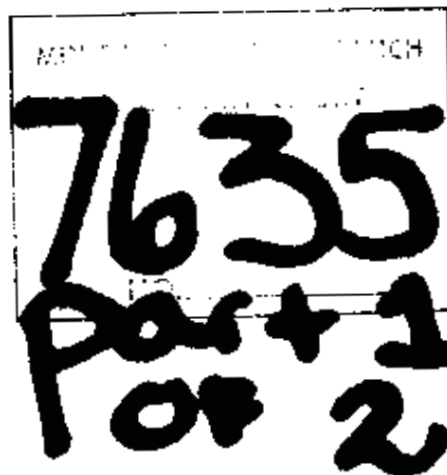


GEOCHEMICAL SOIL SURVEY

Grid I, 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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Fig. 3 Gold (ppb)
Fig. 4 Silver (ppm)
Fig. 5 Arsenic (ppm)

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

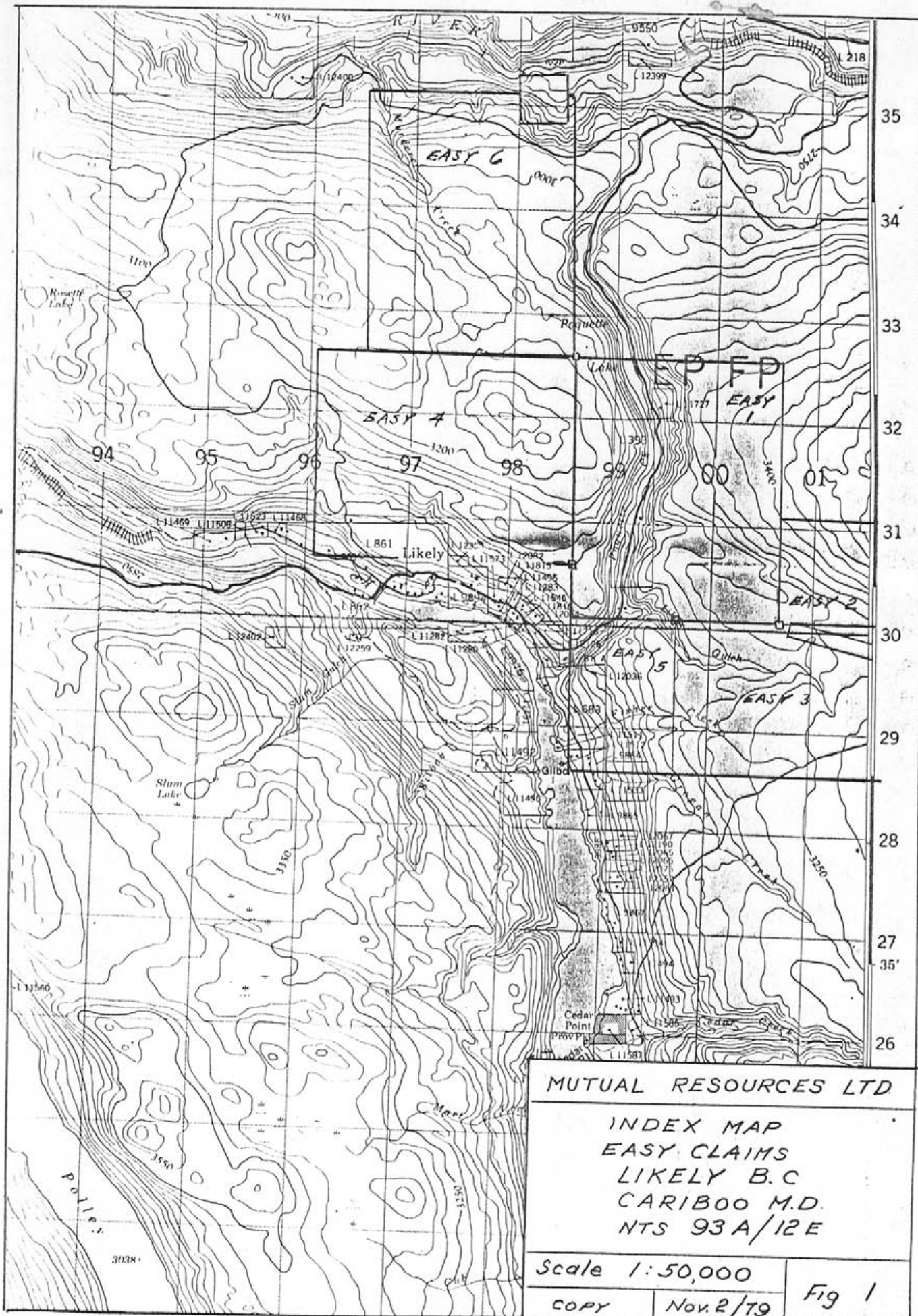
A small creek, which enters Poquette Creek from the east at a point about 1 Kilometre south of Poquette Lake, together with most of the creeks in the area, was worked for placer gold in past years. At the point where the creek emerges from a gully to enter the Poquette valley, early prospectors noted 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 May 1979, 7 lines for a total of 7000 metres (Grid 1) were cut on Easy 1 M.C. with station at 25 metres and line separation at 150 metres. This work followed the running of a reconnaissance soil line (line 0) of 1000 metres to determine response of six metallic elements.



