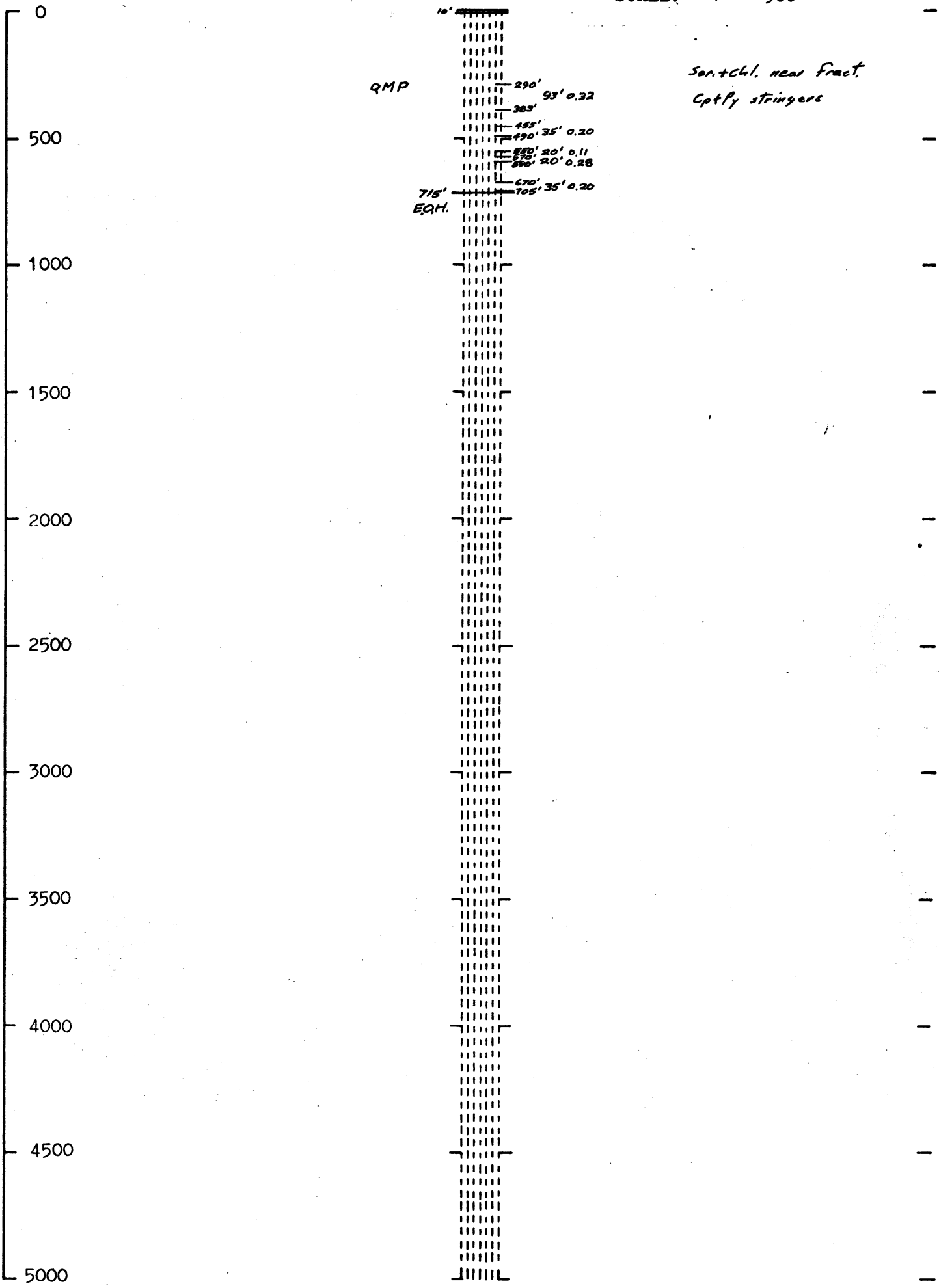
rld Index System

mple No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %			Mo.%	Au. oz/ ton	Ag. oz/ ton		Rare Metals T.Cu%	TAC Assa Var.
3973	710-712	2	.13									

RV2

SCALE: 1" = 500'

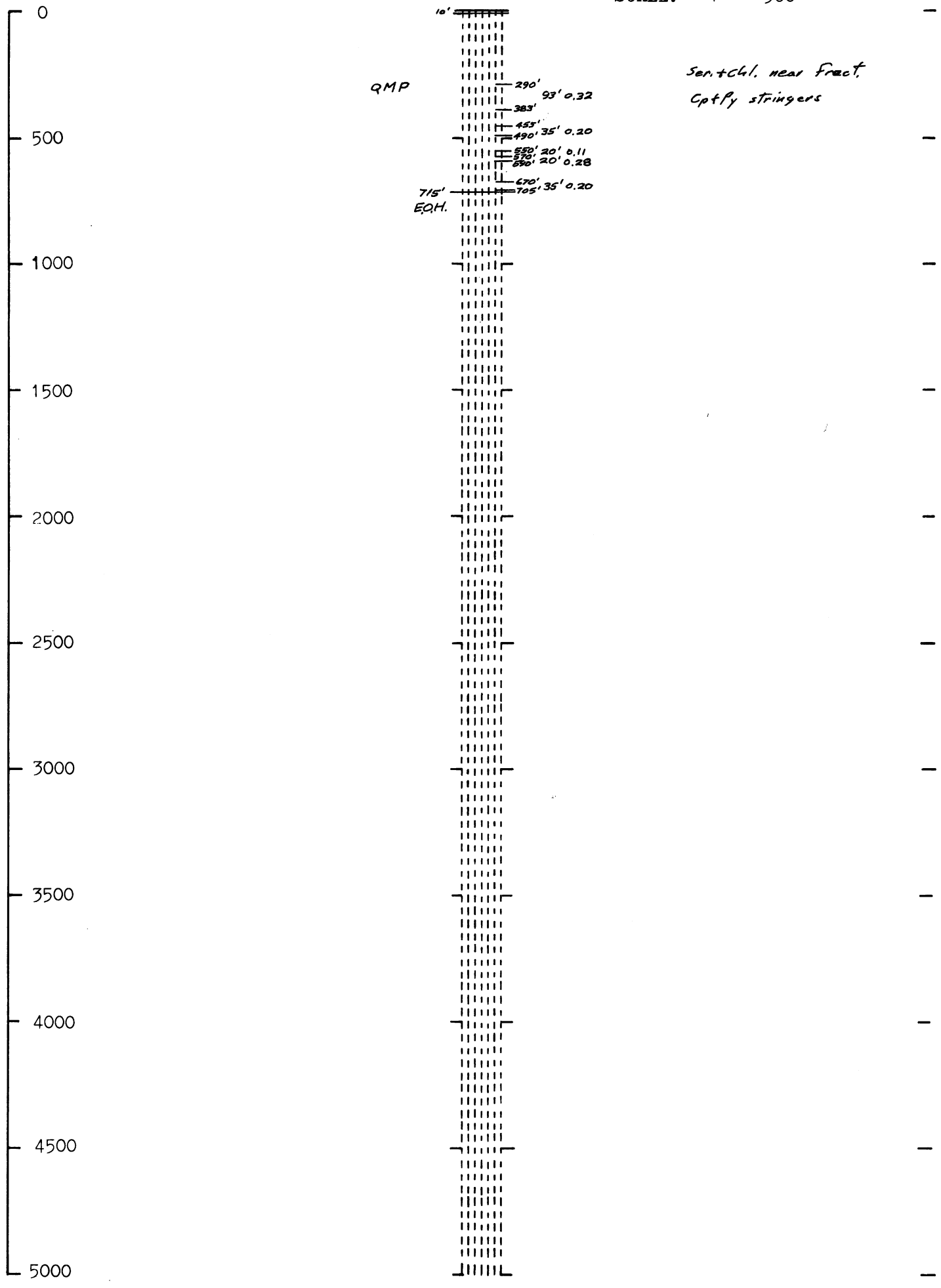
Ser.+Chl. near Fract.
Cpt/Py stringers



RV 2

Rare Metals

SCALE: 1" = 500'



AVERAGES

RV-3

County and State Graham, Arizona

Depth of Hole 789 ft.

World Index System

Sample No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %
	20-40	20	.24	.15
	40-160	120	.11	.09
	160-185	25	.23	.16
	185-200	15	.12	.12
	360-400	40	.13	
	460-500	40	.09	
	560-600	40	.06	
	660-700	40	.11	
	770-789	19	.07	

unty and State Graham, Arizona

orld Index System

ample No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %	Mo.%	Au. oz/ ton	Ag. oz/ ton	Rare Metals T.Cu%	TAC Assay Var.%
4071	20-25	5	.28	.17				.19	
4072	25-30	5	.26	.20				.19	
4074	30-35	5	.23	.13				.19	
4075	35-40	5	.20	.11					
4076	40-45	5	.14	.08					
4077	45-50	5	.07	.05				.22	
4078	50-55	5	.12	.10					
4079	55-60	5	.11	.08				.16	
4080	60-65	5	.10	.07	Nil	Nil	Tr.	.23	
4081	65-70	5	.09	.08				.16	
4082	70-75	5	.08	.07				.32	
4083	75-80	5	.08	.05				.19	
4084	80-85	5	.20	.19				.10	
4085	85-90	5	.11	.09				.10	
4086	90-95	5	.13	.11				.13	
4087	95-100	5	.14	.08				.13	
4088	100-105	5	.15	.06				.26	
4089	105-110	5	.16	.12				.10	
4090	110-115	5	.14	.12	Nil	Nil	Tr.	.10	
4091	115-120	5	.11	.09				.10	
4092	120-125	5	.06	.05				.10	
4093	125-130	5	.12	.10				.06	
4094	130-135	5	.08	.08				.19	
4095	135-140	5	.11	.10				.10	
4096	140-145	5	.12	.11				.10	
4097	145-150	5	.17	.14				.10	
4098	150-155	5	.05	.05				.06	
4099	155-160	5	.04	.04				.03	

County and State Graham, Arizona

Depth of Hole RV-3 836 ft.

World Index System

Sample No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %			Mo.%	Au. oz/ ton	Ag. oz/ ton		Rare Metals T.Cu%	TAC Assay Var.%
4100	160-165	5	.41	.17			.001	Nil	Tr.		.06	
4101	165-170	5	.28	.27							.10	
4102	170-175	5	.08	.03							.13	
4103	175-180	5	.13	.11							.19	
4104	180-185	5	.23	.20							.22	
4105	185-190	5	.16	.14							.16	
4106	190-195	5	.06	.06							.10	
4107	195-200	5	.15	.15							.32	
	200-205	5									.16	
	205-210	5									.19	
	210-215	5									.06	
	215-220	5									.12	
	220-225	5									.19	
	225-230	5									.10	
	230-235	5									.06	
	235-240	5									.19	
	240-245	5									.06	
	245-250	5									.16	
	250-255	5									.32	
	255-260	5									.16	
	260-265	5									.10	
	265-270	5									.19	
	270-275	5									.19	
	275-280	5									.10	
	280-285	5									.19	
	285-290	5									.13	
	290-295	5									.25	

County and State Graham, Arizona — Depth of Hole 836 ft.

RV-3

World Index System —

Sample No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %	Mo.%	oz/ton	Ag. oz/ton	(Rare Metals Interval ft.)	Rare Metals T.Cu%	TAC Assay Var.%
	295-300	5							.13	
	300-305	5							.83	
	305-310	5							.22	
	310-315	5							.10	
	315-320	5							.16	
	320-325	5							.22	
	325-330	5							.16	
	330-335	5							.51	
	335-340	5							.41	
	340-345	5							.22	
	345-350	5							.13	
	350-355	5							.38	
	355-360	5							.25	
4108	360-365	5	.10						.13	
4109	365-370	5	.13						.06	
4110	370-375	5	.10		<.001	Nil	Tr.		.45	
4111	375-377	2	.17					(375-380)	.35	
4112	377-385	8	.18	.03				(380-385)	.19	
4113	385-390	5	.10						.16	
4114	390-395	5	.09						.19	
4115	395-400	5	.17						.16	
	400-405	5							.35	
	405-410	5							.22	
	410-415	5							.13	
	415-420	5							.32	
	420-425	5							.16	
	425-430	5							.22	

County and State Graham, Arizona

Depth of hole

Field Index System

Sample No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %			Mo.%	Ag. oz/ ton	oz/ ton		Rare Metals T.Cu%	TAC Assay Var.%
	430-435	5									.32	
	435-440	5									.25	
	440-445	5									.10	
	445-450	5									.16	
	450-455	5									.25	
	455-460	5									.19	
4116	460-465	5	.08								.19	
4117	465-470	5	.13								.12	
4118	470-475	5	.14	.03							.31	
4119	475-480	5	.12								.38	
4120	480-485	5	.07				<.001	Nil	Tr.		.06	
4121	485-490	5	.04								.06	
4122	490-495	5	.07								.10	
4123	495-500	5	.06								.10	
	500-505	5									.10	
	505-510	5									.22	
	510-515	5									.25	
	515-520	5									.57	
	520-525	5									.35	
	525-530	5									.06	
	530-535	5									.19	
	535-540	5									.19	
	540-545	5									.25	
	545-550	5									.37	
	550-555	5									.48	
	555-560	5									.19	
4124	560-565	5	.07									

County and State Graham, Arizona — Depth of Hole RV-3 836 ft.

World Index System — Page 5 of 6

Sample No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %			Mo.%	Au. oz/ ton	Ag. oz/ ton		Rare Metals T.Cu%	TAC Assay Var.%
4125	565-570	5	.17	.02							.25	
4126	570-575	5	.06								.25	
4127	575-580	5	.03								.13	
4128	580-585	5	.08								.25	
4129	585-590	5	.04								.10	
4130	590-595	5	.02				.001	Nil	Tr.		.19	
4131	595-600	5	.04								.06	
	600-605	5									.16	
	605-610	5									.32	
	610-615	5									.19	
	615-620	5									.19	
	620-625	5									.16	
	625-630	5									.25	
	630-635	5									.19	
	635-640	5									.25	
	640-645	5									.22	
	645-650	5									.22	
	650-655	5									.32	
	655-660	5									.06	
4132	660-665	5	.12								.13	
4133	665-670	5	.03								.16	
4134	670-675	5	.17	.03							.32	
4135	675-680	5	.16								.38	
4136	680-685	5	.05								.25	
4137	685-690	5	.02								.13	
38	690-695	5	.07								.13	
4139	695-700	5	.27	.04							.19	

ounty and State Graham, Arizona Depth of Hole RV-3 836 ft.

Field Index System

Sample No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %			Mo.%	Au. oz/ ton	Ag. oz/ ton	Rare Metals Interval ft.)	Rare Metals T.Cu%	TAC Assay Var.%
	700-705	5									.19	
	705-710	5									.22	
	710-715	5									.13	
	715-720	5									.16	
	720-725	5									.25	
	725-730	5									.10	
	730-735	5									.19	
	735-740	5									.25	
	740-745	5									.16	
	745-750	5									.25	
	750-755	5									.16	
	755-760	5									.38	
	760-765	5									.13	
	765-770	5									.19	
4140	770-775	5	.08				<.001	Nil	Tr.		.32	
4141	775-780	5	.07								.25	
4142	780-785	5	.08								.22	
4143	785-789	4	.04							(785-790)	.32	
	790-795	5									.51	
	795-800	5									.35	
	800-805	5									.25	
	805-810	5									.35	
	810-815	5									.32	
	815-820	5									.51	
	820-825	5									.54	
	825-830	5									.35	
	830-835	5									.64	
	835-836	1									.16	

County and State Graham, Arizona

RV-3

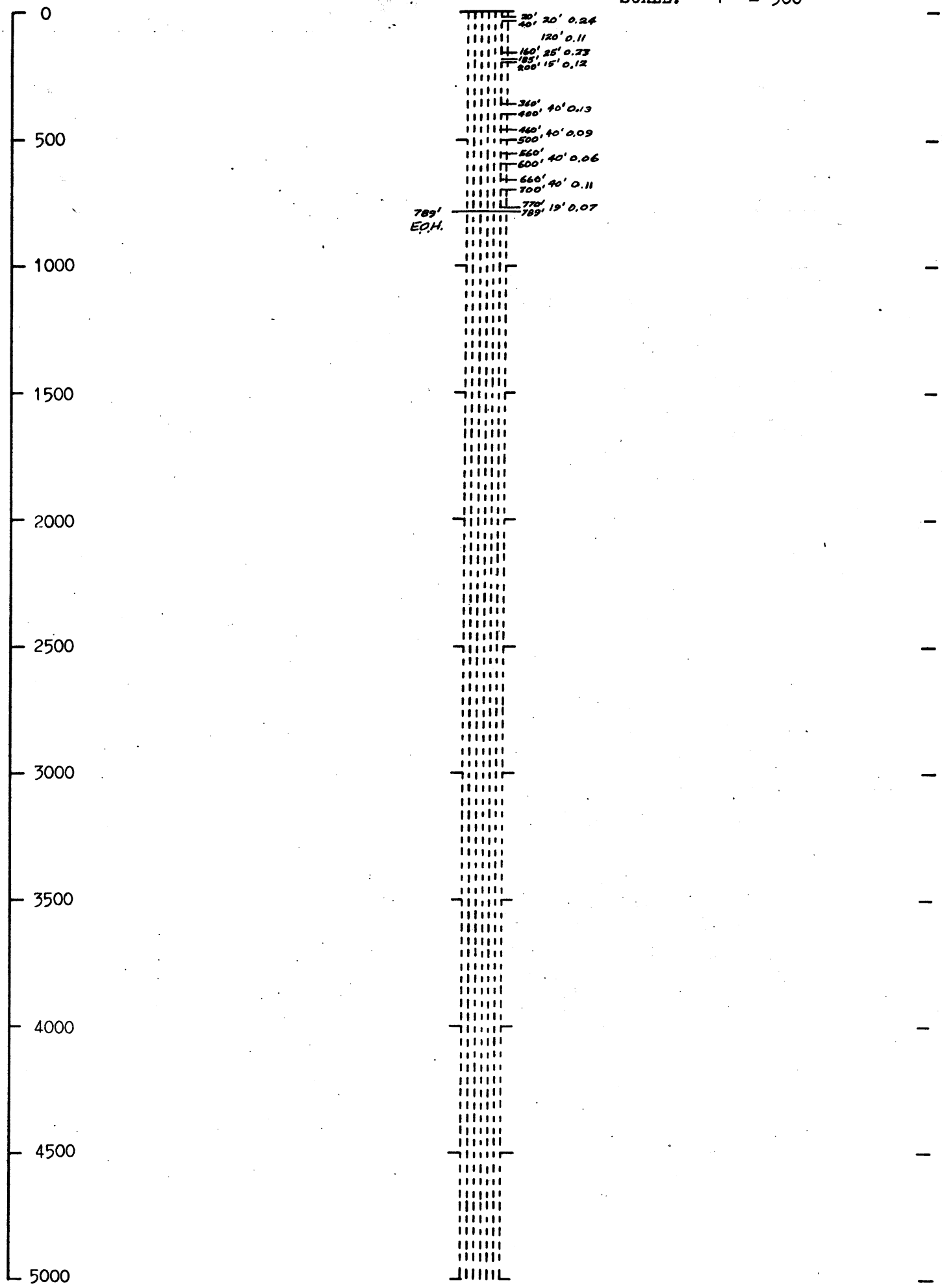
Depth of Hole 789 ft.

