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October 31, 1980

Pacific Coast Mines, Inc.
3075 Wilshire Boulevard
Los Angeles, California 90010

Attention: R. C. Munro

Re: Recommended Bulk-Tonnage Disseminated Gold Prospect, Mayflower Mine Area, Bullfrog Hills, Beatty Volcanic Project, Nye County, Nevada

Summary

The Tertiary stratified conglomerate in the Mayflower Area is recommended as a bulk-tonnage disseminated gold prospect. The geologic setting of the conglomerate is that of a permeable sedimentary unit at the top of the pre-mineral Tertiary rocks and immediately beneath the first post-mineral erosion surface. Results from dump sampling show that the conglomerate contains disseminated gold values exterior to higher-grade mineralized fracture zones, in contrast to host rocks at other mines and prospects in the Bullfrog Hills. The sample results and surface observations indicate that (1) epithermal mineralization was at a depth position near the "ore-time" surface, (2) the conglomerate was a favorable host for disseminated gold values, and (3) the present surface may be just above the depth zone most favorable for gold mineralization. The favorable conglomerate host underlies claims held by Spicer Mining Co. and PCMI. Negotiations with Mr. Spicer to obtain a reasonable agreement on the Mayflower property and a subsequent drilling program are recommended.

General

This report describes the geologic reconnaissance and sampling program carried out in the Bullfrog Hills in the northern portion of the Beatty Volcanic Project and summarizes the data indicating that the stratified conglomerate in the Mayflower Area has potential as a bulk-tonnage gold prospect. Bulk samples from mine dumps and scattered smaller samples from prospect pits and surface exposures were taken throughout the area in July and August 1980. The sampling was carried out to define those local areas where precious metal mineralization would be disseminated, would extend into the host rocks beyond the limits of a narrow vein or structural zone, and where there could be an exploration potential for large-scale bulk-tonnage deposits. Approximately 35 to 50 pounds of material in representative samples was taken from the face of mine dumps and assayed by Southwestern Assayers and U. S. Borax Research Center for gold, silver, and various pathfinder elements. Sample locations are plotted on an accompanying 1:12000-scale map (Figure 3) and analytical results are tabulated in the appendix.

The major claim owners in the area are CORDEX, with a claim block east of Pioneer, Spicer Mining Co., and PCMI. Claims in the Mayflower area covering the exposures of the favorable conglomerate and its projection beneath a thin post-mineral alluvium and volcanics are held by Spicer Mining Co. and PCMI and are outlined on the accompanying Geologic Sketch May of the Bullfrog Hills (Figure 1) at a scale of 1:12000 and on the Geologic Map of the Mayflower Mine Area (Figure 2) at a scale of 1:6000. Mr. Spicer has not indicated the type of agreement or terms desired for an option or other acquisition agreement on the limited claim block near the Mayflower Mine. The Mayflower patented claims were included with all other Spicer Mining Co. properties in the Beatty Area in an earlier generalized and unrealistic submittal by Mr. Greenspun (Spicer's financial broker) to RTZ.

Previous exploration activity in the Bullfrog Hills has been limited. CORDEX staked claims over the areas of sheared slivers of Paleozoic rocks east and west of Pioneer in the late 1970s. Several rotary holes were drilled in each area and CORDEX still retains the claims east of Pioneer.

Geology

Alteration effects and epithermal-type gold mineralization are widespread and are superimposed on a complex association of low-angle fault slivers of Paleozoic sedimentary rocks with the older volcanic series and porphyry intrusives. Exposures of altered and mineralized rocks are limited and obscured by later post-mineral volcanics and alluvium. The distribution and relationships of these rock units in the Mayflower Area is presented on Figure 2. Pre-mineral rocks consist of the stratified conglomerate and rhyolitic volcanics of the older volcanic series capped by remnant low-angle fault slivers of sheared Paleozoics. The stratified conglomerate appears to be an upper unit of the older volcanic series that rest conformably on rhyolitic welded tuffs, and contains cobbles and boulders of the earlier volcanics and the Paleozoic rocks. Most of the unit exhibits thick beds of coarse cobbles and boulders set in a fine-grained matrix with interspersed thin beds of well-sorted pebbles, arkosic sandstone or siltstone. A thick zone of tuffaceous pebble conglomerate and water-lain tuff occurs near the base. The porous conglomerate appears to be a favorable host for disseminated mineralization. It is at least 1,000 feet thick, is exposed over approximately one quarter of a square mile, and probably extends over an additional area of one-half to one square mile beneath the adjacent alluvium and gently-dipping post-mineral volcanics.

Alteration and Mineralization in the Mayflower Area

Gold Occurrence

As indicated by old maps and the near-surface workings, the major development and limited stoping in the Mayflower Mine was along a northwest-trending zone and stopes

were terminated at a depth of 200 to 250 feet below the surface. There are no well defined veins indicated. Near-surface workings contain manganiferous calcite and cryptocrystalline silica emplaced in open breccias along the northwest-trending fracture zones and are suggestive of a zone of late boiling. The conglomerate appears dense and silicified over widths of 50 to 100 feet adjacent to the fracture zones.

The manner in which gold occurs in the mineralized conglomerate is not known. Higher grade zones are suggested by the old stopes and by tailings that average 0.10 ounce gold, but samples of the near-surface manganiferous calcite and cryptocrystalline silica do not have prominent gold values. The gold may occur in thin, hairline to .10-inch vuggy quartz veinlets that are preferentially localized in the dense silicified rock or coarse cobbles and boulders.

Structural Control

Structural influence over alteration and mineralization is indicated by the dense appearance, silicification, and hematitic and limonitic staining developed for a distance of up to 100 feet adjacent to northwest-trending fractures and fracture zones. Parallel, northwest-trending, thin, vuggy quartz and calcite veinlets were noted cross-cutting boulders and coarse cobbles in the conglomerate at a substantial distance from the larger fractures. These veinlets did not continue through the finer-grained matrix and reflect former fracturing of cobbles and boulders in the consolidated beds.

Stratigraphic Control

Surface outcrops of different beds in the conglomerate show a substantial variation in the apparent intensity of silicification and limonitic and hematitic staining. Beds with coarse cobbles and boulders are hematite stained and appear dense and siliceous. The basal part of the conglomerate is also silicified, exhibits prominent limonite and manganese oxides, and was preferentially prospected. In contrast, fine-grained sandy and silty beds and the tuffaceous pebble conglomerate are soft, bleached, and argillized. The available analytical data indicates that the silicified conglomerate contains 5 to 10 times as much arsenic as the finer-grained argillized beds.

Sample Results

Samples in the Mayflower Area were taken in two separate stages, with the initial samples consisting of large bulk samples from dumps of the larger and deeper workings near the Mayflower Mine. The second and later set of samples were taken from surface exposures, prospects, and near-surface adits west of the Mayflower Mine and were specifically of different types of lithology to determine possible controls over the alteration and mineralization. The results of this sampling were:

1. The six initial samples from the dumps of deeper shafts and major workings were prominently anomalous in gold, arsenic, and barium and averaged .05 ounce gold per ton. These

results indicate dissemination of gold values into the permeable conglomerate exterior to higher-grade mineralized zones. However, the material in these samples was biased in two ways: first, it was blasted rock that included both boulders and coarse cobbles as well as the matrix of the conglomerate, and second, it probably represents rock from development workings exterior to but near higher-grade structural zones and from a depth of 200 to 250 feet below the surface.

2. The second set of samples consisted of widespread surface and near-surface samples of different lithologies and types of alteration. They exhibited a similar anomalous arsenic and barium content, but much lower gold values. These samples were dominantly rock chip samples and were biased toward a smaller size fraction and the finer-grained matrix of the conglomerate.

3. Both field observations and sample results indicated structural and stratigraphic control over alteration and mineralization. Northwest-trending fracture zones have influenced mineralization and are paralleled by thin quartz veinlets in boulders and cobbles. Beds with coarse cobbles and boulders appear more favorable than finer-grained sediments. A vertical zoning pattern is indicated and more intense mineralization may be present at depths of several hundred feet.

The important results of the bulk sampling program in the Bullfrog Hills were:

1. The Mayflower Area was the only area where anomalous gold values were consistently present in the mine dumps sampled. The anomalous gold in these dumps contrasts with the general absence of gold in bulk samples from dumps elsewhere in the Bullfrog Hills and indicates that gold was disseminated in the permeable stratified conglomerate wallrock exterior to higher-grade mineralized fracture zones.

2. Separate groups of anomalous trace elements characteristic of different types of mineralization were clustered in different areas and suggest a rough zoning pattern and possible centers of mineralization in the Mayflower Area and west of Pioneer. These separate areas and their characteristic anomalous trace elements were:
   a. Mayflower Area and the stratified conglomerate - Au, As, Ba
   b. Sheared Paleozoics and porphyry west of Pioneer - F, Mo, As, Ba
   c. Pioneer Mine area - As
   d. Sheared Paleozoics in the vicinity of the CORDEX claims east of Pioneer - Ba, Ag, Au, As, Sb
   e. Yellowjacket area north of Pioneer - Hg, As, erratic Au

3. The trace element suite, and the high gold to silver ratio in mineralized samples is consistent with the geologic interpretation that the area is at a probable depth position high in an epithermal mineralized system and near the "ore-time" surface.

Conclusions and Recommendations

The stratified conglomerate in the Mayflower Area contains disseminated gold min-

eralization and is recommended as a prospect with potential for bulk-tonnage gold mineralization. The conglomerate represents a host environment very favorable for disseminated mineralization in a geologic setting just beneath the first post-mineral erosion surface and high in an epithermal mineralized system. This relationship is similar to that known in the Creede District of Colorado and the Mayflower Area has the exploration potential for a gold deposit similar to the disseminated silver deposit at Creede.