MUTUAL RESOURCES LTD

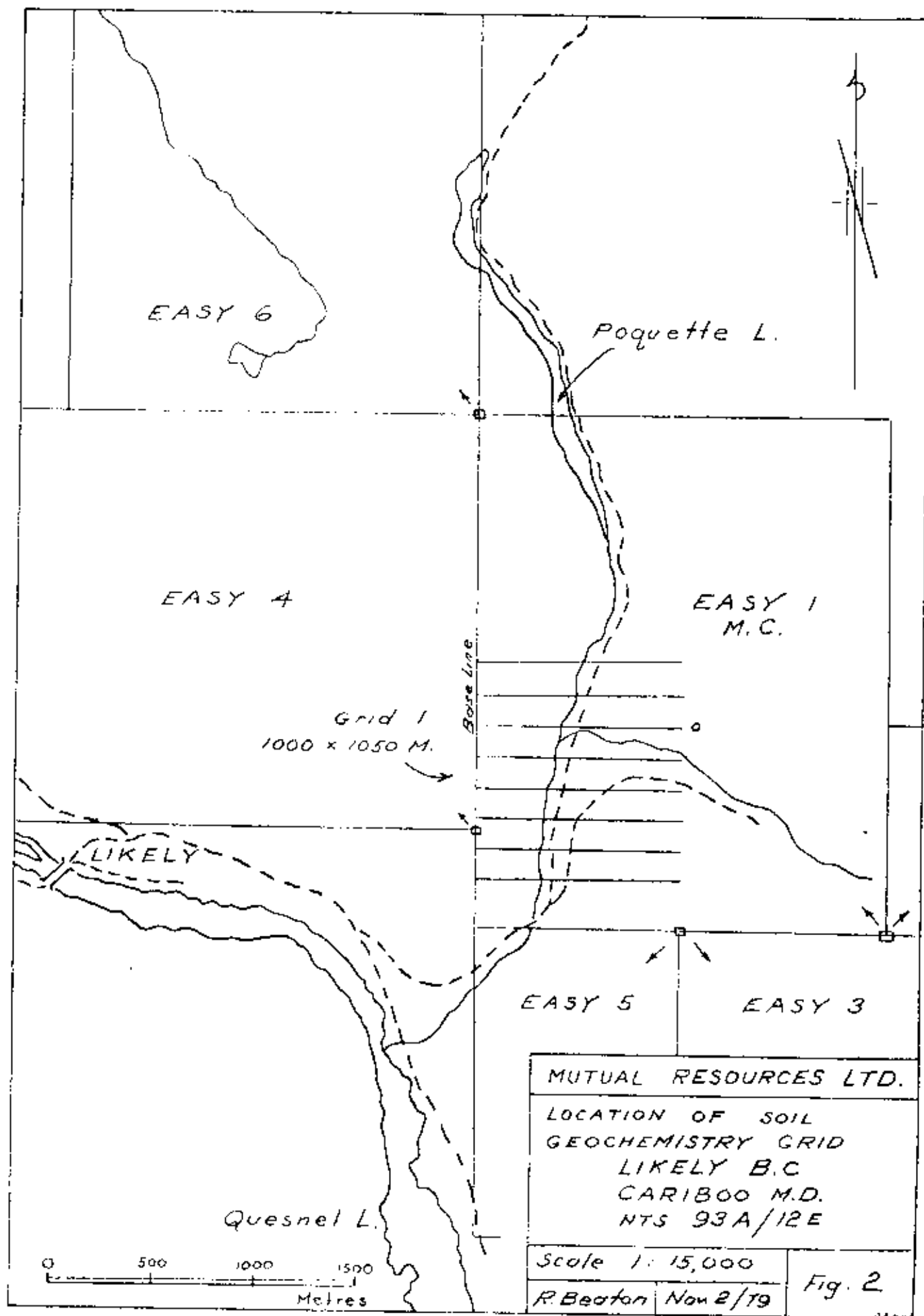
INDEX MAP
 EASY CLAIMS
 LIKELY B.C
 CARIBOO M.D.
 NTS 93A/12E

Scale 1:50,000

COPY

Nov. 2/79

Fig 1



A total of 991 analytic determinations were made by Chemex Labs Ltd., as follows:

	<u>Soil Geochemistry</u>	<u>Rock Geochemistry</u>	<u>Rock Assay</u>	
Au	268	17	5	
Ag	268	17	5	
As	268	17		
Cu	35	7		
Pb	35	7		
Hg	35	7		
	<u>909</u>	<u>72</u>	<u>10</u>	TOTAL 991

II PURPOSE:

The purpose of the soil-grid program was to determine, in an area where outcrop was largely limited to creek banks and road cuts, if systematic sampling might serve to provide targets for subsequent investigation in an area known to include quartz veining carrying low values in gold silver together with weak but visible amounts of arsenopyrite, galena, and chalcopyrite.

The initial reconnaissance line (Fig 6) showed that geochemical response was excellent where glacial cover was thin or lacking; but poor where cover was thick or consisting of clayey material. Since depth and type of cover were unpredictable; and since alternative exploratory methods would involve much greater cost, it was decided to expand the initial test line to a limited grid involving the three elements (Au, Ag, As).

III PROCEDURE:

The original or reconnaissance line was run by compass, hip chain, and altimeter; using flagging for markers. The subsequent grid lines were cut by chain saw, blazed, and marked by station pickets at 25-metre intervals.

Soil samples were taken from the B1 horizon is possible normally at depths of 15 to 30 cms; but from clean glacial silt below the organic level where the B1 horizon was not present. Creek slopes and sandy or porous soil provided excellent sample material. Samples were collected by spade, mattock, and in places soil auger. Roots and coarser material were rejected before placing finer material in suitably marked water-resistant kraft soil envelopes. Samples were shipped directly in damp condition to Chemex Labs Ltd., of North Vancouver for analysis. Rock geochem samples were taken as chips from the few grid-line outcrops, placed in suitably marked kraft envelopes, and shipped directly to Chemex.

IV RESULTS:

Results from the multi-element sampling of the reconnaissance line (line 0) showed moderate to strong response where cover was thin or lacking and weak to negligible elsewhere. Where response was good the following were determined by inspection:

Response	ppb Au	ppm Ag	ppm As	ppm Cu	ppm Pb	ppb Hg
Background	<20	<0.2	<50	<35	<4	<30
Threshold	20-40	0.2-0.4	50-100	35-70	4-8	30-60
Anomalous	>40	>0.4	>100	>70	>8	>60
Strongly Anomalous	>500	>3	>500	>400	--	--

Both arsenic and copper appeared to offer best promise as indicators hence the former together with gold and silver were selected for soil analysis on the remainder of the grid.

Results of the three-element analysis (Au, Ag, As) when plotted (Figs 3,4,5 in pocket) showed two areas that provided coincident anomalous values. Others, including a large area in the southwest part of the grid, are attributed to proximity to intrusive bedrock and/or solution migration in permeable drift. The two of interest are confined to the valley slopes of Poquette Creek. That on the east slope provided better than 300 ppb Au on lines 0 and 150 S, better than 300 ppm As on lines 0 and 300 S, and better than 1 ppm Ag on line 0. It also included the quartz veining mentioned in History and Ownership on page two. That on the west slope directly across Poquette Creek from the former provided better than 300 ppb on lines 0 and 150 S, better than 300 ppm on lines 150 N to 450 S, and better than 1 ppm Ag on line 0 and 150 S. This westerly anomaly also included altered quartz diorite (not shown on Geology Map 93A Quesnel Lake, Campbell, 1978) which carried minor galena and chalcopyrite in narrow stringers in the vicinity of station 4 west, Line 0.

V INTERPRETATION:

Since strongest soil value returns came from areas where glacial cover is thin, lacking, or permeable it follows that any geochemical program can only provide results which are not likely to be equally representative of underlying bedrock or which through migration of ions in ground or thermal waters may not represent underlying bedrock at all.

