85-662-13826

ASSESSMENT REPORT

DIAMOND DRILLING AND TRENCHING PROGRAM

ON THE SILICA PROJECT CLAIMS

KAMLOOPS MINING DIVISION

NTS 92I/11W

Latitude 50°40' North, Longitude 121°21' West

BPVR 85-11

A.P.D. Gamble
October, 1985

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INTRODUCTION

Work on the Silica Project claim area was conducted intermittently during the period from September, 1984 through to May, 1985 by Selco Division - BP Resources Canada Limited. The work contained in this report consists of part of the total work conducted on the property. This report contains the results obtained from the following items:

1. Diamond Drilling: 3 holes totalling 638.26 metres
2. Trenching: 16 trenches totalling 616 metres

LOCATION AND ACCESS

The Silica Project area, located 6.0 km southwest of Ashcroft, B.C. lies immediately west of the Thompson River, NTS 92I/11W, Location Map, Figure 1. The property straddles the Trans Canada Highway No. 1 and includes the topographic feature know as Red hill with the summit having U.T.M. coordinates of 5,613,000 metres north and 617,500 metres east. Minaberriet Creek, Oregon Jack Creek and Venables Creek cut across the property.

Access to the property is gained via the Cornwall Hill and Venables Valley all-weather roads that lead from the Trans Canada Highway. Range, ranch and previous mineral exploration roads leading from the all-weather access route provides excellent access to all parts of the property.

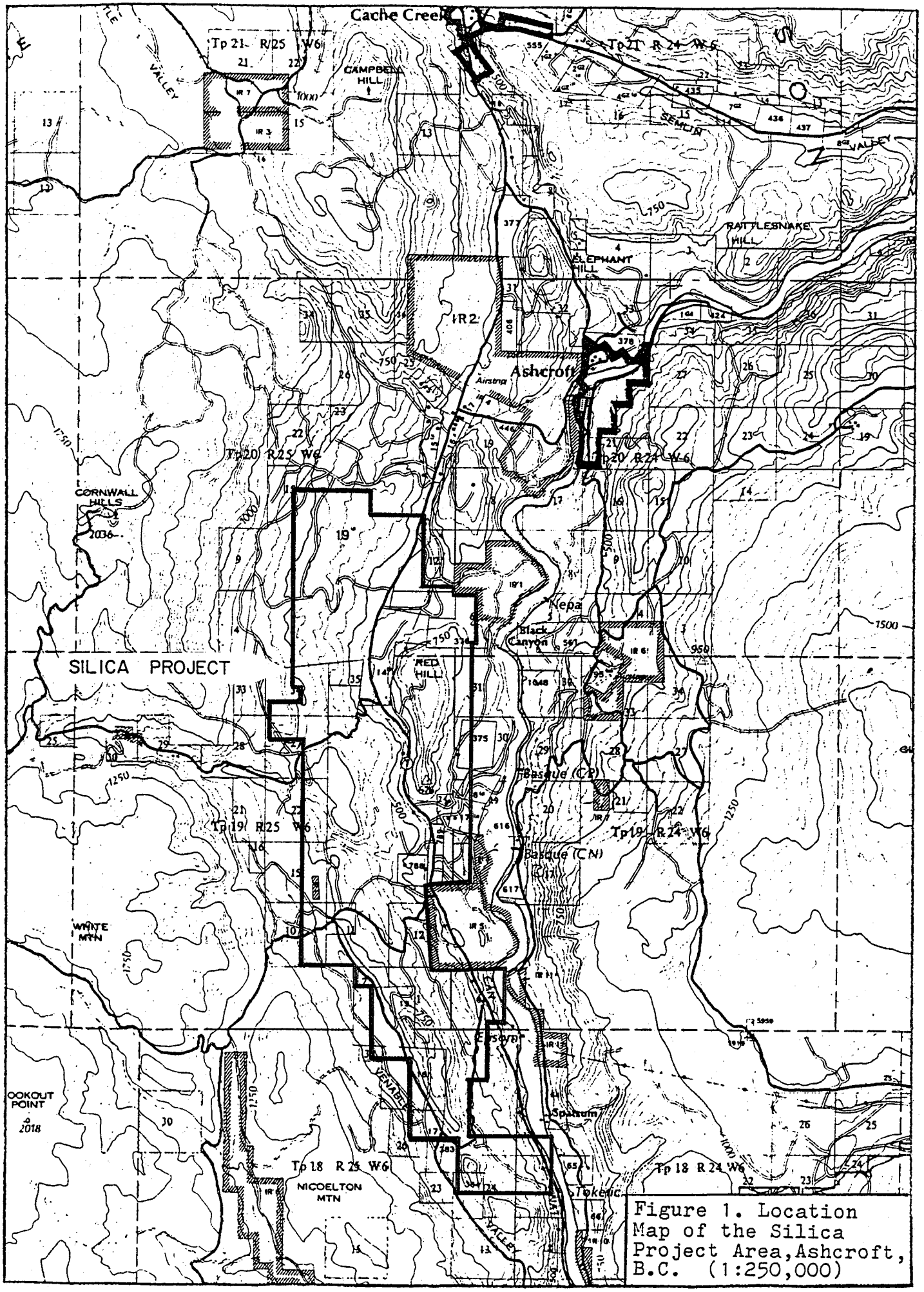


Figure 1. Location Map of the Silica Project Area, Ashcroft, B.C. (1:250,000)

The limits of the project area claims are as follows:

The north boundary lies approximately 6.0 km southwest of Ashcroft, B.C.; the south boundary lies approximately 13.0 km north of Spences Bridge, B.C.; the east boundary approximates the Thompson River; the west boundary lies in Venables Valley and swings northwards at the north end of this small valley (Figure 2).

TOPOGRAPHY AND VEGETATION

Topography varies from gentle to moderate changes in local relief. Elevations along the Thompson River approximate 300 metres A.S.L. with the river valley slopes quickly climbing to a 500 metre A.S.L. valley bench. Along this valley bench, the relief is gently rolling with a gradual increase in elevation westward. Several north trending hills reach 700-850 metres elevation A.S.L. along this bench. Red Hill (700 metres A.S.L.) and a ridge (850 metres A.S.L.) lying between Venables Valley and the Thompson River are the most prominent hills on the property. Immediately west of the property, elevations rise rapidly to mountainous relief that host Cornwall Hills Fire Lookout (2037 metres A.S.L.), White Mountain (1768 metres A.S.L.), and Lookout Point (2023 metres A.S.L.), all part of the north to northwest trending Clear Mountain Range.