The altered and mineralized conglomerate extends over a sizeable area with a volume more than sufficient to encompass relatively large low-grade reserves and a potential open pit operation. The present surface may be above a zone of widespread ore-grade mineralization and thorough evaluation would require drilling to depths between 500 and 1,000 feet.

Our recommendations for the prospect are:

1. Negotiations with Spicer Mining Co. to obtain a reasonable agreement for exploration and mining rights to the Mayflower property.
2. Initiation of a sequential exploration program, with drilling dependent on the negotiations with Spicer Mining Co.
   a. If favorable terms can be obtained on the patented Mayflower claims, a program of sequential drilling in at least two widely-spaced drill hole profiles with two or three 500 to 1,000-foot holes in each profile is recommended.
   b. If favorable terms can not be obtained from Spicer Mining Co., three drill holes on PCMI's unpatented "BVD" claims are recommended. The drilling of each individual widely-spaced 500 to 1,000-foot holes should be followed by detailed evaluation of the results prior to the planning of further work.

Respectfully submitted,

Russell M. Corn

Richard Ahern

Appendix and maps attached.

PROSPECT BULLFROG HILLS, BEATTY VOLCANIC PROJECT

SAMPLE LOG

COUNTY NYE STATE NEVADA

SAMPLE NUMBER	LOCATION		DESCRIPTION	RADIOACTIVE ELEMENTS			PATHFINDER ELEMENTS							BASE METALS				SULFO-SALTS		PRECIOUS METALS	
	LEGAL	GEOGRAPHIC	LITHOLOGY AND MINERALIZATION	U_3O_8	eU	eTh			Ca %	Mn	Ba	F	Hg	Cu	Mo	Pb	Zn	As	Sb	Au	Ag
214	SE/NE/11, 11S, 46E	Mayflower Mine	Hematite stained conglomerate									510				220		64	19	.103	14.7
215	"	"	Mill tailings									520	.80			<10		3	3	6.17	13.7
216	NE/SW/2, 11S, 46E	Pioneer Mine	Hematized rhyolite breccia									420				<10		8		.068	8.22
217	NE/1, 11S, 46E	Cordex Drill Hole	Unaltered andesite									470				<10		4			
218	NE/NW/2, 11S, 46E	Cordex claims	Silicified rhyolite breccia									350	.025			<10		21	1		
219	NE/35, 10S, 46E	Yellowjacket Mine	Pyritic opalized rhyolite breccia									310	.32			<10		160	1	.137	8.23
291	"	"	Tuff from prospect pits									1100	.18		2	30		40	1	Tr	5.14
292	SE/NW/35, 10S, 46E	Sierra Blanca dump	Silicified welded tuff									520	1.6		5	26		25	1	Tr	5.48
293	NE/SW/7, 11S, 47E	Babs claim group	Mn fault in limestone and tuff									480	.50		2	31		2	2		
294	SE/NE/11, 11S, 46E	Mayflower Mine	Silicified conglomerate (w/Au?)									400	.68		3	36		27	3		
295	NW/NE/13, 11S, 46E	Phillips' drill hole	Rhyolite cuttings 420'-440'									620	.26		1	25		<2	9		
306	SE/NE/11, 11S, 46E	Mayflower Mine	Manganiferous carbonate																	2.33	121.7
538	SE/SE/2, 11S, 46E	Lower Pioneer shaft	Dump sample									590			18	61				Tr	.34
539	SE/SE/2, 11S, 46E	Pioneer mill	Crushed ore: quartz-limonite									700			31	38				Tr	.68
540	SE/SE/2, 11S, 46E	Near Pioneer "tank"	Higher-grade ore: silicified									550			13	69				.034	2.06
541	SW/NW/12, 11S, 46E	Mayflower mill	Crushed 1" ore below mill									520			10	237				.034	2.74
542	SE/NW/12, 11S, 46E	Mayflower dump	Grab from east face of dump									620			10	78				.068	3.08
562	SE/NE/12, 11S, 46E	Quartzite Ridge	Fractured shale below glide fault											19	26	50	612	76		.220	3.1
575	NW/1, 11S, 46E	Shaft dump	Rhyolite tuff breccia: argillized, pyritized							76	270	450	.024					122	2	?	?
576	NW/1, 11S, 46E	Prospect dump	Mn stained breccia below limonite breccia							1600	175	760	.080	<5	<5	13	70	96	4	.154	.2
577	NW/1, 11S, 46E	Adit dump	Mn-calcite dump sample							620	90	400	.029	11	<5	14	<5	12	<1	.275	.7
578	NW/1, 11S, 46E	Shaft dump	Mn-calcite beneath siliceous cap						.92	274	200	430	.087	6	5	33	6	7	2	.143	.7
579	NW/1, 11S, 46E	"	Grab of select "high-grade"						.88	364	215	420	.013	11	<5	15	5	14	1	.165	.5
580	NW/1, 11S, 46E	Outcrop near shaft	Siliceous cap rock Mn-calcite breccia						13.8	5500	470	470	.036	8	7	33	<5	16	<1	.242	2.3
581	SE/NW/1, 11S, 46E	Dump west of Pioneer	Mn-calcite						.84	820	4200	620	1.38	5	6	25	53	183	6	.297	.7

ALL VALUES IN PPM UNLESS INDICATED OTHERWISE

CORN & AHERN
CONSULTING GEOLOGISTS
TUCSON, ARIZONA

PROSPECT BULLFROG HILLS, BEATTY VOLCANIC PROJECT

SAMPLE LOG

COUNTY NYE STATE NEVADA

SAMPLE NUMBER	LOCATION		DESCRIPTION	RADIOACTIVE ELEMENTS			PATHFINDER ELEMENTS							BASE METALS				SULFO-SALTS		PRECIOUS METALS	
	LEGAL	GEOGRAPHIC	LITHOLOGY AND MINERALIZATION	U_3O_8	eU	eTh			Ca %	Mn	Ba	F	Hg	Cu	Mo	Pb	Zn	As	Sb	Au	Ag
582	SE/NW/1, 11S, 46E	Dump west of Pioneer	Rhyolite breccia without Mn-calcite						.06	34	75	960	.36	16	<5	17	11	207	5	.132	.5
583	NE/1, 11S, 46E	Cordex drill hole	Grab of dark gray volcanic							450	15	820	.42	28	<5	57	76	38	3	.110	.9
584	NW/1, 11S, 47E	Spicer placer pit	50 #- ¼" fines from bank of pit							315	1600	760	.23	11	<5	18	48	9	2	.132	.7
585	"	"	50 #- ¼" fines from floor of pit							260	810	1000	.31	10	<5	17	40	11	<1	.121	.7
586	SE/26, 10S, 46E	Yellowjacket Mine	Silicified breccia, NW part of dump							18	55	520	1.89	6	<5	18	21	279	1	12.1	2.3
587	"	"	East face of main dump							1200	20	1200	1.02	11	7	21	119	116	3	.363	2.3
588	"	"	Southeast face of main dump							850	750	820	.94	20	6	19	53	55	4	.374	2.0
589	"	"	Siliceous breccia with vuggy quartz							22	35	590	3.27	22	<5	27	29	178	4	.176	2.2
590	"	"	Mn-calcite quartz vein material on dump							1400	230	590	.94	19	8	14	37	41	1	.594	4.1
591	SE/SW/26, 10S, 46E	Adit west of Yellowjacket	Clay limonite altered tuffs							134	460	1000	.32	<5	<5	20	40	121	4	.154	.5
592	NW/2, 11S, 46E	West of M.R.S. road	Spherulitic silicified tuff							34	570	600	.22	<5	<5	15	10	40	2	.121	.3
593	SE/NW/35, 10S, 46E	Lower Sierra Blanca adit	S.60°W. 55°N. fault footwall							19	105	520	4.00	<5	<5	18	18	31	2	.330	.4
594	"	Face of south drift	Hanging wall							30	210	600	7.20	10	<5	12	58	60	1	.253	.5
595	"	"	Across fault							39	245	680	8.87	5	26	25	119	123	5	.528	.6
596	"	37' east of south drift	Hanging wall N.30°E. 65°N fault							12	220	660	5.09	<5	<5	31	10	38	1	.297	.4
597	"	"	Silicified vuggy footwall							14	200	680	3.12	<5	<5	15	9	16	<1	.275	.4
598	"	"	Vuggy Mn-calcite							1100	170	620	8.58	34	<5	26	75	47	2	.319	.4
599	"	"	Silicified Mn stained tuff							124	155	700	6.25	6	<5	15	19	41	<1	.319	.4
601	SW/1, 11S, 46E	Pioneer Mine area	Bulk sample of mill tailings							60	550			6	36	26	23	193	3	1.32	1.3
602	"	Pioneer townsite	Recrystallized limestone							108	3700			17	5	41	8	12	<1	.066	4.0
603	"	"	Hematite-Mn stained sandstone							550	8200			8	<5	46	19	21	1	.033	0.7
604	NE/1, 11S, 46E	Cordex claim area	Dump of shattered altered limestone							3600	110			27	11	42	186	76	3	1.06	3.5
605	"	"	Black to dark red altered limestone							1900	50			13	7	42	19	62	1	.077	3.9
606	"	"	Red sheared sandstone							71	600			16	7	22	38	390	8	.649	.7
607	NW/7, 11S, 47E	Top of Quartzite Mtn.	Brecciated quartzite							60	50			60	5	15	<5	23	2	.077	.2

