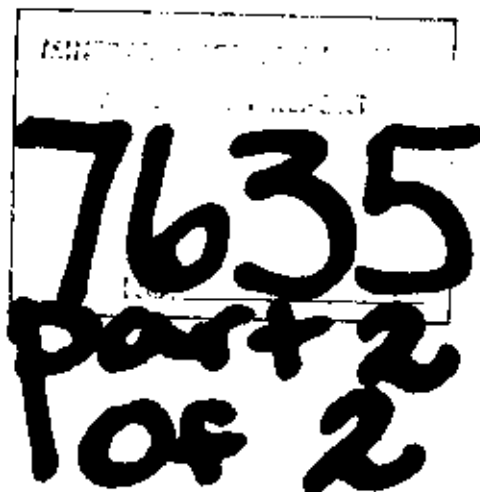


DIAMOND DRILLING PROGRAM

Easy 1 M.C.
Cariboo M.D.

NTS 93A/12E
Lat. $52^{\circ} 36' N.$
Long $121^{\circ} 32' W.$



Owner - R. Mickle
Operator - Mutual Resources Limited
#904 - 1199 West Hastings Street
Vancouver, British Columbia
V6E 3V4

Author - R. H. Beaton, P. Eng.
Date submitted - November 30, 1979

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I INTRODUCTION:

1. Location and Access

The Easy 1-6 claims are situated immediately to the north and east of Likely, B.C. in Cariboo M.D. (Fig 1). The area under investigation (Grid 1) described herein occupies approximately the southwest quarter of Easy 1 claim (Fig 2). Two main gravelled roads (to Keithly Creek and to Spanish Lake) cross the grid. These together with a number of bush roads provide ready access to the property.

2. History and Ownership

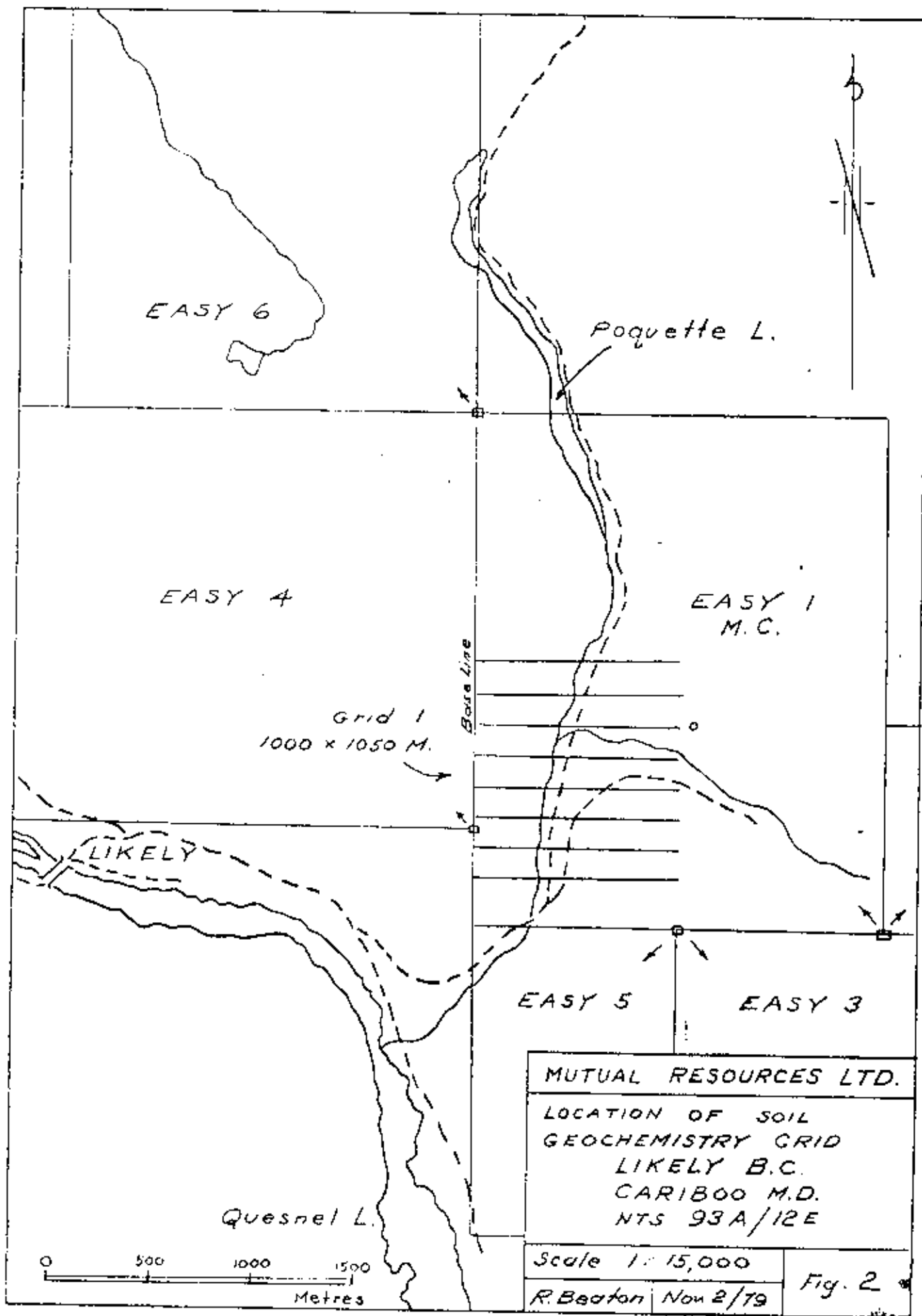
A small creek, which enters Poquette Creek from the east at a point about 1 Kilometre south of Poquette Lake, together with most of the creeks in the area, was worked for placer gold in past years. At the point where the creek emerges from a gully to enter the Poquette valley, early prospectors noted that a system of quartz stringers occurred in bedrock at, and just above creek level. Subsequently, these stringers were investigated by adit (and winze?) now concealed under talus; and later by blasting and cat trenching to open up the showings. Results of this early work are not known to the writer. Mention of quartz gold in Poquette Creek is made in the literature pertaining to activity early in the century.