World Index System

Sample No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %
	20-40	20	.24	.15
	40-160	120	.11	.09
	160-185	25	.23	.16
	185-200	15	.12	.12
	360-400	40	.13	
	460-500	40	.09	
	560-600	40	.06	
	660-700	40	.11	
	770-789	19	.07	

RV3

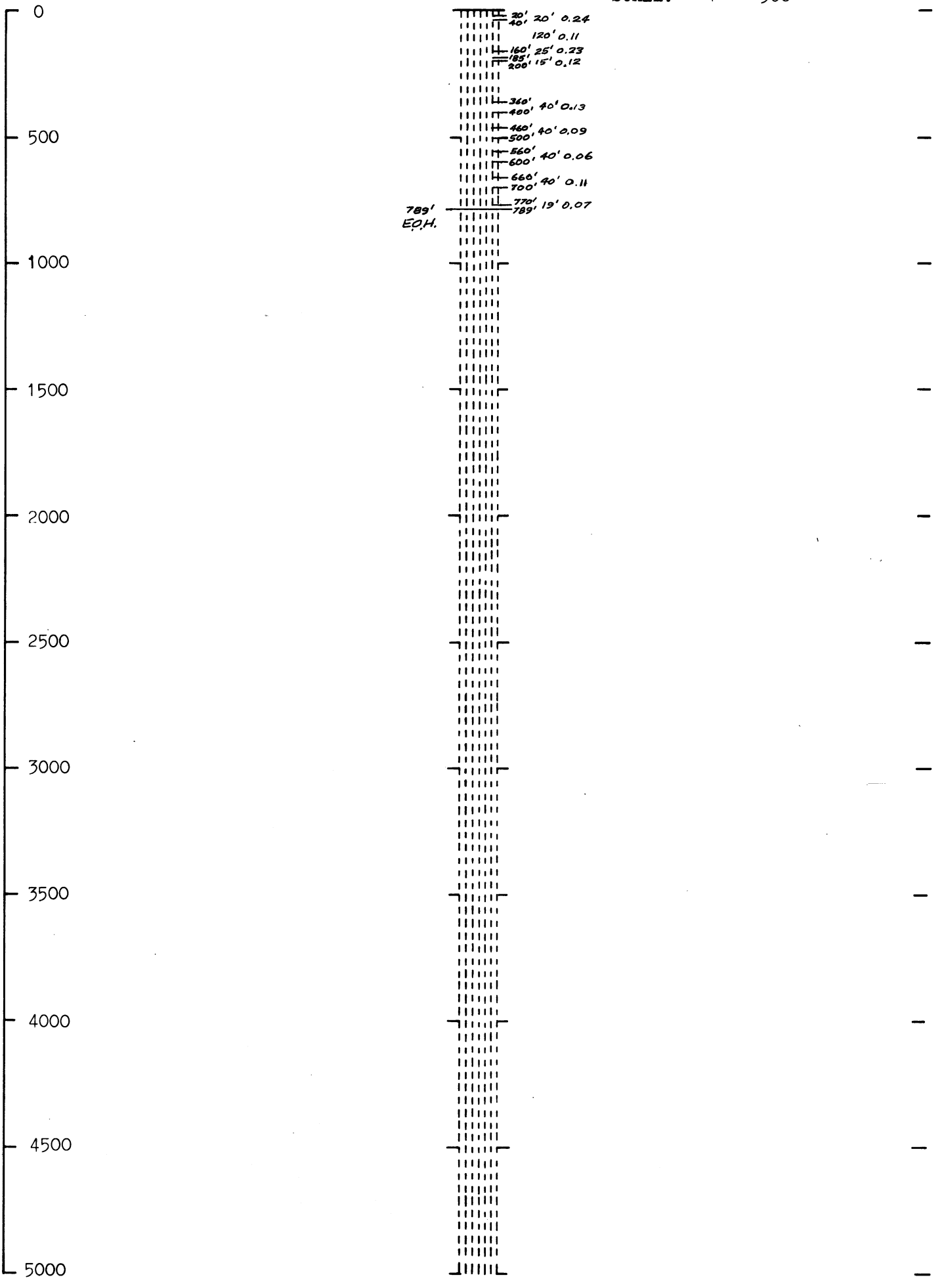
SCALE: 1" = 500'



RV3

Rare Metals

SCALE: 1" = 500'



AVERAGES

County and State Graham, Arizona

Depth of Hole RH-4 1000 ft.

Field Index System

Page 1 of 1

Hole No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %						T	Rare Metals Cu %	TAC Assay Value
	800-850	50	.24								.38	-58
	850-865	15	.12								.19	-58
	865-960	95	.32								.45	-41
	865-940	75	.28									
	940-955	15	.57								.50	+12
	960-1000	40	.19								.30	-58

perty and State [illegible] RV-4 Depth of Hole [illegible] 1000 ft

Grid Index System

Hole No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %						T	Rare Metals Cu %	TAC Assay
	800-850	50	.24								.38	-53
	850-865	15	.12								.19	-58
	865-960	95	.32								.45	-41
	865-940	75	.28									
	940-955	15	.57								.50	+12
	960-1000	40	.19								.30	-58

...ney and State Graham, Arizona KV-4 Depth of Hole 1000 f

...orld Index System Page 1 of 2

...le No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %			%	Au. oz/ ton	Ag. oz/ ton		Rare Metals T.Cu%	TAC Assay Var.%
4282	800-805	5	.26								0.48	-85
4283	805-810	5	.24								0.38	-58
4284	810-815	5	.26								0.35	-35
4285	815-820	5	.19								0.42	-121
4286	820-825	5	.31	.13							0.19	+39
4287	825-830	5	.10								0.51	-410
4288	830-835	5	.15								0.38	-153
4289	835-840	5	.21								0.32	-52
4290	840-845	5	.35				<.001	Nil	Tr.		0.28	+20
4291	845-850	5	.37	.16							0.48	-30
4292	850-855	5	.14								0.19	-36
4293	855-860	5	.13								0.19	-46
4294	860-865	5	.10								0.19	-90
4295	865-870	5	.26								0.38	-46
4296	870-875	5	.18								0.45	-150
4297	875-880	5	.30								0.13	+57
4298	880-885	5	.36	.03							0.45	-25
4299	885-890	5	.30								0.35	-17
4300	890-895	5	.20				.001	Nil	Tr.		0.42	-110
4401	895-900	5	.24								0.45	-88
4402	900-905	5	.23								0.57	-148
4403	905-910	5	.18								0.25	-39
4404	910-915	5	.29								0.38	-31
4405	915-920	5	.26								0.38	-46
3455	920-925	5	.45	.06			.001				0.41	+09
3456	925-930	5	.31				.002				0.64	-106
3457	930-935	5	.33	.11			<.001	Nil	.04		0.61	-85
3458	935-940	5	.35				<.001				0.77	-120
3459	940-945	5	.55				.001				0.29	+47

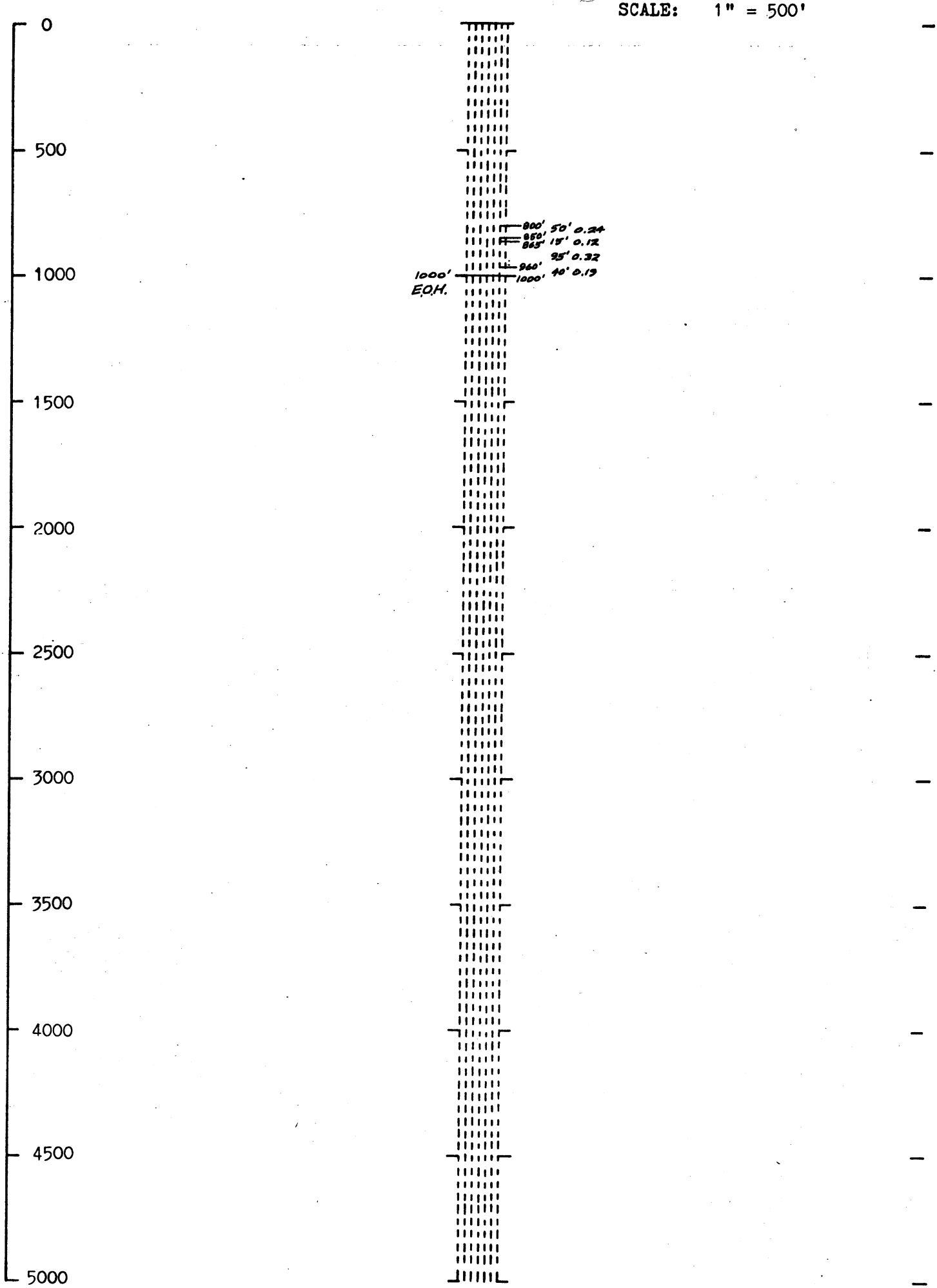
County and State [illegible], Arizona — Depth of Hole 1000 ft

World Index System — Page 2 of 2

Sample No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %	Mo %	Au. oz/ton	Ag. oz/ton	Rare Metals Assays T.Cu%	TAC Assays Var.%
60	945-950	5	.74	.04	.003			0.80	-08
3461	950-955	5	.41		.002			0.41	-
3462	955-960	5	.21		Nil	Nil	Tr.	0.45	-114
3463	960-965	5	.08		Nil			0.35	-338
3464	965-970	5	.20		Nil			0.41	-105
3465	970-975	5	.07		<.001			0.16	-129
3466	975-980	5	.22		.003			0.13	+41
3467	980-985	5	.22		.004	Nil	Tr.	0.32	-45
3468	985-990	5	.22		<.001			0.54	-145
3469	990-995	5	.16		Nil			0.22	-38
3470	995-1000	5	.36		<.001			0.25	+31

RV 4

SCALE: 1" = 500'



Property San Juan

Drill Hole No. RV-4

County and State Graham, Ariz.

Depth of Hole 1000 ft.

World Index System

Sample No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %			Mo.%	Au. oz/ton	Ag. oz/ton		Rare Metals T.Cu%	TAC Assay Var.%
4282	800-805	5	.26								0.48	-85
4283	805-810	5	.24								0.38	-58
4284	810-815	5	.26								0.35	-35
4285	815-820	5	.19								0.42	-121
4286	820-825	5	.31	.13							0.19	+39
4287	825-830	5	.10								0.51	-410
4288	830-835	5	.15								0.38	-153
4289	835-840	5	.21								0.32	-52
4290	840-845	5	.35				<.001	Nil	Tr.		0.28	+20
4291	845-850	5	.37	.16							0.48	-30
4292	850-855	5	.14								0.19	-36
4293	855-860	5	.13								0.19	-46
4294	860-865	5	.10								0.19	-90
4295	865-870	5	.26								0.38	-46
4296	870-875	5	.18								0.45	-150
4297	875-880	5	.30								0.13	+57
4298	880-885	5	.36	.03							0.45	-25
4299	885-890	5	.30								0.35	-17
4300	890-895	5	.20				.001	Nil	Tr.		0.42	-110
4401	895-900	5	.24								0.45	-88
4402	900-905	5	.23								0.57	-148
4403	905-910	5	.18								0.25	-39
4404	910-915	5	.29								0.38	-31
4405	915-920	5	.26								0.38	-46
3455	920-925	5	.45	.06			.001				0.41	+09
3456	925-930	5	.31				.002				0.64	-106
3457	930-935	5	.33	.11			<.001	Nil	.04		0.61	-85
3458	935-940	5	.35				<.001				0.77	-120
3459	940-945	5	.55				.001				0.29	+47

County, and State Graham, Arizona

Depth of Hole RV-4 1000 ft.

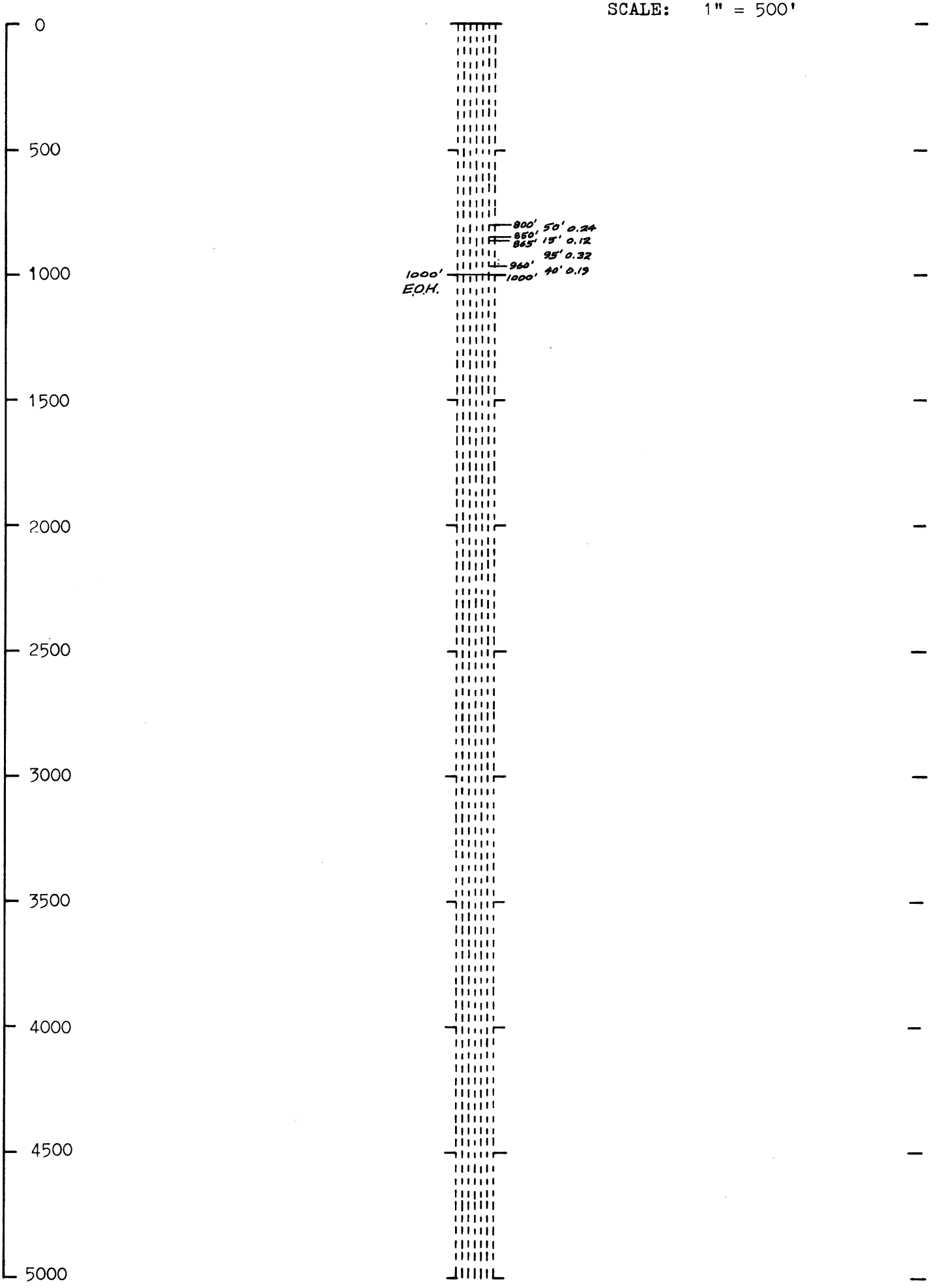
World Index System

Sample No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %			Mo %	Au. oz/ton	Ag. oz/ton		Rare Metals T.Cu%	TAC Assays Var.%
3460	945-950	5	.74	.04			.003				0.80	-08
3461	950-955	5	.41				.002				0.41	-
3462	955-960	5	.21				Nil	Nil	Tr.		0.45	-114
3463	960-965	5	.08				Nil				0.35	-338
3464	965-970	5	.20				Nil				0.41	-105
3465	970-975	5	.07				<.001				0.16	-129
3466	975-980	5	.22				.003				0.13	+41
3467	980-985	5	.22				.004	Nil	Tr.		0.32	-45
3468	985-990	5	.22				<.001				0.54	-145
3469	990-995	5	.16				Nil				0.22	-38
3470	995-1000	5	.36				<.001				0.25	+31

RV 4

Rare Metals

SCALE: 1" = 500'



AVERAGES

RV-5

Depth of Hole 991 ft.