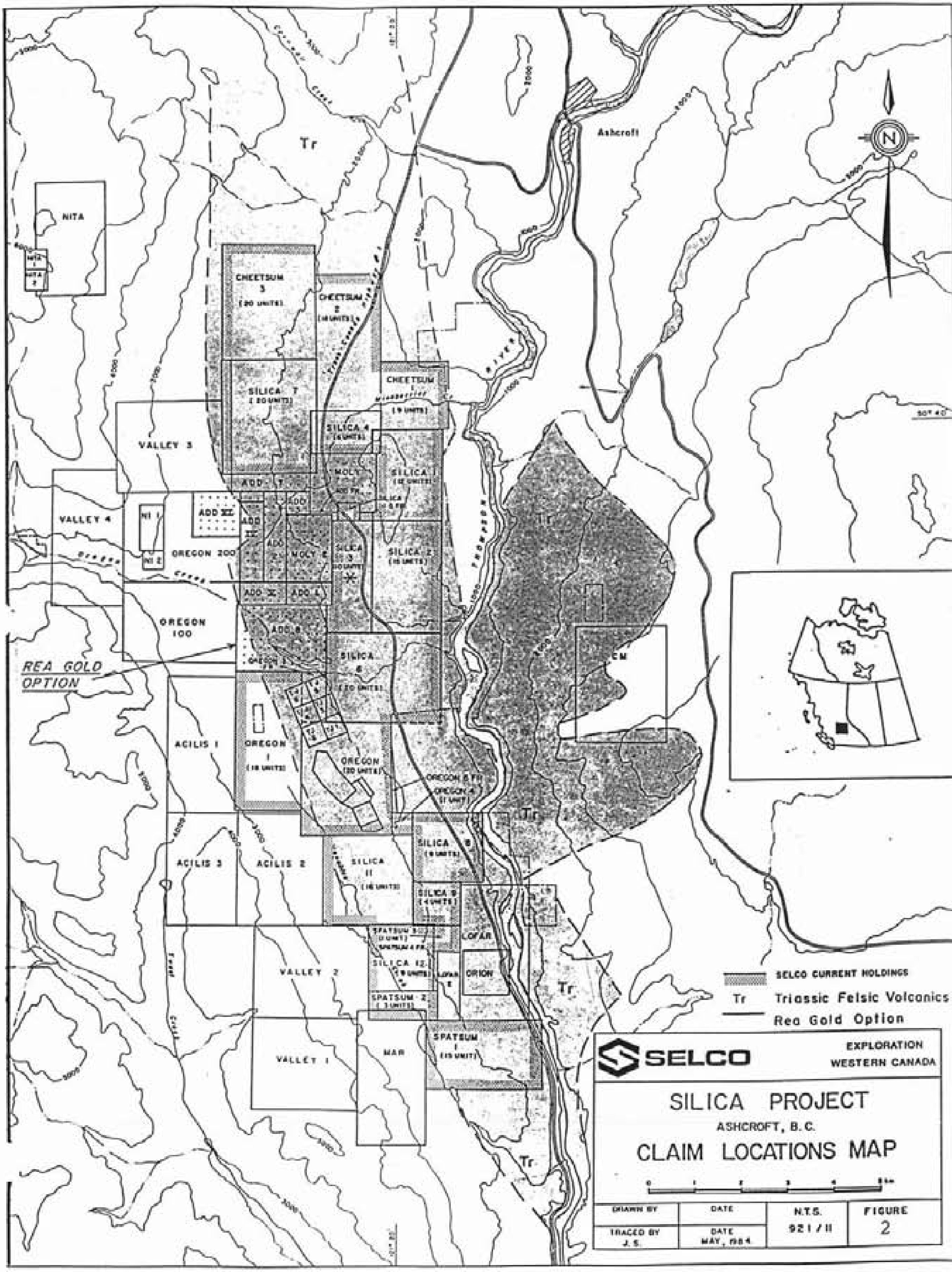
Vegetation consists of open grassland and sagebrush or farmland at the lower elevations. Scattered fir and pine are found on the small hills on the property. West of the property along the margin of the Clear Range are dense fir and pine forests.

CLAIM STATISTICS

All of the claims within the Silica Project area lie within the Kamloops Mining Division, NTS 92I/11W, see Figure 2, Claims Location Map. The claims are registered under either of the following names; Guichon Explorco Limited., BP Resources Canada Limited, or Rea Gold Corporation. The claim names, record numbers, number of units, recorded dates and registered claim owner are as tabulated:

GUICHON EXPLORCO LIMITED

CLAIM NAME	RECORD NO.	UNITS	RECORD DATE
SILICA 1	2365	12	JAN. 29, 1980
SILICA 2	2366	15	JAN. 29, 1980
SILICA 3	2367	10	JAN. 29, 1980
SILICA 4	2368	6	JAN. 29, 1980
SILICA 5 FR.	2369	1	JAN. 29, 1980
SILICA 12	6098	9	MAR. 25, 1985
RED 10 FR.	5919	1	OCT. 23, 1984
		54 UNITS	


Ashcroft
Tr
NITA
CHEETSUM 3 (20 UNITS)
CHEETSUM 2
SILICA 7 (20 UNITS)
CHEETSUM 1 (9 UNITS)
VALLEY 3
SILICA 4
MOLY
SILICA 1
VALLEY 4
ADD XII
OREGON 200
MOLY E
SILICA 3
SILICA 2
OREGON 100
REA GOLD OPTION
SILICA 6 (20 UNITS)
THOMPSON
RIVER
CM
ACILIS 1
OREGON 1 (18 UNITS)
OREGON (20 UNITS)
ACILIS 3
ACILIS 2
SILICA 11 (16 UNITS)
SILICA 8
SILICA 9
LOFAR
VALLEY 2
SILICA 12
ORION
SPATSUM 2
SPATSUM 1 (15 UNITS)
VALLEY 1
MAR
SELCO CURRENT HOLDINGS
Tr Triassic Felsic Volcanics
Rea Gold Option
SELCO
EXPLORATION WESTERN CANADA
SILICA PROJECT
ASHCROFT, B.C.
CLAIM LOCATIONS MAP
DRAWN BY
DATE
N.T.S. 92I/11
FIGURE 2
TRACED BY J.S.
DATE MAY, 1984

BP RESOURCES CANADA LIMITED

CLAIM NAME	RECORD NO.	UNITS	RECORD DATE
SILICA 6	4406	20	APR. 25, 1983
SILICA 7	4407	20	APR. 25, 1983
SILICA 8	4449	9	MAY 31, 1983
SILICA 9	4448	4	MAY 31, 1983
SILICA 11	5784	16	JUL. 13, 1984
CHEETSUM 1	4596	9	JUL. 26, 1983
CHEETSUM 2	4597	18	JUL. 26, 1983
CHEETSUM 3	4598	20	JUL. 26, 1983
OREGON 1	4599	18	JUL. 26, 1983
OREGON 2	4600	20	JUL. 26, 1983
OREGON 3 (FR.)	4601	1	JUL. 26, 1983
OREGON 4	4602	1	JUL. 26, 1983
OREGON 5 (FR.)	4603	1	JUL. 26, 1983
SPATSUM 1	4604	15	JUL. 26, 1983
SPATSUM 2	4605	1	JUL. 26, 1983
SPATSUM 3	4606	3	JUL. 26, 1983
SPATSUM 4 (FR.)	4607	1	JUL. 26, 1983
RED 1 (FR.)	5809	1	AUG. 07, 1984
RED 2 (FR.)	5810	1	AUG. 07, 1984
RED 3 (FR.)	5811	1	AUG. 07, 1984
RED 4 (FR.)	5812	1	AUG. 07, 1984
RED 5 (FR.)	5813	1	AUG. 07, 1984
RED 6 (FR.)	5814	1	AUG. 07, 1984
RED 7 (FR.)	5815	1	AUG. 07, 1984
RED 8 (FR.)	5816	1	AUG. 07, 1984
RED 9 (FR.)	5817	1	AUG. 07, 1984
		186 UNITS	

REA GOLD CORPORATION

CLAIM NAME	RECORD NO.	UNITS	RECORD DATE
MOLY	1730	9	MAR. 06, 1979
MOLY 2	1858	6	MAY 22, 1979
ADD 1	2323	2	DEC. 20, 1979
ADD 2	2324	4	DEC. 20, 1979
ADD 3	2325	1	DEC. 20, 1979
ADD IV	2893	4	AUG. 08, 1980
ADD V	2894	2	AUG. 08, 1980
ADD VI	2895	4	AUG. 21, 1980
ADD 7	3732	5	JUL. 29, 1981
ADD 8	3769	12	AUG. 24, 1981
ADD FR.	2828	1	JUL. 18, 1980
		50 UNITS	

A total of 44 contiguous mineral claims, consisting of 290 units, make up the Silica Project area. A part of this total are 11 claims totalling 50 units that are held under option from Rea Gold Corporation.

PREVIOUS WORK

The Ashcroft Map Area,, G.S.C. Memoir No. 262 by S. Duffell and K.C. McTaggart (1952) represents the first major geological survey and report of work conducted in the region. Ten years

later, J.M. Carr included Red Hill and area in his report on the geology in the Thompson River Valley between Ashcroft and Spences Bridge in "Lode Metals in B.C.", 1962. More recently, independent thesis and reports by J.H. Ladd (1977, 1979) and W.B. Travers (1978) have been conducted under the auspices of B.C.D.M. to further the understanding of the geology and structural complexities of the region.