Evidence here, from elsewhere on the Easy claims, and from later drilling suggests that gold is associated with narrow widely-spaced quartz stringers in Campbells northwesterly-trending Tr Ja unit (fine grained basaltic tuffs, breccias

and argillite). Invariably these stringers favor pale grey tuffaceous or bleached horizons. The stringers in Poquette valley, in addition, include minor amounts of galena, chalcopyrite and arsenopyrite which may be related to contacts of the intrusive diorite - quartz diorite exposed on the west slope. Secondary arsenopyrite and pervasive pyrite may also be seen in the altered intrusive rock and occasionally in fresher intrusive diorite in the south westerly portion of the grid. Pyrite is persistent in the argillites and volcanic rocks throughout the claim area.

The rocks on both sides of Poquette valley are intensively shattered, goudgy, and invariably rusty from contained pyrite. It is obvious that they have been subjected to pronounced tectonism resulting from repeated movement associated with a postulated fault system along Poquette Creek and/or intrusive activity from a crystalline body flanking the west side of Poquette Creek. Thermal or ground waters again possibly resultant from faulting or intrusive activity may have been causative to bleaching alteration; and to introduction of secondary pyrite, arsenopyrite and calc-silicate veining in adjacent host rock.

The anomalous gold-in-soil values, since they are in most cases associated with coincident arsenopyrite and chalcopyrite suggest a common origin as outlined in the previous paragraph. Occasionally erratic very high Au in soil values have been found in sampling. These may reflect the presence of free (placer) gold; or more simply may have resulted from weathering of quartz stringers to provide occasional 'Kicks' which seldom repeat on resampling. Origin of such anomalous gold in soil is speculative.

VI CONCLUSIONS:

1. Anomalous gold, silver, arsenic, and copper in soil from geochemical grid I on Easy 1 M.C. are believed to have originated in part from mineralized quartz veining associated with a highly-altered phase of a diorite or quartz diorite body exposed on the west side of Poquette Creek.
2. Gold and silver in addition may result from chert and/or calc-silicate veining resultant from widespread movement of crustal water or hydro thermal solutions in a favourable Triassic - Jurassic volcano-sedimentary host (Campbells Tr Ja Unit) which exhibits bleaching or alteration in consequence.
3. Erratic very high gold values may occur in occasional soil samples due to the presence of free gold on bedrock or in glacial sediment derived in part from gold-quartz veins or stream concentrations of unknown or speculative origin.

ITEMIZED COST STATEMENT
Grid I (Prorated Costs)

WAGES: May 12-17, 19-21	
R. Mickle (line cutting - 6 days, soil sampling - 3 days)	\$970.21
S. Mason (" " " ")	726.92
May 3-6,8, 17-21,25	
R. Beaton (reccc, supervision, soil sampling, travel)	1083.33
ACCOMMODATION: R. Beaton	
May 3-8, 17-21 Meals, - 11 days @ \$14.25	156.78
" " Hotel, Motel - 11 days @ 9.66	106.26
TRANSPORTATION: R. Beaton	
May 3,8 Air fare, Vancouver - Wms Lake	99.40
May 3-8 Tilden U Drive Rental, Wms Lake	178.06
May (8 days) 4x4 rental @ \$608.40/mo.	162.24
" " gas, oil repairs	62.15
ANALYSIS: Chemex Labs Ltd.	
268 soil samples, 17 rock geochem, 5 rock (assays) for Au, Ag, Cu, Pb, As, Hg	
991 determinations variably - av. cost \$2.41/sample	2392.20
SUPPLIES: Misc. purchases (flagging, thread, wick pens etc.)	35.00
REPORT PREPARATION: R. Beaton plus support costs	<u>1400.00</u>
	TOTAL: \$7372.35

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



Sample Preparation

Sils, silts, lake bottom sediments - Samples are sorted and dried at 50°C for 12 - 16 hours. Dried material is then screened to obtain the -80 mesh component of each sample. Coarse material is discarded unless other instructions are received. Other mesh sizes are available if required.

Rock chips or pieces of core designated as rock geochem samples are dried, crushed and then pulverized to -100 mesh in a ring grinder. The sample is homogenized and packaged.

Sample Analyses

ppm Copper & Lead:

A 1.0 gm portion of sample is digested in conc. perchloric-nitric acid (HClO_4 - HNO_3) for approx. 2 hours. The digested sample is cooled and made up to 25 mls with distilled water. The solution is mixed and solids are allowed to settle. Copper and lead are determined by atomic absorption techniques using background correction for lead.

ppb Mercury:

The sample is digested with nitric acid plus a small amount of hydrochloric acid. Following digestion the resulting clear solution is transferred to a reaction flask connected to a closed system absorption cell. Stannous sulfate is rapidly added to reduce mercury to its elemental state. The mercury is then flushed out of the reaction vessel into the absorption cell where it is measured by cold vapour atomic absorption methods with a Jarrell Ash Multi-Versatility Spectrophotometer. The absorbance of samples is compared with the absorbance of freshly-prepared mercury standard solutions carried through the same procedure. The detection limit of this method is 5 ppb.

GEOCHEM PROCEDURES

PPB Gold: 5 gm samples ashed @ 800°C for one hour, digested with aqua regia - twice to dryness - taken up in 25% HCL⁻, the gold then extracted as the bromide complex into MIBK and analyzed via A.A.

Detection limit - 10 PPB

PPM Arsenic: a 1.0 gram sample is digested with a mixture of perchloric and nitric acid to strong fumes of perchloric acid. The digested solution is diluted to volume and mixed. An aliquot of the digest is acidified, reduced with KI and mixed. A portion of the reduced solution is converted to arsine with NaBH₄ and the arsenic content determined using flameless atomic absorption.

Detection limit - 1 PPM

PPM Silver: a 1.0 gm portion of sample is digested in conc. perchloric-nitric acid (HClO₄ - HNO₃) for approx. 2 hours. The digested sample is cooled and made up to 25 mls with distilled water. The solution is mixed and solids are allowed to settle. Silver is determined by atomic absorption technique using background correction on analysis.

Detection limit - 0.1 PPM



CHEMEX LABS LTD.

212 BROOKSBANK AVE.
 NORTH VANCOUVER, B.C.
 CANADA V7J 2G1 984-0221
 TELEPHONE 984-0221
 AREA CODE 604
 TELEX 043-62597

- ANALYTICAL CHEMISTS
- GEOCHEMISTS
- REGISTERED ASSAYERS

CERTIFICATE OF ASSAY

TO: Silver Standard Mines Ltd.,
 904 - 1199 W. Hastings St.,
 Vancouver, B. C.