Page 1 of 1

ounty and State Graham, Ari[illegible]

orld Index System

ample No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %	Rare Metal [illegible]	TAC Assay Ver. %
	500-590	90	.34		.42	-24
	[illegible]	[illegible]	[illegible]			
	520-560	40	.45		.50	-11
	[illegible]	[illegible]	[illegible]			
	590-665	75	.50		.48	+04
	665-690	25	.34		.36	-06
	690-715	25	.74		.67	+09
	715-770	55	.35		.48	-37
	500-770	270	.42		.47	-12
	850-900	50	.29		.44	-52
	980-988	8	.23			

Hole No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %			Mo.%	Au. oz/ton	Ag. oz/ton		Rare Earths	TAC Assay
											T.Cu%	Var.%
472	500-505	5	.39				.004				0.54	-38
	515-510	5	.18				<.001				0.29	-61
474	510-515	5	.23				.003	Nil	Tr.		0.29	-26
475	515-520	5	.20				.002				0.54	-170
476	520-525	5	.57	.09			<.001				0.77	-35
477	525-530	5	.78				.002				0.96	-23
478	530-535	5	.35				<.001				0.38	-09
479	535-540	5	.36				<.001	Nil	Tr.		0.19	-47
480	540-545	5	.35				Nil				0.35	-
481	545-550	5	.23				.002				0.48	-109
482	550-555	5	.44				Nil				0.73	-66
483	555-560	5	.55				<.001				0.13	+76
484	560-565	5	.14				Nil	Nil	Tr.		0.38	-171
485	565-570	5	.16				Nil				0.32	-100
	570-575	5	.25				<.001				0.29	-16
487	575-580	5	.13				<.001				0.16	-23
488	580-585	5	.38				<.001				0.35	+08
489	585-590	5	.35				<.001	Nil	.04		0.38	-09
490	590-595	5	.44				.001				0.19	+57
491	595-600	5	.48				<.001				0.47	+02
492	600-605	5	.56	.05			Nil				0.32	+43
493	605-610	5	.52				<.001				0.47	+10
494	610-615	5	.32				Nil	Nil	Tr.		0.38	-19
495	615-620	5	.55				Nil				0.32	+42
496	620-625	5	.41				Nil				0.22	+46
497	625-630	5	.39				Nil				0.38	+03
498	630-635	5	.52				Nil				0.19	+63
9	635-640	5	.57	.04			Nil	Nil	.04		0.85	-49

unty and State Graham, Arizona — Depth of Hole RV-5 991 ft.

eld Index System — Page 2 of 3

ple No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %			Mo.%	oz/ ton	Ag. oz/ ton		Calc Metals	TAC Assay
											1.00%	Var.%
	640-645	5	.78				Nil				0.58	+26
601	645-650	5	.52				.001				0.35	+33
602	650-655	5	.44				.002				1.30	-195
603	655-660	5	.46				Nil				0.72	-57
3604	660-665	5	.50	.07			Nil	Nil	.06		0.51	-02
605	665-670	5	.38				<.001				0.57	-50
606	670-675	5	.31				Nil				0.16	+48
607	675-680	5	.58				<.001				0.53	+09
608	680-685	5	.21				<.001				0.25	-19
609	685-690	5	.20				Nil	Nil	Tr.		0.28	-40
610	690-695	5	.53				Nil				0.47	+11
611	695-700	5	1.02				Nil				0.85	+17
612	700-705	5	.67				<.001				0.70	-04
	705-710	5	.68				<.001	Nil	Tr.		0.45	+34
614	710-715	5	.81				.001				0.90	-11
---	715-722	7	No core available									
260	722-725	3	.28				.002	Nil	Tr.			
261	725-730	5	.10								0.20	-100
262	730-735	5	.21								0.25	-19
263	735-740	5	.16								0.35	-119
264	740-745	5	.75	.20							0.20	+73
265	745-750	5	.59								0.25	+58
266	750-755	5	.27								1.05	-289
267	755-760	5	.18								0.70	-289
268	760-765	5	.19								0.48	-153
269	765-770	5	.42	.11							0.64	-52
270	850-855	5	.27				.003	.003	Tr.		1.15	-326

County and State Graham, Arizona — Depth of Hole RV-5 991 ft.

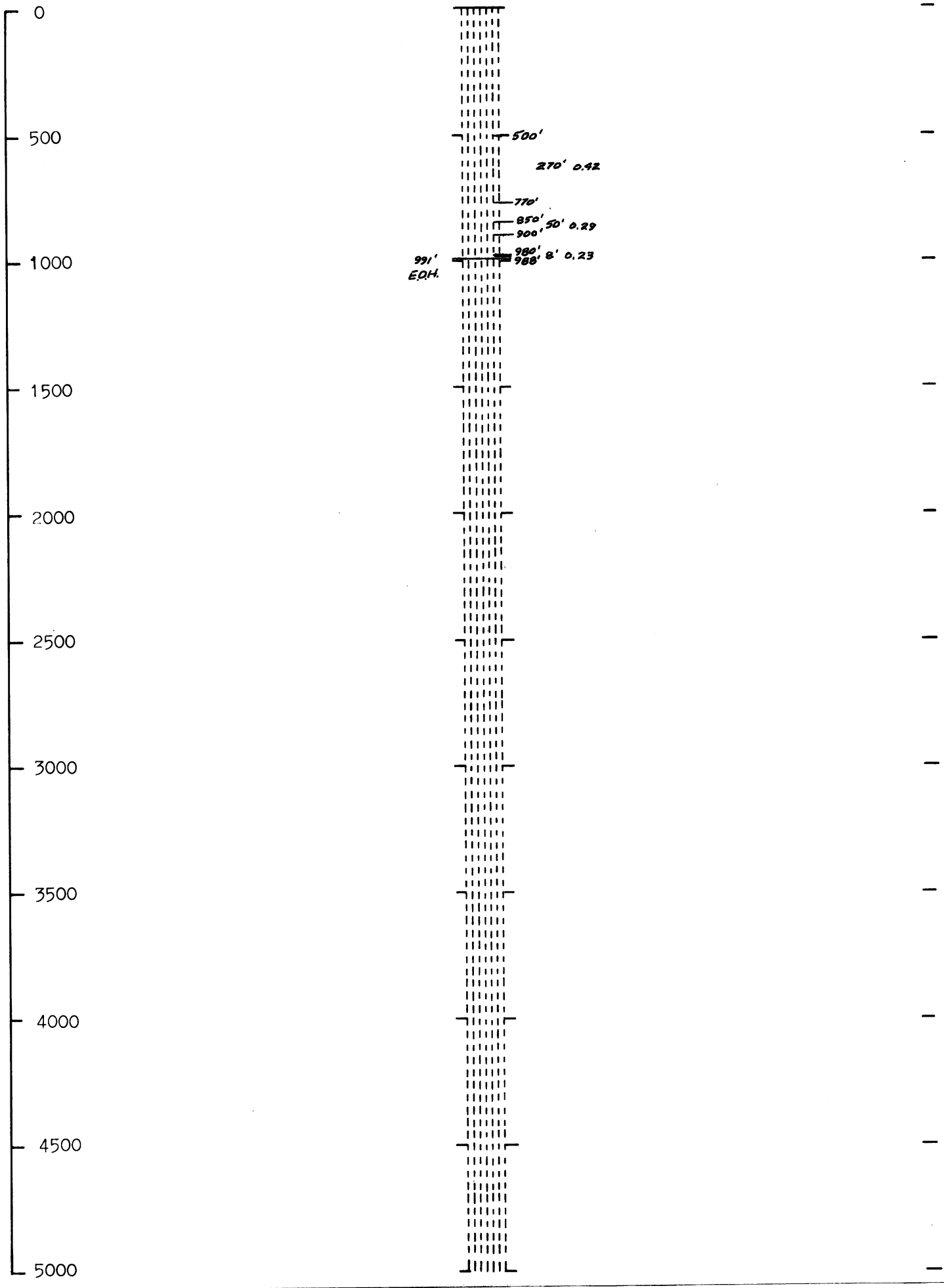
Field Index System — Page 3 of 3

Sample No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %			Mo.%	Au. oz/ ton	Ag. oz/ ton		Rare Metals	TAC Assay
											T. Cu%	Var.%
	855-860	5	.38								0.98	-158
4272	860-865	5	.31								0.64	-106
4273	865-870	5	.21								0.19	+10
4274	870-875	5	.17								0.25	-47
4275	875-880	5	.27								0.16	+41
4276	880-885	5	.25								0.13	+48
4277	885-890	5	.31								0.42	-35
4278	890-895	5	.36	.05							0.32	+11
4279	895-900	5	.38								0.16	+58
4280	980-984	4	.16				<.001	.003	Tr.			
4281	984-988	4	.29									

RV 5

Rare Metals

SCALE: 1" = 500'



ounty and State Graham, Arizona AVERAGES RV-5 Depth of Hole 991 ft

orld Index System

mple No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %							Rare Metal	TAC Assay
	500-590	90	.34								.42	-24
	[illegible]	[illegible]	[illegible]									
	520-560	40	.45								.50	-11
	[illegible]	[illegible]	.24									
	590-665	75	.50								.48	+04
	665-690	25	.34								.36	-06
	690-715	25	.74								.67	+09
	715-770	55	.35								.48	-37
	500-770	270	.42								.47	-12
	850-900	50	.29								.44	-52
	980-988	8	.23									

Sulphide System

Sample No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %			Mo.%	oz/ton	oz/ton		Rare Metals	TAC Assay
											F.Cu%	Var.%
[illegible]	500-505	5	.39				.004				0.54	-38
	515-510	5	.18				<.001				0.29	-61
474	510-515	5	.23				.003	Nil	Tr.		0.29	-26
475	515-520	5	.20				.002				0.54	-170
476	520-525	5	.57	.09			<.001				0.77	-35
477	525-530	5	.78				.002				0.96	-23
478	530-535	5	.35				<.001				0.38	-09
479	535-540	5	.36				<.001	Nil	Tr.		0.19	-47
480	540-545	5	.35				Nil				0.35	-
481	545-550	5	.23				.002				0.48	-109
482	550-555	5	.44				Nil				0.73	-66
483	555-560	5	.55				<.001				0.13	+76
484	560-565	5	.14				Nil	Nil	Tr.		0.38	-171
485	565-570	5	.16				Nil				0.32	-100
	570-575	5	.25				<.001				0.29	-16
487	575-580	5	.13				<.001				0.16	-23
488	580-585	5	.38				<.001				0.35	+08
489	585-590	5	.35				<.001	Nil	.04		0.38	-09
490	590-595	5	.44				.001				0.19	+57
491	595-600	5	.48				<.001				0.47	+02
492	600-605	5	.56	.05			Nil				0.32	+43
493	605-610	5	.52				<.001				0.47	+10
494	610-615	5	.32				Nil	Nil	Tr.		0.38	-19
495	615-620	5	.55				Nil				0.32	+42
496	620-625	5	.41				Nil				0.22	+46
497	625-630	5	.39				Nil				0.38	+03
498	630-635	5	.52				Nil				0.19	+63
9	635-640	5	.57	.04			Nil	Nil	.04		0.85	-49

unty and State Graham, Arizona — Depth of Hole RV-5 991 ft

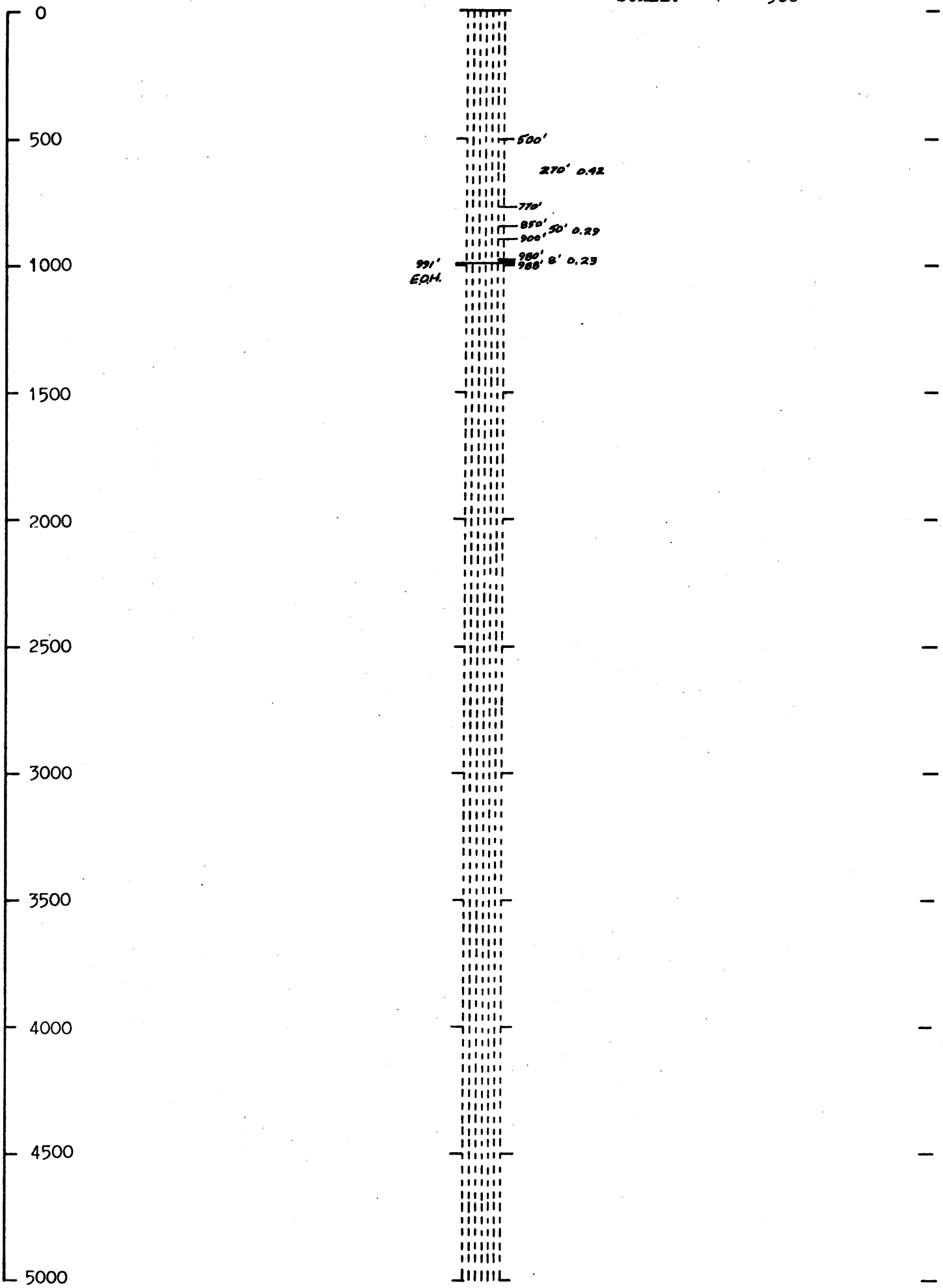
rld Index System — Page 2 of 3

mple No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %			Mo.%	Au. oz/ ton	Ag. oz/ ton		Rare Metals	TAC Assay Var. %
	640-645	5	.78				Nil				0.58	+26
601	645-650	5	.52				.001				0.35	+33
602	650-655	5	.44				.002				1.30	-195
603	655-660	5	.46				Nil				0.72	-57
3604	660-665	5	.50	.07			Nil	Nil	.06		0.51	-02
605	665-670	5	.38				<.001				0.57	-50
3606	670-675	5	.31				Nil				0.16	+48
3607	675-680	5	.58				<.001				0.53	+09
608	680-685	5	.21				<.001				0.25	-19
609	685-690	5	.20				Nil	Nil	Tr.		0.28	-40
610	690-695	5	.53				Nil				0.47	+11
611	695-700	5	1.02				Nil				0.85	+17
612	700-705	5	.67				<.001				0.70	-04
	705-710	5	.68				<.001	Nil	Tr.		0.45	+34
614	710-715	5	.81				.001				0.90	-11
---	715-722	7	No core available									
260	722-725	3	.28				.002	Nil	Tr.			
261	725-730	5	.10								0.20	-100
262	730-735	5	.21								0.25	-19
263	735-740	5	.16								0.35	-119
264	740-745	5	.75	.20							0.20	+73
265	745-750	5	.59								0.25	+58
266	750-755	5	.27								1.05	-289
267	755-760	5	.18								0.70	-289
268	760-765	5	.19								0.48	-153
269	765-770	5	.42	.11							0.64	-52
270	850-855	5	.27				.003	.003	Tr.		1.15	-326

mple No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %			Mo.%	u. oz/ ton	Ag. oz/ ton		Rare Metals T.Cu%	TAC Assay Var.%
	855-860	5	.38								0.98	-153
4272	860-865	5	.31								0.64	-106
4273	865-870	5	.21								0.19	+10
4274	870-875	5	.17								0.25	-47
4275	875-880	5	.27								0.16	+41
4276	880-885	5	.25								0.13	+48
4277	885-890	5	.31								0.42	-35
4278	890-895	5	.36	.05							0.32	+11
4279	895-900	5	.38								0.16	+58
4280	980-984	4	.16				<.001	.003	Tr.			
4281	984-988	4	.29									

RV 5

SCALE: 1" = 500'



DDH RV—6 - SAN JUAN (RARE METALS)

Split twice

Condensed Log RR 4/26/61

Footage		% Cu	Sulfides	Oxides
0-95	No Core			
95-107	QMP, alt. kaol + sil	.3	Ccp, Bn, Py	Li on fracs
107-117	And, sil & carb. veinlets	.3	Ccp, Bn, Py	Ccp & Bn boxworks
117-177	" " "	.1	? ? ?	Cons. Li + Cu
177-235	" " "	.2	? ? ?	Cons. Li + Cu
235-309	" sil. veinlets	.2	Ccp, Bn, Py	Lt. Li + Cu
309-339	" " "	.2	- - -	Cons. Li + Cu
339-409	" " "	.2	Ccp, Bn, Py	Lt. Li + Cu
409-460	" " "	.3	" " "	
460-470	" " (Bn) "	.4	" " "	
470-498	" " "	.3	" " "	Tr Li
498-537	" " "	.2	" " "	
537-547	" " "	.3	" " "	
547-567	" " "	.2	" " "	
567-602	" " "	.3	" " "	
602-641	" " "	.5	" " "	
641-651	" " "	.6	" " "	
651-712	" " "	.4	" " "	
712-748	" " "	.3	" " "	
748-758	" " "	.5	" " "	
758-768	" " "	.3	" " "	
TD				

unty and State Graham, Arizona — Depth of Hole 1033 ft.