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COUNTY NYE STATE NEVADA

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	LEGAL	GEOGRAPHIC	LITHOLOGY AND MINERALIZATION	U_3O_8	eU	eTh			Ca %	Mn	Ba	F	Hg	Cu	Mo	Pb	Zn	As	Sb	Au	Ag
608	NW/7, 11S, 47E	Top of Quartzite Mtn.	Lower 100' of Brecciated quartzite							16	45							26	1		
634	SE/2, 11S, 46E	Shaft west of Pioneer	Silicified milled rhyolite breccia and rhyolite intrusive							16	201			<5	<5	22	19	60	2	.154	.3
635	"	"	"							174	1100			<5	<5	30	32	44	1	.099	.2
636	"	West of Pioneer Mine	Propylitic altered milled breccia							268	1200			5	<5	30	32	174	2	.297	.2
637	"	Adit west of Pioneer	Silicified milled breccia							36	220			6	<5	16	<5	99	1	.099	<.2
638	"	Slope above Pioneer	Dense silicified rhyolite							60	680			<5	<5	13	<5	87	2	.088	.3
639	"	"	Green rhyolite and milled breccia							90	620			8	<5	18	15	58	3	.165	.2
640	"	"	Green rhyolite and milled breccia with carbonate							332	490			8	<5	24	25	18	3	.220	.6
642	"	Dump above mill	Hematitic rhyolite tuff							202	250			<5	<5	22	35	34	4	.341	.4
643	"	West of mill site	Andesite tuff breccia							352	2900			<5	<5	22	25	34	3	.110	.5
644	"	East of mill site	Fine-grained tuff							286	560			7	33	25	35	104	5	2.31	1.2
645	"	Dump south of Pioneer Mine	White rhyolite							300	900			8	5	29	40	191	1	.220	.4
646	"	Dump south of road	Mn-FeOx stained shattered rhyolite							308	580			<5	<5	25	45	174	2	.110	.5
647	NE/SE/2, 11S, 46E	Northeast of Microwave Station	Silicified rhyolite with veinlets							294	225			5	<5	21	74	45	2	.198	.2
648	"	"	Carbonate with Mn from adit							5000	500			10	5	31	28	62	1	.110	2.3
649	"	"	Andesite and rhyolite fault breccia							3600	1200			18	<5	24	132	57	3	.099	.4
651	"	North of Pioneer Mine	Siliceous green rhyolite with carbonate							195	260			<5	<5	21	28	34	1	.044	.4
652	"	"	"							264	225			7	<5	19	47	36	2	.099	.4
653	NW/SW/1, 11S, 46E	East of Pioneer Mine	Limonitic rhyolite tuff							108	530			<5	<5	22	27	87	1	.055	.4
684	SE/NE/11, 11S, 46E	Mayflower Adit	110' to 160' from portal								1800	815		38	<5	30	41	32	3	.121	.8
686	"	"	160' to 210' from portal								1400	840		32	<5	25	38	20	1	.154	1.1
687	"	"	210' to 260' from portal & crosscut								1200	750		39	<5	27	34	26	1	.154	.6
688	"	200' east of Mayflower	Sandstone at base of post-mineral tuff								1500	620		51	<5	48	23	6	<1	.110	.3
689	"	Mayflower Adit	Sandstone 25' from portal								1100	660		20	<5	19	26	14	2	.110	.2
690	"	"	Pebble conglomerate beneath sandstone								1400	750		62	<5	26	26	9	2	.176	.7

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SAMPLE LOG

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691	SE/NE/11, 11S, 46E	200'NE Mayflower shaft	Conglomerate 150' southwest vein								600	680		76	<5	21	27	39	1	.187	.4
692	NE/NE/11, 11S, 46E	Upper Mayflower stope	Altered dense conglomerate								600	675		65	<5	19	23	164	2	.550	.8
693	SE/NE/11, 11S, 46E	300' southeast of shaft	"								600	660		91	<5	19	24	85	<1	.198	.5
695	NE/NE/11, 11S, 46E	Mayflower Adit	Quartz carbonate vein zone with hematite								900	660		53	5	31	32	50	1	2.00	2.3
696	SW/NE/11, 11S, 46E	"	Brecciated silicified conglomerate								1000	760		95	5	29	20	110	3	1.22	1.5
698	NE/NE/11, 11S, 46E	East of Mayflower adit	Clay-conglomerate								700	725		69	<5	21	23	11	2	.176	.6
699	"	"	Silicified hematitic conglomerate								1100	725		57	<5	22	21	4	1	.198	.3
1150	NW/35, 10S, 46E	Lower Sierra Blanca Adit	Shattered silicified tuff at face							33	155	1000	1.07	8	<5	21	21	35	<1	.088	.3
1151	"	Lower Sierra Blanca Adit, south drift	Hanging wall of S.60°W. 55° fault							18	220	920	2.45	7	<5	19	13	60	1	.396	.5
1153	"	"	Clay and gouge from fault of #1151							42	330	890	3.65	12	<5	28	39	62	1	.627	.4
1154	"	Upper adit, Sierra Blanca	Breccia with Mn-calcite at face							50	290	890	3.21	12	<5	19	74	118	1	.550	.5
1155	"	"	Clay in southern stub drift							26	320	800	3.44	11	<5	23	16	62	1	.715	.6
1156	"	"	Mn-breccia across from stub							1700	320	960	2.93	9	<5	23	104	64	<1	.165	.5
1157	"	"	3' across cinnabar vein							268	690	960	2.18	13	<5	22	24	53	2	.363	.7
1158	"	"	Silicified tuff with Mn-FeOx clay							284	520	800	1.65	15	<5	21	43	147	3	.484	.6
1159	"	"	"							48	880	920	1.07	18	<5	25	31	133	7	.187	.5
1160	"	"	Siliceous tuff, portal of north drift							330	410	820	1.87	12	<5	20	69	98	3	.319	.6
1161	"	"	Silliceous Mn stained tuff at face of north drift							3500	1300	1100	1.92	14	<5	31	112	81	7	.198	.9
1162	"	"	Shattered, MnFeOx tuff in south drift							290	310	960	1.89	14	<5	17	44	46	3	.374	.6
1163	"	"	Massive tuff at portal of south drift							550	270	800	1.78	25	<5	17	66	81	4	.022	.4
1164	"	"	52' from face, Mn stained tuff							300	1200	840	1.62	47	<5	26	86	93	4	.363	.4
1165	"	"	15' west of cinnabar vein, tuff							164	720	890	1.65	27	<5	23	44	59	6	.286	.6
1166	"	"	2' white quartz with Mn							590	10	680	1.47	44	<5	15	9	7	5	.220	.7
1168	SE/NE/35, 10S, 46E	Narrows west of Yellowjacket Mine	Silicified brecciated tuff with FeMnOx							2100	500	800	1.71	142	<5	22	120	89	21	.110	.5

ALL VALUES IN PPM UNLESS INDICATED OTHERWISE

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PROSPECT BULLFROG HILLS, BEATTY VOLCANIC PROJECT

COUNTY NYE STATE NEVADA

SAMPLE LOG

SAMPLE NUMBER	LOCATION		DESCRIPTION	RADIOACTIVE ELEMENTS			PATHFINDER ELEMENTS							BASE METALS				SULFO-SALTS		PRECIOUS METALS	
	LEGAL	GEOGRAPHIC	LITHOLOGY AND MINERALIZATION	U_3O_8	eU	eTh			Ca %	Mn	Ba	F	Hg	Cu	Mo	Pb	Zn	As	Sb	Au	Ag
1169	NE/SW/35, 10S, 46E	Adit south of Sierra Blanca	Silicified tuff							46	430	820	1.41	11	9	24	29	33	2	.242	.6
1170	"	Shaft south of #1169	Mixed limey sed. and silicified tuff							286	660	1500	1.28	166	12	36	23	112	3	.165	.4
1171	"	"	Silicified argillized tuff							530	1000	1000	640	<5	<5	34	36	27	2	.099	.7
1172	SW/SW/35, 10S, 46E	600' east of hill 4799	Shattered quartzite							80	50	820	240	<5	<5	8	<5	13	2	.077	.5
1173	NE/NW/2, 11S, 46E	Gulch n.of hill 4719	Silicified pyritic porphyry							128	1000	740	.130	12	6	18	34	123	1	.154	.5
1174	"	"	Altered silicified porphyry							126	1000	800	.145	23	<5	23	32	73	2	.121	.4
1175	11S, 47E	Spicer placer pit	Heavies panned by Corn & Ahern																		
1176	"	"	Heavies from Spicer's mill																		
1178	NW/NE/2, 11S, 47E	North end Pioneer ridge	Vuggy quartz breccia with Mn-calcite							450	310	890	.505	7	5	34	132	33	<1	.143	4.4
1179	"	"	Quartz veinlets in slide block							342	2700	760	.303	19	<5	27	65	52	2	.022	1.0
1180	SW/NE/2, 11S, 46E	Cut at base of cap	Pyritic siliceous rhyolite							17	300	620	.265	6	<5	21	8	83	2	.352	.7
1181	SE/NW/2, 11S, 46E	Dozer cut along road	Quartzite							374	220	890	.090	21	15	25	52	19	4	.220	.8
1182	"	"	Siltstone							450	1000	1200	.080	68	18	22	103	26	6	.077	.7
1183	"	Drill hole along road	Grab of cuttings							334	1700	1200	.105	24	5	32	53	31	6	.132	.7
1184	"	Dump by road	Mn-calcite, black gouge in limestone							510	900	1500	.290	19	6	29	51	22	3	.154	1.1
1186	"	"	Quartzite on dump							52	50	840	.345	15	10	10	6	34	1	1.13	.9
1187	C/NW/2, 11S, 46E	Prospect w. of road	Altered tuff breccia							230	1100	1200	.320	<5	<5	29	36	41	3	.110	.5
1188	"	Prospect on hillside	Vuggy quartz veinlets in altered porphyry							20	1500	1800	.280	9	10	22	<5	58	1	.055	.9
1189	NW/NW/2, 11S, 46E	West slope hill 4719	Shattered quartzite and limestone							174	2900	920	.090	13	6	22	22	79	3	.077	1.9
1190	SW/NW/2, 11S, 46E	600' west of road	FeMnOx stained siltstone							404	910	1900	.080	78	<5	15	112	71	18	.110	1.2
1191	"	350' west of road	Altered pyritic siltstone							132	490	1400	.090	26	6	18	26	119	4	.440	1.0
1192	SE/NE/11, 11S, 46E	Mayflower shaft dump	Silicified conglomerate							280	1600	660	.240	14	<5	31	51	65	4	.693	1.1
1193	"	Mayflower shaft dump center face	"							176	2000	820	.545	17	<5	23	40	44	2	4.07	2.2
1194	"	Mayflower shaft near ore bins	"							194	1400	1100	.560	10	<5	24	32	67	2	2.44	1.4
1195	"	500' west of Mayflower shaft	Conglomerate with Mn-calcite							266	1400	890	.400	7	<5	21	26	54	3	?	1.0