ATTN: Mr. Bill Dunn

CERTIFICATE NO. 65200
 INVOICE NO. 30123
 RECEIVED May 7/79
 ANALYSED May 11/79

SAMPLE NO.	Oz/Ton Silver	Oz/Ton Gold
15987	0.02	0.012
15988	0.10	0.086
15989	0.04	0.003
15990	0.07	0.030
15991	0.02	0.003



MEMBER
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 ASSOCIATION

[Handwritten Signature]

REGISTERED ASSAYER, PROVINCE OF BRITISH COLUMBIA



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217 BROOKSBANK AVE.
 NORTH VANCOUVER, B.C.
 CANADA V7V 2C1
 TELEPHONE: [REDACTED] 984-0221
 AREA CODE: 604
 TELEEX: 043-52597

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CERTIFICATE OF ANALYSIS

TO: Silver Standard Mines Ltd.,
 904 - 1199 W. Hastings St.,
 Vancouver, B.C.

ATTN: V6E 3T5
 R. H. Beaton

"Easy Cr. Project - 27"

CERTIFICATE NO. 47145
 INVOICE NO. 30137
 RECEIVED May 9/79
 ANALYSED May 11/79

SAMPLE NO.	PPM Cu	PPM Pb	PPM Ag	PPB Au	PPM As	PPB Hg
Line 0 1W	144	4	0.4	< 10	80	60
2	108	8	0.4	20	175	50
3	86	6	0.4	20	175	40
4	138	12	0.8	260	450	80
5	90	6	1.0	< 10	225	70
6	196	4	0.8	1800	450	90
7	34	2	0.2	10	155	20
8	38	2	0.1	< 10	70	20
9	22	1	0.1	< 10	35	30
10	14	2	0.1	< 10	25	30
11	30	4	0.1	50	45	30
12	32	2	0.2	< 10	70	20
13	20	6	0.1	< 10	35	20
14	58	12	0.2	60	75	40
15	22	2	0.2	20	35	20
16	46	4	0.1	10	60	30
17	36	4	0.1	30	35	30
18	30	4	0.2	20	40	30
19	10	2	0.1	< 10	22	20
20W	38	4	0.1	< 10	50	50
6E	124	16	1.4	620	475	50
7	106	12	1.4	100	375	40
8	100	8	0.6	360	225	80
9	80	12	0.2	80	175	60
10	110	4	0.2	200	275	40
11	30	4	0.8	10	150	40
12	410	4	0.6	40	220	60
13	24	4	0.1	120	60	30
14	54	8	0.2	90	65	40
15	32	4	0.4	< 10	45	50
16	24	4	0.1	< 10	32	20
17	46	10	0.8	< 10	27	50
18	44	4	0.1	< 10	30	30
19	44	6	0.1	20	36	20
Line 0 20E	28	4	0.1	< 10	23	20

NOTE: Silver values below detection limit of 0.2 ppm reported as 0.1 ppm.



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 ASSOCIATION

CERTIFIED BY:

Hart Bielle



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 CANADA V7J 2C1
 TELEPHONE: [REDACTED] 984-0221
 AREA CODE: 604
 TELEFAX: 043 52597

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10 Silver Standard Mines Ltd.,
 904 - 1199 W. Hastings St.,
 Vancouver, B.C.
 V6E 3T5

ROCKS

CERTIFICATE NO. 47146

INVOICE NO. 30137

RECEIVED May 9/79

ATTN: R. H. Beaton

"Easy Cr. Project -27" ANALYSED

May 11/79

SAMPLE NO.	PPM Cu	PPM Pb	PPM Ag	PPB Au	PPM As	PPB Hg
Line 0 4W - NM	66	2	0.1	< 10	60	100
Line 0 4W - M	480	450	20	160	125	890
2 / RHB	38	1	0.2	< 10	8	30
A	10	1	0.1	< 10	2	30
Line 0 9E	100	1	0.2	20	75	20
Line 0 11E	64	2	0.1	< 10	23	20
Line 0 12E	100	1	0.2	20	22	30
Mic	170	1	0.1	< 10	375	50

NOTE: Silver values below detection limit of 0.2 ppm reported as 0.1 ppm.



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 ASSOCIATION

CERTIFIED BY:

Hart Biddle



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717 BROOKSBANK AVE.
 NORTH VANCOUVER, B.C.
 CANADA V7J 2C1
 TELEPHONE 985-0648
 AREA CODE 604
 TELEX: 043-52597

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CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 47272

TO: Silver Standard Mines Ltd.,
 904 - 1199 W. Hastings St.,
 Vancouver, B.C.
 V6E 3T5

INVOICE NO. 30442

RECEIVED May 29/79

ATTN: R.H. Beaton or W. Dunn

ANALYSED June 7/79

SAMPLE NO.	PPM		PPB		PPM	
	Ag		Au	As		
Line 270N STN 0	0.2		10		110	GRID 1 BLO-270N
150N OE	0.4		10		110	
25	0.1		10		51	
50	0.2		30		85	
75	0.1		20		27	
100	0.1		20		85	
125	0.1	< 10			34	
150	0.2		10		28	
175	0.2	< 10			35	
200	0.1	< 10			26	
225	0.2		50		40	
250	0.1		900		45	
275	0.1		70		56	
300	0.1		100		45	
325	0.1		10		110	
350	0.1		20		64	
375	0.1	< 10			245	
400	0.1	< 10			320	
425	0.1		20		54	
450	0.1	< 10			200	
475	0.1		10		90	
500	0.1	< 10			39	
725	0.1	< 10			36	
750	0.4		130		280	
775	0.1		100		210	
800	0.1	< 10			21	
825	0.1	< 10			25	
850	0.2	< 10			18	
875	0.4	< 10			8.0	
900	0.2	< 10			16	
925	1.8	< 10			33	
950	0.2	< 10			19	
975	0.2		20		14	
150N 1000E	0.4		10		26	
300N+25E	0.1		60		150	
50	0.2		60		175	
75	0.2	< 10			250	
100	0.2		20		175	
125	0.1		20		54	
300N+150E	0.4		70		41	

Note: Silver values below detection limit of 0.2 ppm reported as 0.1 ppm.