In 1978 prospector R. Mickle, staked ground including the old quartz showings and prospected for additional occurrences in the general vicinity. By agreement dated December 29, 1978, Silver Standard Mines Ltd., optioned Mickle's holdings (Easy 1-3, 5, 6). An additional claim (Easy 4) was staked and recorded for Silver Standard in that same month.

During May 1979 soil geochemical work was done on Easy 6 and on Easy 1 (this report); and during October 1979 a 4-hole drilling program was conducted also on Easy 1. This work was performed by Mutual Resources Ltd., which subsequently had transferred to it the rights from Silver Standard.

3. Summary of Work Performed

During the period October 3-22, 1979, Diamond M Drilling of Kamloops, B.C. conducted a 4-hole core drilling program on Easy 1 M.C. involving a Boyles Model 25 surface unit with steel mast and hydraulic controls employing BQ wireline equipment as follows:



<u>Hole</u>	<u>Figure</u>	<u>Depth(Metres)</u>
79-1	4	91.5
2	5	86.0
3	6	29.0
4	7	76.8
		<u>283.3</u> (TOTAL)

4. Core Storage

Split core from the program was stored in Likely, B.C. at the residence of Mr. Steve Wasylenko about 100 Metres south of Likely Hotel.

II PURPOSE:

Drill holes were located to determine if the gold-quartz veining, mentioned under History and Ownership had economic development both laterally and along strike; and also to test the gold-arsenic geochemical anomalies apparently associated with the veining. See also Geochemical Soil Survey report prepared in conjunction with this report.

III & IV RESULTS & INTERPRETATION:

Drill holes and certificates of assay are appended for reference.

Holes 79-1 to 79-3 were collared in glacial drift and/or stream outwash; and cut complexly-interfingered pale grey to medium grey green tuffaceous beds and dark grey argillites shown on Map OF 574 Quesnel Lake (93-A), Geology, 1978, R. B. Campbell as "Triassic and Jurassic basaltic tuff and breccia, generally fine grained; argillite, flows, chert". (Unit Tr Ja)

Hole 79-4, also collared in glacial drift, entered a bleached altered phase of a mass of diorite or quartz diorite exposed along the west slope of Poquette Creek and on the relatively-flat terrain 500 metres to the south. Thin fingers of intrusive rock noted in hole 79-3 very probably stem from this same body.

Attitude of the volcano-sedimentary beds is steep, dipping easterly or northeasterly. Beds outcropping near the collars of Holes 79-1 and 79-2 and which are also exposed in Likely Gulch immediately south of the geochemical grid undulate and are interfingered both through deposition and tectonism such that continuity of individual horizons for any appreciable distance is not believed

favourable. Quartz veining as stringers show variable attitudes; but at the main showing they are near vertical with a westerly strike. All holes were oriented southeast to intersect both bedding and dominant trend of veining.

Scant to negligible quartz stringers were intersected in all 4 drill holes with occasionally very rare specks of galena and chalcopyrite. Pyrite as euhedral crystals with moderate dissemination proved pervasive in all holes. Arsenopyrite, as needle crystals, was noted in several places in hole 79-4 apparently being hydrothermally introduced subsequent to alteration of the intrusive rock.

In all holes the rock proved to be intensely fractured, with frequent gouge intervals, and varying from hard to very soft due probably to variable alteration and silicification. Proximity to intrusive contact and to a probable fault system aligned with Poquette Gulch is believed causative to the fracturing and alteration visible on outcrop and in core. Drilling progress because of ground conditions proved slow with very frequent blocking. Holes 79-2, 3, and 4 as a result were terminated prior to reaching planned depths of 91.5 metres.

The highly-disappointing assay results are attributed to the paucity of quartz veining in drill holes. The arsenic, gold, and copper anomalies may be more strongly associated with hydrothermal alteration than with the quartz veining; although both may have genetic relationship over a time period.

V CONCLUSIONS:

1. The Quartz veining as exposed at the main showing was not picked up in any of the four holes drilled although occasional minor narrow stringers were present. It is concluded that if an economic system of veins or stockwork exists then such is not strongly developed northwest, west, or southwest of the main showing.
2. The highly broken goudgy condition of the rock in all drill holes points to possibility that any extension of the original showing may have been offset by faulting or in part disintegrated by shearing.
3. Development of quartz veining along strike may have been enhanced where fractures cut a favoured host (silicic or brittle horizon?) particularly where fracturing, as noted here, is perpendicular to bedding.
4. The attractive gold-arsenic geochemical anomalies especially that near hole 79-4 may have no direct relationship to the quartz veining. The veining may have been emplaced during the cooling phase of the intrusive cycle; the anomalous soils may have resulted from later hydrothermal or ground water movement perhaps facilitated by fault activity.

5. Failing encouragement from the initial four-hole program, it was concluded by Mutual Resources Ltd., that further drilling was not warranted.

L. M. Proctor

DIAMOND DRILL LOG

COLLAR:—

LAT. 17 Metres S) 32 M. S of SE corner
 DEP. 4+00 E) of A.Potters new house
 ELEVATION 1041 M. (altimeter, local datum)
 AZIMUTH 220
 DIP 60

DIP TEST		
FOOTAGE	ANGLE	
	READING	CORRECTED

PROPERTY Easy 1 M.C.
 HOLE NO. 79-1
 COMMENCED Oct. 4, 1979
 FINISHED Oct. 11, 1979
 PURPOSE OF HOLE Au in quartz veinlets
 LOGGED BY: R. Beaton