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COUNTY NYE STATE NEVADA

SAMPLE LOG

SAMPLE NUMBER	LOCATION		DESCRIPTION	RADIOACTIVE ELEMENTS			PATHFINDER ELEMENTS							BASE METALS				SULFO-SALTS		PRECIOUS METALS	
	LEGAL	GEOGRAPHIC	LITHOLOGY AND MINERALIZATION	U_3O_8	eU	eTh			Ca %	Mn	Ba	F	Hg	Cu	Mo	Pb	Zn	As	Sb	Au	Ag
1197	SE/NE/11, 11S, 46E	Mayflower adit	Mn-calcite and silicified conglomerate							364	1500	800	.680	13	<5	23	48	129	2	1.21	1.4
1198	"	"	"							240	1200	840	.250	9	<5	19	34	97	2	?	1.8
1199	"	Mayflower adit, near face	Siliceous vein zone							542	880	820	.505	33	<5	23	23	66	1	1.58	1.8
1200	"	Shaft south of adit	Silicified conglomerate							264	1600	830	.400	8	<5	20	39	69	2	.240	.8
1201	/11, 11S, 46E										1300	750		51	<5	20	20	11	2	.088	.6
1202	/11, 11S, 46E										1100	690		55	<5	15	29	69	<1	.110	.3
1203	C/NE/11, 11S, 46E	North end of Mayflower Ridge	Clay to reddish conglomerate								1100	1100		57	<5	26	27	8	2	?	.2
1205	"	Mayflower Ridge crest	Silicified conglomerate								190	700		97	<5	16	12	61	1	.242	?
1206	"	Dump on Mayflower Ridge crest	FeOx silicified conglomerate								410	810		103	<5	15	14	56	1	.044	?
1207	SW/NE/11, 11S, 46E	Mayflower Ridge	Silicified conglomerate								1200	750		82	<5	17	33	49	<1	.033	.3
1208	"	"	Limestone fragments in silicified conglomerate								800	755		88	<5	15	17	45	1	?	.3
1209	"	West slope of Mayflower Ridge	FeOx silicified conglomerate								600	780		94	6	16	26	83	<1	.165	.3
1210	"	BVD Wash	Silicified conglomerate								1100	700		76	<5	23	31	15	<1	.022	?
1445	C/N½/11, 11S, 46E	North end ridge	Silicified tuff								120	470	.20	185	5	37	11	25	6	.44	0.7
1446	"	Center of west side of ridge	Silicified breccia with quartz veins								100	470	.32	156	<5	25	7	18	5	.54	0.7
1447	"	Prospect pit	FeOx in silicified breccia with quartz veins								2000	660	.14	97	<5	31	11	11	3	.47	0.5
1448	"	Text trench	"								2100	520	.26	141	<5	34	7	12	5	.40	0.5
1449	NE/NE/11, 11S, 46E	?	Silicified tuff breccia								80	430	.42	155	<5	39	41	21	6	.54	0.5
1450	SE/NW/2, 11S, 46E	Porphyry Hill	Silicified tuff breccia								290	530	.09	159	5	34	31	21	5	.60	0.8
1451	"	In gulch near Porphyry Hill	Argillized limonitic shale								600	890	.01	92	<5	25	103	13	6	.64	1.1
1452	SW/NW/2, 11S, 46E	?	Quartzite								290	680	.03	168	11	38	14	108	5	1.08	1.4
1453	"		Mn stained altered volcanic								2200	680	.130	55	<5	27	25	13	2	.50	0.6
1454	SW/SW/2 11S, 46E		Limonitic fluidized tuff								160	530	.05	152	<5	34	14	21	2	.46	0.6
1456	NE/SW/2, 11S, 46E		Brecciated argillized tuff								110	620	.17	100	<5	29	11	7	2	.81	0.8
1457	"		Dense fine-grained greenish tuff								100	670	.20	58	<5	36	12	10	1	.72	0.7

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COUNTY NYE STATE NEVADA

SAMPLE LOG

SAMPLE NUMBER	LOCATION		DESCRIPTION	RADIOACTIVE ELEMENTS			PATHFINDER ELEMENTS							BASE METALS				SULFO-SALTS		PRECIOUS METALS	
	LEGAL	GEOGRAPHIC	LITHOLOGY AND MINERALIZATION	U_3O_8	eU	eTh			Ca %	Mn	Ba	F	Hg	Cu	Mo	Pb	Zn	As	Sb	Au	Ag
1458	SE/SW/2, 11S, 46E	Shaft in saddle	Silicified fragments in tuff breccia								500	750	.74	58	<5	36	21	10	4	.78	0.9
1459	"	West of saddle	Silicified tuff breccia								90	520	.06	107	9	24	14	33	5	.80	0.7
1460	NW/NE/11, 11S, 46E		Welded tuff breccia								300	680	.62	43	<5	28	48	18	3	.21	0.4
1461	"		Siliceous limonitic tuff								300	530	.08	133	<5	19	22	61	7	.51	0.6
1462	"		Manganiferous conglomerate								1000	490	.18	83	<5	25	85	69	12	.04	0.8

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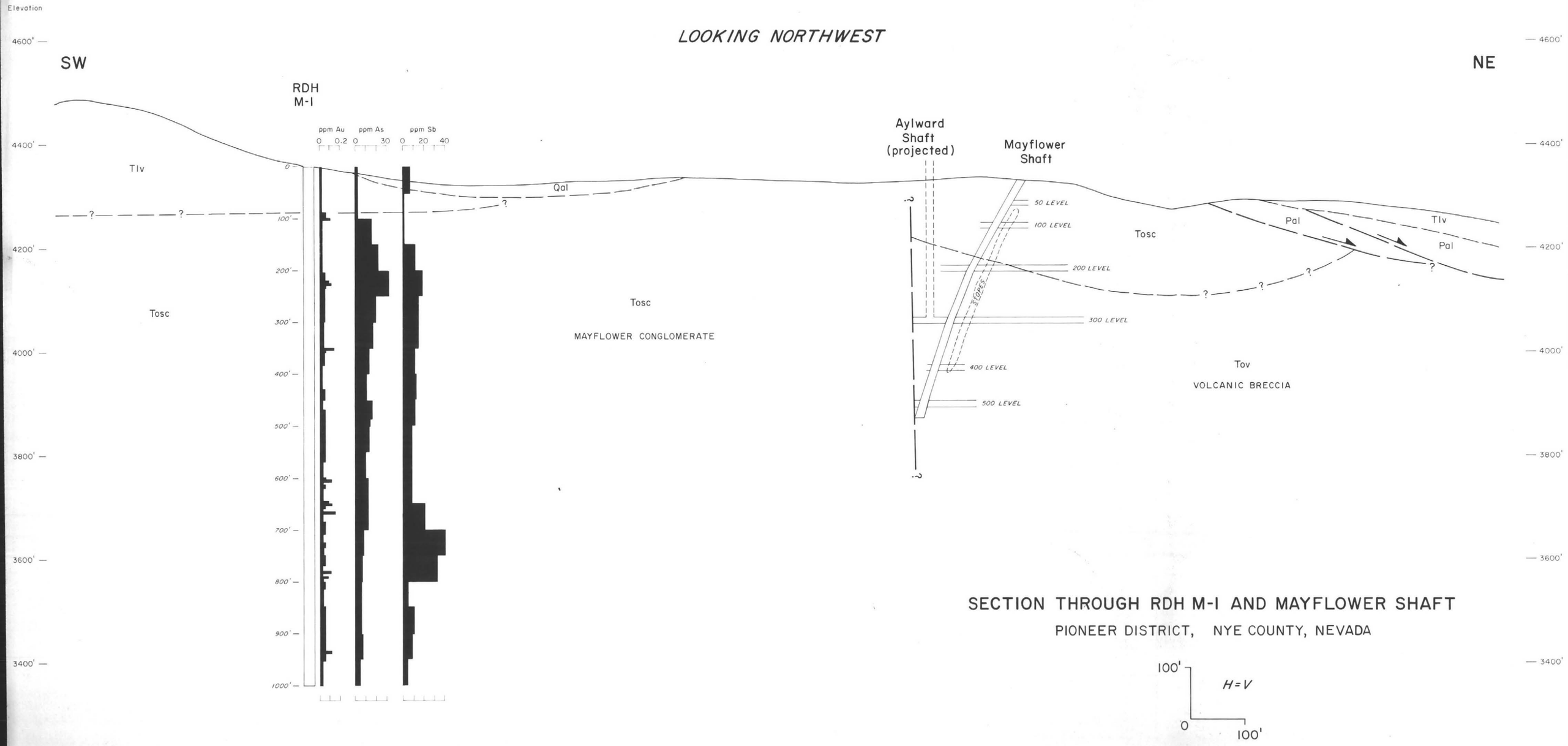

SECTION THROUGH RDH M-I AND MAYFLOWER SHAFT

PIONEER DISTRICT, NYE COUNTY, NEVADA

100'
H=V
0
100'

HOLE NO. RDH M-1 PROSPECT Bullfrog Hills (Pioneer District) COUNTY Nye STATE Nevada

CLAIM BVD 5274 SECTION SE¼11 T. 11 S. R. 46 E. COLLAR COORDS. ≈16500 N, ≈63730 E (Cordex-Pioneer Coords.)