Much of the area was staked previously with various followup exploration activities undertaken. The earliest recorded work within the Silica Project area is found in G.S.C. Memoir No. 262 (p. 112) which describes the Basque epsomite deposits that lie between Venables Valley and the Trans Canada Highway. The deposits occur in small ponds and consist of hydrous salts of magnesium, sodium and calcium, (epsomite-bloedite). The salts are leached from adjacent rocks and fed into small basins from surface and underground channels and springs. The brine in these pools are concentrated by evaporation with salt crystallization taking place during the hot dry season. An estimated tonnage of 75,500 tons was made in 1924 and by 1952 only 3000 tons of epsomite had been removed.

Assessment Report No. 155, "Babys Own" claim ($50^{o}32'N$, $121^{o}18'W$) was worked by Ainsworth Base Metals in 1957. Work conducted on

the property included ground magnetometer survey, geological survey and stripping over a magnetite-chalcopyrite-arsenopyrite skarn zone on a limestone/volcanic contact.

Assessment Report No. 299, covering the "Lucky Four, CCS, and Cache Creek Silica" claims was worked by Cache Creek Silica Co. in 1959. The work involved geological mapping and sampling of "silica schist" units exploring for high silica content on the southwest part of Red Hill and adjacent area lying to the southwest.

Reported in "Lode Metals in B.C.", 1982, Noranda Exploration Co. optioned a group of claims ("TS 1-5, M1-M10, M12-M22, M1(FR.)-M10(FR.)") that lie on the northern part of Red Hill. Work conducted consisted of soil geochemical survey, ground E.M. and magnetometer surveys, stripping and diamond drilling (8 holes totalling 890 feet). No assessment report was filed.

Reported in "Lode Metals in B.C." 1966, Delkirk Mining Ltd. held 99 claims in the Red Hill area. Work consisted of 1200 feet of bulldozer trenching and diamond drilling (3 X-ray holes totalling 300 feet). No assessment report was filed.

Reported in "Lode Metals in B.C.", 1967, Cosmic-Lode Mines Ltd. conducted a soil geochemical survey over the "Moly" claims formerly known as "Baby's Own". Chalcopyrite is reported to occur in a vein in altered greenstone. No assessment report was filed.

Cannoo Mines Ltd. conducted prospecting on the "MSG, MS" claims in an area between Venables Lake and the Trans Canada Highway as reported in "Lode Metals in B.C.", 1967. In 1968, this company placed four diamond drill holes totalling 128 feet on the "MSG 1-8" (formerly Martel Gold Mines Ltd.) with molybdenum and silver values occurring in quartz veins and fractures as reported in "Lode Metals in B.C.", 1968. No assessment report was filed.

Quintana Minerals Corporation optioned the Delkirk Mining Ltd. property on Red Hill and conducted a geological survey and drilled four deep rotary percussion holes totalling 2646 feet as reported in "Lode Metals in B.C.", 1968. Chalcopyrite, malachite and azurite is reported to occur in a large pyritic gossan. No assessment report was filed.

Cerro Mining Company of Canada Limited and Ducanex Resources Limited acquired "RJ 1-51 and Bedard 1-18" claims on Red Hill and conducted a geological survey, a ground magnetometer survey and

drilled 12 percussion holes totalling 3150 feet in 1970. The following year an Induced Polarization survey and four diamond drill holes totalling 1966 feet was carried out as reported in "G.E.M. in B.C.", 1970, 1971. No assessment report was filed.

Texas Gulf Sulphur Company conducted a soil geochemical survey and a geological survey on the "Salt" claims that lie northeast of Venables Lake. Pyrite and chalcopyrite were noted in heavily sheared rhyolite near a contact with argillaceous sedimentary rocks as reported in "G.E.M. in B.C.", 1970. No assessment report was filed.

G.G. Krause conducted reconnaissance geological and geochemical surveys as well as two diamond drill holes totalling 40 feet on the "Bob" claims that lie on the east side of Venables Lake. Anomalous copper (0.4%), zinc (0.070%) and molybdenum (.003%) were reported in the drilling results, Assessment Report No. 2947. Lone Creek Mines conducted an Induced Polarization survey over this property in 1971, Assessment Report No. 3679.

G.G. Krause conducted work on the "Jeff, Jack" claims that lie on the west side of the Trans Canada Highway, opposite Red Hill. Geological, soil geochemical and magnetometer surveys and diamond drilling 12 X-ray holes totalling 750 feet, Assessment Report No.

2947, were completed in 1970. Noranda Exploration Company Limited optioned the property and carried out a work program in 1971 consisting of geological and geochemical surveys, electromagnetic, magnetic and Induced Polarization surveys, and two diamond drill holes totalling 322 feet on "Jeff 4" claim, Assessment Reports No's. 2978, 3359 and "G.E.M. in B.C., 1971, (p. 300).

Noranda Exploration Company Limited conducted work on the "M1-8, 1 Fr., 2 Fr., Karen 1, 2, 4, 5" claims on Red Hill in 1971 as well. Geological mapping, soil geochemical survey, Induced Polarization, electromagnetic and magnetometer surveys and one diamond drill hole totalling 500 feet on "M-4" were reported in "G.E.M. in B.C., 1971, (p. 299), no assessment report filed.

In 1971 and 1972 El Paso Mining and Milling Company conducted geological and soil geochemical surveys over the "Mars 1-8" claims that lie on the Trans Canada Highway approximately 10 miles north of Spences Bridge, opposite Spatsum, Assessment Report No. 3680. In 1973, further work on the property consisted of three percussion drill holes totalling 1200 feet, as reported in "G.E.M. in B.C.", 1973, no assessment report was filed.

Bethlehem Copper Corporation in 1974 conducted work over the "Map 1-32" claims on Red Hill that consisted of soil geochemical and geological surveys, and three percussion holes totalling 580 feet, Assessment Report No. 5308.

Vantage Resources Limited in 1977 conducted work on the "Mar" claim that lies on the west side of Venables Lake. Soil geochemical survey, electromagnetic and magnetometer surveys and underground geological mapping of the old Martel Gold Mine workings were completed, Assessment Report No. 6318. (See Cannoo Mines Ltd., 1967, 1968 "MSG" claims previously described). In 1978 Vantage Resources Ltd. drilled 1262 metres as reported in "G.E.M. in B.C.", 1978, no assessment report was filed.

Penn Energy Corporation in 1978 carried out soil geochemical, electromagnetic and magnetometer surveys over the "EM 77" claim (formerly "Baby's Own, Moly" claims that were previously described), Assessment Report No. 6713.

Cominco Limited in 1978 conducted various work programs on the "Lofar, Sofar and Hifar" claims that lie to the south of Red Hill. The work consisted of geological and soil geochemical surveys, electromagnetic, magnetometer and Induced Polarization surveys, Assessment Report No. 6918.

Prospecting by D.H. Wilson on the "Orion" claim that lies directly opposite Spatsum was conducted in 1978, Assessment Report No. 7102. This property was optioned to Cominco Limited who conducted Induced Polarization and magnetometer surveys in 1979, Assessment Report No. 7638, followed by precussion drilling on the "Lofar, Orion" claims, Assessment Report No. 8263.

L.W. Reaugh conducted a percussion drilling program on the "Moly" claim that straddles the Trans Canada Highway at Red Hill in 1979, Assessment Report No. 7907. Followup work on the "Add" and "Moly" claims were conducted by Rea Petro in 1981 consisting of soil geochemical and magnetometer surveys, Assessment Report No's 10459, 10513.

Selco Inc. carried out geological and lithogeochemical surveys on the "Silica" claims that covers most of Red Hill in 1980, Assessment Report No. 8892. In 1981, a followup percussion drilling program was conducted, Assessment Report No. 9415.

In 1981, Esso Resources Canada conducted electromagnetic surveys over the "Power" and "Mina" claims west of Red Hill and over the "Wet" claims near Venables Lake, Assessment Report No's 9366, 9472.