METERS	DESCRIPTION	CORE SAMPLES						oz/ton			
		SAMPLE NO.	FROM	TO	WIDTH metres	ASSAY Au	WIDTH X ASSAY Ag	SAMPLE NO.	FROM	TO	ASSAY
0-18.6	Overburden, bouldery towards base.										
18.6-20.1	Brown earthy ferruginous material including angular fragments of felsic volcanics.	20654	18.6	20.1	1.5	0.006	0.02				
		20670	20.1	21.3	1.2	.002	0.02				
20.1-58	Essentially argillite at top to grey tuff or lapilli tuff toward base. Intensely fractured, with frequent soft goudgy intervals, talcy or chlorite partings, variable from very soft to hard (silicified?). Top 2 metres rusty. Transition of bedding is interfingering rather than smoothly gradational. Recovery about 70% Detail as follows:	71	21.3	24.4	3.1	.002	0.02				
		72	24.4	27.4	3.0	.002	0.03				
		73	27.4	30.5	3.1	.002	0.02				
		74	30.5	33.5	3.0	.002	.02				
		75	33.5	36.6	3.1	.002	0.02				
		76	36.6	39.6	3.0	.002	0.02				
		77	39.6	42.7	3.1	.002	.02				
		78	42.7	45.7	3.0	.002	.02				
	20.4 M - calc silicate vein 0.9cm 45°/core axis	79	45.7	48.8	3.1	.002	0.02				
	20.55 M - " " " 0.6cm 60°/ " "	80	48.8	51.8	3.0	.002	0.02				
20.55-27.4	Largely argillite, occasionally small white & black (cherty) inclusions. Finely & erratically veined with calc silicate (carbonate dominant) material from hair thin to 0.3cm. Slickensided fractures & clayey partings common. Core badly	81	51.8	54.9	3.1						
		82	54.9	57.9	3.0	.002	0.02				
		83	57.9	61.0	3.1	.002	0.02				
		84	61.0	64.0	3.0	.002	.02				
		85	64.0	67.1	3.1	.002	0.03				
		86	67.1	70.1	3.0	.002	0.03				
		20687	70.1	73.2	3.1	.002	0.04				

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT

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of 2

DIAMOND DRILL LOG

COLLAR:—

LAT. _____
 DEP. _____
 ELEVATION _____
 AZIMUTH _____

DIP TEST		
FOOTAGE	ANGLE	
	READING	CORRECTED

PROPERTY _____
 HOLE NO. 79-1 p.2
 COMMENCED _____
 FINISHED _____
 PURPOSE OF HOLE _____
 LOGGED BY: _____

N.M.P.

FOOTAGE	DESCRIPTION	CORE SAMPLES						SAMPLE NO.	FROM	TO	ASSAY
		SAMPLE NO.	FROM	TO	WIDTH	ASSAY AU	WIDTH X ASSAY AG				
	broken & weakly cohesive due to high fracture density. Possibly a dyke (dark grey, black phenocrysts) 26.2 - 26.8	20688	73.2	76.2	3.0	0.002	0.03				
	27.4-30.5 Lighter color than preceding (paler grey with greenish cast). Possibly due to bleaching but vague fragmentals suggestive of tuff in places. Fine calc-silicate veining persists. Qtz veining negligible.	89	76.2	78.3	3.1	0.002	0.02				
		90	79.2	82.3	3.0	0.002	0.02				
		91	82.3	85.4	3.1	0.002	0.04				
		92	85.4	88.4	3.0	.002	0.04				
		20693	88.4	91.5	3.1	.002	0.04				
30.5-45.1	Interfingered argillite and tuff, more tuffaceous at base. Very poor cohesion highly fractured, low recovery. Appreciable fine dissem. pyrite crystals esp. 36.9-37.5 where slickensiding & gouge heavy then scattered to 43 (up to 0.3cm). Dark grey & brittle 36.6-39.6 with low recovery.										
45.1-58	Largely pale to medium grey tuff, recovery improving; but still low competency & high fracture density Qtz. and										

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DIAMOND DRILL LOG

COLLAR:—

LAT. _____
 DEP. _____
 ELEVATION _____
 AZIMUTH _____

DIP TEST		
FOOTAGE	ANGLE	
	READING	CORRECTED

PROPERTY
 HOLE NO. 79-1 p.3
 COMMENCED
 FINISHED
 PURPOSE OF HOLE
 LOGGED BY:

N.M.P.

FOOTAGE	DESCRIPTION	CORE SAMPLES																		
		SAMPLE NO.	FROM	TO	WIDTH	ASSAY	WIDTH X ASSAY	SAMPLE NO.	FROM	TO	ASSAY									
	or calc-silicate veining noted:																			
	45.1-46 0.3cm parallel to core																			
	46.9 0.6cm 45°/core axis																			
	49.2 0.9cm 20°/core axis																			
	In places crowded small white rounded inclusions - possibly ash rains. Pyrite as scattered crystals upto 0.3cm persistent but decreasing. Slickensiding and fracturing continues.																			
58-91.5	Essentially a light-grey weakly pyritized tuff varying in consistency from hard and brittle to soft and in places goudgy small pellets & fragments in places. Invariably highly fractured. Details as follows: Little or no quartz veining except as noted.																			
	58.2 M Fine bedding or banding for 8cm @ 70°/core axis																			
	56.4, 57.3, 58.5, 59.1, 66.8 Goudgy, considerable pyrite																			
	67.1-68.7 Small white crowded inclusions																			

MINERAL RESOURCES BRANCH
 ASSESSMENT REPORT

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DIAMOND DRILL LOG

COLLAR:—

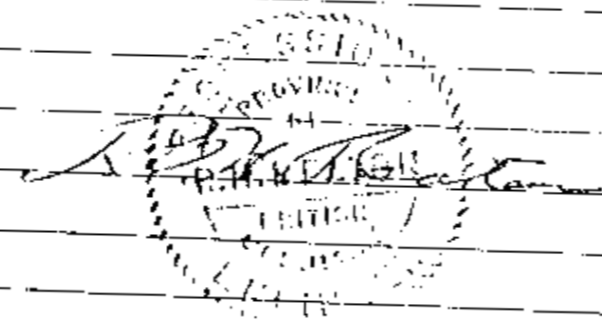
LAT. _____
 DEP. _____
 ELEVATION _____
 AZIMUTH _____

DIP TEST		
FOOTAGE	ANGLE	
	READING	CORRECTED

PROPERTY _____
 HOLE NO. 79-1 p. 4
 COMMENCED _____
 FINISHED _____
 PURPOSE OF HOLE _____
 LOGGED BY: _____

N.M.P.