Field Index System — Page 1 of 1

Sample No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %	Rare Metals	TAC Assay
					%T Cu	Ver. %
	460-545	85	.26		.34	-31
	850-888	38	.23		.36	-09
	980-1033	53	.33			

World Index System

Sample No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %			Mo.%	Ag. oz/ton			Kaye Metal T. Cu%	TAC Assay Tac.%
[illegible]	460-465	5	.38								0.35	+08
4407	465-470	5	.26								0.45	-73
----	470-480	10	No core available									
4408	480-485	5	.26								0.25	+04
4409	485-490	5	.21								0.42	-100
4410	490-495	5	.16				<.001	Nil	.04		0.19	-19
4411	495-500	5	.28	.03							0.32	-14
4412	500-505	5	.20								0.35	-75
4413	505-510	5	.21								0.16	+24
4414	510-515	5	.27								0.32	-19
4415	515-520	5	.14								0.29	-107
4416	520-525	5	.26								0.35	-35
4417	525-530	5	.28	.01							0.42	-50
[illegible]	530-535	5	.23								0.32	-39
4419	535-540	5	.25								0.22	+12
4420	540-545	5	.20				<.001	Nil	Tr.		0.57	-185
4421	850-855	5	.30								0.24	+20
4422	855-860	5	.17								0.24	-41
4423	860-865	5	.32								0.30	+06
4424	865-870	5	.14								0.36	-157
4425	870-875	5	.36	.01							0.24	+33
4426	875-880	5	.14								0.24	-71
4427	880-885	5	.19								0.30	-58
4428	885-888	3	.22									
[illegible]	980-985	5	.34									
4430	985-990	5	.40	.02			<.001	.003	Tr.			

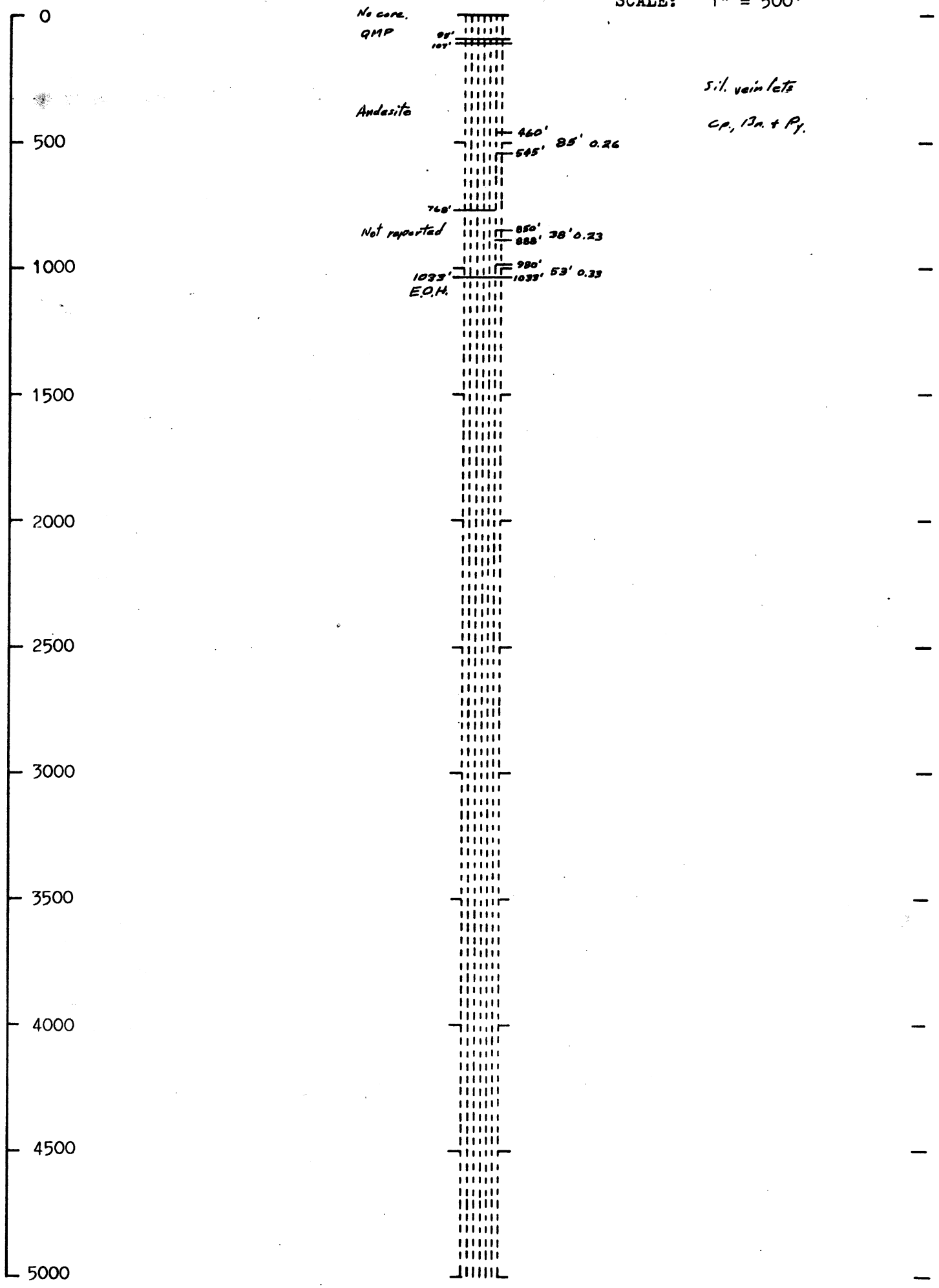
County and State Graham, Arizona — Depth of hole

World Index System — Page 2 of 2

Sample No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %			Mo.%	Ag. oz/ ton			Rare Metals T.Cu%	TAC Assay Var.%
1	990-995	5	.19								0.19	-
4432	995-1000	5	.13								0.32	-146
4433	1000-1005	5	.28								0.38	-36
4434	1005-1010	5	.83	.03							0.76	+08
4435	1010-1015	5	.45								0.42	+07
4436	1015-1020	5	.36								0.30	+17
4437	1020-1025	5	.21								0.38	-81
4438	1025-1030	5	.13								0.24	-85
4439	1030-1033	3	.30								0.48	-60
			8.59								11.20	
											+30%	-- 7

RV 6

SCALE: 1" = 500'



County and State Graham, Arizona Depth of Hole RV-6 1033 ft.

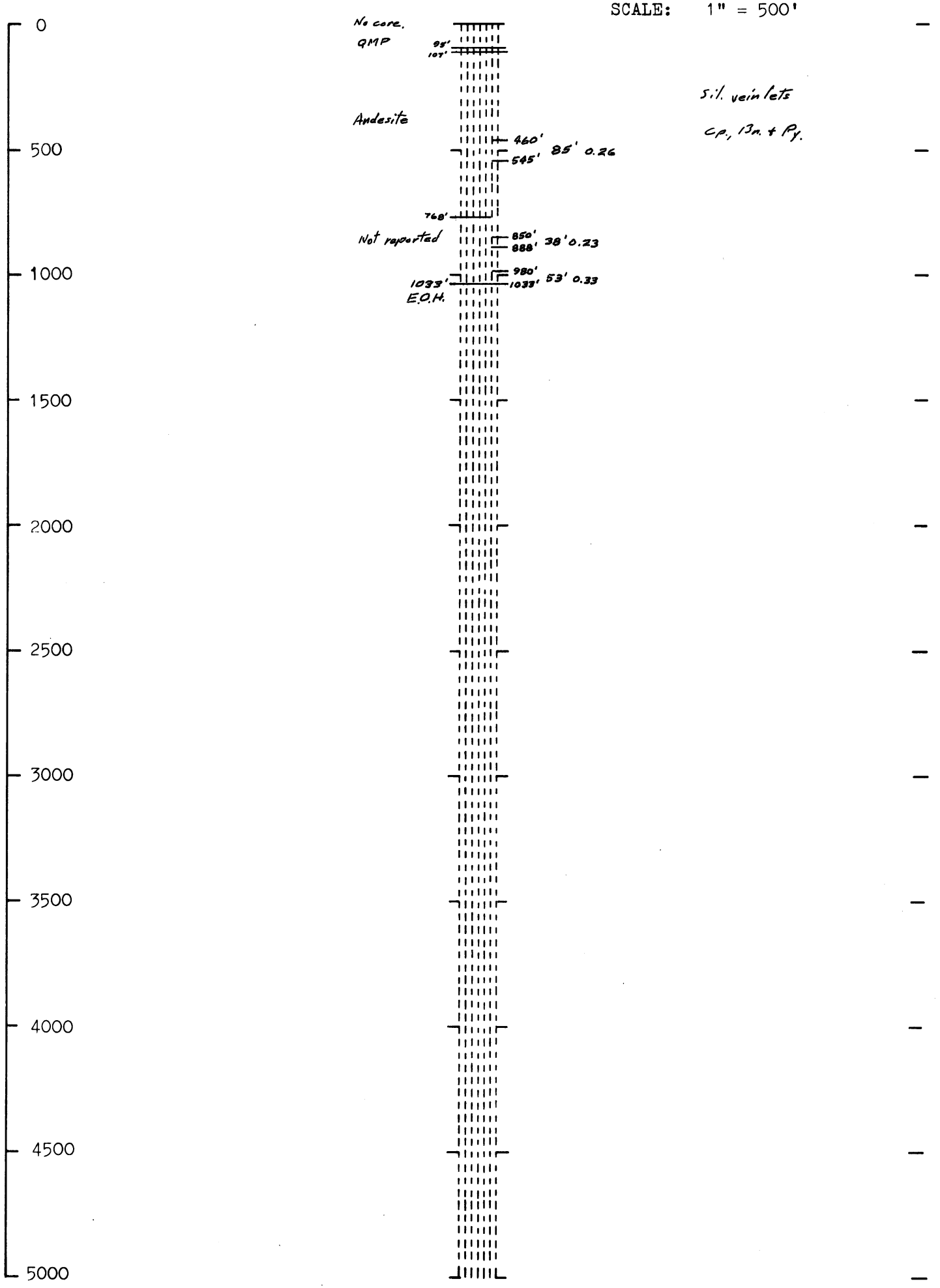
World Index System Page 2 of 2

Sample No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %			Mo. %	Au. oz/ ton	Ag. oz/ ton		Rare Metals T. Cu%	TAC Assay Var. %
4431	990-995	5	.19								0.19	-
4432	995-1000	5	.13								0.32	-146
4433	1000-1005	5	.28								0.38	-36
4434	1005-1010	5	.83	.03							0.76	+08
4435	1010-1015	5	.45								0.42	+07
4436	1015-1020	5	.36								0.30	+17
4437	1020-1025	5	.21								0.38	-81
4438	1025-1030	5	.13								0.24	-85
4439	1030-1033	3	.30								0.48	-60
			8.59								11.20	
											+30%	+70%

RV 6

Rare Metals

SCALE: 1" = 500'



DDH RV--6 - SAN JUAN (RARE METALS)

Split twice

Condensed Log RR 4/26/61

Footage		% Cu	Sulfides	Oxides
0-95	No Core			
95-107	QMP, alt. kaol + sil	.3	Ccp, Bn, Py	Li on fracs
107-117	And, sil & carb. veinlets	.3	Ccp, Bn, Py	Ccp & Bn boxworks
117-177	" " "	.1	? ? ?	Cons. Li + Cu
177-235	" " "	.2	? ? ?	Cons. Li + Cu
235-309	" sil. veinlets	.2	Ccp, Bn, Py	Lt. Li + Cu
309-339	" " "	.2	- - -	Cons. Li + Cu
339-409	" " "	.2	Ccp, Bn, Py	Lt. Li + Cu
409-460	" " "	.3	" " "	
460-470	" " (Bn) "	.4	" " "	
470-498	" " "	.3	" " "	Tr Li
498-537	" " "	.2	" " "	
537-547	" " "	.3	" " "	
547-567	" " "	.2	" " "	
567-602	" " "	.3	" " "	
602-641	" " "	.5	" " "	
641-651	" " "	.6	" " "	
651-712	" " "	.4	" " "	
712-748	" " "	.3	" " "	
748-758	" " "	.5	" " "	
758-768	" " "	.3	" " "	
TD				

ounty and State Graham, Arizona

Depth of Hole RV-6 1033 ft.

orld Index System

mple No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %	Mo.%	Au. oz/ ton	Ag. oz/ ton	Rare Metal T.Cu%	TAC Assay Var.%
[illegible]	460-465	5	.38					0.35	+08
4407	465-470	5	.26					0.45	-73
----	470-480	10	No core available						
4408	480-485	5	.26					0.25	+04
4409	485-490	5	.21					0.42	-100
4410	490-495	5	.16		<.001	Nil	.04	0.19	-19
4411	495-500	5	.28	.03				0.32	-14
4412	500-505	5	.20					0.35	-75
4413	505-510	5	.21					0.16	+24
4414	510-515	5	.27					0.32	-19
4415	515-520	5	.14					0.29	-107
4416	520-525	5	.26					0.35	-35
4417	525-530	5	.28	.01				0.42	-50
[illegible]	530-535	5	.23					0.32	-39
4419	535-540	5	.25					0.22	+12
4420	540-545	5	.20		<.001	Nil	Tr.	0.57	-185
4421	850-855	5	.30					0.24	+20
4422	855-860	5	.17					0.24	-41
4423	860-865	5	.32					0.30	+06
4424	865-870	5	.14					0.36	-157
4425	870-875	5	.36	.01				0.24	+33
4426	875-880	5	.14					0.24	-71
4427	880-885	5	.19					0.30	-58
4428	885-888	3	.22						
[illegible]	980-985	5	.34	Dup. Y					
4430	985-990	5	.40	.02	<.001	.003	Tr.		

AVERAGES

...ny and State Graham, Arizona

Depth of Hole RV-6 1033 ft.

...ld Index System

...ple No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %	Rare Metal	TAC Assay
					%T Cu	Var.%
	460-545	85	.26		.34	-51
	850-888	38	.23		.36	-09
	980-1033	53	.33			

DDH RV-7 - SAN JUAN (RARE METALS)

Split Once

Condensed Log RR 4/25/61

Footage		% Cu	Sulfides	Oxides
0-10	And, Lt. Sil.	?	(Ccp, Bn, Py)	Lt-Cons. Li + Cu)
10-158	" " "	.2		
158-182	" " "	.3	? ? ?	Cons. Li + Cu + Ep.
182-192	" " "	.2	Ccp, Bn, Py	Lt. Li
192-214	" " "	.3	" " "	Lt. Li Local Ep
214-401	" " "	.2	" " "	Lt.-Cons. Li, Loc. Ox. Cu and Ep
401-445	" " "	.3	" " "	Lt. Li, ox Cu, some carb. veinlets
445-480	" " "	.2	" " "	
480-490	" " "	.3	" " "	
490-500	" " "	.2	" " "	
500-510	" " "	.4	" " "	
510-521	" " "	.3	" " "	
521-568	" " "	.2	" " "	
568-600	" " "	.3	" " "	
600-610	" " "	.4	" " "	
610-630	" " "	.25	" " "	
630-640	" " "	.4	" " "	
640-657	" " "	.45	" " "	
657-730	" " "	.3	" " "	Lt ox on fracs. to about 700'
730-740	" " "	.5	" " "	
740-750	" " "	.3	" " "	
750-770	" " "	.4	" " "	
770-785	" " "	.5	" " "	
785-795	" " "	.8	" " "	

TD

COMMENTS: Vertical fractures show most alteration and bleaching—talc, serpentine, silica. Also carry much more pyrite than chalcopyrite or bornite. These are widest also. Random fractures, wide (up to ½" or so) carry silica with little or no alteration of wall rock and these wider quartz veins seldom carry much sulfides, either pyrite or chalcopyrite. The very narrow (later?) fractures, random to near vertical most of the copper sulfides. The andesite where very fine grained is mineralized only on these hairline fractures but where pyroclastic, or porphyritic in texture, chalcopyrite is disseminated in blebs to very fine grains. Bornite seems more prominent with depth in hole. Undoubtedly much fine grained bornite is overlooked due to dark color of host rock. Alteration of the andesite is minor, for the most part the rock is fresh. Oxidation is limited to layer fractures of the near vertical type below 600 feet and seems to about disappear below 700 feet. There is probably very little secondary enrichment. The copper mineralization was introduced along hairline fractures for the

DDH RV-7 - Comments (Cont'd):

most part and true disseminations only occur where the host andesite is relatively coarse grained and porous, such as porphyritic and pyroclastic facies. Vertical to steep fractures are oldest and recover most silica + alt. + pyrite. Later fractures carried copper mineralizations and only where verticals have reopened, do you see much copper on them.

Oxidized zone is only development on and near larger fractures. Within a few feet of surface disseminated sulfides persist where not in fractures.

Best mineralization appears to be below 500 feet. Oxide copper is minimal.

RV-7

ounty and State Graham, Ariz. Depth of Hole 815 ft.

orld Index System

Page 1 of 1

mple No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %			Mo.%	Au. oz/ton	Ag. oz/ton				
)	450-455	5	.10				<.001	Nil	.10				
4651	455-460	5	.07										
----	460-470	10	No core available										
4652	470-475	5	.11										
4653	475-480	5	.16										
4654	750-755	5	.22										
4655	755-760	5	.26										
4656	760-765	5	.16										
4657	765-770	5	.22										
4658	770-775	5	.35										
4659	775-780	5	.31										
4660	780-785	5	.22										
-	785-812	27	No core available										
4661	812-815	3	.32										

AVERAGE

RV-7

unty and State Graham, Ariz. Depth of Hole 815 ft.