ELEVATION ≈4360 HOLE SIZE hammer/foam (5¼" air) CORE SIZE No core. HOLE ANGLE Vertical

SPUDDED 1/14/82 COMPLETED 1/16/82 DRILLER (Stevens & Harris) Sam Stevens LOGGED BY R. Ahern

TOTAL DEPTH 1,000'

DRILL HOLE ASSAY LOG

HOLE DEPTH	INTERVAL	SAMPLE NUMBER	Au ₂	Ag ₂	As ₂	Sb ₂	Cu ₂	Mo ₂	Pb ₂	Zn ₂	Hg ₁	W ₂	F ₁	Acid Sol. Ba ₁	Total Ba % ₁	U ₁		GEOLOGY
0 - 50	50	2701	.03	1.0	3	7	11	<5	34	48	.04	3	840	470	.18			Post-mineral tuff.
50 - 100	50	2702	.03	1.0	2	<2	9	<5	32	46	.04	2	885	480	.24			
100 - 150	50	2703	.03	0.8	16	<2	6	<5	30	36	.02	3	626	570	.28			Mayflower conglomerate.
150 - 200	50	2704	.05	0.8	23	11	5	<5	30	51	.04	3	550	370	.12			
200 - 250	50	2705	.03	0.8	33	18	6	<5	32	46	.04	3	555	350	.25			
250 - 300	50	2706	.03	0.8	20	15	5	<5	28	30	.04	3	680	470	.29			
300 - 350	50	2707	.03	0.6	18	15	7	<5	25	40	.06	4	665	540	.20			
350 - 400	50	2708	.03	1.0	14	15	10	<5	26	39	.04	4	725	490	.29			
400 - 450	50	2709	.03	0.9	12	11	7	<5	24	38	.04	4	635	470	.12			
450 - 487	37	2710	.03	0.8	16	12	7	<5	24	32	.04	4	590	400	.21			
487 - 500	13	2712	.08	0.9	13	11	15	<5	87	126	.04	4	570	520	.66			
500 - 550	50	2713	.06	1.1	13	8	7	<5	36	56	.04	4	686	500	.29			
550 - 600	50	2714	.08	1.3	11	8	8	<5	32	40	.04	5	727	450	.28			
600 - 650	50	2715	.05	1.0	12	9	8	<5	30	36	.04	5	920	700	.30			
650 - 700	50	2716	.05	0.9	12	21	8	<5	26	33	.02	7	799	500	.34			
700 - 750	50	2717	.05	0.9	7	40	8	<5	25	40	.02	7	622	400	.14			
750 - 800	50	2718	.05	0.8	7	32	8	<5	25	43	.02	7	630	610	.36			
800 - 850	50	2719	.06	0.9	6	5	9	<5	29	42	.02	7	500	560	.20			
850 - 900	50	2720	.09	1.3	6	11	8	<5	27	45	.02	7	600	520	.18			
900 - 950	50	2721	.03	1.2	7	9	7	<5	30	40	.02	5	751	660	.21			
950 - 1000	50	2722	.05	0.9	5	5	8	<5	24	49	.02	6	670	650	.12			

ALL VALUES IN PPM UNLESS OTHERWISE INDICATED.

ASSAYS BY
1. COPPER STATE ANALYTICAL, TUCSON.
2. U.S. BORAX RESEARCH CENTER, ANAHEIM

CORN & AHERN

HOLE NO. RDH M-1 PROSPECT Bullfrog Hills (Pioneer District) COUNTY Nye STATE Nevada

CLAIM BVD 5274 SE¼ SECTION 11 T. 11 S. R. 46 E. COLLAR COORDS. ≈16500 N, ≈63730 E (Cordex-Pioneer Coords)

ELEVATION ≈4360 HOLE SIZE 5½" foam air hammer/ CORE SIZE No core HOLE ANGLE Vertical

SPUDDED 1/14/82 COMPLETED 1/16/82 DRILLER Sam Stevens (Stevens and Harris) LOGGED BY R. Ahern

TOTAL DEPTH 1000'

DRILL HOLE DESCRIPTIVE LOG

HOLE DEPTH	INTERVAL	RECOVERY	SAMPLE NUMBER	Au	Hg		ROCK TYPE	ROCK DESCRIPTION	ALTERATION	MINERALIZATION
0 - 10	10		2701-B	.03			Tuff.	Unwelded ash flow tuff,	Devitrified, well leached	None. Post-mineral.
10 - 20	10		2701-C	.03				light gray with small quartz	with clay.	
20 - 30	10		2701-D	.03				crystals and crystalline		
30 - 40	10		2701-E	<.02				magnetite.		
40 - 50	10		2701-F	.03						
50 - 60	10		2702-B	.08						
60 - 70	10		2702-C	.03						
70 - 80	10		2702-D	.03						
80 - 90	10		2702-E	.03			Mayflower	Coarse fragments of Paleozoic	Oxidized, bleached and	None noted.
90 - 100	10	Air hammer: dry with good return.	2702-F	.06			conglomerate.	quartzite welded tuff and	leached. Biotite tarnished	
100 - 110	10		2703-B	.06				porphyry with carbonate	yellow. Increase in clay	
110 - 115	5		2703-C	.11				cement. Euhedral magnetite	and hematite stain.	
115 - 120	5		2703-D	.03				in panned heavies. Prominent		
120 - 125	5		2703-E	.03				color change at 100' from		
125 - 130	5		2703-F	.03				light tan above 100' to		
130 - 135	5		2703-G	.03				reddish-gray beneath.		
135 - 140	5		2703-H	.03						
140 - 145	5		2703-I	.03						
145 - 150	5		2703-J	.03						
150 - 155	5		2704-A	.03						
155 - 160	5		2704-B	<.02					Occasional chips of sericite	
160 - 165	5		2704-C	.03					with fine grained hematite	
165 - 170	5		2704-D	.03					crystals.	
170 - 175	5		2704-E	.03						
175 - 180	5		2704-F	.03						
180 - 185	5		2704-G	.03						

All values in ppm.

CA CORN & AHERN

HOLE NO. RDH M-1 PROSPECT Bullfrog Hills (Pioneer District) COUNTY Nye STATE Nevada

HOLE DEPTH	INTERVAL	RECOVERY	SAMPLE NUMBER	Au	Hg		ROCK TYPE	ROCK DESCRIPTION	ALTERATION	MINERALIZATION
185 - 190	5		2704-H	.03						
190 - 195	5		2704-I	.03						
195 - 200	5		2704-J							
200 - 205	5		2705-B	.03						
205 - 210	5		2705-C	.05						
210 - 215	5		2705-D	.05						
215 - 220	5		2705-E	.05						
220 - 225	5		2705-F	.08						
225 - 230	5	Air hammer: dry with good recovery.	2705-G	.11						
230 - 235	5		2705-H	.06						
235 - 240	5		2705-I	.05						
240 - 245	5		2705-J	.05						
245 - 250	5		2705-K	.05						
250 - 255	5		2706-B	.06						
255 - 260	5		2706-C	.06						
260 - 265	5		2706-D	.05				Paleozoic quartzite lithics.		
265 - 270	5		2706-E	.05						
270 - 275	5		2706-F	.05						
275 - 280	5		2706-G	.05						
280 - 285	5		2706-H	.05						
285 - 290	5		2706-I	.03						
290 - 295	5		2706-J	.05						
295 - 300	5		2706-K	.05						
300 - 305	5		2707-B	.08						
305 - 310	5		2707-C	.05						
310 - 315	5		2707-D	.03						
315 - 320	5		2707-E	.06						
320 - 325	5		2707-F	.03						
325 - 330	5		2707-G	.03						

All values in ppm.