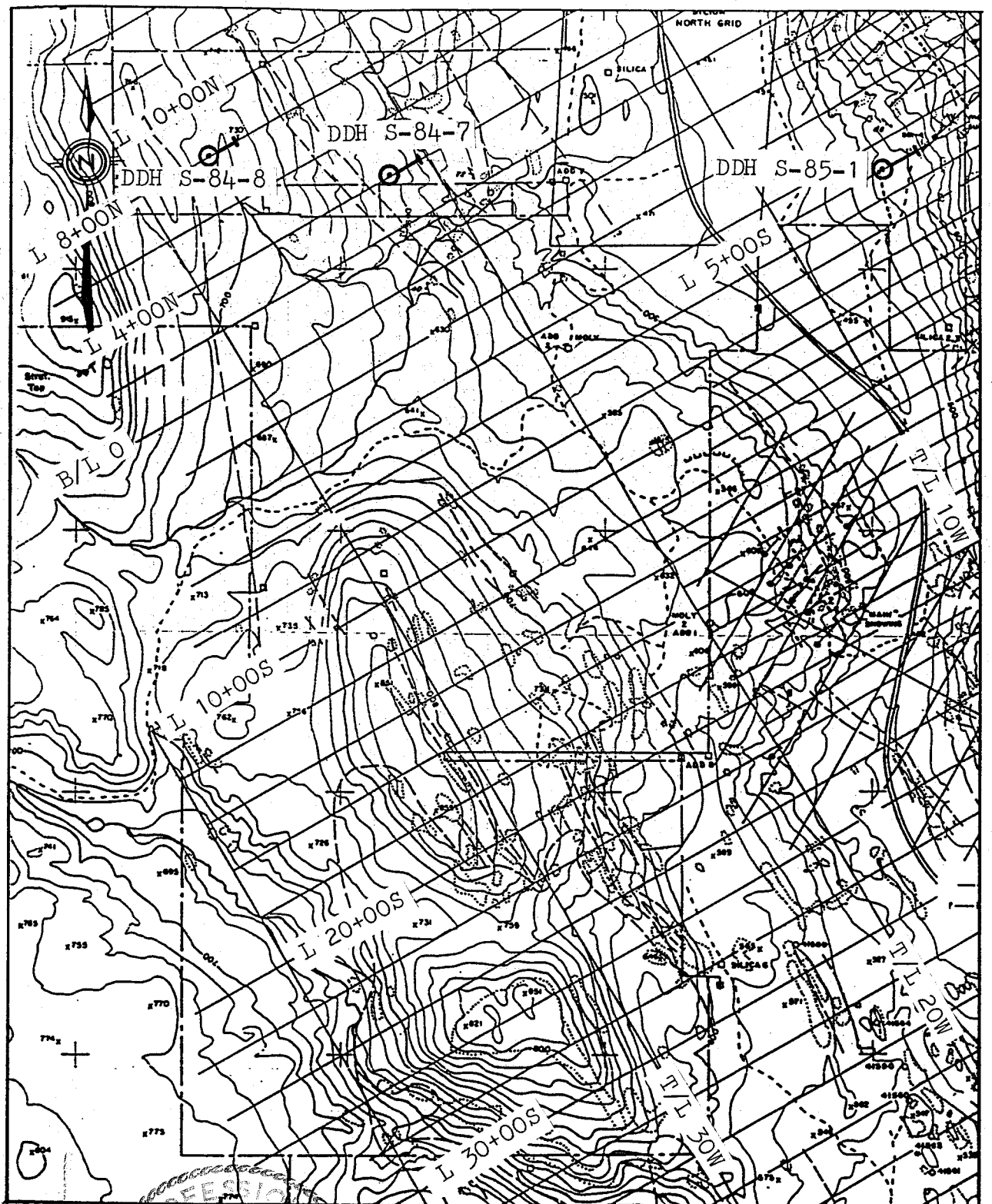
In 1981, Vantage Petroleum conducted an Induced Polarization survey over the "Mar" claim west of Venables Lake, (previously described), Assessment Report No. 9459.

Laramide Resources in 1982 carried out electromagnetic and magnetic surveys over the "TJ" claims that lie northeast of Venables Lake, Assessment Report No. 10546.

In 1983, Selco Inc. prepared Orthophoto Mosaic Base Maps, established a grid network and conducted a variety of geophysical surveys. The geophysical surveys included Max-Min II H.L.E.M., SE-88 Genie E.M., magnetometer and Induced Polarization surveys. In addition, a lithogeochemical survey and diamond drilling was also completed as filed by the author in a January 1984 assessment report.

DIAMOND DRILLING

Two diamond drill programs were conducted on the Silica Project claims in 1984 and 1985. The first program from September 6th - October 4th consisted of 10 diamond drill holes of which only two diamond drill holes totalling 304.5 metres, drilled between September 15th - 19th, 1984, are reported for assessment purposes in this report. The second program consisted of one diamond drill hole totalling 333.76 metres, drilled between April 12th -



PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
REX PEGG

SELCO DIVISION -
BP RESOURCES CANADA LIMITED

REA GOLD JOINT VENTURE

SILICA PROJECT - B.C.

DRILL HOLE LOCATIONS

SCALE As Shown	DRAWN BY:		FIG. 3
DATE NOV. 1984	DRAFTED BY: L.G.		
N.T.S. 92 I / 11	PROJ. 10110	REPORT BPVR 84-31	

25th, 1985. The purpose of these holes were to test anomalies outlined by a U.T.E.M. geophysical survey conducted in 1984. The drill hole locations are shown on the Drill Hole Location Plan, Figure 3.

The drill hole locations are as follows:

DDH #	Co-ordinates Main Grid	Az/Dip	Total Drilling	Claim Name
S-84-7	L4+00MN 21+50MW	060°/-50°	181.66 m	ADD 7
S-84-8	L8+00MN 27+00MW	060°/-50°	122.84 m	ADD 7
S-85-1	L5+08MS 5+75MW	060°/-55°	333.76 m	MOLY

DRILL RESULTS

The results obtained from the drilling programs for the three holes reported in this report are documented in the accompanying diamond drill hole logs with assays and illustrated on the diamond drill sections, Figures 4, 5, and 6.

HOLE NO.

S-84-7 Was drilled in a rhyolite tuff sequence with the conductor source a clay gouge filled fault and shear zone, locally pyritic.

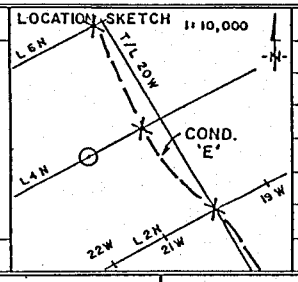
SELCO EXPLORATION WESTERN CANADA

"SUMMARY" **DRILL LOG**

HOLE NO... S-84-7.....

DRILLING CO.	G & D DIAMOND DRILLING LTD.
HOLE TYPE	DDH

LOCATION SKETCH 1:10,000



DEPTH	TESTS DIP ANGLE	AZIMUTH
COLLAR	- 50°	060°
60.96	- 56°	
121.92	- 56°	
167.64	- 55°	

DATE STARTED:	September 16, 1984
DATE COMPLETED:	September 19, 1984
COLLAR ELEV.:	610 m
NORTHING:	5,612,360MN
EASTING:	615,210ME
AZIMUTH:	060°
DEPTH:	181.66 m
CORE SIZE:	B.Q.