FOOTAGE	DESCRIPTION	CORE SAMPLES																		
		SAMPLE NO.	FROM	TO	WIDTH	ASSAY	WIDTH X ASSAY	SAMPLE NO.	FROM	TO	ASSAY									
70	Quartz stringer 0.3cm Axial () core & erratic																			
70-7-70.9 "	" " 0.9cm " " " & erratic																			
71.3 "	" " 0.3cm " " " " "																			
76.8 "	" " " 0.9cm 40°/core axis																			
79.9-82.0	Much gouge																			
84	1.2-2.5cm quartz veinlet 15°/core axis carrying scattered py crystals to 0.9cm & scant small blebs of chalcopryrite																			
	91.5 M End of hole.																			


 APPROVED
 P.H. K. [signature]
 1964

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DIAMOND DRILL LOG

COLLAR:—

LAT. 85 N
 DEP. 700 E
 ELEVATION 1040 M altimeter
 AZIMUTH S 45 E, -70
 (60 meters 20° Az from NW corner of A.
 Potters new house on old bush road).

N.M.P.

DIP TEST		
FOOTAGE	ANGLE	
	READING	CORRECTED

PROPERTY Easy 1 M.C.
 HOLE NO. 79-2 p.1
 COMMENCED Oct. 12/79
 FINISHED Oct. 17/79
 PURPOSE OF HOLE Test for gold-quartz minerali-
 zation
 LOGGED BY: R. Beaton

Meters	FOOTAGE	DESCRIPTION	CORE SAMPLES														
			SAMPLE NO.	FROM	TO	WIDTH m/ctres	ASSAY Au	WIDTH X ASSAY Ag	SAMPLE NO.	FROM	TO	ASSAY					
0-14.1	Rubbly talus & drift	Note: Core throughout hole intensely fractured.															
14.1-20.4	Andesite, drab med-greenish-grey, massive, aphanitic, fine banding or bedding from 19.5 to 19.8 @ 15° to core axis suggestive of flow or tuff		20694	20.4	21.6	1.2	<.002	0.05									
20.4-21.6	Tuff, pale grey, aphanitic, some fine banding in places @ 10°-15°/core axis. Occasional hair thin quartz or calc-silicate veinlet, a little scattered disseminated pyrite, some green chloritic partings.		20695	24.7	27.7	3.0	<.002	0.02									
			20696	31.4	35.9	4.5	<.002	0.02									
			20697	40.2	42.1	1.9	<.002	.02									
		Pyrite in fractures at 16 NB Hole caving around 60M requiring casing.	20698	42.1	45.1	3.0	<.002	0.02									
21.6-31.4	Andesitic massive tuff, some slickensided chloritic partings, scattered disseminated pyrite crystals to 0.9cm; rare fine (to 0.1cm) quartz or calc-silicate stringers (2 @ 25.3 parallel and at 45°/core axis). No core recovered 22-24.7. Rusty at 24.7 - probably water-bearing fault or fracture zone.		20699	53.3	55.0	1.7	<.002	0.05									
			21351	61.0	64.0	3.0	<.002	0.03									
			21352	70.1	73.2	2.1	<.002	0.06									
31.4-35.9	Very dk grey silicified argillite (or basalt). Noticeable increase in dissem. pyrite crystals.		21353	76.2	79.3	3.1	<.002	0.04									

MINERAL RESOURCE WATCH
ASSESSMENT REPORT

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DIAMOND DRILL LOG

COLLAR:—

LAT. _____
 DEP. _____
 ELEVATION _____
 AZIMUTH _____

DIP TEST		
FOOTAGE	ANGLE	
	READING	CORRECTED

PROPERTY _____
 HOLE NO. 79-2 p. 2
 COMMENCED _____
 FINISHED _____
 PURPOSE OF HOLE _____
 LOGGED BY: _____

N.M.P. _____

FOOTAGE	DESCRIPTION	CORE SAMPLES									
		SAMPLE NO.	FROM	TO	WIDTH meters	ASSAY Au	WIDTH X ASSAY Ag	SAMPLE NO.	FROM	TO	ASSAY
	Rare hair veinlet, brittle (caving, required casing off)	21354	82.3	85.4	3.1	0.002	0.04				
35.9-40.2	Andesite, drab greenish grey possibly a tuff										
40.2-42.1	soft, poorly cohesive, breccia-gouge 36.6-38.1, Gradational from med-greenish-grey to pale greenish grey probable tuff.										
42.1-46.3	Tuff, pale grey, continuing highly fractured a little slickensiding, usual dissem. pyrite, no quartz veining.										
	@ 44.8 5cm diorite appearance) ^{attitude sub parallel to} core axis, weakly gneissic,										
	@ 44.9 - 45.1 15 cm diorite appearance) ^{sprinkled with} pyrite										
46.3-47.5	Tuff, pale-med greenish grey										
47.5-48.8	Tuff, pale-grey										
48.8-51.2	Tuff, pale-med greenish grey										
51.2-52.8	Tuff, pale grey										
52.8-53.0	Granitic appearance - probably hybrid										
53.0-53.3	Tuff, pale-grey										
53.3-54.1	Diorite as previously, weakly gneissic and sub parallel to core axis, dissem. pyrite crystals, four quartz veins 30° - 45° / core axis + 0.3cm thick. A 1.8cm felsic										