CORN & AHERN

HOLE NO. RDH M-1 PROSPECT Bullfrog Hills (Pioneer District) COUNTY Nye STATE Nevada

HOLE DEPTH	INTERVAL	RECOVERY	SAMPLE NUMBER	Au	Hg		ROCK TYPE	ROCK DESCRIPTION	ALTERATION	MINERALIZATION
330 - 335	5		2707-H	.03						
335 - 340	5		2707-I	.03					Minor phlogopite.	
340 - 345	5		2707-J	.03						
345 - 350	5		2707-K	.05						
350 - 355	5		2708-B	.14						
355 - 360	5		2708-C	.06						
360 - 365	5		2708-D	.05						
365 - 370	5		2708-E	.05			Mayflower	Abundant quartzite fragments	Light pink suggestive of	
370 - 375	5		2708-F	.03			conglomerate.	with chips of altered tuff.	hematitic alteration.	
375 - 380	5		2708-G	.05				Sample contaminated by		
380 - 385	5	Air hammer; dry with good recovery.	2708-H	.05				overlying tuff.		
385 - 390	5		2708-I	.03						
390 - 395	5		2708-J	.03						
395 - 400	5		2708-K	.03						
400 - 405	5		2709-B	.03			Mayflower	Altered tuff and Paleozoic	Sericite-clay-chalcedony	
405 - 410	5		2709-C	.05			conglomerate.	quartzite fragments. Tuff	with quartz veinlets cutting	
410 - 415	5		2709-D	.03				has quartz crystals.	tuff. Hairline chalcedony	
415 - 420	5		2709-E	.03					veinlets. Biotite altered	
420 - 425	5		2709-F	.03					to golden chloritic zones	
425 - 430	5		2709-G	.03					enveloping quartz and	
430 - 435	5		2709-H	.11					argillite fragments.	
435 - 440	5		2709-I	.05						
440 - 445	5		2709-J	.05						
445 - 450	5		2709-K	.06						
450 - 455	5		2710-A	.03						
455 - 460	5		2710-B	.03						
460 - 465	5		2710-C	.03						
465 - 470	5		2710-D	.03						
470 - 475	5		2710-E	.06						
475 - 480	5		2710-F	.03						

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HOLE NO. RDH M-1 PROSPECT Bullfrog Hills (Pioneer District) COUNTY Nye STATE Nevada

HOLE DEPTH	INTERVAL	RECOVERY	SAMPLE NUMBER	Au	Hg		ROCK TYPE	ROCK DESCRIPTION	ALTERATION	MINERALIZATION
480 - 485	5	Poor	2710-G	.05						
485 - 487	2	recovery.	2710-H	.05	.08		Paleo channel.	Pebbles of Paleozoic		
487 - 490	3	Water.	2712-B	.05	.01			quartzite and tuff with		
490 - 495	5		2712-C	.05	.05			fine sandstone.		
495 - 500	5		2712-D	.05	.01		Mayflower	Altered tuff, intrusive and	Tuff exhibits silicification,	Scattered grains of pyrite noted in heavy
500 - 505	5		2713-A	.05	.08		conglomerate.	Paleozoic quartzite.	argillization and hematiza-	mineral separate.
505 - 510	5		2713-B	.06	.08				tion. Intrusive and	
510 - 515	5		2713-C	.05	.01				quartzite are silicified and	
515 - 520	5		2713-D	.03	.01				are occasionally cut	
520 - 525	5		2713-E	.05	.01				by chalcedony and quartz	
525 - 530	5		2713-F	.05	.01				veinlets.	
530 - 535	5		2713-G	.11	.05					
535 - 540	5	Air hammer & foam, good recovery.	2713-H	.05	.01					
540 - 545	5		2713-I	.05	.01					
545 - 550	5		2713-J	.05	.01					
550 - 555	5		2714-B	.08	.05					
555 - 560	5		2714-C	.05	.01					
560 - 565	5		2714-D	.05	.08					
565 - 570	5		2714-E	.05	.01					
570 - 575	5		2714-F	.03	.43					
575 - 580	5		2714-G	.03	.01					
580 - 585	5		2714-H	.05	.01					
585 - 590	5		2714-I	.03	.12					
590 - 595	5		2714-J	.03	.16					
595 - 600	5		2714-K	.03	.05					
600 - 605	5		2715-B	.06	.05		Mayflower	Volcaniclastic conglomerate	Argillic - hematitic.	
605 - 610	5		2715-C	.12	.08		conglomerate.	with fragments of Paleozoic,	Color darkens to darker gray	
610 - 615	5		2715-D	.03	.08			volcanic and intrusive rocks	below 400 feet.	Scattered grains of pyrite noted in some of
615 - 620	5		2715-E	.05	.16			set in a tuffaceous volcanic		heavy mineral separates between 600 & 700'.

matrix.

All values in ppm.

CORN & AHERN

HOLE NO. RDH M-1 PROSPECT Bullfrog Hills (Pioneer District) COUNTY Nye STATE Nevada

HOLE DEPTH	INTERVAL	RECOVERY	SAMPLE NUMBER	Au	Hg		ROCK TYPE	ROCK DESCRIPTION	ALTERATION	MINERALIZATION
620 - 625	5		2715-F	.03	.05					
625 - 630	5		2715-G	.03	.16					
630 - 635	5		2715-H	.03	.05					
635 - 640	5	Poor recovery.	2715-I	.03	.05					
640 - 645	5		2715-J	.03	.05					
645 - 650	5		2715-K	.08	.01					
650 - 655	5		2716-B	.12	.08					
655 - 660	5		2716-C	.05	.08					
660 - 665	5		2716-D	.03	.05					Heavy minerals are almost entirely
665 - 670	5		2716-E	.15	.12					magnetite through entire drill hole.
670 - 675	5		2716-F	.03	.01					
675 - 680	5	Poor recovery.	2716-G	.03	.01					
680 - 685	5		2716-H	.03	.27					
685 - 690	5		2716-I	.06	.01					
690 - 695	5	1 cup recovered.	2716-J	.05	.01					
695 - 700	5		2716-K	.05	.57					
700 - 705	5		2617-B	.06	.01					
705 - 710	5		2617-C	.05	.12					
710 - 715	5		2617-D	.03	.12					
715 - 720	5		2617-E	.03	.08					
720 - 725	5		2617-F	.03	.01					
725 - 730	5		2617-G	.05	.01					
730 - 735	5		2617-H	.05	.01					
735 - 740	5		2617-I	.03	.01					
740 - 745	5		2617-J	.05	.01					
745 - 750	5		2617-K	.03	.02					
750 - 755	5		2618-B	.06	.01					
755 - 760	5		2618-C	.05	.01					
760 - 765	5		2618-D	.05	.01					

All values in ppm.

CA CORN & AHERN

HOLE NO. RDH M-1 PROSPECT Bullfrog Hills (Pioneer District) COUNTY Nye STATE Nevada

HOLE DEPTH	INTERVAL	RECOVERY	SAMPLE NUMBER	Au	Hg		ROCK TYPE	ROCK DESCRIPTION	ALTERATION	MINERALIZATION
765 - 770	5		2618-E	.06	.01					
770 - 775	5		2618-F	.03	.02					
775 - 780	5		2618-G	.03	.12					
780 - 785	5		2618-H	.11	.01					
785 - 790	5		2618-I	.03	.01					
790 - 795	5		2618-J	.08	.01					
795 - 800	5		2618-K	.03	.01					
800 - 805	5		2719-B	.05	.01		Mayflower conglomerate.	Volcaniclastic conglomerate		
805 - 810	5		2719-C	.05	.01			with fragments of Paleozoic	Argillic-hematitic.	
810 - 815	5		2719-D	.05	.01			intrusive and volcanic		
815 - 820	5		2719-E	.03	.07			rocks.		
820 - 825	5		2719-F	.03	.02				Minor limonite stain and some	
825 - 830	5		2719-G	.03	.07				thin hairline quartz	Scattered grains of pyrite and limonite
830 - 835	5		2719-H	.03	.02				chalcedony veinlets.	after pyrite noted.
835 - 840	5		2719-I	.05	.02					
840 - 845	5		2719-J	.03	.07				Blue-green clays noted in	
845 - 850	5		2719-K	.03	.01				volcanic fragments.	
850 - 855	5		2720-B	.08	.08					
855 - 860	5		2720-C	.05	.01					
860 - 865	5		2720-D	.05	.04					
865 - 870	5		2720-E	.05	.04					
870 - 875	5		2720-F	.05	.01					
875 - 880	5		2720-G	.05	.08					
880 - 885	5		2720-H	.05	.01					
885 - 890	5		2720-I	.03	.04					
890 - 895	5		2720-J	.05	.01					
895 - 900	5		2720-K	.05	.08					
900 - 905	5		2721-B	.06	.20					
905 - 910	5		2721-C	.05	.12					

All values in ppm.