PROJECT:	Silica-Rea Gold Option
N.T.S.:	9sI 11W
LOCATION:	Main Grid
	Rea Gold's Add 7
	L4+00MN, 21+50MW
DATE LOGGED:	September 1984
LOGGED BY:	Dave Gamble

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE		STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
0	32.00	O/B									
32.00	51.75	Rhyolite Tuff	white	f.g.	tuff	ser	5% Py				
51.75	72.40	Rhyolite Tuff-Bx	white	f.-m.g.	tuff-breccia	ser-chl	1% Py				
72.40	79.30	Rhyolite Tuff	pale grn.	f.-m.g.	tuff	ser-chl	3% Py				
79.30	90.70	Rhyolite Tuff	white	f.g.	tuff	ser	1% Py				
90.70	92.50	Rhyolite Tuff	green	f.g.	tuff	ser-chl carb.	Tr Py				
92.50	101.60	Rhyolite Tuff	white	f.-c.g.	tuff	chl-ser	Tr Py				
101.60	105.60	Rhyolite Tuff	pale grn.	f.g.	tuff	ser	5% Py				
105.60	116.74	Rhyolite Tuff	white	f.g.	tuff	ser	Tr Py				
116.74	118.87	Quartz Vein	white	f.g.	massive		1% Py				
118.87	145.96	Rhyolite Tuff	white	f.g.	tuff	ser	2-5% locally			Conductive clay gouge and shear zones.	
145.96	181.66	Rhyolite Tuff-Bx	white	f.-c.g.	tuff-bx	ser-chl	2% Py				
	E.O.H.										

SELCO EXPLORATION WESTERN CANADA

"DETAIL" DRILL LOG

HOLE NO. S-84-7

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE		STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
0	32.00	O/B								Casing pulled.	
32.0	51.75	Rhyolite	grey	f.g.	tuff	sericite	2-5% Py	20		Grey white quartz-eye-sericite schistose tuff with	
		Tuff	white							occasional layers of green tuff (chlorite on greenish	
										sericite) imparting a layering to the sequence.	
										Colour banding in the green tuffaceous layers occur	
										at 32.0-32.3 m	
										35.5-36.8 m	
										37.2-37.7 m	
										44.9-45.0 m	
										Disseminated pyrite throughout 2%, local concentrations in	
										small bands up to 30% pyrite. Minor carbonate stringers	
										in the greenish layers.	
										Fabric foliation 75° to C.A. at 32 m	
										70° to C.A. at 42 m	
										70° to C.A. at 51 m	
										Sericite is strongly developed along foliation planes.	
										Sericite is pale yellow, white to buff tan, to pale green,	
										yellow, to bright green.	
51.75	72.40	Rhyolite	grey	f.-m.g.	tuff -	sericite	Py	20		Upper contact conformable at 70° to C.A., sheared contact.	
		Tuff -	white		breccia	chlorite	Tr-1%	broken		Very similar to preceding unit but contains coarse frag-	
		Breccia						core		ments of rhyolite grey to white in colour 1 cm x 2-3 cm,	
										buff tan to green chlorite + sericite along foliation	
										planes. Foliation fabric 70° to C.A. @ 54 m.	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. S-84-7

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE		STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										Quartz vein at 54.65-54.80 containing trace MoS_2 along	
										slip.	
										Green sericitic tuff layer from 54.80-55.60 m.	
										Quartz Vein 55.60-55.75 m	
										Fault Gouge 58.90-59.0 m	
										Quartz Vein 59.0 -59.15 m	
										Fault Gouge 60.80-61.88 m	
										(50% core recovery)	
										Small folds and crenulated tuffaceous rhyolite @ 62 m.	
										Layering at 70°-80° to C.A. as small chloritic tuff beds	
										from 62.8-63.7 m within the rhyolite tuff-breccia unit.	
										Wispy to patchy dark green chlorite in the matrix to white	
										frags.	
										Trace to 1% pyrite locally.	
										Fragments are white rhyolite with patchy wispy chlorite-	
										quartz matrix.	
										Lower contact broken.	
72.40	79.30	Rhyolite	pale to	f.-m.	tuff	sericite	1-3% Py	20		Fine to medium grained tuffaceous rhyolite, quartz eyes	
		Tuff	med. grn.			chlorite				and white siliceous fragments 2-4 mm in size.	
		(green)								Occasional 1 cm x 2 cm acid fragment.	
										Gradational lower contact 78.5-79.3 m.	
79.30	90.70	Rhyolite	grey	f.g.	tuff	sericite	Py			Quartz 'eye' rhyolite tuff, clean grey white.	
		Tuff	white				Tr-1%			Fabric foliation at 70° to C.A. @ 80 m	
		(white)								70° to C.A. @ 90 m	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. S-84-7

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE		STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										Strong fabric sericitic quartz "eyes" increase in size	
										near lower contact to 3 mm.	
										Contact appears to be gradational over 90.22-90.70.	
										Quartz Veins @ 84.10-84.60 m	
										Fault Zone 84.60-84.80 m	
										Quartz Vein @ 85.20-85.40 m	
90.70	92.50	Rhyolite	med. grn.	f.g.	tuff	chlorite	Tr Py	20		Quartz eyes to 1 cm in size set in a green chloritic tuff	
		Tuff		with m.g.		sericite				matrix.	
		(green		"qtz eyes"		CO_2				Minor rusty carbonate rimming the quartz eyes.	
		Qtz eye)								Lower contact sharp @ 60° to C.A.	
										(Similar to unit above preceding unit).	
92.50	101.60	Rhyolite	white	f.g.-c.g.	massive	chlorite	Tr Py	20		Similar to 51.75-72.40 m.	
		Tuff -			to	wisps				White rhyolite breccia clasts in a pale green to white	
		Breccia			breccia					rhyolite matrix.	
										Lower contact sheared and broken with small quartz vein.	
101.60	105.6	Rhyolite	pale	f.g.	tuff	sericite	Py	20		Pale green quartz-sericite + pyrite schist. Pyrite finely	
		Tuff	green				2-5%			disseminated 5%.	
							dissem.			Foliation 75° to C.A. @ 104 m.	
										Lower contact sharp @ 75° to C.A.	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. S-84-7

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE		STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
105.6	116.74	Rhyolite	very pale	f.g.	tuff	sericite	Tr Py	20		Some sericitic gouge is weakly conductive.	
		Tuff	greenish							Tuffaceous layering/foliation is 80° to C.A. at 110.0	
			white							metres. Crenulation in foliation.	
										Some breccia clast 1-2 cm but predominantly tuff.	
										White to pale green sericite occasional patches of	
										greenish yellow micaceous sericite.	
										Broken lower contact.	
116.74	118.87	Quartz	white	f.g.	massive	-	Tr -	20		Disseminated pyrite in seams and along fractures. Some	
		Vein					1% Py			open space vugs.	
118.87	145.96	Rhyolite	white	f.g.	tuff	sericite	2-			118.87-120.37 m 2-5% pyrite disseminated in seams.	
		Tuff				chlorite				White clean quartz-sericite schistose tuff. Some very	
										pale pastel colour variations i.e. tuff compositional	
										layering. Becomes increasingly crenulated and folded	
										schist down the interval.	
										Fault zones at 126.7,	
										126.9,	
										127.20 - 127.90 m.	
										Clay sericite gouge in a lot of the small faults or	
										strongly sheared acid tuffs are CONDUCTIVE.	
										130.9-131.25 Medium grey sericitic layer.	
									*	132.10-133.6 Medium grey tuff layer with alteration and	
										disseminated 2-5% pyrite.	
										Foliation fabric is contorted but overall is 60-70° to	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. S-84-7

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE		STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										C.A. at 131 m.	
									*	136.70-138.98 Medium grey green tuff, chlorite altered,	
								same		(as 132.10-133.6) disseminated 2-5% pyrite.	
										138.98-144.2 Clean white quartz sericite schist.	
									*	144.2-145.5 Medium grey green alteration 2-5% dissem.	
										pyrite.	
										Fault zones @ 143.9, 145.7-145.96 m.	
145.96	181.66	Rhyolite	pale	f.-c.g.	tuff -	sericite	Py	20		Pale green quartz sericite ± chlorite matrix with white	
	E.O.H.	Tuff -	green		breccia		Tr-2%			rhyolite clasts from 0.5 cm to 2-3 cm in size, round and	
		Breccia	to white							stretched in the foliation direction.	
										Some green chloritic wisps.	
										Layering, foliation, stretching direction of frags	
										60^{o} to C.A. @ 147 m	
										70^{o} to C.A. @ 157 m	
										$70\text{-}75^{o}$ to C.A. @ 177 m	
										70^{o} to C.A. @ 177 m	
										Pyrite disseminated Tr-2%, locally in small seams up to	
										30% py over several cms. only.	
										Broken ground 175.57-177.70 m.	