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Hart Biddle



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 AREA CODE: 604
 TFLEX 043-52597

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TO: Silver Standard Mines Ltd.,
 904 - 1199 W. Hastings St.,
 Vancouver, B.C.
 V6E 3T5

ATTN: R.H. Beaton or W. Dunn

CERTIFICATE NO. 47273

INVOICE NO. 30442

RECEIVED May 29/79

ANALYSED June 7/79

SAMPLE NO.	PPM	PPB	PPM
	Ag	Au	As
300N+175E	0.2	20	49
200	0.2	< 10	62
225	0.4	30	50
250	0.1	300	28
275	0.1	20	33
300	0.1	10	36
325	1.0	30	40
350	0.1	10	39
375	0.1	50	38
400	0.1	< 10	50
425	0.1	30	73
450	0.4	40	75
475	0.2	10	85
500	0.1	< 10	75
525	0.8	80	310
550	0.1	< 10	85
725	0.4	40	72
750	0.2	80	110
775	0.2	60	100
800	0.1	40	21
825	0.2	20	24
850	0.1	< 10	38
875	0.1	< 10	18
900	0.4	10	22
925	0.1	< 10	42
950	0.2	< 10	29
975	0.1	< 10	23
300N+1000E	0.2	20	14
150S+0 B/L	0.4	< 10	41
25E	0.2	20	49
50	0.2	10	100
75	0.4	40	100
100	0.4	20	80
125	0.2	30	75
150	0.6	20	49
175	0.1	10	55
200	0.6	< 10	41
225	0.4	< 10	65
250	0.2	< 10	34
150S+275E	0.1	< 10	62

Note: Silver values below detection limit of 0.2 ppm reported as 0.1 ppm.



MEMBER
 CANADIAN TESTING
 ASSOCIATION

CERTIFIED BY:

Hart Biddle



CHEMEX LABS LTD.

212 BROOKSBANK AVE.
 NORTH VANCOUVER, B.C.
 CANADA V7J 2C1
 TELEPHONE: 985-0648
 AREA CODE 604
 TELEFAX 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO: Silver Standard Mines Ltd.,
 904 - 1199 W. Hastings St.,
 Vancouver, B.C.
 V6E 3T5

ATTN: R.H. Beaton or W. Dunn

CERTIFICATE NO. 47274
 INVOICE NO. 30462
 RECEIVED May 29/79
 ANALYSED June 7/79

SAMPLE NO	PPM Ag	PPB Au	PPM As
150S+300E	0.4	< 10	35
325	0.2	10	28
350	0.4	200	95
375	0.8	10	140
400	1.2	600	> 500
425	1.4	130	> 500
450	0.1	120	85
475	0.4	< 10	100
600	0.2	40	170
625	0.4	200	120
650	0.4	900	300
675	0.1	220	130
775	0.4	120	65
800	0.1	50	37
825	0.4	< 10	95
850	0.2	30	100
875	0.4	20	55
900	0.1	30	59
925	0.1	60	85
150S950E	0.4	70	40
300S+0 B/L	0.1	< 10	49
+25E	0.1	20	90
50	0.1	< 10	90
75	1.6	60	100
100	0.8	< 10	90
125	0.6	< 10	85
150	0.4	40	120
175	0.8	10	20
200	0.1	10	50
225	0.1	< 10	200
250	0.2	< 10	55
275	0.1	10	90
300	0.1	< 10	95
325	0.1	< 10	200
350	0.1	< 10	440
375	0.1	< 10	160
400	0.1	20	400
575	0.1	< 10	11
600	0.4	10	100
300S+625E	0.1	40	420

Note: Silver values below detection limit of 0.2 ppm reported as 0.1 ppm.



MEMBER
 CANADIAN TESTING
 ASSOCIATION

CERTIFIED BY:

Walt Biddle



CHEMEX LABS LTD.

212 BROOKSBANK AVE.
 NORTH VANCOUVER, B.C.
 CANADA V7J 2C1
 TELEPHONE: 985-0648
 AREA CODE: 604
 TELEX: 043-52597

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CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 47275

TO Silver Standard Mines Ltd.,
 904 - 1199 W. Hastings St.,
 Vancouver, B.C.
 V6E 3T5

INVOICE NO. 30442

RECEIVED May 29/79

ANALYSED June 7/79

ATTN: R. H. Beaton or W. Dunn

SAMPLE NO.	PPM	PPB	PPM
	Ag	Au	As
300S+650E	0.4	50	230
675	0.8	130	420
700	0.6	240	150
725	0.2	160	80
750	0.1	< 10	56
775	0.2	30	90
800	0.2	60	170
825	0.1	110	39
850	1.0	40	29
875	0.4	< 10	70
900	0.2	10	34
925	0.4	20	65
950	0.6	< 10	32
975	0.1	30	40
300S+1000E	0.8	500	25
450S+0E	0.2	10	24
25	0.2	< 10	100
50	0.2	< 10	72
75	0.2	20	90
100	0.1	< 10	58
125	0.2	< 10	140
150	0.1	10	90
175	0.2	20	100
200	0.2	20	46
225	0.1	20	130
250	0.6	40	90
275	0.2	80	90
300	0.1	< 10	21
325	0.1	< 10	44
350	0.1	20	140
375	0.6	90	> 500
400	0.2	10	> 500
425	0.4	40	> 500
550	0.1	< 10	35
575	0.6	40	120
625	0.1	50	32
650	0.1	< 10	29
675	0.4	20	29
775	0.2	40	85
450S+800E	0.1	40	34

Note: Silver values below detection limit of 0.2 ppm reported as 0.1 ppm.



MEMBER
 CANADIAN TESTING
 ASSOCIATION

CERTIFIED BY:

Hart Biddle



CHEMEX LABS LTD.

212 BROOKSBANK AVE.
 NORTH VANCOUVER, B.C.
 CANADA V7J 2C1
 TELEPHONE 985-0648
 AREA CODE 604
 TELEX 043-62597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 47276

TO Silver Standard Mines Ltd.,
 904 - 1199 W. Hastings St.,
 Vancouver, B.C.
 V6E 3T5

INVOICE NO. 30442

RECEIVED May 29/79

ATTN R.H. Beaton or W. Dunn

ANALYSED June 7/79

SAMPLE NO. :	PPM Ag	PPB Au	PPM As
450S+825E	0.2	30	67
850	0.2	40	46
875	1.8	80	100
900	0.2	70	29
925	0.1	60	49
950	0.1	10	39
975	0.2	60	70
450S+1000E	0.1	40	59
600S+0E	0.2	< 10	70
25	0.1	< 10	85
50	0.2	< 10	120
75	0.1	< 10	25
100	0.1	< 10	110
125	0.2	< 10	48
150	0.2	20	75
175	3.6	< 10	310
225	0.4	20	240
250	1.2	60	350
275	0.4	60	220
300	0.2	80	59
325	0.2	60	240
350	0.1	60	170
375	0.1	< 10	260
400	0.1	20	180
525	0.1	20	64
550	0.1	< 10	28
600	0.1	20	19
625	0.2	340	64
650	0.4	380	140
850	0.4	200	170
875	0.2	140	140
900	0.2	80	130
925	0.2	30	45
950	0.1	110	140
975	0.1	20	16
600S+1000E	0.4	10	51
750S 0E	0.2	10	100
25	0.2	< 10	49
50	0.1	10	90
750S 75E	0.1	< 10	59

Note: Silver values below detection limit of 0.2 ppm reported as 0.1 ppm.