MINERAL TECHNOLOGIES BRANCH
 ASSAY REPORT

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DIAMOND DRILL LOG

COLLAR:—

LAT. _____
 DEP. _____
 ELEVATION _____
 AZIMUTH _____

DIP TEST		
FOOTAGE	ANGLE	
	READING	CORRECTED

PROPERTY _____
 HOLE NO. 79-2 p.3
 COMMENCED _____
 FINISHED _____
 PURPOSE OF HOLE _____
 LOGGED BY _____

N.M.P. _____

FOOTAGE	DESCRIPTION	CORE SAMPLES									
		SAMPLE NO.	FROM	TO	WIDTH	ASSAY	WIDTH X ASSAY	SAMPLE NO.	FROM	TO	ASSAY
	rounded inclusion noted.										
54.1-54.3	Tuff, pale grey										
54.3-55.0	Diorite, hybrid appearance, much paler than 53.3-54.1 occasional fine fleck of nickel? silicate										
55.0-61.6	Tuff, pale grey, massive (small white crowded inclusions indicative of tuff). Continuing highly fractured.										
61.6-61.9	Unusual rock-crystal tuff or felsic porphyry, dark grey massive with pale cream feldspar phenocrysts to 0.4 cm may fully or partly a pale apple green, 2.5-5.0 cm breccia gouge at upper contact, trace chalcopyrite, possibly a dyke.										
61.9-62.0	Tuff, pale grey										
62.0-62.2	Banded tuff, light and dark grey, 20°/core axis, quartz veining - two @ 0.4cm, one at 1.3cm erratic										
62.2-62.5	Diorite, gradational contact at base over 7-10 cm, no attitude determined										
62.5-68.6	Tuff, pale grey and pale greenish grey, occasional minor calc-silicate veinlet esp. 64.6-65.3 where vary from 45° to parallel to core axis, little scattered pyrite.										

MINERAL RESOURCES BRANCH
 ASSESSMENT REPORT

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DIAMOND DRILL LOG

COLLAR:--

LAT. _____
 DEP. _____
 ELEVATION _____
 AZIMUTH _____

DIP TEST		
FOOTAGE	ANGLE	
	READING	CORRECTED

PROPERTY _____
 HOLE NO. 79-2 p.4
 COMMENCED _____
 FINISHED _____
 PURPOSE OF HOLE _____
 LOGGED BY: _____

N.M.P. _____

FOOTAGE	DESCRIPTION	CORE SAMPLES																	
		SAMPLE NO.	FROM	TO	WIDTH	ASSAY	WIDTH X ASSAY	SAMPLE NO.	FROM	TO	ASSAY								
68.6-68.7	Diorite, dark grey, gradational contacts steep at 20° core axis with noticeable increase in pyrite.																		
68.7-72.7	Tuff, pale grey, crowded small white particles (ash?) @ 68.7-68.9, 71.6-72.7.																		
72.7-76.8	Tuff, med. grey-green, usual dissem. pyrite and well fractured, no chlorite or talc-like partings, scant gouge																		
76.8-77.7	Hole here has just touched dark grey diorite running parallel to core axis, a little breccia and quartz at 76.9. Largely, however, as preceding.																		
78.2-80.5	Diorite texture, dark grey at top to light grey at base (hybrid). Barren-looking quartz veinlets 78.2-78.35 erratic to 2.5cm.																		
80.5-80.9	Tuff, pale grey, aphanitic																		
80.9-81.4	Diorite, dark grey, a little barren quartz veining.																		

MINERAL RESOURCES BRANCH
 ASSESSMENT REPORT

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Part 2
OF 2

DIAMOND DRILL LOG

CO-LOC.—

LAT. 160 M S. Grid I
 DEP. 558 M E
 ELEVATION 1020 M
 AZIMUTH 135° @ -45°
 (approx. 25 metres west of centre
 line of Keithly Road).

N.M.P.

DIP TEST		
FOOTAGE	ANGLE	
	READING	CORRECTED

PROPERTY: Easy 1 M.C.
 HOLE NO. 79-3
 COMMENCED Oct. 17/79
 FINISHED Oct. 19/79
 PURPOSE OF HOLE: Test for gold-quartz minerali-
 zation
 LOGGED BY: R. Beaton

Metres	DESCRIPTION	CORE SAMPLES									
		Metres		Metres		Metres		Metres		Metres	
		AMPLE NO	FROM	TO	WIDTH	ASSAY Au	WIDTH X ASSAY Ag	SAMPLE NO.	FROM	TO	ASSAY
0-15.2	Overburden, very rusty, no boulders										
15.2-17.1	Med. greenish grey tuff with lighter and darker grey fine banding at 34°/core axis. Some fine calc-silicate veining.	21355	15.5	18.3	2.8	0.002	0.02				
17.1-18.3	Dark grey and med. grey-green finely banded (almost varved in places, flow banded in others) possibly coxes or fine muds when laid down. Rusty fractures. Low recovery. Casing required.	21356	25.8	29.0	3.2	0.002	0.02				
18.3-25.8	No recovery, very soft, casing set to base.										
25.8-29.0	Continuing banded (flow?) with some plastic deformation. (33°-34°/core axis). Banding is pale greenish grey and dark grey. Calc-silicate veining at 26.2-0.9cm, at 27.7-0.9cm, at 28.0-0.6cm, at 28.35-0.4cm. variable attitudes 20°-60° to core axis. Pyrite appreciable as dissemination & small clots. Larger veining cut by very fine later-stage veining E/H										
29 Metres.											

MINERAL RESOURCES DIV. NO. 1
 ASSESSMENT REPORT
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 of 2

R. Beaton

DIAMOND DRILL LOG

7635

COLLAR:—

LAT. 157 S Grid I
 DEP. 333 E
 ELEVATION 1140 M.
 AZIMUTH 135° @ -60°
 (6 metres west of brow of slope on flat)

DIP TEST		
FOOTAGE	ANGLE	
	READING	CORRECTED

PROPERTY Easy M.C.
 HOLE NO. 79-4 p.1
 COMMENCED Oct. 20/79
 FINISHED Oct. 21/79
 PURPOSE OF HOLE Test gold-arsenic geochem anom-
 LOGGED BY: R. Beaton a/y

N.M.F.