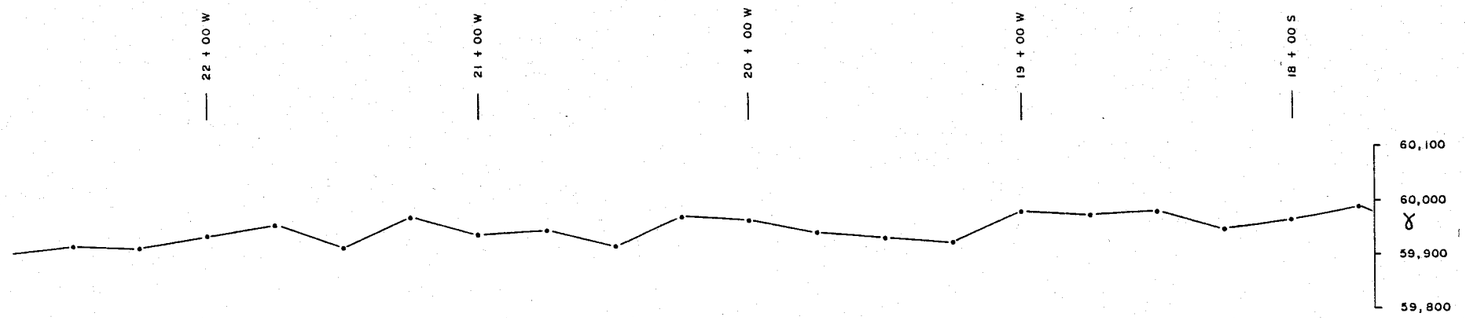
SELCO — EXPLORATION WESTERN CANADA — *SK-SKELETONIZED EVERY 0.5 M SAMPLE

DRILL LOG — sample data

SAMPLE CNT-CONTINUOUS SPLIT					CORE RECOVERY		VISUAL ESTIMATES (% ORE MINERALS)	ASSAY RESULTS
NUMBER	FROM	TO	TOTAL METRES	Sp. Gr	%	AMT. LOST		Au (ppb)
905053	31.90	42.00	10.10		*SK			< 5
905054	42.00	53.10	11.10		*SK			5
905055	72.44	79.35	6.91		*SK			< 5
905056	84.83	90.27	6.44		*SK			< 5
905057	101.60	111.70	10.10		*SK			< 5
905058	116.74	118.87	2.13		CNT			< 5
905059	118.87	120.40	1.53		CNT			< 5
905060	132.10	133.81	1.71		CNT			< 5
905061	136.75	138.15	1.40		CNT			< 5
905062	138.15	138.99	0.85		CNT			< 5
905063	154.00	160.50	10.50		*SK			< 5
								< 5

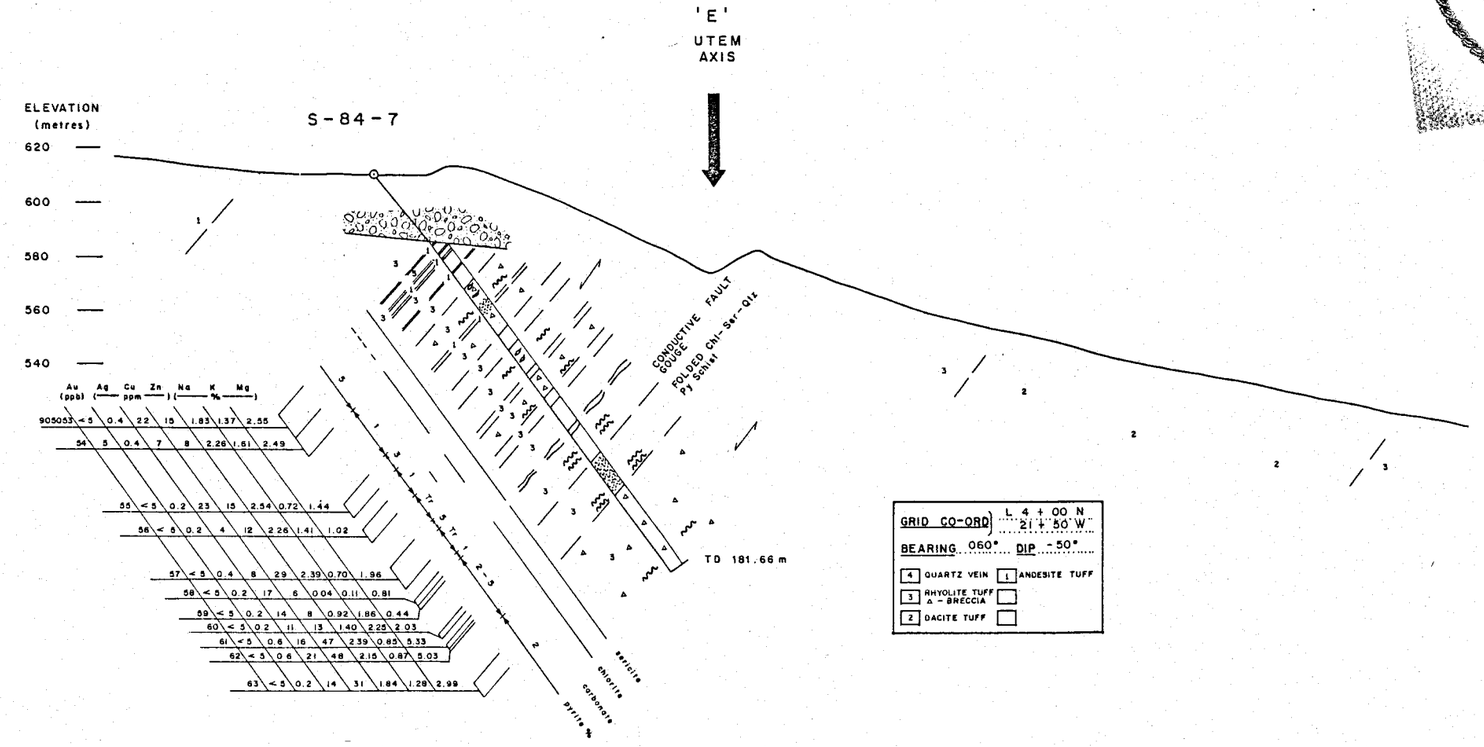
Sample Description	Mo ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)	P ppm (ICP)	Pb ppm (ICP)	Bi ppm (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Ni ppm (ICP)	Ba ppm (ICP)	Fe % (ICP)	Mn ppm (ICP)	Cr ppm (ICP)	Mg % (ICP)	V ppm (ICP)	Al % (ICP)	Be ppm (ICP)	Ca % (ICP)	Cu ppm (ICP)	Ag ppm AAS	Ti % (ICP)	Sr ppm (ICP)	Na % (ICP)	K % (ICP)
905053	<1	<10	15	370	<1	<2	<0.5	15	17	70	5.58	430	145	3.55	130	6.62	<0.5	0.94	22	0.4	0.338	37	1.83	1.37
905054	32	<10	8	430	<1	<2	<0.5	7	5	245	3.06	205	95	2.49	60	7.79	<0.5	0.44	7	0.4	0.119	43	2.26	1.61
905055	<1	<10	15	365	<1	<2	<0.5	4	<1	50	2.69	355	60	1.44	51	6.28	<0.5	0.92	23	<0.2	0.105	51	2.54	0.72
905056	5	<10	12	290	<1	<2	<0.5	<1	<1	210	0.51	170	85	1.02	30	6.86	<0.5	0.64	4	<0.2	0.066	49	2.26	1.41
905057	<1	<10	29	270	<1	<2	<0.5	7	<1	110	2.95	570	70	1.96	79	5.82	<0.5	1.27	8	0.4	0.099	56	2.39	0.70
905058	2	<10	6	35	<1	<2	<0.5	<1	2	20	0.83	1280	190	0.81	<1	0.29	<0.5	1.70	17	<0.2	0.003	10	0.04	0.11
905059	3	<10	8	155	<1	<2	<0.5	1	<1	350	2.02	330	95	0.44	16	5.73	<0.5	0.65	14	<0.2	0.065	27	0.92	1.86
905060	3	<10	13	445	<1	<2	<0.5	9	1	250	2.63	245	90	2.02	156	8.30	<0.5	0.65	11	<0.2	0.189	43	1.40	2.25
905061	4	<10	47	330	<1	<2	<0.5	20	23	110	4.86	715	85	5.33	115	8.02	<0.5	0.65	16	0.6	0.087	28	2.39	0.85
905062	3	<10	48	305	<1	<2	<0.5	18	22	80	4.35	850	85	5.03	111	7.48	<0.5	0.80	21	0.6	0.107	32	2.15	0.87
905063	<1	<10	31	285	4	<2	<0.5	7	8	200	2.39	575	60	2.99	56	7.71	<0.5	0.74	14	<0.2	0.090	54	1.84	1.38