MEMBER
 CANADIAN TESTING
 ASSOCIATION

CERTIFIED BY:

Hart Biddle



CHEMEX LABS LTD.

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 CANADA V7J 2C1
 TELEPHONE: 985-0648
 AREA CODE: 604
 TELEX: 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 47277

TO: Silver Standard Mines Ltd.,
 904 - 1199 W. Hastings St.,
 Vancouver, B.C.
 V6E 3T5

INVOICE NO. 30442

RECEIVED May 29/79

ATTN: R.H. Beaton or W. Dunn

ANALYSED June 7/79

SAMPLE NO.	PPM		PPB	
	Ag	Au	As	As
750S 100E	0.1	< 10		35
125	0.1	20		370
150	0.1	< 10		85
200	0.2	< 10		340
225	0.2	< 10	>	500
250	0.2	< 10		51
275	0.2	10		35
300	0.2	10		58
325	0.4	20		53
350	0.2	< 10		140
375	0.1	< 10		24
400	0.2	100		14
425	0.1	< 10		20
515	0.8	20		150
550	0.2	< 10		70
575	0.2	140	>	500
600	0.1	< 10		20
625	0.4	< 10		26
650	0.1	50		80
675	0.1	20		35
700	0.1	20		30
725	0.1	< 10		33
750	0.8	10		95
775	0.6	10		90
800	0.2	20		28
825	0.4	20		11
850	0.8	10		100
875	0.8	< 10		51
900	0.4	< 10		70
925	0.2	< 10		19
950	0.2	10		34
975	0.4	10		50
750S 1000E	0.1	20		31

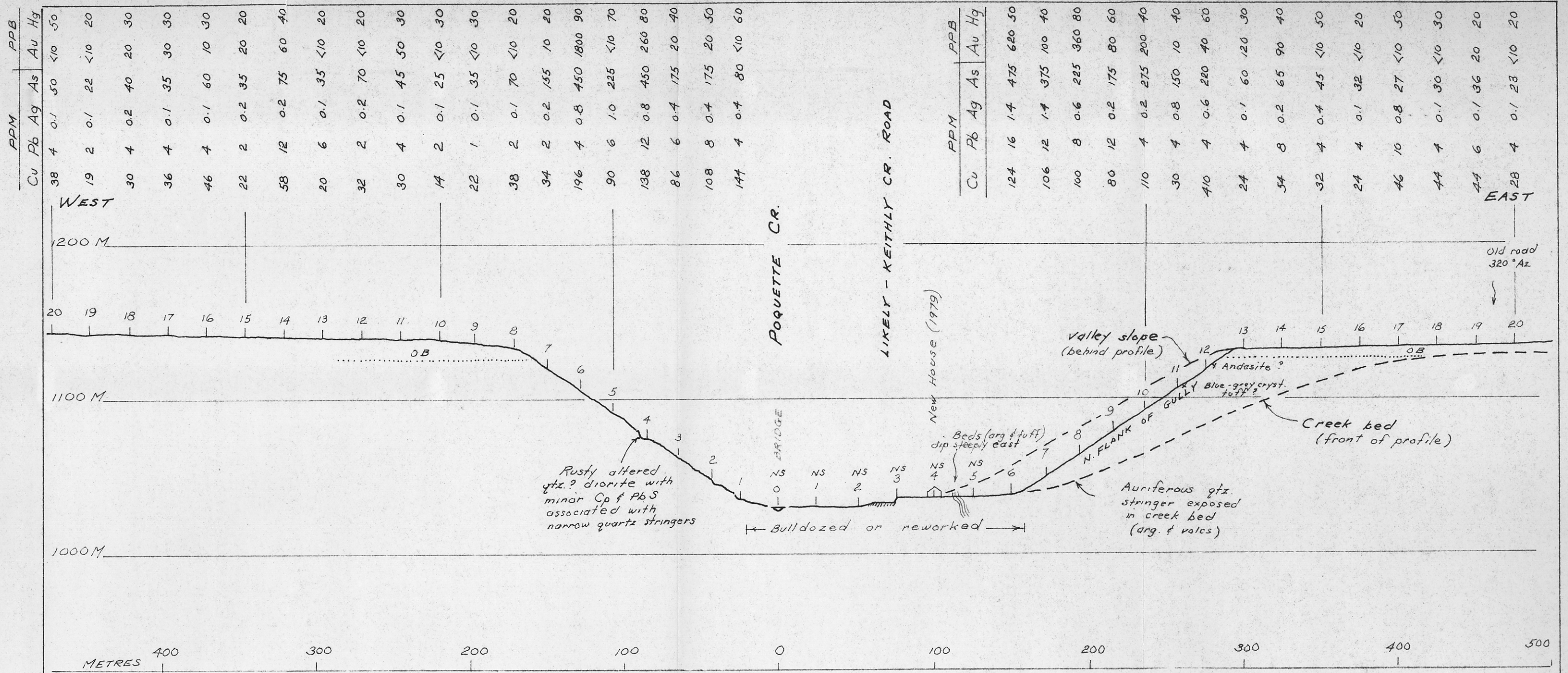
Note: Silver values below detection limit of 0.2 ppm reported as 0.1 ppm.



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 CANADIAN TESTING
 ASSOCIATION

CERTIFIED BY:

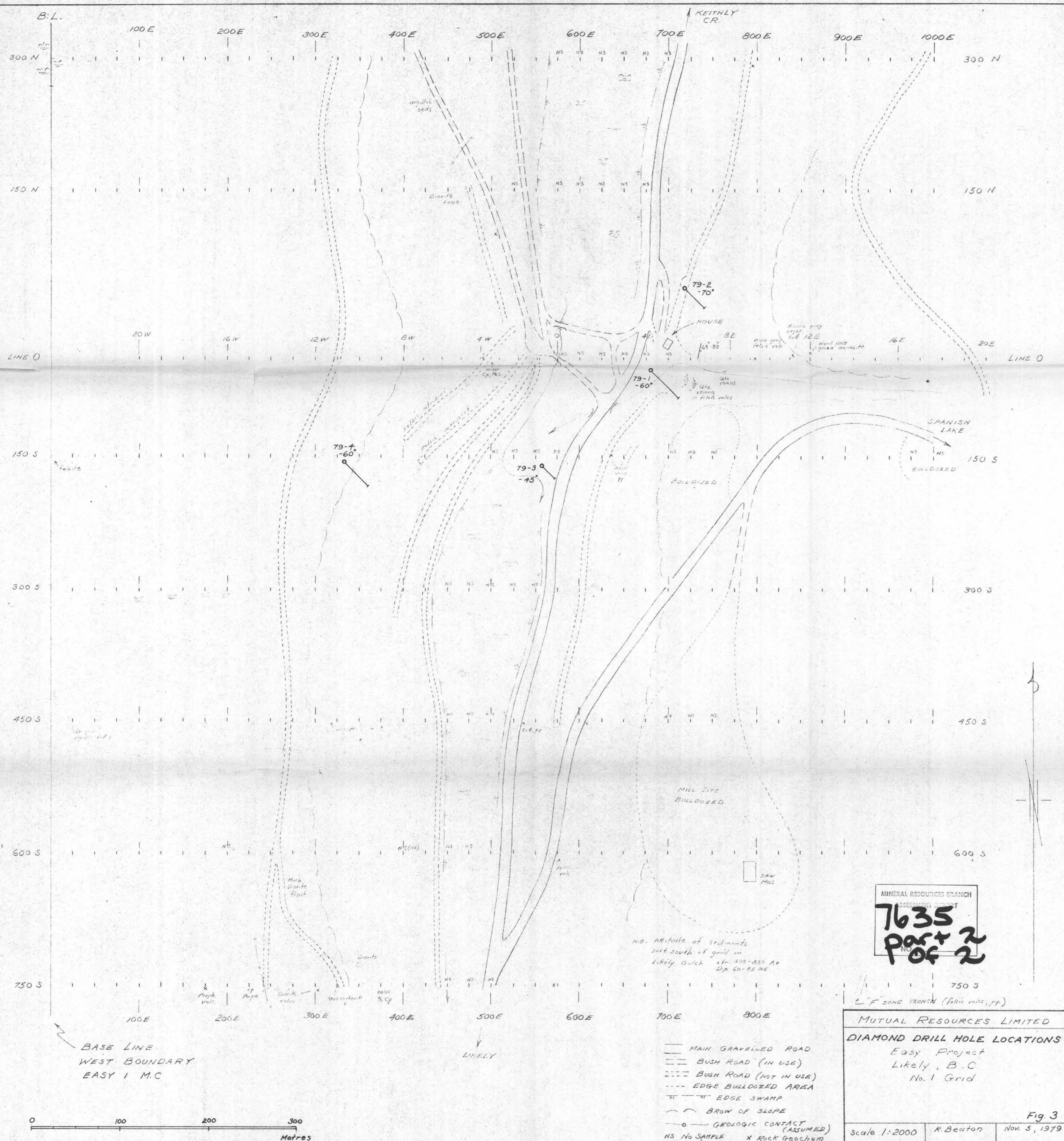
Hart Biddle



Elevations - Datum (assumed) STN. 0 - Bridge deck 1031 Metres
 - Topography (approx.) From slope, chainage, & altimeter

MINERAL RESOURCES BRANCH
 ASSESSMENT REPORT
7635
 NO.
Part 1
of 2

MUTUAL RESOURCES LTD.	
GEOCHEMICAL PROFILE ACROSS POQUETTE CREEK LINE 0 GRID I EASY 1 M.C.	
Scale 1:2500	Fig. 6
R. Beaton Nov. 1979	



MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
7635
Part 2
OF 2

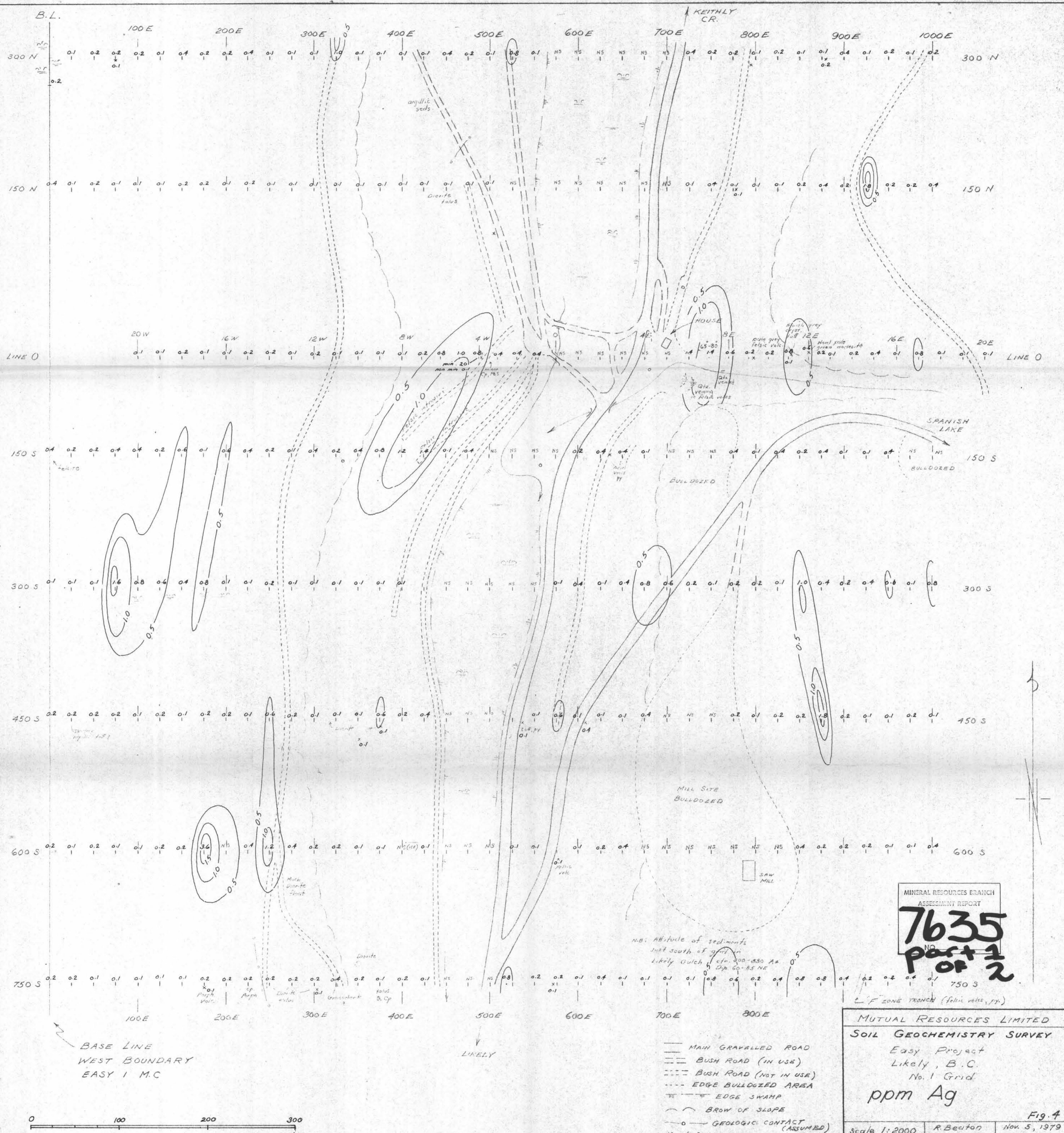
MUTUAL RESOURCES LIMITED
DIAMOND DRILL HOLE LOCATIONS
Easy Project
Likely, B.C.
No. 1 Grid