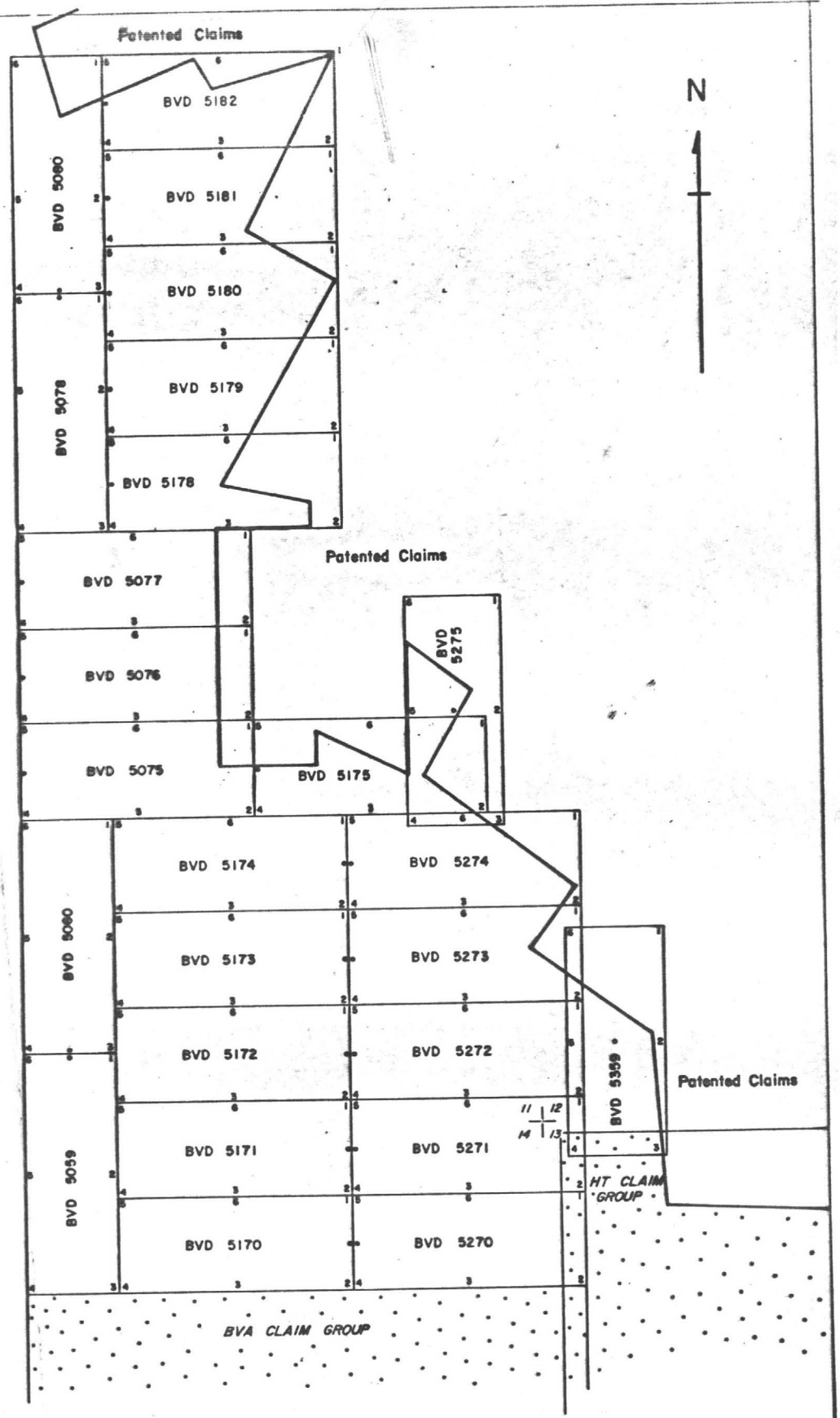
CA CORN & AHERN

HOLE NO. RDH M-1 PROSPECT Bullfrog Hills (Pioneer District) COUNTY Nye STATE Nevada

HOLE DEPTH	INTERVAL	RECOVERY	SAMPLE NUMBER	Au	Hg		ROCK TYPE	ROCK DESCRIPTION	ALTERATION	MINERALIZATION
910 - 915	5		2721-D	.05	.16					
915 - 920	5		2721-E	.05	.01					
920 - 925	5		2721-F	.05	.01					
925 - 930	5		2721-G	.05	.08					
930 - 935	5		2721-H	.05	.08					
935 - 940	5		2721-I	.12	.01					
940 - 945	5		2721-J	.06	.04					
945 - 950	5		2721-K	.05	.04					
950 - 955	5		2722-B	.05	.01					
955 - 960	5		2722-C	.03	.04					
960 - 965	5		2722-D	.03	.01					
965 - 970	5		2722-E	.05	.08					
970 - 975	5		2722-F	.03	.04					
975 - 980	5		2722-G	.03	.08					
980 - 985	5		2722-H	.03	.08					
985 - 990	5		2722-I	.03	.04					
990 - 995	5		2722-J	.03	.12					
995 - 1000	5		2722-K	.03	.08					
T.D. 1000'										

All values in ppm.

CORN & AHERN



PACIFIC COAST MINES, INC.
LOS ANGELES, CALIFORNIA

BVD CLAIM GROUP

T. 10 and 11 S., R. 46 E.
NYE COUNTY, NEVADA

1" = 1000'

R. 46 E. R. 47 E.

T. 10 S.

T. 11 S.

PCMI "BVD" CLAIMS

SPICER PATENTED CLAIMS

Oasis Mtn

Oasis Valley

Springdale

Borrow Pits

Pioneer Site

Mayflower Mine

Crystal Springs

POST-MINERAL	Qal	ALLUVIUM
	Tls	LATE TERTIARY SEDIMENTS
	Tlv	LATE TERTIARY VOLCANICS
?	Tmv	MIDDLE VOLCANIC SERIES
	Ta	ANDESITE
PRE-MINERAL ?	Ti	PORPHYRY INTRUSIVES

PRE-MINERAL	Tosc	OLDER TERTIARY STRATIFIED CONGLOMERATE
	Tov	OLDER TERTIARY VOLCANICS
	Pal	PALEOZOIC ROCKS
	ls	LIMESTONE
	qtz	QUARTZITE
	slt	SILTSTONE AND SHALE

GEOLOGIC SKETCH MAP OF THE BULLFROG HILLS BEATTY VOLCANIC PROJECT

NYE COUNTY, NEVADA

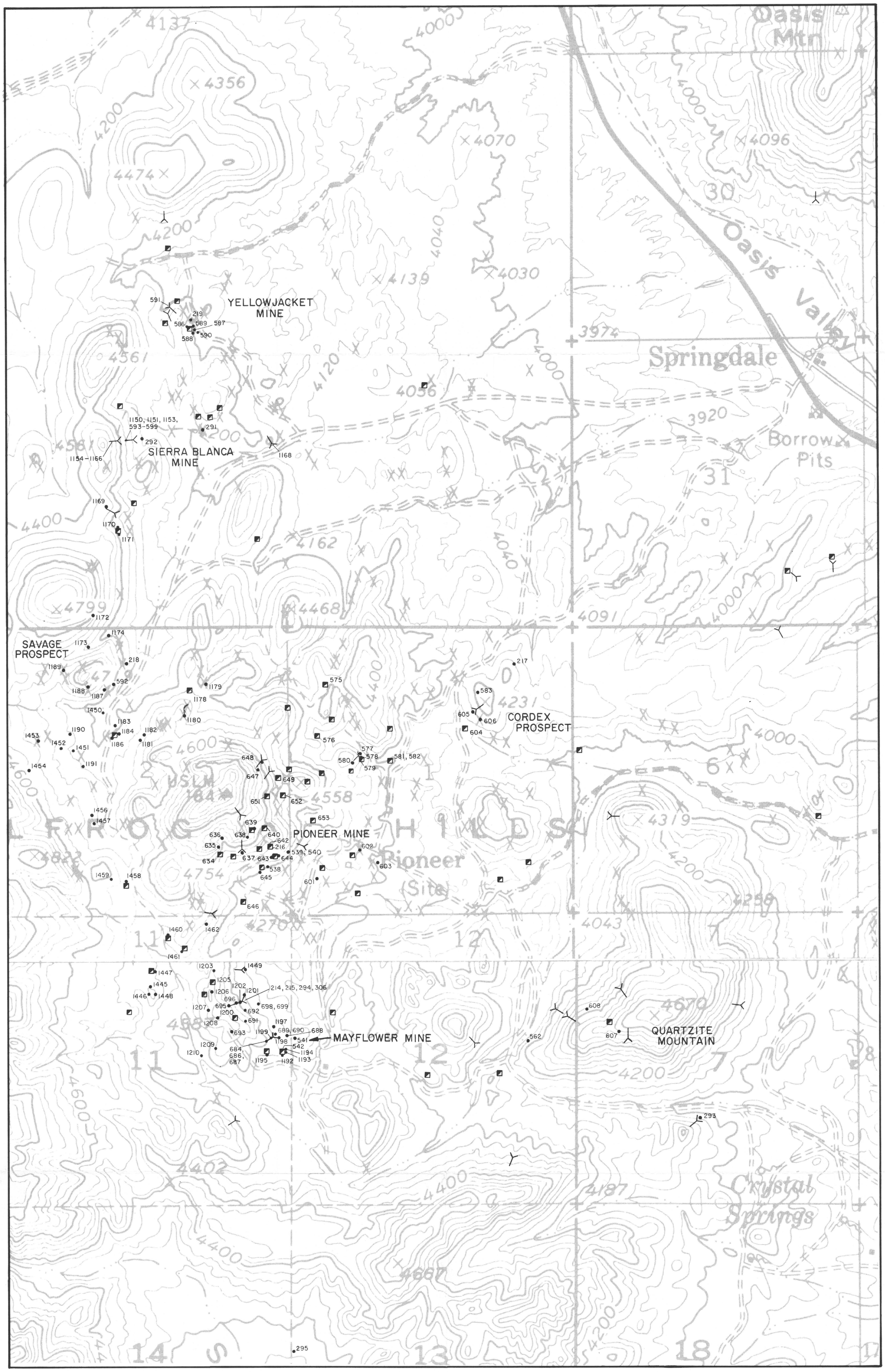
1" = 1000'

PREPARED FOR: PACIFIC COAST MINES, INC.	CORN & AHERN CONSULTING GEOLOGISTS TUCSON, ARIZONA
PREPARED BY: R. M. CORN	To accompany October, 1980 report: Recommended Bulk-Tonnage Disseminated Gold Prospect, Mayflower Area
DATE: OCTOBER, 1980	FIGURE 1