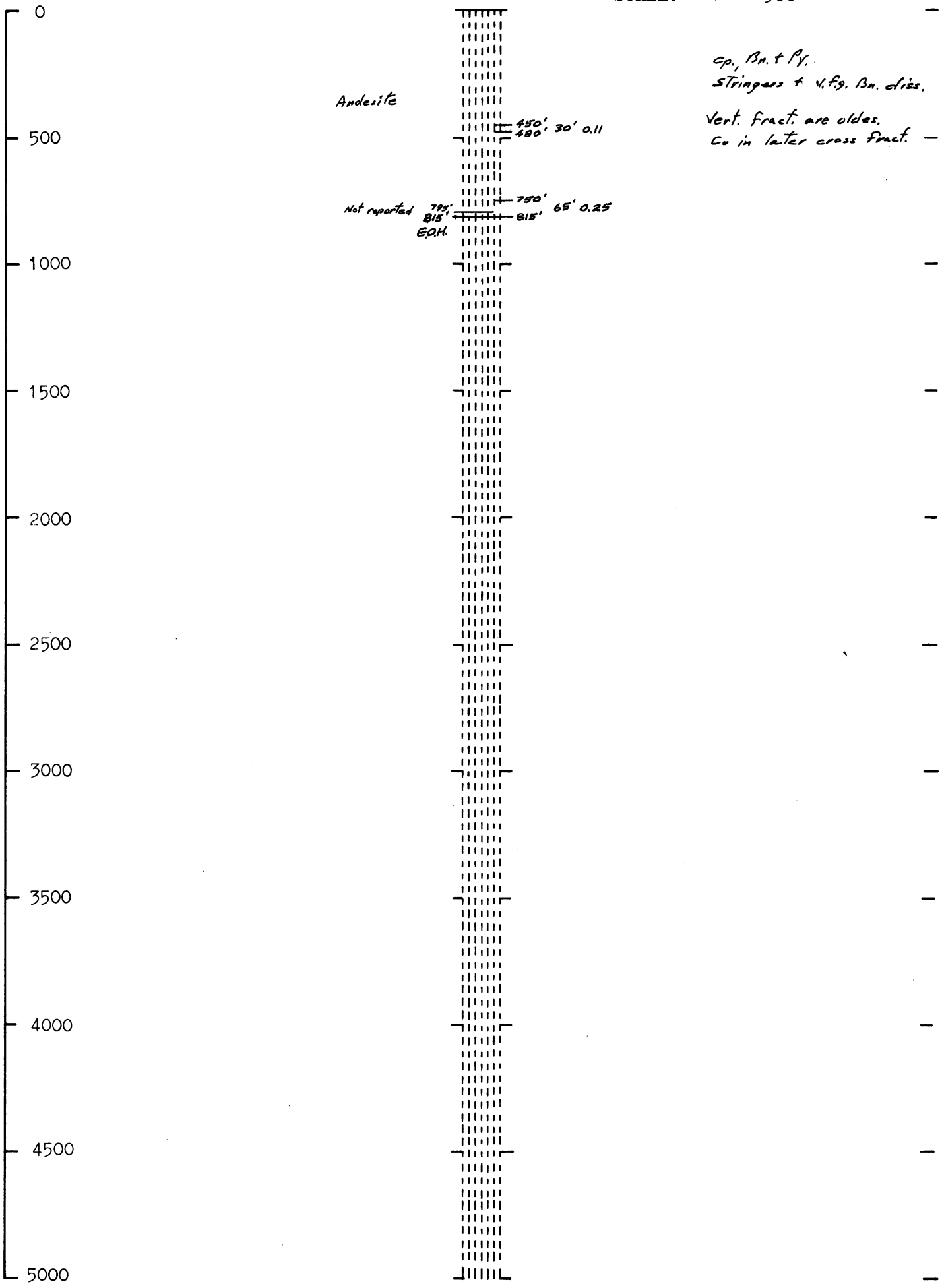
rld Index System

mple No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %
	450-480	30	.11	
	750-815	65	.25	

RV 7

Rare Metals

SCALE: 1" = 500'



Cp, Bn. & Py.
Stringers & v.f.g. Bn. diss.

Vert. fract. are oldes.
Cu in later cross fract.

DDH RV-7 - SAN JUAN (RARE METALS)

Split Once

Condensed Log RR 4/25/61

Footage				% Cu	Sulfides			Oxides
0-10	And,	Lt.	Sil.	?	(Ccp,	Bn,	Py)	Lt-Cons. Li + Cu,
10-158	"	"	"	.2				
158-182	"	"	"	.3	?	?	?	Cons. Li + Cu + Ep.
182-192	"	"	"	.2	Ccp,	Bn,	Py	Lt. Li
192-214	"	"	"	.3	"	"	"	Lt. Li Local Ep
214-401	"	"	"	.2	"	"	"	Lt.-Cons. Li, Loc. Ox. and Ep
401-445	"	"	"	.3	"	"	"	Lt. Li, ox Cu, some carb. veinlets
445-480	"	"	"	.2	"	"	"	
480-490	"	"	"	.3	"	"	"	
490-500	"	"	"	.2	"	"	"	
500-510	"	"	"	.4	"	"	"	
510-521	"	"	"	.3	"	"	"	
521-568	"	"	"	.2	"	"	"	
568-600	"	"	"	.3	"	"	"	
600-610	"	"	"	.4	"	"	"	
610-630	"	"	"	.25	"	"	"	
630-640	"	"	"	.4	"	"	"	
640-657	"	"	"	.45	"	"	"	
657-730	"	"	"	.3	"	"	"	Lt ox on fracs. to abou 700'
730-740	"	"	"	.5	"	"	"	
740-750	"	"	"	.3	"	"	"	
750-770	"	"	"	.4	"	"	"	
770-785	"	"	"	.5	"	"	"	
785-795	"	"	"	.8	"	"	"	

TD

COMMENTS: Vertical fractures show most alteration and bleaching—talc, sarpentine, silica. Also carry much more pyrite than chalcopyrite or bornite. These are widest also. Random fractures, wide (up to ½" or so) carry silica with little or no alteration of wall rock and these wider quartz veins seldom carry much sulfides, either pyrite or chalcopyrite. The very narrow (later?) fractures, random to near vertical host of the copper sulfides. The andesite where very fine grained is mineralized only on these hairline fractures but where pyroclastic, or porphyritic in texture, chalcopyrite is disseminated in blebs to very fine grains Bornite seems more prominent with depth in hole. Undoubtedly much fine grained bornite is overlooked due to dark color of host rock. Alteration of the andesite is minor, for the most part the rock is fresh. Oxidation is limited to layer fractures of the near vertical type below 600 feet and seems to about disappear below 700 feet. There is probably very little secondary enrichment. The copper mineralization was introduced along hairline fractures for the

DDH RV-7 - Co ents (Cont'd):

most part and true disseminations only occur where the host andesite is relatively coarse grained and porous, such as porphyritic and pyroclastic facies. Vertical to steep fractures are oldest and recover most silica + alt. + pyrite. Later fractures carried copper mineralizations and only where verticals have reopened, do you see much copper on them.

Oxidized zone is only development on and near larger fractures. Within a few feet of surface dissemination sulfides persist where not in fractures.

Best mineralization appears to be below 500 feet. Oxide copper is minimal.

unty and State Graham, Arizona

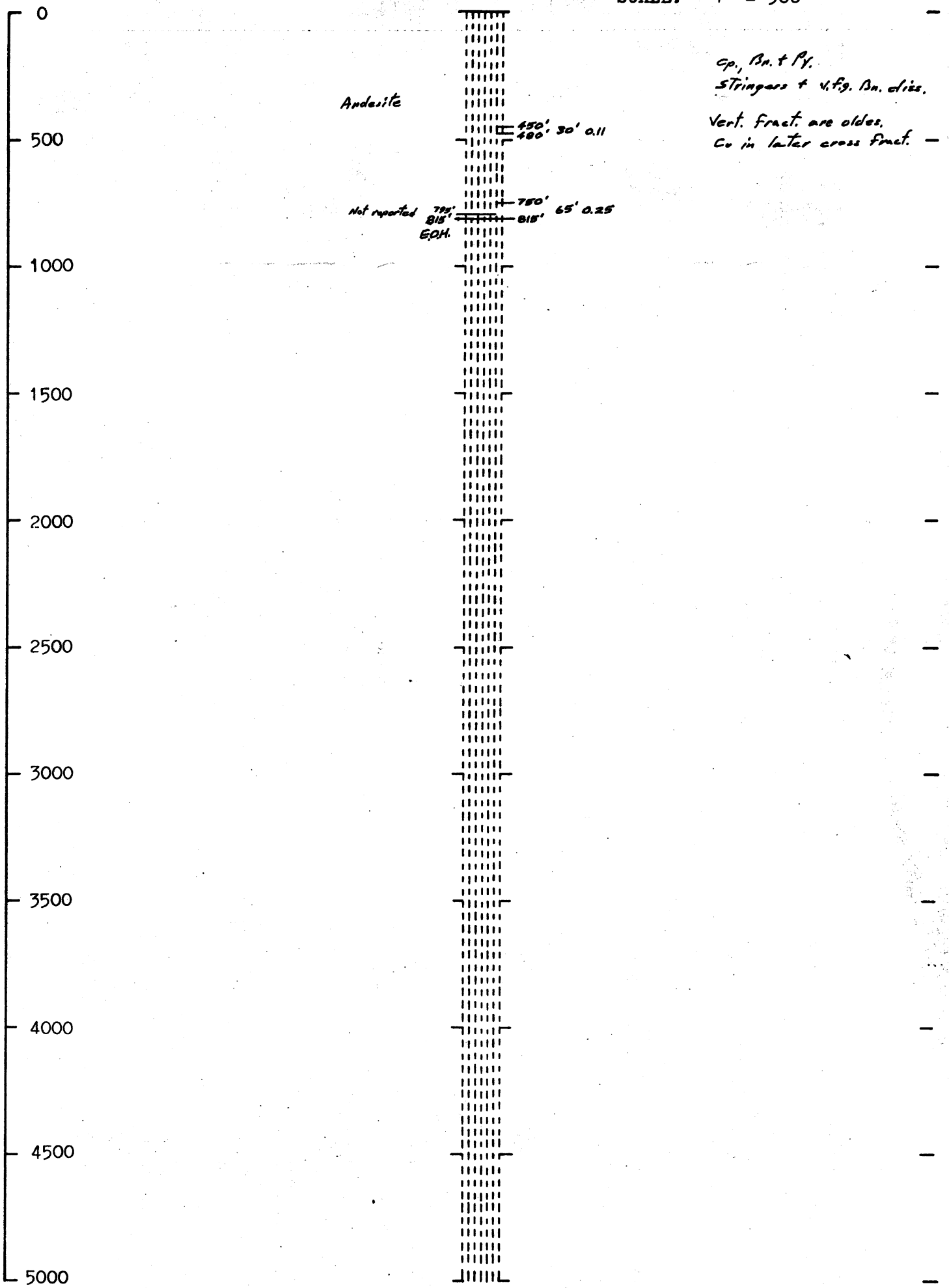
Depth of Hole ft.

rld Index System

mple No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %
	450-480	30	.11	
	750-815	65	.25	

ITV 7

SCALE: 1" = 500'



Cp., Bn. & Py.
Stringers & v.f.g. Bn. alts.

Vert. fract. are oldest.
Cc in later cross fract.

...y and State Graham, Arizona

AVERAGES

Depth of Hole TV-8 600 ft.

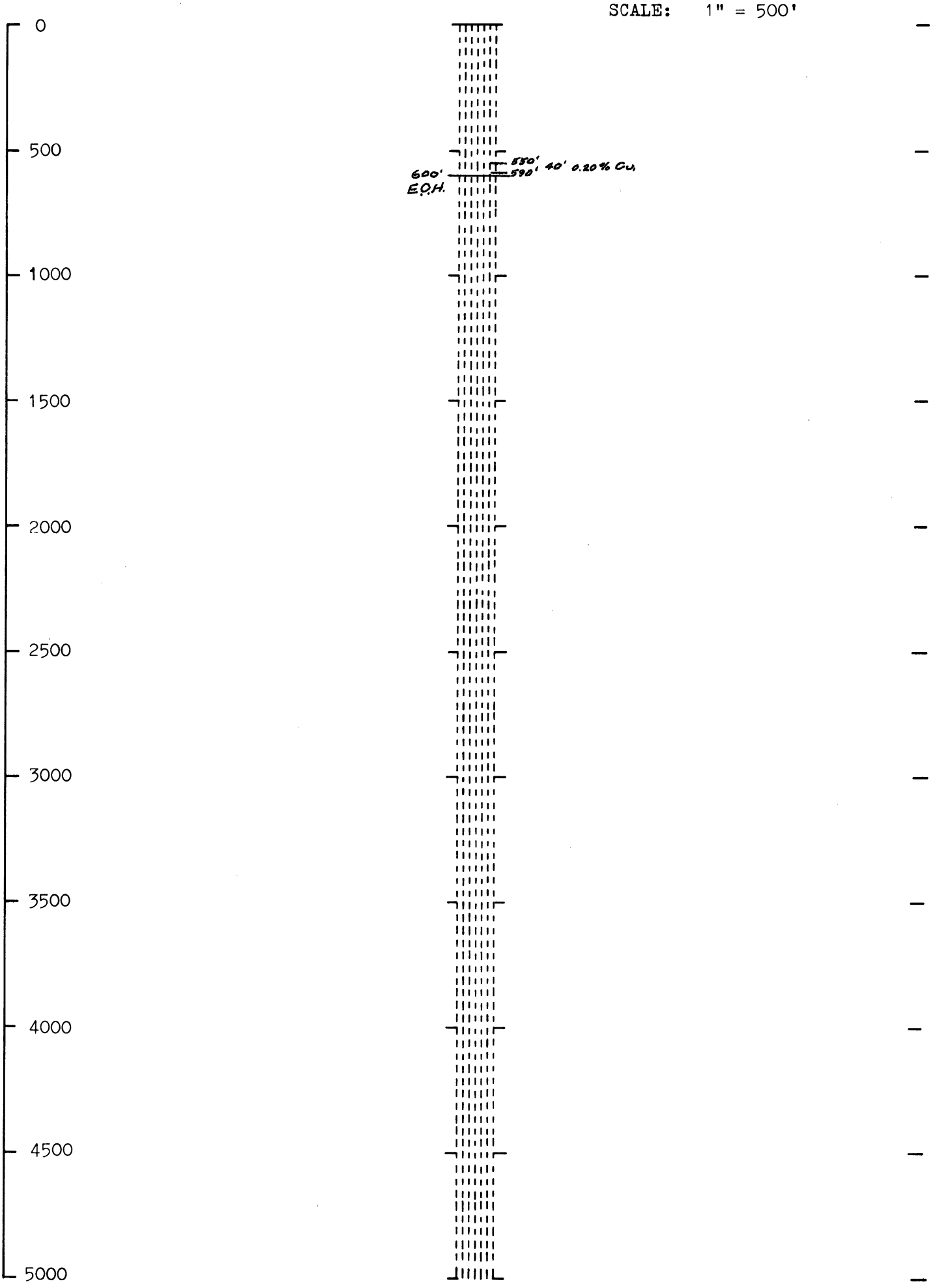
...rld Index System

...mple No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %
	550-590	40	.20	

RV 8

Rare Metals

SCALE: 1" = 500'



ounty and State Graham, Arizona — Depth of Hole RV-8 610 ft.

orld Index System — Page 1 of 5

ample No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %			Mo.%	Au. oz/ ton	Ag. oz/ ton		Rare Metals T.Cu%	TAC Assays Var.%
	60-65	5									.25	
	65-70	5									.13	
	70-75	5									.19	
	75-80	5									.25	
	80-85	5									.19	
	85-90	5									.19	
	90-95	5									.22	
	95-100	5									.28	
	100-105	5									.19	
	105-110	5									.32	
	110-115	5									.22	
	115-120	5									.19	
	120-125	5									.22	
	125-130	5									.22	
	130-135	5									.22	
	135-140	5									.19	
	140-145	5									.19	
	145-150	5									.13	
	150-155	5									.16	
	155-160	5									.19	
	160-165	5									.13	
	165-170	5									.10	
	170-175	5									.13	
	175-180	5									.10	
	180-185	5									.10	
	185-190	5									.06	
	190-195	5									.16	

County and State Graham, Arizona — Depth of Hole RV-B 610 ft.

World Index System — Page 2 of 5

Sample No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %			Mo.%	Au. oz/ton	Ag. oz/ton		Rare Metals T.Cu%	TAC Assays Var.%
	195-200	5									.22	
	200-205	5									.25	
	205-210	5									.16	
	210-215	5									.25	
	215-220	5									.25	
	220-225	5									.19	
	225-230	5									.19	
	230-235	5									.19	
	235-240	5									.16	
	240-245	5									.16	
	245-250	5									.28	
	250-255	5									.38	
	255-260	5									.28	
	260-265	5									.32	
	265-270	5									.28	
	270-275	5									.35	
	275-280	5									.35	
	280-285	5									.35	
	285-290	5									.35	
	290-295	5									.35	
	295-300	5									.35	
	300-305	5									.38	
	305-310	5									.38	
	310-315	5									.45	
	315-320	5									.38	
	320-325	5									.22	
	325-330	5									.35	

County and State Graham, Arizona — Depth of Hole RV-8 610 f

World Index System — Page 3 of 5

Sample No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %			Mo.%	Au. oz/ ton	Ag. oz/ ton		Rare Metals T. Cu%	TAC Assays Var.%
	330-335	5									.19	
	335-340	5									.42	
	340-345	5									.19	
	345-350	5									.22	
	350-355	5									.25	
	355-360	5									.22	
	360-365	5									.16	
	365-370	5									.22	
	371-373	2									.25	
	373-378	5									.32	
	378-383	5									.16	
	383-388	5									.16	
	388-393	5									.19	
	393-398	5									.16	
	398-403	5									.16	
	403-408	5									.16	
	408-410	2									.16	
	410-415	5									.22	
	415-420	5									.35	
	420-427	7									.22	
	427-430	3									.25	
	430-435	5									.19	
	435-440	5									.22	
	440-445	5									.22	
	445-450	5									.22	
	450-455	5									.16	
	455-460	5									.19	

unty and State Graham, Arizona

Depth of Hole RV-8 610 ft.

rld Index System

mple No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %			Mo.%	Au. oz/ ton	Ag. oz/ ton	Page (Rare Metals Interval ft.)	Rare Metals T.Cu%	TAC Assay Var.%
	460-465	5									.32	
	465-470	5									.32	
	470-475	5									.19	
	475-480	5									.19	
	480-485	5									.25	
	485-490	5									.22	
	490-495	5									.45	
	495-500	5									.32	
	500-505	5									.22	
	505-510	5									.29	
	510-515	5									.29	
	515-520	5									.42	
	520-525	5									.22	
	525-530	5									.42	
	535-535	5									.32	
	535-540	5									.32	
	540-548	8									.32	
4662	550-555	5	.21							(548-555)	.19	
4663	555-560	5	.24								.25	
4664	560-565	5	.25								.28	
4665	565-570	5	.19								.25	
4666	570-575	5	.20								.25	
4667	575-580	5	.14								.19	
4668	580-585	5	.17								.19	
4669	585-590	5	.20								.32	
	590-595	5									.32	

County and State Graham, Arizona

RV-8

Depth of Hole 610 ft

World Index System

Sample No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %			Mo.%	Au. oz/ ton	Ag. oz/ ton		Rare Metals T.Cu%	TAC Assay Var.%
	595-600	5									.22	
	600-605	5									.32	
	605-610	5									.22	

Sample No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %			Mo.%	Au. oz/ ton	Ag. oz/ ton		Rare Metals T.Cu%	TAC Assays Var.%
	60-65	5									.25	
	65-70	5									.13	
	70-75	5									.19	
	75-80	5									.25	
	80-85	5									.19	
	85-90	5									.19	
	90-95	5									.22	
	95-100	5									.28	
	100-105	5									.19	
	105-110	5									.32	
	110-115	5									.22	
	115-120	5									.19	
	120-125	5									.22	
	125-130	5									.22	
	130-135	5									.22	
	135-140	5									.19	
	140-145	5									.19	
	145-150	5									.13	
	150-155	5									.16	
	155-160	5									.19	
	160-165	5									.13	
	165-170	5									.10	
	170-175	5									.13	
	175-180	5									.10	
	180-185	5									.10	
	185-190	5									.06	
	190-195	5									.16	

...mple No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %			Mo.%	Au. oz/ ton	Ag. oz/ ton		Rare Metals T.Cu%	TAC Assays Var.%
	...	...										
	195-200	5									.22	
	200-205	5									.25	
	205-210	5									.16	
	210-215	5									.25	
	215-220	5									.25	
	220-225	5									.19	
	225-230	5									.19	
	230-235	5									.19	
	235-240	5									.16	
	240-245	5									.16	
	245-250	5									.28	
	250-255	5									.38	
	255-260	5									.28	
	260-265	5									.32	
	265-270	5									.28	
	270-275	5									.35	
	275-280	5									.35	
	280-285	5									.35	
	285-290	5									.35	
	290-295	5									.35	
	295-300	5									.35	
	300-305	5									.38	
	305-310	5									.38	
	310-315	5									.45	
	315-320	5									.38	
	320-325	5									.22	
	325-330	5									.35	
	...											