Fig. 3
Scale 1:2000 R. Beaton Nov 5, 1979

- MAIN GRAVELLED ROAD
- BUSH ROAD (IN USE)
- BUSH ROAD (NOT IN USE)
- EDGE BULLDOZED AREA
- EDGE SWAMP
- BROW OF SLOPE
- GEOLOGIC CONTACT (ASSUMED)
- NS No SAMPLE X Rock Geochem

BASE LINE
WEST BOUNDARY
EASY 1 M.C

0 100 200 300
Metres



MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
7635
NO. 1
Part 2
of 2

MUTUAL RESOURCES LIMITED
SOIL GEOCHEMISTRY SURVEY
Easy Project
Likely, B.C.
No. 1 Grid
ppm Ag

Scale 1:2000 R. Beaton Nov. 5, 1979

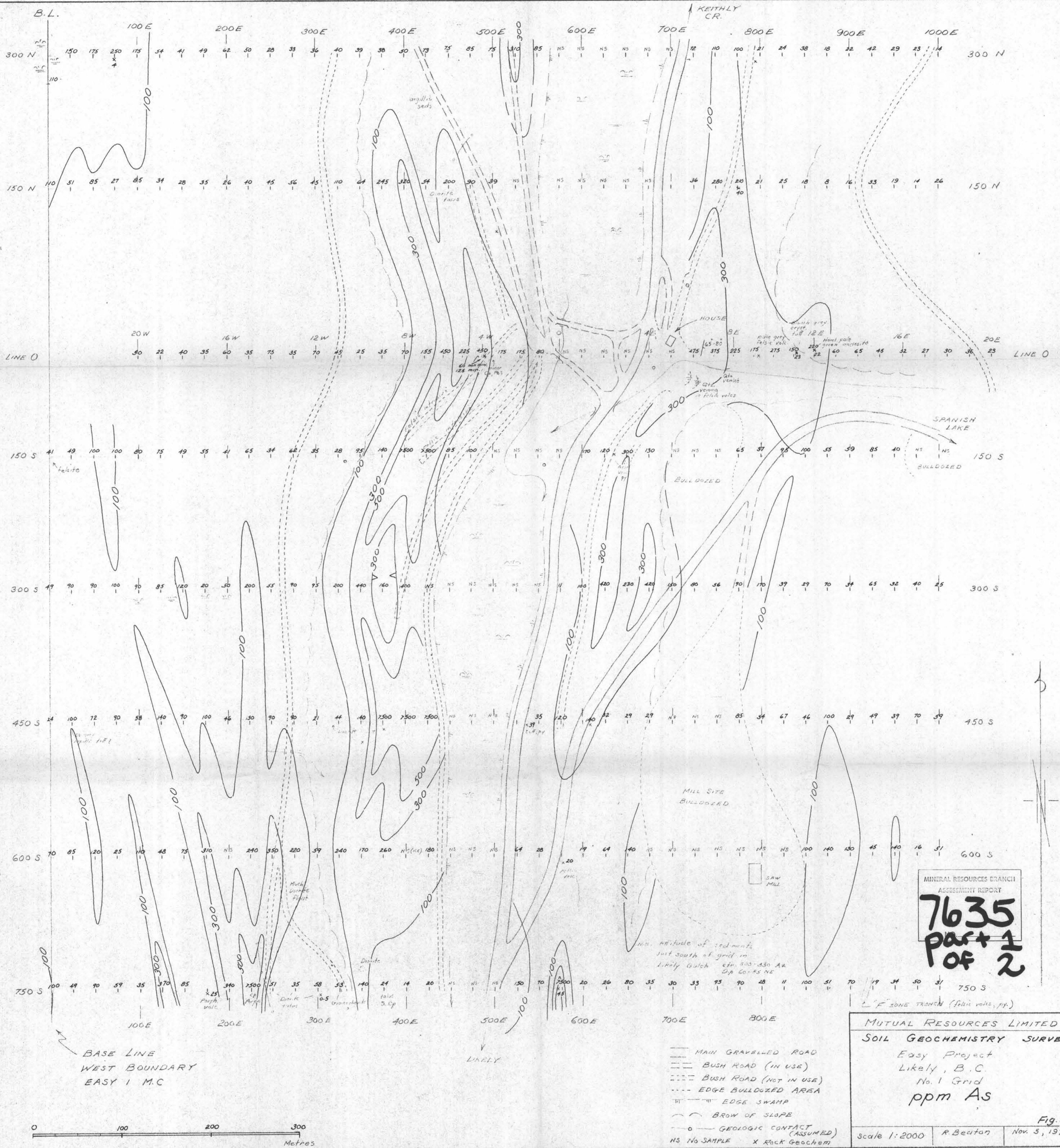
- MAIN GRAVELLED ROAD
- BUSH ROAD (IN USE)
- BUSH ROAD (NOT IN USE)
- EDGE BULLDOZED AREA
- EDGE SWAMP
- BROW OF SLOPE
- o— GEOLOGIC CONTACT (ASSUMED)
- NS No SAMPLE X Rock Geochem

N.B: Altitude of sediments
Just south of gulch
Likely Gulch (str. 800-830 Az
Dip 60-85 NS)

L.F. ZONE TRENCH (felsic notes, pp.)

0 100 200 300
Metres

BASE LINE
WEST BOUNDARY
EASY 1 M.C.



MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
7635
PART 1
OF 2

MUTUAL RESOURCES LIMITED
SOIL GEOCHEMISTRY SURVEY
Easy Project
Likely, B.C.
No. 1 Grid
ppm As

Fig. 5
Scale 1:2000 R. Beaton Nov. 5, 1979

- MAIN GRAVELLED ROAD
- BUSH ROAD (IN USE)
- - - BUSH ROAD (NOT IN USE)
- - - EDGE BULLDOZED AREA
- - - EDGE SWAMP
- - - BROW OF SLOPE
- - - GEOLOGIC CONTACT (ASSUMED)
- NS NO SAMPLE X Rock Geochem

BASE LINE
WEST BOUNDARY
EASY 1 M.C