DRILL HOLE NO. S-84-7



MAGNETIC PROFILE

LINE 4 + 00 N



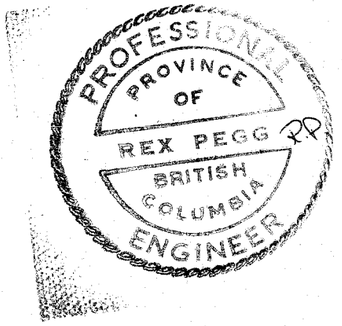
GRID CO-ORD. L 4 + 00 N / 21 + 50 W

BEARING 060° DIP -50°

4 QUARTZ VEIN
3 RHYOLITE TUFF Δ - BRECCIA
2 DACITE TUFF
1 ANDESITE TUFF

HORIZONTAL & VERTICAL SCALE 1:1000

0 10 20 30 40 50 60 70 80 90 100
METRES



SELCO DIVISION - BP RESOURCES CANADA LIMITED

SILICA PROJECT

REA GOLD OPTION ADD 7 CLAIM

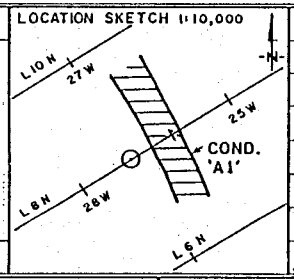
DDH SECTION S-84-7

SCALE 1:1000		DRAWN BY: D.GAMBLE	FIG. 4
DATE APRIL 1985		DRAFTED BY: E.B.W.	
N.T.S. 92 I/11 W	PROJ. 10111	REPORT	

SELCO EXPLORATION WESTERN CANADA

"SUMMARY" **DRILL LOG**

HOLE NO... S-84-8.....

DRILLING CO.	LOCATION SKETCH 1:10,000	DEPTH	TESTS DIP ANGLE	AZIMUTH	DATE STARTED:	September 15, 1984	PROJECT: Silica-Rea Gold Option
G & D DIAMOND DRILLING LTD.		COLLAR	- 50°	060°	DATE COMPLETED:	September 16, 1984	N.T.S.: 92I 11W
		60.96	- 57°		COLLAR ELEV.:	728 m	LOCATION: Main Grid
		109.73	- 57°		NORTHING:	5,612,440MN	Rea Gold's Add 7 Claim
					EASTING:	614,520ME	L8+00MN, 27+00MW
					AZIMUTH:	060°	
					DEPTH:	122.84 m	DATE LOGGED: September 1984
HOLE TYPE DDH					CORE SIZE:	B.Q.	LOGGED BY: Dave Gamble

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE		STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
0	21.34	O/B									
											PERMIAN - CACHE CREEK GP.
21.34	26.40	Shale	black	fine	layered	SiO_2 veinlets	Nil	intense		-Highly fractrued & sheared (40° & less to C.A.)	
										carbonaceous-graphite schist - CONDUCTIVE.	
26.40	37.60	Ultra-Mafic	green-blk.	fine	massive	serpentine talc, CO_2	Nil	intense		-Strongly fractured and sheared serpentine altered	
										ultramafic. Minor carbonate ± talc along fractures	
37.60	117.80	Shale	as above							but predominantly serpentine. Weakly magnetic, possible	
										chromite strgs.	
117.80	122.70	Ultra-Mafic	as above								
122.70	122.84	Shale	as above								

SELCO EXPLORATION WESTERN CANADA "DETAIL"

DRILL LOG

HOLE NO. S-84-8

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE		STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS: MINERALIZATION, TYPE, AGE RELATIONS
0	21.34	O/B								Casing pulled.	
21.34	26.40	Shale (Graphite Schist)	black	fine	schistose layered	wk SiO_2	Nil	numerous fractures & shearing		PERMIAN - CACHE CREEK GP.	
										-Intensely fractured, sheared broken ground, 0.90° to C.A., main to fabric @ 40° to C.A.	
										-Preserved bedding @ 40° to C.A. with thin colour laminations of grey to black layering.	
										-Some thicker beds of black carbonaceous (graphitic - conductive) with medium grey (non conductive) layers.	
										-Some white SiO_2 healed fractures.	
										-Minor to trace white carbonate.	
										-Trace pyrite.	
										-Lower contact broken.	
										-Graphitic slips in medium grey bands.	
26.40	37.60	Ultra Mafic	dk. green	fine	massive	talc, CO_2 serpentine	Nil	intensely shattered		PERMIAN - CACHE CREEK GP.	
										-Intensely fractured & sheared with "serpentine" (light vibrant green) slips and thin seams.	
										-Weakly magnetic (0.2 c.g.s) on the borders with a core of slightly higher magnetism (4.4 c.g.s)	
										-Steel grey disseminated magnetite.	
										-Occasional dark black stringer of chlorite??	
										-Minor carbonate ± talc also developed along fractures and in sheared broken core.	
										-Upper and lower contacts are broken, sheared rock.	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. S-84-8

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE		STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
37.60	117.80	Shale	black	fine to	schistose	Nil	Nil	sheared		Upper contact sheared, contains grey-greenish what appears	
		(Graphite	with	lapilli	to layered			& strongly		to be smeared and sheared ultrmafic material with carbon-	
		Schist)	medium					fractured		aceous fragments and layers of sheared graphitic schist	
			grey							from 37.60-42.00.	
			bands								
										From 42.00-117.80 carbonaceous to strong graphitic schist.	
										Some coarse clastic material of lapilli well-rounded	
										siliceous material. Occasional pyrite rich lapilli sized	
										fragment at 44.70.	
										Stretched grey clasts or sheared layers, lensoidal in	
										shape at 53.60 m in a graphitic schist matrix.	
										Layering preserved as fine black to grey laminations at	
										40-45° to C.A. at 64.40 m.	
										A small disrupted quartzite unit with short graphitic	
										schist sections from 70.60 to 72.00 m.	
										Quartzite is dirty white with graphitic slips and seams.	
										The layer takes on a massive texture with some disrupted	
										and faulted off remnant layering at 71.65 m and at 71.93,	
										pale pinkish quartzite layers.	
										At 75.0 m fabric shearing @ 40° to C.A.	
										Minor grey layers that are either sheared or as disrupted	
										fragmented material in a graphitic schist matrix occasional	
										at 77.5 m	
										99.5 m UCT 40° to C.A. - 100.3 LCT sheared	
										at 20° to C.A.	
										102.76-103.10 fragmental @ 20° to C.A.	
										111.0-111.4	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO... S-84-8.....