County and State Graham, Arizona — Depth of Hole 610

World Index System — Page 3 of 5

Sample No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %			Mo.%	Au. oz/ ton	Ag. oz/ ton		Rare Metals T. Cu%	TAC Assay Var.%
	330-335	5									.19	
	335-340	5									.42	
	340-345	5									.19	
	345-350	5									.22	
	350-355	5									.25	
	355-360	5									.22	
	360-365	5									.16	
	365-370	5									.22	
	371-373	2									.25	
	373-378	5									.32	
	378-383	5									.16	
	383-388	5									.16	
	388-393	5									.19	
	393-398	5									.16	
	398-403	5									.16	
	403-408	5									.16	
	408-410	2									.16	
	410-415	5									.22	
	415-420	5									.35	
	420-427	7									.22	
	427-430	3									.25	
	430-435	5									.19	
	435-440	5									.22	
	440-445	5									.22	
	445-450	5									.22	
	450-455	5									.16	
	455-460	5									.19	

unty and State Graham, Arizona — Depth of Hole RD 610

orld Index System —

mple No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %			Mo.%	Au. oz/ ton	Ag. oz/ ton	(Rare Metals Inter-val ft)	Rare Metals T.Cu%)	TAC Assay Var.%
	460-465	5									.32	
	465-470	5									.32	
	470-475	5									.19	
	475-480	5									.19	
	480-485	5									.25	
	485-490	5									.22	
	490-495	5									.45	
	495-500	5									.32	
	500-505	5									.22	
	505-510	5									.29	
	510-515	5									.29	
	515-520	5									.42	
	520-525	5									.22	
	525-530	5									.42	
	535-535	5									.32	
	535-540	5									.32	
	540-548	8									.32	
4662	550-555	5	.21							(548-555)	.19	
4663	555-560	5	.24								.25	
4664	560-565	5	.25								.28	
4665	565-570	5	.19								.25	
4666	570-575	5	.20								.25	
4667	575-580	5	.14								.19	
4668	580-585	5	.17								.19	
4669	585-590	5	.20								.32	
	590-595	5									.32	

County and State Graham, Arizona — Depth of Hole 610

World Index System — Page 5 of 5

Sample No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %			Mo.%	Au. oz/ ton	Ag. oz/ ton		Rare Metals T.Cu%	TAC Assay Var.%
	595-600	5									.22	
	600-605	5									.32	
	605-610	5									.22	

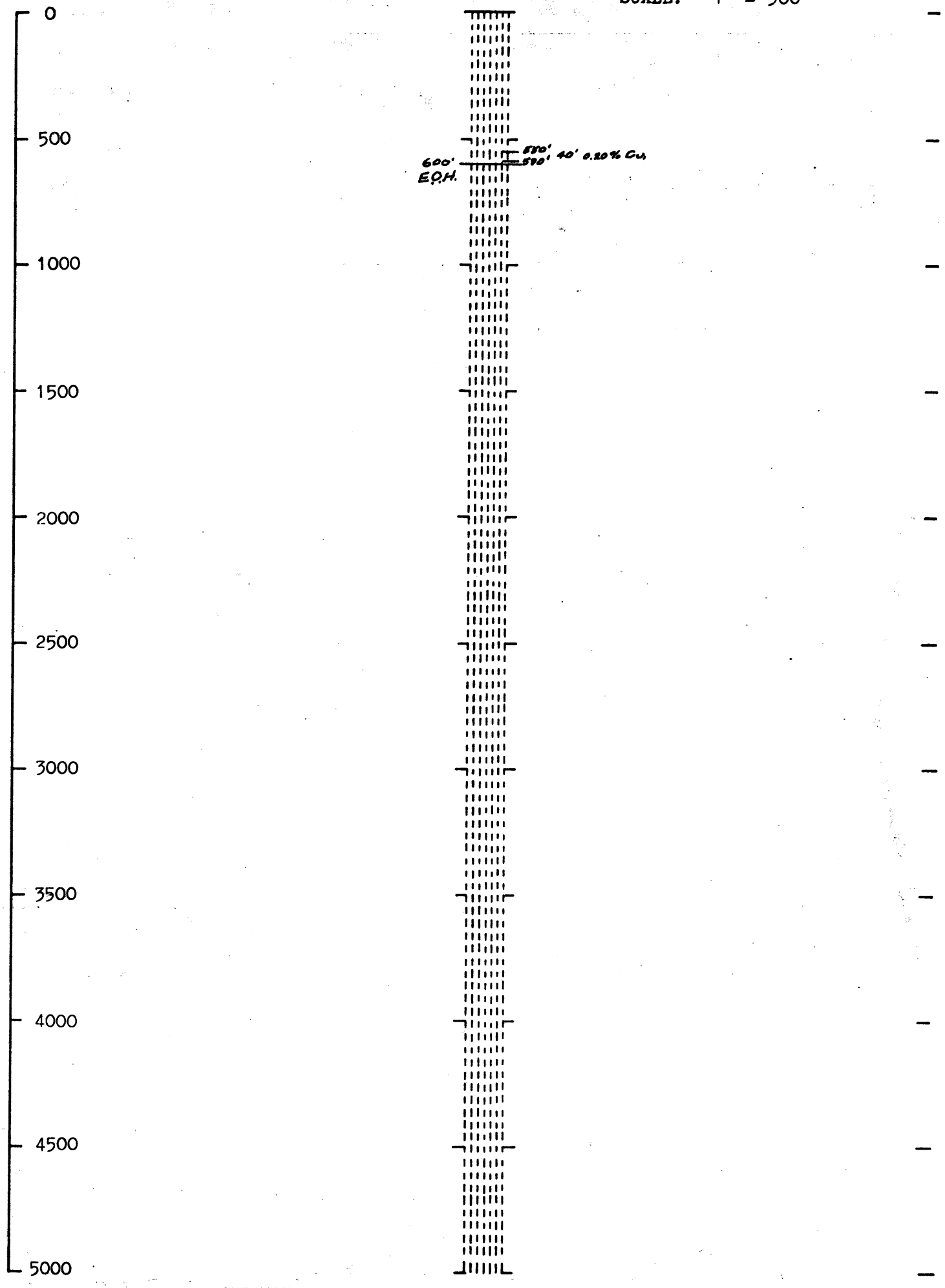
...nty and State _____ Depth of Hole _____

...orld Index System _____ Page 1 of 1

...mple No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %
	550-590	40	.20	

AV 8

SCALE: 1" = 500'



RV-9A

L-9-A - RARE METALS (SAN JUAN)
(Arizona Testing Lab. Assays)

Footage	% Cu
70-75	0.10
75-80	0.19
80-85	0.13
85-90	0.13
90-95	0.10
95-100	0.13
100-105	0.13
105-110	0.13
110-115	0.25
115-120	0.25
120-125	0.25
125-130	0.22
130-135	0.25
135-140	0.25
140-145	0.19
145-150	0.16
150-155	0.19
155-160	0.22
160-165	0.13
165-170	0.10
170-175	0.10
175-180	0.19
180-185	0.13
185-190	0.13
190-195	0.19
195-200	0.16
200-205	0.16
205-210	0.22
210-215	0.16
215-220	0.13
220-225	0.16
225-230	0.16
230-235	0.22
235-240	0.16
240-245	0.19
245-250	0.13
250-255	0.13
255-260	0.13
260-265	0.13
265-270	0.19
270-275	0.13
275-280	0.13
280-285	0.13
285-290	0.22
290-295	0.22
295-300	0.19
300-305	0.22
305-310	0.19

Footage	% Cu
310-315	0.16
315-320	0.16
320-325	0.19
325-330	0.19
330-335	0.25
335-340	0.22
340-345	0.19
345-350	0.16
350-355	0.13
355-360	0.28
360-365	0.22
365-370	0.13
370-375	0.13
375-380	0.10
380-385	0.35
385-390	0.13
390-395	0.10
395-400	0.16
400-405	0.19
405-410	0.16
410-415	0.16
415-420	0.19
420-425	0.13
425-430	0.13
430-435	0.25
435-440	0.19
440-445	0.13
445-450	0.16
450-455	0.25
455-460	0.13
460-465	0.16
465-470	0.19
470-475	0.19
475-480	0.19
480-485	0.19
485-490	0.22
490-495	0.13
495-500	0.16
500-505	0.16
505-510	0.16
510-515	0.16
515-520	0.13
520-525	0.22
525-530	0.28
530-535	0.25
535-540	0.22

Sludge

71-76	0.13
76-81	0.13

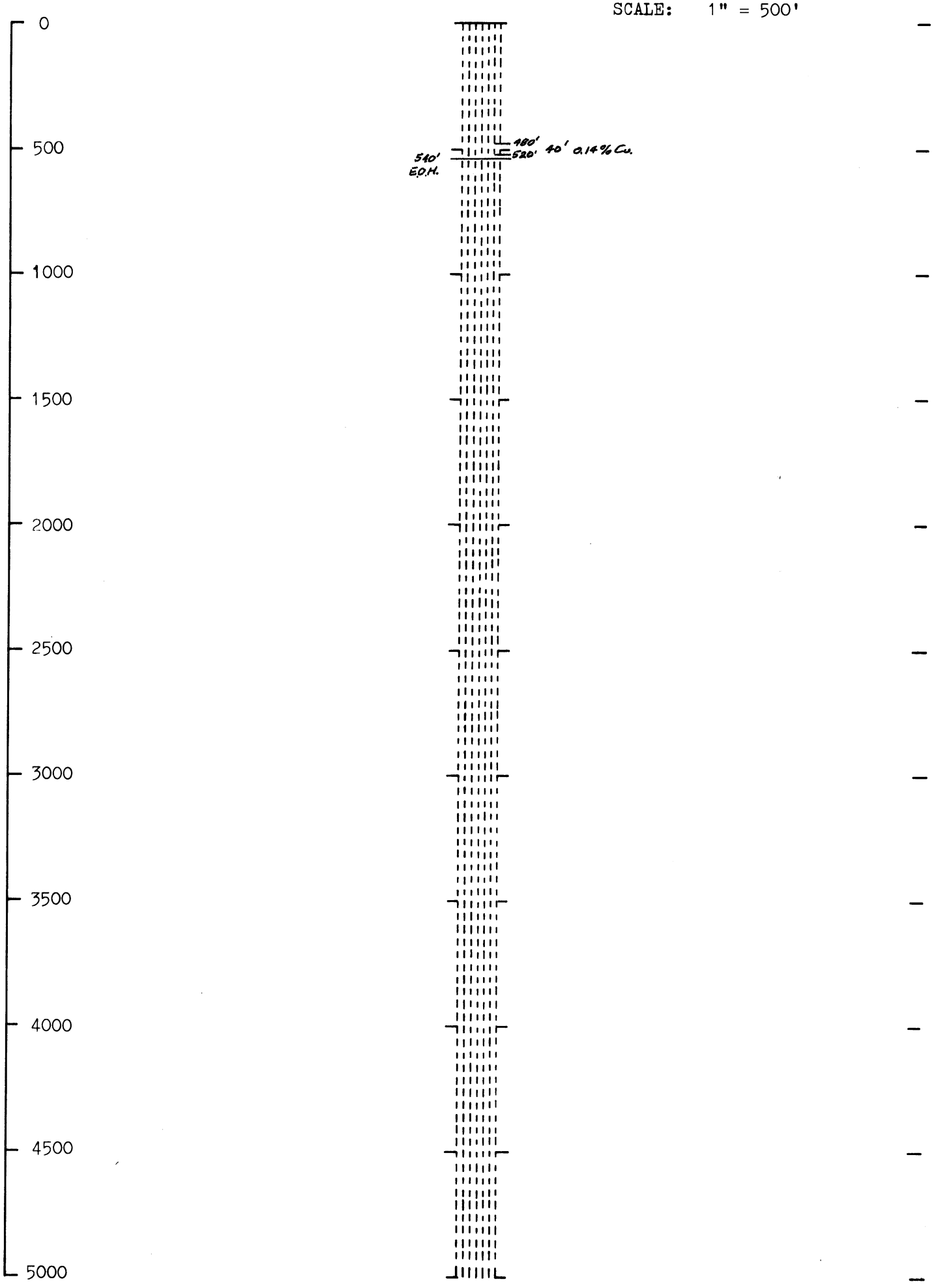
Sludge

81-87	0.13
87-91	0.13
91-96	0.16
100-107	0.13
125-135	0.22
169-179	0.13

RV 9A

Rare Metals

SCALE: 1" = 500'



RV-9A

County and State Graham, Arizona — Depth of Hole 540 ft

World Index System — Page 1 of 4

Sample No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %			Mo.%	Au. oz/ton	Ag. oz/ton		Rare Metals T.Cu%	TAC Assay Var.%
	70-75	5									.10	
	75-80	5									.19	
	80-85	5									.13	
	85-90	5									.13	.1
	90-95	5									.10	
	95-100	5									.13	
	100-105	5									.13	
	105-110	5									.13	
	110-115	5									.25	
	115-120	5									.25	
	120-125	5									.25	
	125-130	5									.22	.2
	130-135	5									.25	
	135-140	5									.25	
	140-145	5									.19	
	145-150	5									.16	
	150-155	5									.19	
	155-160	5									.22	
	160-165	5									.13	
	165-170	5									.10	
	170-175	5									.10	.1
	175-180	5									.19	
	180-185	5									.13	
	185-190	5									.13	
	190-195	5									.19	
	195-200	5									.16	
	200-205	5									.16	

County and State Graham, Arizona — Depth of Hole RV-9A 540 ft

World Index System — Page 2 of 4

Sample No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %			Mo.%	Au. oz/ ton	Ag. oz/ ton		Rare Metals T.Cu%	TAC Assay Var.%
	205-210	5									.22	
	210-215	5									.16	
	215-220	5									.13	
	220-225	5									.16	
	225-230	5									.16	
	230-235	5									.22	
	235-240	5									.16	
	240-245	5									.19	
	245-250	5									.13	
	250-255	5									.13	
	255-260	5									.13	
	260-265	5									.13	
	265-270	5									.19	
	270-275	5									.13	
	275-280	5									.13	
	280-285	5									.13	
	285-290	5									.22	
	290-295	5									.22	
	295-300	5									.19	
	300-305	5									.22	
	305-310	5									.19	
	310-315	5									.16	
	315-320	5									.16	
	320-325	5									.19	
	325-330	5									.19	
	330-335	5									.25	
	335-340	5									.22	

ounty and State Graham, Arizona — Depth of Hole RV-9A 540

World Index System — Page 3 of 4

Sample No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %			Mo.%	Au. oz/ ton	Ag. oz/ ton		Rare Metals T.Cu%	TAC Assay Var.%
	340-345	5									.19	
	345-350	5									.16	
	350-355	5									.13	
	355-360	5									.28	
	360-365	5									.22	
	365-370	5									.13	
	370-375	5									.13	
	375-380	5									.10	
	380-385	5									.35	
	385-390	5									.13	
	390-395	5									.10	
	395-400	5									.16	
	400-405	5									.19	
	405-410	5									.16	
	410-415	5									.16	
	415-420	5									.19	
	420-425	5									.13	
	425-430	5									.13	
	430-435	5									.25	
	435-440	5									.19	
	440-445	5									.13	
	445-450	5									.16	
	450-455	5									.25	
	455-460	5									.13	
	460-465	5									.16	
	465-470	5									.19	
	470-475	5									.19	

County and State Graham, Arizona

Depth of Hole RU-9A 540

World Index System

Sample No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %			Mo.%	Au. oz/ ton	Ag. oz/ ton		Rare Metals T.Cu%	TAC Assay Var.%
	475-480	5									.19	
4670	480-485	5	.25				.004	Nil	.10		.19	
4671	485-490	5	.15								.22	
4672	490-495	5	.13								.13	
4673	495-500	5	.13								.16	
4674	500-505	5	.10								.16	
4675	505-510	5	.11								.16	
4676	510-515	5	.12								.16	
4677	515-520	5	.15								.13	
	520-525	5									.22	
	525-530	5									.28	
	530-535	5									.25	
	535-540	5									.22	