Metre	DESCRIPTION	CORE SAMPLES									
		SAMPLE NO.	FROM	TO	WIDTH	Metres Oz/ton		SAMPLE NO.	FROM	TO	ASSAY
					ASSAY Au	WIDTH X ASSAY Ag					
0-7.6	Clay and/or till No recovery										
7.6-12.5	Decomposed to brick? No recovery	21364	12.5	14.3	1.8						
12.5-36.05	Originally pale greenish-grey aphanitic rock	65	14.3	20.4	6.1	0.002	0.08	170	430		
	most of which is decomposed to dark	66	20.4	23.5	3.1						
	brown material of earthy texture presumably	67	23.5	28.05	4.55	0.002	0.08	600	310		
	due to appreciable disseminated pyrite. Only	68	28.05	32.0	3.95						
	about 2 metres is relatively unaltered and that toward	69	32.0	35.0	3.0	<0.002	0.03		125		
	the base. Cloudy brecciation or xenoliths at	70	35.0	38.1	3.1						
	29.3-29.9.	71	38.1	41.2	3.1	0.002	0.02		155		
36.05-76.8	Pale faintly greenish grey felsic rock possibly a	72	41.2	44.2	3.0						
	contact phase of an intrusive quartz diorite or	73	44.2	47.9	3.7	<0.002	0.04		420		
	possibly an altered and leached (no mafics)	74	47.9	50.3	2.4						
	phase of gneiss. Invariably massive except for	75	50.3	53.3	3.0	<0.002	<0.02	600	74		
	occasional dark grey streaks and very occasional	76	53.3	56.4	3.1						
	fine calc-silicate or quartz veining. Clayey	77	56.4	59.4	3.0	0.002	0.03		68		
	partings and short gouge intervals common.	78	59.4	62.5	3.1						
	Low to moderate fine dissem. pyrite usually	79	62.5	65.5	3.0	0.002	0.02		48		
	as scattered small cubes throughout. Color changes	80	65.5	68.6	3.1						
	to pale greenish grey toward base of hole.	81	68.6	71.6	3.0	<0.002	<0.02	45	45		
	Details follow—	21382	71.6	76.8	5.2						

To: Silver Standard Mines

REPORT NO. A29 - 1428

PAGE No. 1
 904 - 1199 West Hastings Street
 Vancouver, B.C.
 V6E 2K5

BONDAR-CLEGG & COMPANY LTD.

DATE: November 9, 1979
 Samples submitted: October 29, 1979
 Results completed: November 9, 1979

CERTIFICATE OF ASSAY

I hereby certify that the following are the results of assays made by us upon the herein described core samples.

MARKED	GOLD		SILVER		Percent	Percent	Percent	Percent	Percent	Percent
	Ounces per Ton	Grams per Metric Ton	Ounces per Ton	Grams per Metric Ton						
21365	0.002		0.08							
21367	0.002		0.08							
21369	<0.002		0.03							
21371	0.002		0.02							
21373	<0.002		0.04							
21375	<0.002		<0.02							
21377	0.002		0.03							
21379	0.002		0.02							
21381	<0.002		<0.02							

NOTE:
 Rejects retained three weeks
 Pulps retained three months
 unless otherwise arranged.


 Registered Assayer, Province of British Columbia

To: Silver Standard Mines

REPORT NO. A29 - 1373

PAGE No. 1

BONDAR-CLEGG & COMPANY LTD.

DATE: November 7, 1979

904 - 1199 West Hastings Street
Vancouver, B.C. V6E 3V4

CERTIFICATE OF ASSAY

Samples submitted: October 22, 1979
Results completed: November 7, 1979

I hereby certify that the following are the results of assays made by us upon the herein described... core... samples.

MARKED	GOLD		SILVER		Percent	Percent	Percent	Percent	Percent	Percent
	Ounces per Ton	Grams per Metric Ton	Ounces per Ton	Grams per Metric Ton						
21351	<0.002		0.03							
21352	<0.002		0.06							
21353	<0.002		0.04							
21354	<0.002		0.04							
21355	<0.002		0.02							
21356	0.002		0.02							

NOTE:
Rejects retained three weeks
Pulps retained three months
unless otherwise arranged.


Registered Assayer, Province of British Columbia



BONDAR-CLEGG & COMPANY LTD.

1500 PEMBERTON AVE., NORTH VANCOUVER, B.C. PHONE: 985-0681 TELEX: 04-54554

Certificate of Analysis

10 Silver Standard Mines
904 - 1199 West Hastings Street
Vancouver, B.C. V6E 3V4

A29 - 1353

November 7, 1979

I hereby certify that the following are the results of assays made by us upon the herein described ore & grab samples

MARKED	PERCENT		MARKED	PERCENT		MARKED	PERCENT	
	oz/Ton	oz/Ton		oz/Ton	oz/Ton		PERCENT	PERCENT
	Au	Ag		Au	Ag			
20654	0.006	0.02	20689	<0.002	0.02			
20670	<0.002	0.02	20690	<0.002	0.02			
20671	<0.002	0.02	20691	<0.002	0.04			
20672	<0.002	0.03	20692	<0.002	0.04			
20673	<0.002	<0.02	20693	<0.002	0.04			
20674	<0.002	<0.02	20694	<0.002	0.05			
20675	<0.002	0.02	20695	<0.002	0.02			
20676	<0.002	0.02	20696	<0.002	0.02			
20677	<0.002	<0.02	20697	<0.002	<0.02			
20678	<0.002	<0.02	20698	<0.002	<0.02			
20679	<0.002	0.02	20699	<0.002	0.05			
20680	<0.002	0.02	F - 1	0.003	0.02			
20682	<0.002	0.02	2	<0.002	0.03			
20683	<0.002	0.02	3	<0.002	<0.02			
20684	<0.002	<0.02	4	<0.002	<0.02			
20685	<0.002	0.03	5	<0.002	0.02			
20686	<0.002	0.03	6	<0.002	0.02			
20687	<0.002	0.04						
20688	<0.002	0.03						

NOTE:

Rejects retained two weeks
Pulps retained three months

BONDAR-CLEGG & COMPANY LTD.
REGISTERED ASSAYER, PROVINCE OF BRITISH COLUMBIA

Diamond Drilling Exploration

SURFACE AND UNDERGROUND
WIRE LINE DRILLING

***R. 2, KELSO CRESCENT - KAMLOOPS, B.C.
PHONE: 573-3898

October 23, 1979

Mutual Resources Ltd.,
904 - 1199 West Hastings St.,
Vancouver, B.C.
V6Z 3V4

Drilling Account to October 23, 1979

Hole #1

300 ft @ \$18.00 per foot	\$5,400.00	
31 bags quick gel @ \$7.43	230.33	
2 pails Hs Polymer (quick mud) @ \$245.96 per pail.	491.92	
1 casing shoe @ \$232.23	232.23	
2 Tri cones @ \$141.76	283.52	
7 Hrs. reaming time @ \$60.00 per hour	<u>420.00</u>	\$ 7,058.00