R. 46 E. R. 47 E.

T. 10 S.

T. 11 S.



BULLFROG HILLS
GRAB, DUMP, AND UNDERGROUND RECONNAISSANCE SAMPLE INDEX MAP
BEATTY VOLCANIC PROJECT

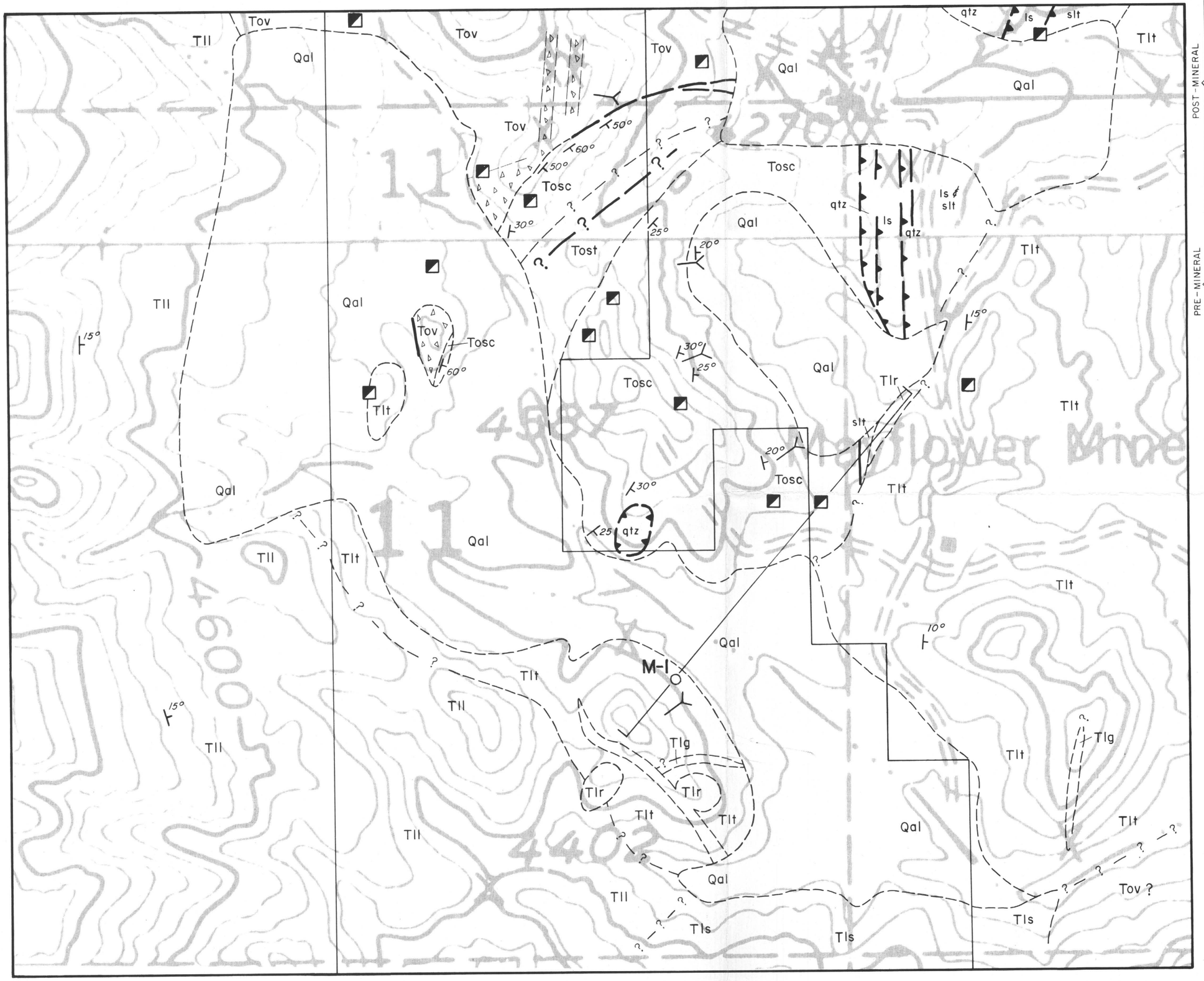
NYE COUNTY, NEVADA

1"= 1000'

PREPARED FOR: PACIFIC COAST MINES, INC.	*CORN & AHERN CONSULTING GEOLOGISTS TUCSON, ARIZONA*
PREPARED BY: R. AHERN	To accompany October 31, 1980 report Recommended Bulk-Tonnage Disseminated Gold Prospect, Mayflower Area
DATE: JULY and AUGUST, 1980	FIGURE 3

R. 46 E.

T. 11 S.



POST-MINERAL

- Qal — ALLUVIUM
- Tls — LATE TERTIARY SEDIMENTS
- Tlg — GLASS DIKE
- Tlt — TUFF
- Tlr — FLOW BANDED RHYOLITE AND VITROPHYRE
- Tll — LATITE

PRE-MINERAL

- Tosc — STRATIFIED CONGLOMERATE
- Tost — TUFFACEOUS PEBBLE CONGLOMERATE
- Tov — OLDER VOLCANICS UNDIVIDED, MOSTLY RHYOLITIC WELDED TUFF
- Pal — PALEOZOIC ROCKS
  - ls — LIMESTONE
  - qtz — QUARTZITE
  - slt — SILTSTONE AND SHALE

LATE VOLCANICS

OLDER VOLCANICS AND SEDIMENTS

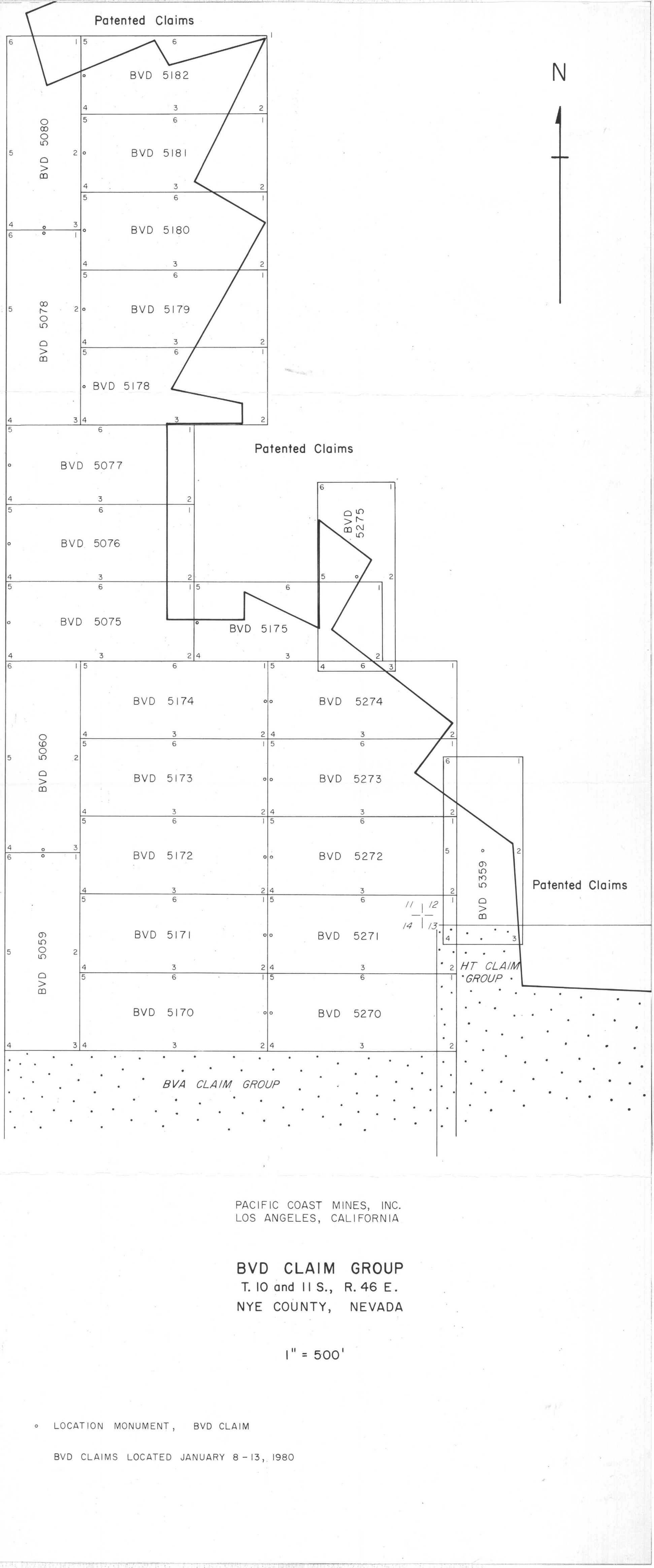
- FAULT
- LOW ANGLE FAULT
- BRECCIA

GEOLOGIC MAP OF THE MAYFLOWER MINE AREA BEATTY VOLCANIC PROJECT

NYE COUNTY, NEVADA

1" = 500'

PREPARED FOR: PACIFIC COAST MINES, INC.	*CORN & AHERN CONSULTING GEOLOGISTS TUCSON, ARIZONA*
PREPARED BY: R. M. CORN	
DATE: OCTOBER, 1980	FIGURE 1



PACIFIC COAST MINES, INC.
LOS ANGELES, CALIFORNIA

BVD CLAIM GROUP

T. 10 and 11 S., R. 46 E.
NYE COUNTY, NEVADA

1" = 500'

∘ LOCATION MONUMENT, BVD CLAIM

BVD CLAIMS LOCATED JANUARY 8 - 13, 1980