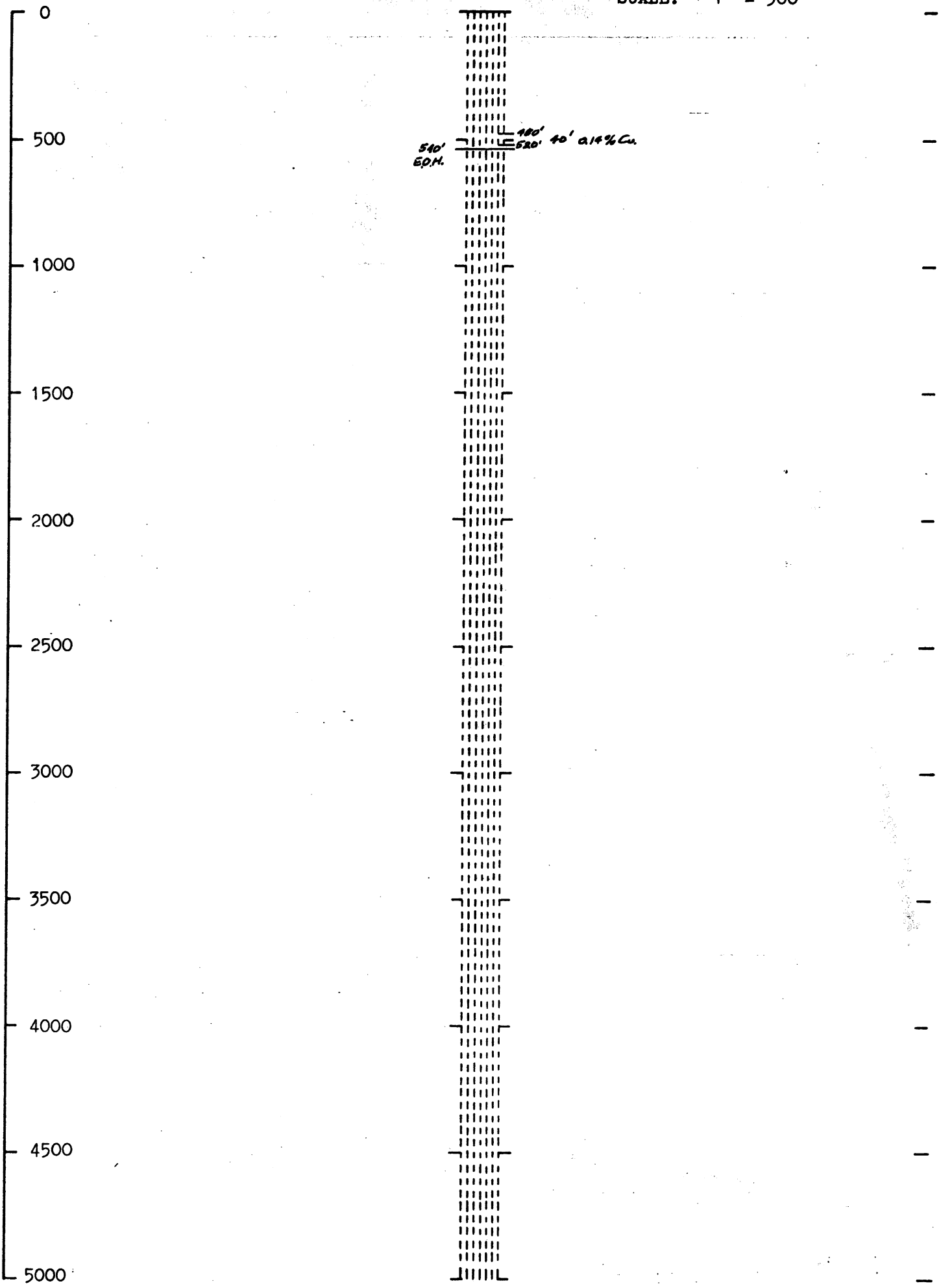
RY-9A

World Index System

Sample No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %
	480-520	40	.14	

RV 9A

SCALE: 1" = 500'



DDH RV-10 - SAN JUAN (RARE METALS)

Split twice

Condensed Log RR 4/27/61

Footage	Rock	% Cu	Sulfides	Oxides
0-222	No Core (Prob. And.)			
222-225	And.	?	?	Lim, hem, complete
225-256	No core			
256-264	And.	?	?	Lim, hem, Cu
264-402	No core			
402-408	And. and 2' QMP	.1	Ccp, Py	Lim
408-470	Core-none			
470-506	And & LP	.1	Ccp, Py	
506-660	No Core			
660-975	And	.2	Ccp, Bn, Py	Bn, very local
975-985	And & 1' Monz.	.5	Ccp, Bn, Py	
985-1004	And	.3	Ccp, Bn, Py	
1004-1031	And	.1	Ccp, Bn, Py	
1031-1174	LP	.2	Ccp, Bn, Py	
1174-1295	And	.2	Ccp, Bn, Py	
1295-1400	QMP	.15	Ccp, Bn, Py	
1400-1800	And	.1-.2	Ccp, Bn, Py	
1800-2230	And	.1-.2	Ccp, Bn, Py	Scattered Aplite string carry most Cu.
TD				

COMMENTS: Low grade hole at west edge of intrusive. Cuts both monzonite and latite intrusives (dikes and apophyses) Alteration is very local. Sulfides never heavy. Oxidation appears in fractures to bottom of hole. Heavy oxidation of sulfides down to at least 500 feet.

Depth of Hole

World Index System

Sample No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %			Mo. %	Au. oz/ton	Ag. oz/ton		Rare Metals T.Cu.%	
	0-5	5									.16	
	5-10	5									.10	.13
	10-15	5									.28	
	15-20	5									.48	
	20-25	5									.22	.3
	25-30	5									.28	
	30-35	5									.35	
	35-40	5									.32	.3
	40-45	5									.19	
	45-50	5									.42	
	50-55	5									.22	
	55-60	5									.25	.2
	60-65	5									.35	
	65-70	5									.35	.3
	70-75	5									.35	
	75-80	5									.45	.4
	80-85	5									.48	
	85-90	5									.22	.3
	90-95	5									42	
	100-105	5									.35	
	105-110	5									.28	
	110-115	5									.22	
	115-120	5									.25	.2
	120-125	5									.32	
	125-130	5									.25	
	130-135	5									.19	

mple No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %			Mo. %	Au. oz/ ton	Ag. oz/ ton		Rare Metals T.Cu%	
	135-140	5									.35	
	140-145	5									.45	
	145-150	5									.32	.3
	150-155	5									.28	
	155-160	5									.38	
	160-165	5									.35	
	165-170	5									.45	
	170-175	5									.32	
	175-180	5									.38	
	180-185	5									.41	
	185-190	5									.25	
	190-195	5									.25	.2
	195-200	5									.22	
	200-205	5									.13	.1
	205-210	5									.16	
	210-215	5									.32	.3
	215-220	5									.32	
	220-225	5									.25	
	225-230	5									.29	.2
	230-235	5									.32	
	235-240	5									.32	.3
	240-245	5									.29	
	245-250	5									.22	.2
	250-255	5									.38	
	255-260	5									.41	.3
	260-265	5									.32	
	265-270	5									.32	

World Index System

Sample No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %			Mo.%	Au. oz/ton	Ag. oz/ton		Rare Metals f.Cu%	
	270-275	5									.16	
	275-280	5									.19	.1
	280-285	5									.25	
	285-290	5									.25	.2
	290-295	5									.25	
	295-300	5									.32	
	300-305	5									.16	
	305-310	5									.25	
	310-315	5									.16	
	315-320	5									.13	
	320-325	5									.19	.1
	325-330	5									.16	
	330-335	5									.28	
	335-340	5									.32	.3
	340-345	5									.67	
	345-350	5									.45	
	350-355	5									.19	.5
	355-360	5									.57	
	360-365	5									.51	
	365-370	5									.16	
	370-375	5									.10	
	375-380	5									.16	.1
	380-385	5									.13	
	385-390	5									.16	
	390-395	5									.25	
	395-400	5									.25	.2
	400-405	5									.19	

Grid Index System

Sample No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %			Mo.%	Au. oz/ ton	Ag. oz/ ton		Rare Metals T.Cu%	
	405-410	5									.16	
	410-415	5									.22	
	415-420	5									.19	
	420-425	5									.42	
	425-430	5									.32	
	430-435	5									.16	
	435-440	5									.13	
	440-445	5									.25	
	445-450	5									.22	
4179	450-455	5	.20								.32	
4180	455-460	5	.19				<.001	Nil	.04		.25	
4181	460-465	5	.25								.35	
4182	465-470	5	.34								.52	
4183	470-475	5	.52	.04							.25	
4184	475-480	5	.71								.77	
	480-485	5									.16	
	485-490	5									.32	
	490-495	5									.16	
	495-500	5									.16	
	500-505	5									.29	
	505-510	5									.25	
	510-515	5									.10	
	515-520	5									.19	
	520-525	5									.10	
	525-530	5									.29	
	530-535	5									.22	
	535-540	5									.13	

Sample No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %			Mo.%	Au. oz/ ton	Ag. oz/ ton	Page (Rare Metals Interval Ft.)	Rare Metals T.Cu%
	540-545	5									.19
	545-550	5									.19
	550-555	5									.22
	555-560	5									.19
	560-565	5									.10
	565-570	5									.13
	570-575	5									.25
	575-580	5									.22
	580-585	5									.06
	585-590	5									.38
	590-595	5									.22
	595-600	5									.22
	600-605	5									.22
	605-610	5									.19
	610-615	5									.32
	615-620	5									.38
	620-625	5									.29
	625-630	5									.19
	630-635	5									.16
	635-640	5									.16
	640-645	5									.13
	645-650	5									.32
	650-655	5									.32
4185	660-665	5	.31								
4186	665-670	5	.11							(655-670)	.48
4187	670-675	5	.13							(660-675)	.48

ple No.	Interval (ft,)	et	Total Cu %	Oxide Cu %			Mo %	Au. oz/ ton	Ag. oz/ ton	(Rare Metals Inter-val)	Rare Metals T.Cu%
4188	675-680	5	.08							(665-680)	.38
4189	680-685	5	.16								
4190	685-690	5	.15				<.001	Nil	Tr.		
----	690-698	8	No core available								
4191	698-703	5	.23	.01							
4192	703-707	4	.17								
4057	815-820	5	.32								
4058	820-825	5	.45								
4059	825-830	5	.24								
4060	830-835	5	.25				<.001	Nil	Tr.		
4061	835-840	5	.21								
4062	840-845	5	.22								
4063	845-850	5	.34	.02							
----	850-870	20	No core available								
4064	870-875	5	.16								
4065	875-880	5	.21								
4066	880-885	5	.23								

CONTINUED ON PAGE 7

Sample No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %			Mo.%	Au. oz/ ton	Ag. oz/ ton			
4067	885-890	5	.20									
4068	890-895	5	.14									
4069	895-900	5	.12									
4070	900-905	5	.20				Nil	Nil	Tr.			
4053	1040-1045	5	.35	.01								
4054	1045-1050	5	.20									
4055	1050-1055	5	.27									
4056	1055-1060	5	.31									
4073	1160-1168	8	.46	.02								
4052	1168-1177.6	9.6	.41	.01								
3974	1540-1545	5	.12									
3975	1545-1550	5	.16									
3976	1550-1555	5	.18									
3977	1555-1560	5	.09				<.001	Nil	Tr.			
3978	1560-1565	5	.12									
3979	1565-1570	5	.05									
3980	1570-1575	5	.10									
3981	1575-1580	5	.19									
3982	1580-1585	5	.11									
3983	1585-1590	5	.23									
3984	1590-1595	5	.52									
3985	1595-1600	5	.69	.03								
3986	1600-1602	2	.20									
---	1602-1630	28	No core available									
3987	1630-1635	5	.10				<.001	Nil	Tr.			

Sample No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %	Mo.%	Au. oz/ton	Ag. oz/ton
3988	1635-1640	5	.14				
3989	1640-1645	5	.45				
3990	1645-1648	3	.42	.04			
3991	1705-1710	5	.06				
3992	1710-1715	5	.09				
3993	1715-1720	5	.10				
3994	1720-1725	5	.03				
3995	1725-1730	5	.06				
3996	1730-1735	5	.16	.02			
3997	1735-1740	5	.07		<.001	Nil	Tr.
3998	1740-1745	5	.04				
3999	1745-1750	5	.06				
4005	1750-1755	5	.03				
4006	1755-1760	5	.02				
----	1760-1770	10	No core available				
4000	1770-1775	5	.03				
4001	1775-1780	5	.05				
4002	1780-1785	5	.01				
4003	1785-1790	5	.04				
4004	1790-1795	5	.02				
4007	1795-1798	3	.03		Nil	Nil	Tr.
----	1798-1806	8	No core available				
4008	1806-1810	4	.08				
4009	1810-1815	5	.03				
4035	1815-1820	5	.03				
4036	1820-1825	5	.06				
4037	1825-1830	5	.11				

Depth of Hole 2230

World Index System

Sample No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %	Mo.%	Au. oz/ ton	Ag. oz/ ton
4038	1830-1835	5	.30	.03			
4039	1835-1840	5	.35		<.001	Nil	Tr.
4040	1840-1845	5	.19				
4041	1845-1850	5	.11				
4042	1850-1855	5	.12				
4043	1855-1860	5	.17				
4044	1860-1865	5	.22				
4045	1865-1870	5	.12				
4046	1870-1875	5	.20				
4047	1875-1880	5	.37	.03			
4048	1885-1885	5	.18				
4049	1885-1890	5	.26				
4050	1890-1895	5	.20		.002	Nil	Tr.
051	1895-1897.5	2.5	.11				
3454	1888.1-1897.5	9.4	.23		.001	Nil	Tr.
193	1897.5-1900	2.5	.13				
194	1900-1905	5	.20				
195	1905-1910	5	.36	.02			
196	1910-1915	5	.16				
197	1915-1920	5	.08				
198	1920-1925	5	.13				
199	1925-1930	5	.28				
200	1930-1935	5	.16		.007	Nil	Tr.
201	1935-1940	5	.06				
202	1940-1945	5	.17				
03	1945-1950	5	.09				
204	1950-1955	5	.15				

County and State Graham, Arizona — Depth of Hole 2230

World Index System — Page 10 of 11

Sample No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %			Mo.%	Au. oz/ton	Ag. oz/ton			
4205	1955-1960	5	.16									
4206	1960-1965	5	.13									
4207	1965-1970	5	.14									
4208	1970-1975	5	.19									
4209	1975-1980	5	.21	.01								
4210	1980-1985	5	.15				<.001	Nil	Tr.			
4211	1985-1990	5	.18									
4212	1990-1995	5	.20									
4213	1995-2000	5	.12									
4214	2000-2005	5	.08									
4215	2005-2010	5	.10									
4216	2010-2015	5	.09									
4217	2015-2020	5	.07									
4218	2020-2025	5	.25									
4219	2025-2030	5	.27	.01			.001	Nil	.04			
4220	2030-2035	5	.21									
4221	2035-2040	5	.25									
4222	2040-2045	5	.20									
4223	2045-2050	5	.23									
4224	2050-2055	5	.33									
4225	2055-2060	5	.39	.02								
4226	2060-2065	5	.26									
4227	2065-2070	5	.23									
4228	2070-2075	5	.16									
4229	2075-2080	5	.25									
4230	2080-2085	5	.32	.01			<.001	Nil	Tr.			
4231	2085-2090	5	.19									
4232	2090-2095	5	.18									

mple No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %			Mo.%	Au. oz/ ton	Ag. oz/ ton
233	2095-2100	5	.27						
4234	2100-2105	5	.20						
4235	2105-2110	5	.15						
4236	2110-2115	5	.11						
4237	2115-2120	5	.24						
4238	2120-2125	5	.14						
4239	2125-2130	5	.15						
4240	2130-2135	5	.13				<.001	Nil	Tr.
4241	2135-2140	5	.14						
4242	2140-2145	5	.22						
4243	2145-2150	5	.29						
4244	2150-2155	5	.56	.02					
4245	2155-2160	5	.43						
246	2160-2165	5	.79						
247	2165-2170	5	.58						
248	2170-2175	5	.35						
249	2175-2180	5	.21						
250	2180-2185	5	.25				<.001	.003	Tr.
251	2185-2190	5	.13						
252	2190-2195	5	.04						
253	2195-2200	5	.03						
254	2200-2205	5	.04						
255	2205-2210	5	.05						
256	2210-2215	5	.09						
257	2215-2220	5	.17	.01					
258	2220-2225	5	.05						
259	2225-2230	5	.05						

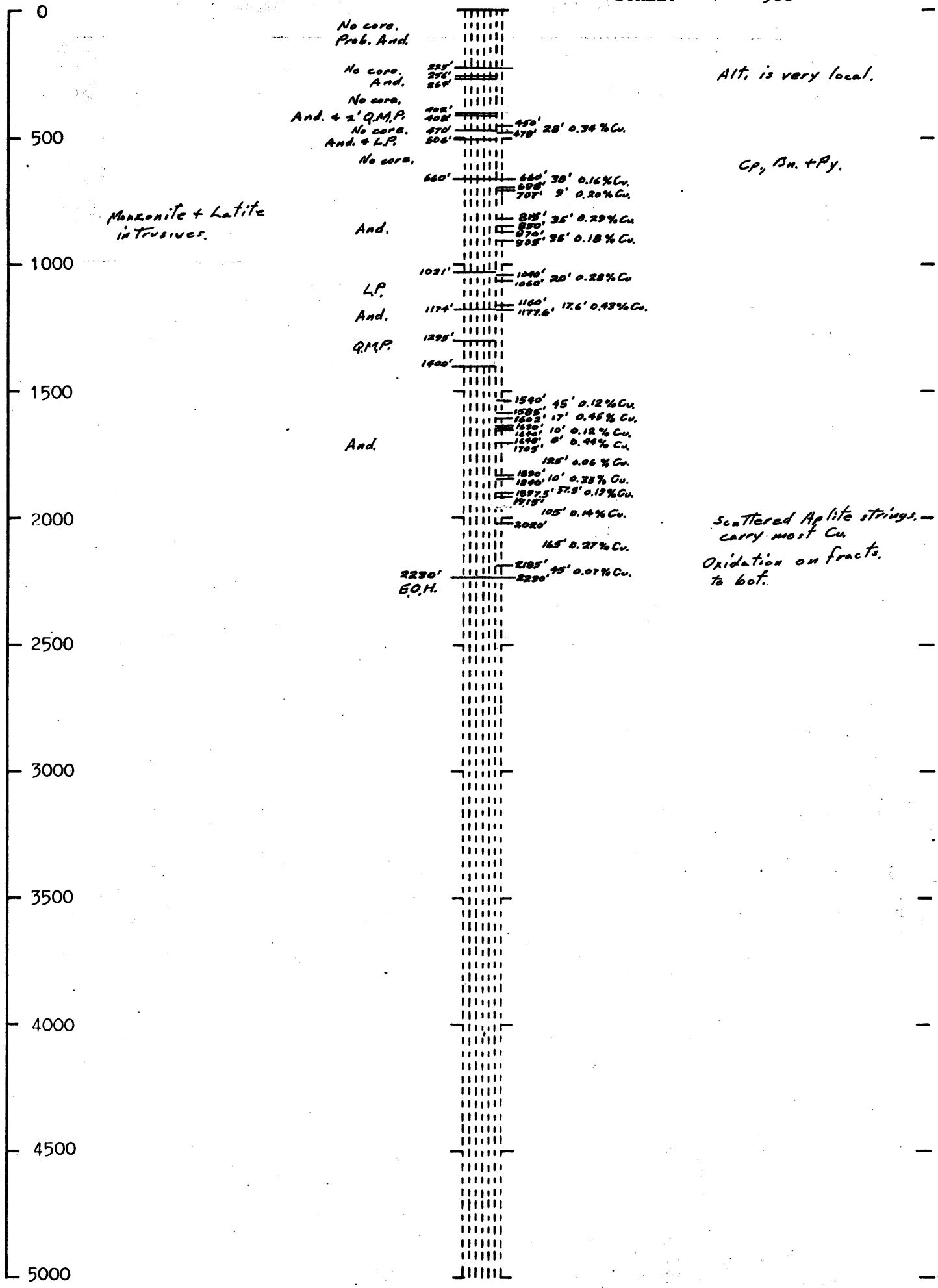
World Index System

Sample No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %
	450-465	15	.21	
	465-478	13	.49	
	450-478	28	.34	
	660-698	38	.16	
	698-707	9	.20	
	815-850	35	.29	
	870-905	35	.18	
	1040-1060	20	.28	
	1160-1177.6	17.6	.43	
	1540-1585	45	.12	
	1585-1602	17	.45	
	1630-1640	10	.12	
	1640-1648	8	.44	
	1705-1830	125	.06	
	1830-1840	10	.33	
	1840-1897.5	57.5	.19	
	1888.1-1915.0	26.9	.23	
	1915-2020	105	.14	

ample No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %
	2020-2150	130	.22	
	2150-2170	20	.59	
	2170-2185	15	.27	
	2020-2185	165	.27	
	2185-2230	45	.07	