Hole #2

282 ft @ \$18.00 per foot	\$5,076.00	
21 bags quick gel @ \$7.43	156.03	
1 case quick trol @ \$90.95	90.95	
2 pails HS polymer (quick mud) @ \$245.96 per pail	491.92	
8 Hrs. reaming time @ \$60.00 per hour	480.00	
4 Hrs. moving time @ \$60.00 per hour	<u>240.00</u>	\$ 6,534.90

Hole #3

95 ft @ \$18.00 per foot	\$1,710.00	
11 bags quick gel @ \$7.43	81.73	
1 Tri cone @ \$141.76	141.76	
5 Hrs. reaming time @ \$60.00 per hour	300.00	
4 Hrs. moving time @ \$60.00 per hour	<u>240.00</u>	\$ 2,473.49

Hole #4

252 ft @ \$18.00 per foot	\$4,536.00	
6 bags quick gel @ \$7.43	44.58	
1 pail HS polymer (quick mud) @ \$245.96	245.96	
11 Hrs. moving time @ \$60.00 per hour	<u>660.00</u>	\$ 5,486.54

\$21,552.93

ITEMIZED COST STATEMENT

Period October 3 - October 24, 1979

Diamond M. Drilling October 4 - 23

Driller Mal Shaw, Helper T. Stoney

Invoice (appended)	\$21,552.93
Geologist, R. Beaton, 22 days	1,650.00
Meals @ \$12.03/day	264.66
Accommodation @ \$150.00/month	150.00
4x4 Rental, Bliss Leasing, 22 days @ \$608.40/mo.	431.77
Gas, Oil	171.02
Freight and misc.	50.00
Report Preparation, 10 days	<u>800.00</u>
	\$25,070.38

AUTHORS QUALIFICATIONS

I, R. H. Beaton, of the City of Vancouver in the Province of British Columbia certify that I am a Professional Engineer registered in the province of British Columbia, that I graduated from the University of British Columbia with a B.A.Sc in Geological Engineering in 1952, that I personally supervised and participated in the geochemical investigation on Easy 1 Mineral Claim, and that I was employed by and worked under direction of the officers of Mutual Resources Limited while so engaged.

Vancouver, British Columbia
November 30, 1979



Collar elevation (altimeter) 1041 M
 (datum - bridge deck, 100 metres W. of hole collar, 1029 M)
 Hole azimuth - 135°