RV 10

SCALE: 1" = 500'



County and State Graham, Arizona

Depth of Hole RV-10 2230

World Index System

Sample No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %
	450-465	15	.21	
	465-478	13	.49	
	450-478	28	.34	
	660-698	38	.16	
	698-707	9	.20	
	815-850	35	.29	
	870-905	35	.18	
	1040-1060	20	.28	
	1160-1177.6	17.6	.43	
	1540-1585	45	.12	
	1585-1602	17	.45	
	1630-1640	10	.12	
	1640-1648	8	.44	
	1705-1830	125	.06	
	1830-1840	10	.33	
	1840-1897.5	57.5	.19	
	1889.1-1915.0	26.9	.23	
	1915-2020	105	.14	

County and State Graham, Arizona AVERAGES Depth of Hole RU-10 2230 F

World Index System

Sample No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %
	2020-2150	130	.22	
	2150-2170	20	.59	
	2170-2185	15	.27	
	2020-2185	165	.27	
	2185-2230	45	.07	

DDH RV-10 - SAN JUAN (RARE METALS)

Split twice

Condensed Log RR 4/27/61

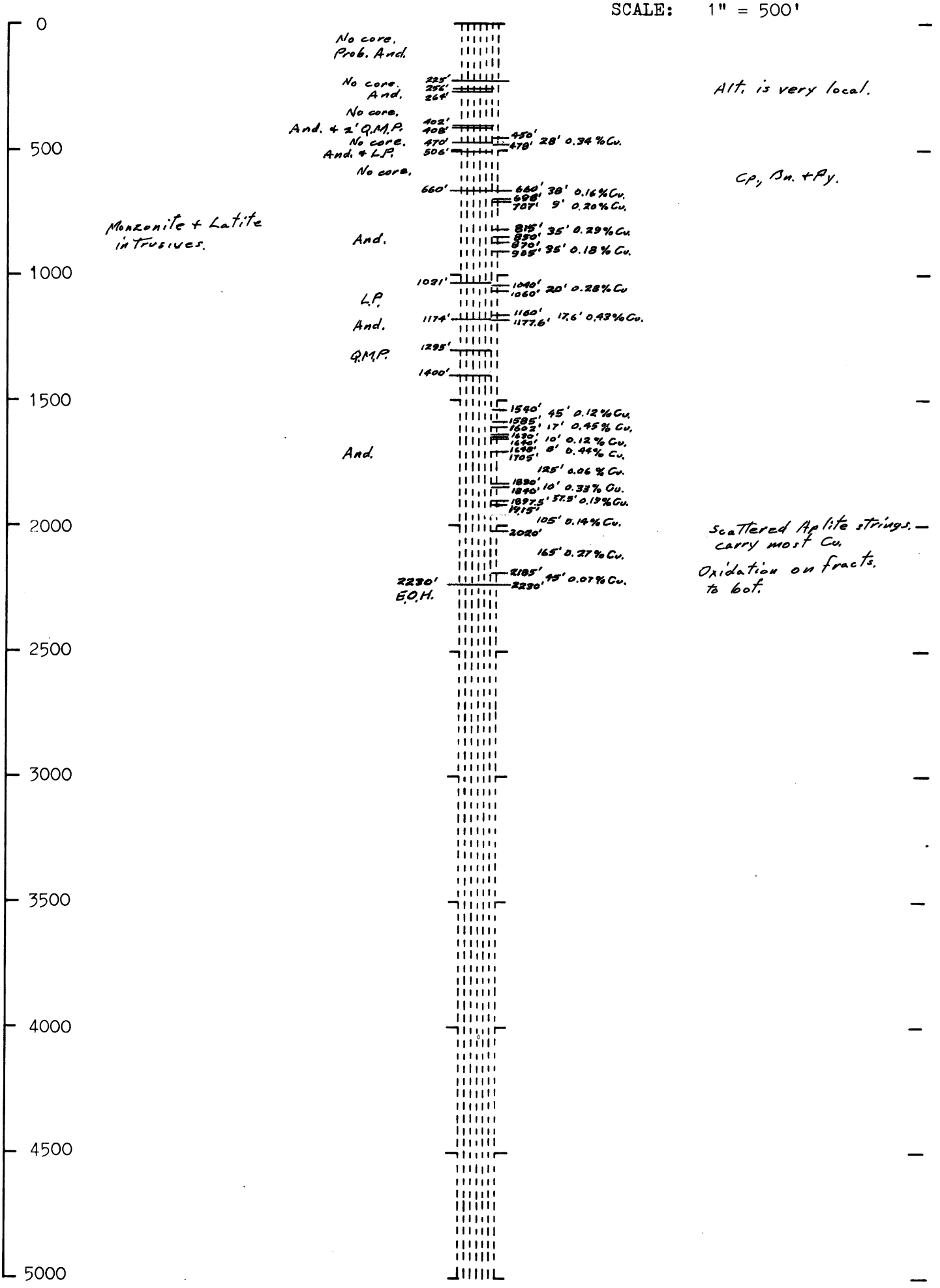
Footage	Rock	% Cu	Sulfides	Oxides
0-222	No Core (Prob. And.)			
222-225	And.	?	?	Lim, hem, complete
225-256	No core			
256-264	And.	?	?	Lim, hem, Cu
264-402	No core			
402-408	And. and 2' QMP	.1	Ccp, Py	Lim
408-470	Core-none			
470-506	And & LP	.1	Ccp, Py	
506-660	No Core			
660-975	And	.2	Ccp, Bn, Py	Bn, very local
975-985	And & 1' Monz.	.5	Ccp, Bn, Py	
985-1004	And	.3	Ccp, Bn, Py	
1004-1031	And	.1	Ccp, Bn, Py	
1031-1174	LP	.2	Ccp, Bn, Py	
1174-1295	And	.2	Ccp, Bn, Py	
1295-1400	QMP	.15	Ccp, Bn, Py	
1400-1800	And	.1-.2	Ccp, Bn, Py	
1800-2230	And	.1-.2	Ccp, Bn, Py	Scattered Aplite stringe carry most Cu.
TD				

COMMENTS: Low grade hole at west edge of intrusive. Cuts both monzonite and latite intrusives (dikes and apophyses) Alteration is very local. Sulfides never heavy. Oxidation appears in fractures to bottom of hole. Heavy oxidation of sulfides down to at least 500 feet.

RV 10

Rare Metals

SCALE: 1" = 500'



County and State Graham, Arizona

RV-10

Depth of Hole 2230

World Index System

Sample No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %			Mo.%	Au. oz/ ton	Ag. oz/ ton		Rare Metals T.Cu.%	
	0-5	5									.16	
	5-10	5									.10	.13
	10-15	5									.28	
	15-20	5									.48	
	20-25	5									.22	.3
	25-30	5									.28	
	30-35	5									.35	
	35-40	5									.32	.3
	40-45	5									.19	
	45-50	5									.42	
	50-55	5									.22	
	55-60	5									.25	.4
	60-65	5									.35	
	65-70	5									.35	.3
	70-75	5									.35	
	75-80	5									.45	.4
	80-85	5									.48	
	85-90	5									.22	.3
	90-95	5									42	
	100-105	5									.35	
	105-110	5									.28	
	110-115	5									.22	
	115-120	5									.25	.2
	120-125	5									.32	
	125-130	5									.25	
	130-135	5									.19	

...mple No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %			Mo.%	Au. oz/ ton	Ag. oz/ ton		Rare Metals f.Cu%	
	135-140	5									.35	
	140-145	5									.45	
	145-150	5									.32	.3
	150-155	5									.28	
	155-160	5									.38	
	160-165	5									.35	
	165-170	5									.45	
	170-175	5									.32	
	175-180	5									.38	
	180-185	5									.41	
	185-190	5									.25	
	190-195	5									.25	.2
	195-200	5									.22	
	200-205	5									.13	.1
	205-210	5									.16	
	210-215	5									.32	.3
	215-220	5									.32	
	220-225	5									.25	
	225-230	5									.29	.2
	230-235	5									.32	
	235-240	5									.32	.3
	240-245	5									.29	
	245-250	5									.22	.2
	250-255	5									.38	
	255-260	5									.41	.3
	260-265	5									.32	
	265-270	5									.32	

County and State Graham, Arizona

Depth of Hole RH-10 2230

Grid Index System

Sample No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %			Mo.%	Au. oz/ ton	Ag. oz/ ton		Rare Metals f.Cu%	
	270-275	5									.16	
	275-280	5									.19	.1
	280-285	5									.25	
	285-290	5									.25	.2
	290-295	5									.25	
	295-300	5									.32	
	300-305	5									.16	
	305-310	5									.25	
	310-315	5									.16	
	315-320	5									.13	
	320-325	5									.19	.1
	325-330	5									.16	
	330-335	5									.28	
	335-340	5									.32	.3
	340-345	5									.67	
	345-350	5									.45	
	350-355	5									.19	.5
	355-360	5									.57	
	360-365	5									.51	
	365-370	5									.16	
	370-375	5									.10	
	375-380	5									.16	.1
	380-385	5									.13	
	385-390	5									.16	
	390-395	5									.25	
	395-400	5									.25	.2
	400-405	5									.19	

AVERAGES

County and State Graham, Arizona

Depth of Hole 520 RV-9A f

World Index System

Sample No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %
	480-520	40	.14	

County and State Graham, Arizona — Depth of Hole PV-10 2230

World Index System — Page 4 of 11

Sample No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %			Mo.%	Au. oz/ton	Ag. oz/ton		Rare Metals T.Cu%	
	405-410	5									.16	
	410-415	5									.22	
	415-420	5									.19	
	420-425	5									.42	
	425-430	5									.32	
	430-435	5									.16	
	435-440	5									.13	
	440-445	5									.25	
	445-450	5									.22	
4179	450-455	5	.20								.32	
4180	455-460	5	.19				<.001	Nil	.04		.25	
4181	460-465	5	.25								.35	
4182	465-470	5	.34								.52	
4183	470-475	5	.52	.04							.25	
4184	475-480	5	.71								.77	
	480-485	5									.16	
	485-490	5									.32	
	490-495	5									.16	
	495-500	5									.16	
	500-505	5									.29	
	505-510	5									.25	
	510-515	5									.10	
	515-520	5									.19	
	520-525	5									.10	
	525-530	5									.29	
	530-535	5									.22	
	535-540	5									.13	

County and State Graham, Arizona

Depth of Hole RD-10 2230

World Index System

Sample No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %			Mo.%	Au. oz/ ton	Ag. oz/ ton	(Rare Metals Interval Ft.)	Rare Metals T.Cu%	
	540-545	5									.19	
	545-550	5									.19	
	550-555	5									.22	
	555-560	5									.19	
	560-565	5									.10	
	565-570	5									.13	
	570-575	5									.25	
	575-580	5									.22	
	580-585	5									.06	
	585-590	5									.38	
	590-595	5									.22	
	595-600	5									.22	
	600-605	5									.22	
	605-610	5									.19	
	610-615	5									.32	
	615-620	5									.38	
	620-625	5									.29	
	625-630	5									.19	
	630-635	5									.16	
	635-640	5									.16	
	640-645	5									.13	
	645-650	5									.32	
	650-655	5									.32	
4185	660-665	5	.31									
4186	665-670	5	.11							(655-670)	.48	
4187	670-675	5	.13							(660-675)	.48	

Sample No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %			Mo %	Au. oz/ton	Ag. oz/ton	(Rare Metals Interval)	Rare Metals T.Cu%	
4188	675-680	5	.08							(665-680)	.38	
4189	680-685	5	.16									
4190	685-690	5	.15				<.001	Nil	Tr.			
----	690-698	8	No core available									
4191	698-703	5	.23	.01								
4192	703-707	4	.17									
4057	815-820	5	.32									
4058	820-825	5	.45									
4059	825-830	5	.24									
4060	830-835	5	.25				<.001	Nil	Tr.			
4061	835-840	5	.21									
4062	840-845	5	.22									
4063	845-850	5	.34	.02								
----	850-870	20	No core available									
4064	870-875	5	.16									
4065	875-880	5	.21									
4066	880-885	5	.23									

CONTINUED ON PAGE 7

Sample No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %			Mo.%	Au. oz/ ton	Ag. oz/ ton			
4067	885-890	5	.20									
4068	890-895	5	.14									
4069	895-900	5	.12									
4070	900-905	5	.20				Nil	Nil	Tr.			
4053	1040-1045	5	.35	.01								
4054	1045-1050	5	.20									
4055	1050-1055	5	.27									
4056	1055-1060	5	.31									
4073	1160-1168	8	.46	.02								
4052	1168-1177.6	9.6	.41	.01								
3974	1540-1545	5	.12									
3975	1545-1550	5	.16									
3976	1550-1555	5	.18									
3977	1555-1560	5	.09				<.001	Nil	Tr.			
3978	1560-1565	5	.12									
3979	1565-1570	5	.05									
3980	1570-1575	5	.10									
3981	1575-1580	5	.19									
3982	1580-1585	5	.11									
3983	1585-1590	5	.23									
3984	1590-1595	5	.52									
3985	1595-1600	5	.69	.03								
3986	1600-1602	2	.20									
---	1602-1630	28	No core available									
3987	1630-1635	5	.10				<.001	Nil	Tr.			

ample No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %			Mo.%	Au. oz/ ton	Ag. oz/ ton			
3988	1635-1640	5	.14									
3989	1640-1645	5	.45									
3990	1645-1648	3	.42	.04								
3991	1705-1710	5	.06									
3992	1710-1715	5	.09									
3993	1715-1720	5	.10									
3994	1720-1725	5	.03									
3995	1725-1730	5	.06									
3996	1730-1735	5	.16	.02								
3997	1735-1740	5	.07				<.001	Nil	Tr.			
3998	1740-1745	5	.04									
3999	1745-1750	5	.06									
4005	1750-1755	5	.03									
4006	1755-1760	5	.02									
----	1760-1770	10	No core available									
4000	1770-1775	5	.03									
4001	1775-1780	5	.05									
4002	1780-1785	5	.01									
4003	1785-1790	5	.04									
4004	1790-1795	5	.02									
4007	1795-1798	3	.03				Nil	Nil	Tr.			
----	1798-1806	8	No core available									
4008	1806-1810	4	.08									
4009	1810-1815	5	.03									
4035	1815-1820	5	.03									
4036	1820-1825	5	.06									
4037	1825-1830	5	.11									

County and State Graham, Arizona

Depth of Hole RV-10 2230

World Index System

Sample No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %			Mo.%	Au. oz/ ton	Ag. oz/ ton			
4038	1830-1835	5	.30	.03								
4039	1835-1840	5	.35				<.001	Nil	Tr.			
4040	1840-1845	5	.19									
4041	1845-1850	5	.11									
4042	1850-1855	5	.12									
4043	1855-1860	5	.17									
4044	1860-1865	5	.22									
4045	1865-1870	5	.12									
4046	1870-1875	5	.20									
4047	1875-1880	5	.37	.03								
4048	1885-1885	5	.18									
4049	1885-1890	5	.26									
4050	1890-1895	5	.20				.002	Nil	Tr.			
4051	1895-1897.5	2.5	.11									
3454	1888.1-1897.5	9.4	.23				.001	Nil	Tr.			
4193	1897.5-1900	2.5	.13									
4194	1900-1905	5	.20									
4195	1905-1910	5	.36	.02								
4196	1910-1915	5	.16									
4197	1915-1920	5	.08									
4198	1920-1925	5	.13									
4199	1925-1930	5	.28									
4200	1930-1935	5	.16				.007	Nil	Tr.			
4201	1935-1940	5	.06									
4202	1940-1945	5	.17									
4203	1945-1950	5	.09									
4204	1950-1955	5	.15									

County and State Graham, Arizona

Depth of Hole RU-10 2230

World Index System

Sample No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %			Mo. %	Au. oz/ ton	Ag. oz/ ton			
4205	1955-1960	5	.16									
4206	1960-1965	5	.13									
4207	1965-1970	5	.14									
4208	1970-1975	5	.19									
4209	1975-1980	5	.21	.01								
4210	1980-1985	5	.15				<.001	Nil	Tr.			
4211	1985-1990	5	.18									
4212	1990-1995	5	.20									
4213	1995-2000	5	.12									
4214	2000-2005	5	.08									
4215	2005-2010	5	.10									
4216	2010-2015	5	.09									
4217	2015-2020	5	.07									
4218	2020-2025	5	.25									
4219	2025-2030	5	.27	.01			.001	Nil	.04			
4220	2030-2035	5	.21									
4221	2035-2040	5	.25									
4222	2040-2045	5	.20									
4223	2045-2050	5	.23									
4224	2050-2055	5	.33									
4225	2055-2060	5	.39	.02								
4226	2060-2065	5	.26									
4227	2065-2070	5	.23									
4228	2070-2075	5	.16									
4229	2075-2080	5	.25									
4230	2080-2085	5	.32	.01			<.001	Nil	Tr.			
4231	2085-2090	5	.19									
4232	2090-2095	5	.18									

County and State Graham, Arizona

Depth of Hole RV-10 2230

World Index System

Sample No.	Interval (ft.)	Feet	Total Cu %	Oxide Cu %			Mo.%	Au. oz/ ton	Ag. oz/ ton			
4233	2095-2100	5	.27									
4234	2100-2105	5	.20									
4235	2105-2110	5	.15									
4236	2110-2115	5	.11									
4237	2115-2120	5	.24									
4238	2120-2125	5	.14									
4239	2125-2130	5	.15									
4240	2130-2135	5	.13				<.001	Nil	Tr.			
4241	2135-2140	5	.14									
4242	2140-2145	5	.22									
4243	2145-2150	5	.29									
4244	2150-2155	5	.56	.02								
4245	2155-2160	5	.43									
4246	2160-2165	5	.79									
4247	2165-2170	5	.58									
4248	2170-2175	5	.35									
4249	2175-2180	5	.21									
4250	2180-2185	5	.25				<.001	.003	Tr.			
4251	2185-2190	5	.13									
4252	2190-2195	5	.04									
4253	2195-2200	5	.03									
4254	2200-2205	5	.04									
4255	2205-2210	5	.05									
4256	2210-2215	5	.09									
4257	2215-2220	5	.17	.01								
4258	2220-2225	5	.05									
4259	2225-2230	5	.05									