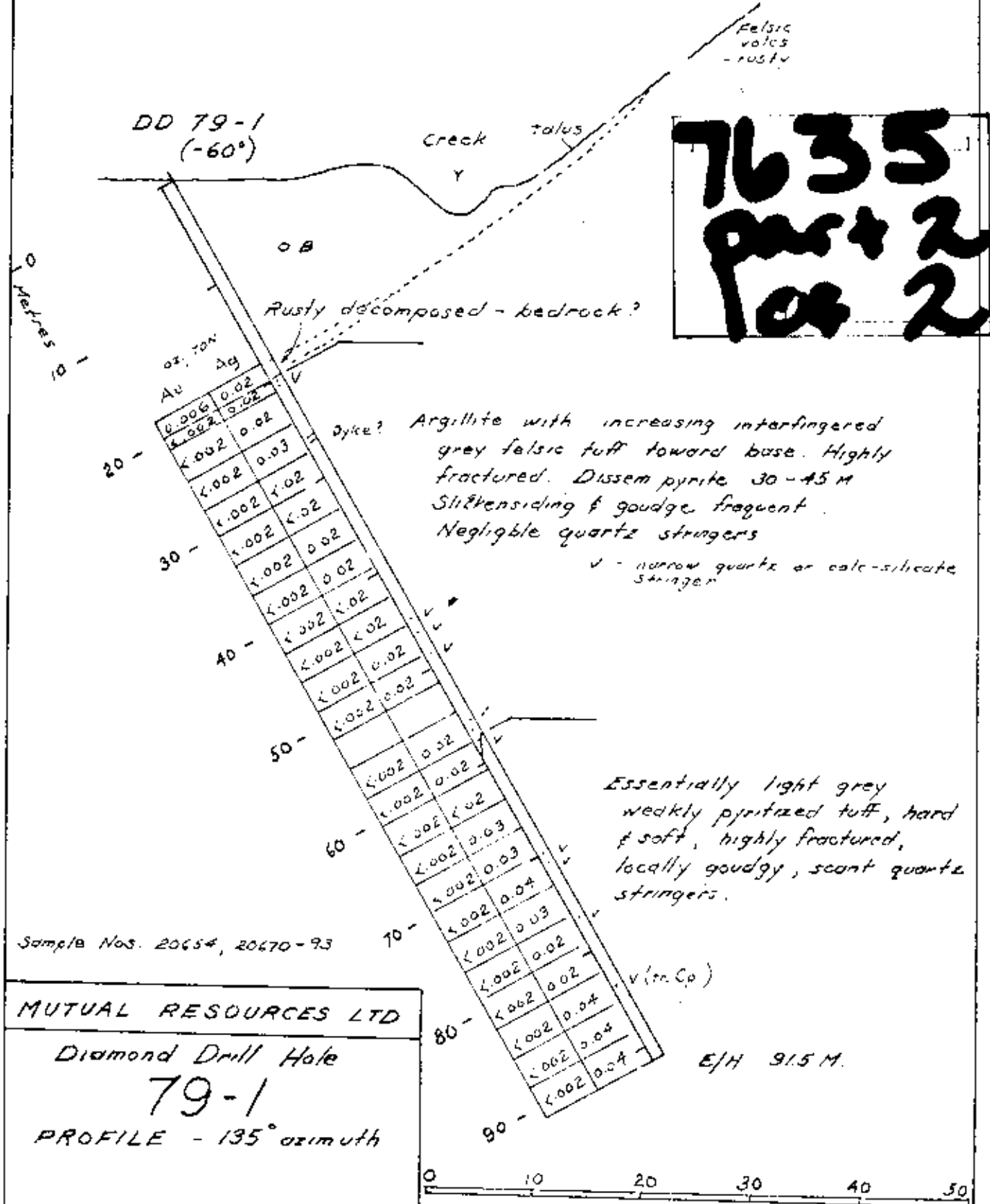
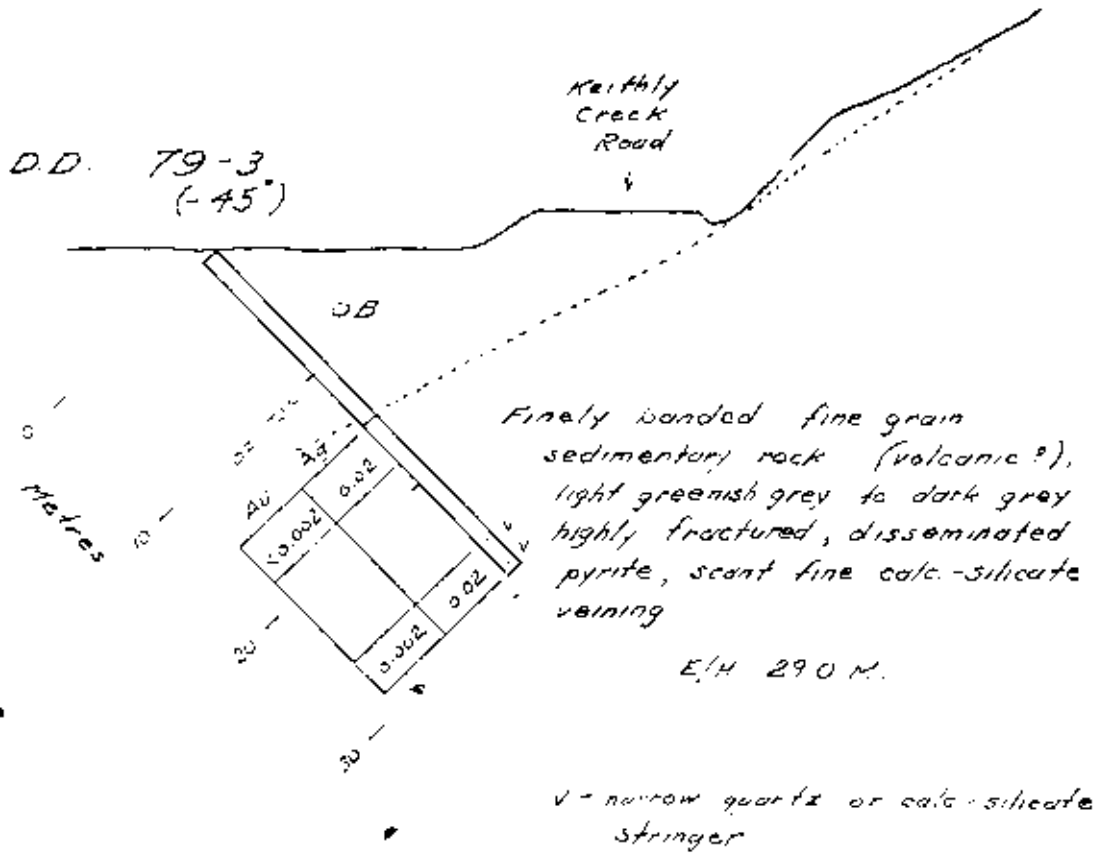


Fig. 4

Collar elevation (altimeter) 1020 M
 (datum - bridge deck, 120 metres N. of hole collar, 1029 M)
 Hole azimuth - 135°



Sample Nos 21355, 56

MUTUAL RESOURCES LTD
 Diamond Drill Hole
79-3
 PROFILE - 135° azimuth
 Scale 1:500 Nov 1979

MUTUAL RESOURCES LTD
 7635
 NO. **part 2**
1 of 2

R.H.B.

Fig. 6

GEOLOG

DRILL HOLE GEOLOGIC LOG

HOLE NUMBER WH/1

COMPANY LONG LAC MINERAL EXPLORATION PROPERTY: WH

LOGGED BY R. Pegg DATE June 28, 1979

PAGE 1 OF 1

0.0 - 28.9 metres

Casing

Elevation: 1376 metres

0.0 - 24.4 metres

dark soil with quartz, feldspar and basalt chips

24.4 - 30.5 "

coarse gravel

END OF HOLE -30.5 metres (casing is increasingly sticking)

R. Pegg

7634

GEOLOG

DRILL HOLE GEOLOGIC LOG

COMPANY LONG LAC MINERAL EXPLORATION

PROPERTY: WH

LOGGED BY: R. Pegg

DATE June 28, 1979

FILE NUMBER WH/2

PAGE 1 OF 1

0.0 - 9.1 metres ; overburden (casing)

Elevation: 1376 metres

(6.1 - 9.1 ") soft ; overburden ; black gravel

9.1 - 12.2 " hard ; outcrop ; black basalt with a few red, vesicular basalt and tan porcelain-like chips

12.2 - 33.5 " " ; " ; " " " about 20-30% tan porcelain-like chips

33.5 - 39.6 " soft ; " ; " " " " " " and a few pink fragments

39.6 - 42.7 " " ; " ; red basalt chips with soft bluish green infilling with same chips as above

42.7 - 45.7 " hard then soft ; outcrop ; black basalt with about 20-30% tan porcelain-like chips

45.7 - 79.2 " hard ; outcrop ; mostly black basalt with minor red basalt and tan and green porcelain-like chips

79.2 - 91.4 " " ; " ; very small basalt chips ; brownish colour ; a little softer between 79.2-80.7 metres

END OF HOLE - started to lose water at 88.4 metres, rods sticking

R. Pegg

7634