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE		STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										At 108.2 m folded graphitic schist.	
										Lower contact from 117.3-117.8 is a conductive graphite	
										sticky mud.	
										Trace pyrite.	
117.80	122.70	Ultramafic	- as	previous	-					-As previous but exhibits more breakdown to softer clays	
										+ serpentine with very little competent rock.	
										-Shear fabric @ 40-50° to C.A. i.e. core breaks very easily	
										by hand at that orientation.	
										-Magnetic from 2.0-5.5 c.g.s. versus 0-0.2 for shale	
										section.	
										-Also weakly conductive.	
122.70	122.84	Shale	- as	previous	-						
		Graphite									
	E.O.H.	Schist									

SELCO EXPLORATION WESTERN CANADA

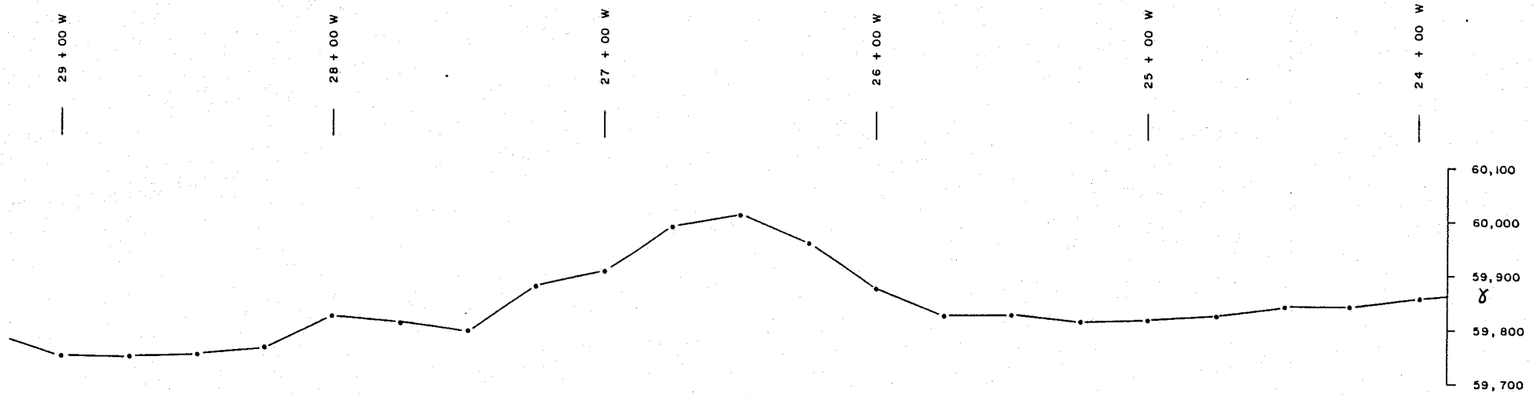
*SK-SKELETONIZED EVERY 0.5 M

DRILL LOG sample data

SAMPLE					CORE RECOVERY		VISUAL ESTIMATES (% ORE MINERALS)	ASSAY RESULTS
NUMBER	FROM	TO	TOTAL METRES	Sp. Gr	%	AMT. LOST		Au (ppb)
905127	29.31	36.20	6.89		*SK			< 5
905128	66.60	74.90	8.30		*SK			< 5

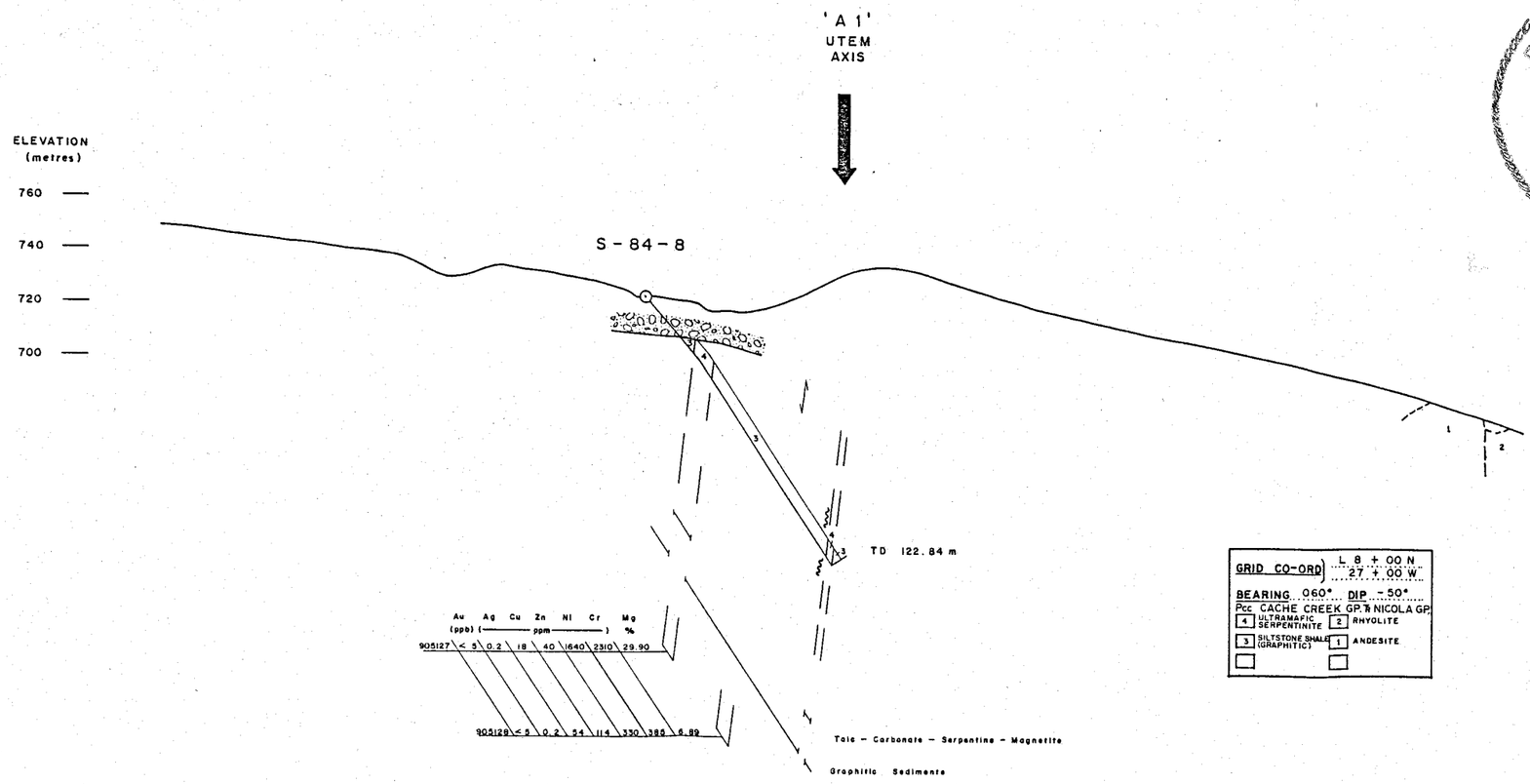
Sample Description	Mo ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)	P ppm (ICP)	Pb ppm (ICP)	Bi ppm (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Ni ppm (ICP)	Ba ppm (ICP)	Fe % (ICP)	Mn ppm (ICP)	Cr ppm (ICP)	Mg % (ICP)	V ppm (ICP)	Al % (ICP)	Be ppm (ICP)	Ca % (ICP)	Cu ppm (ICP)	Ag ppm AAS	Ti % (ICP)	Sr ppm (ICP)	Na % (ICP)	K % (ICP)
905127	<1	<10	40	40	<1	<2	<0.5	79	1640	30	4.51	575	2310	29.90	34	0.79	<0.5	0.65	18	<0.2	0.007	61	0.15	0.10
905128	3	<10	114	355	6	<2	<0.5	23	330	875	2.79	470	385	6.89	92	4.48	<0.5	1.45	54	<0.2	0.178	136	1.10	1.69

DRILL HOLE NO. S-84-8



MAGNETIC PROFILE

LINE 8 + 00 N



PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
REX PEGG

SELCO DIVISION -
BP RESOURCES CANADA LIMITED

SILICA PROJECT

REA GOLD OPTION ADD 7 CLAIM

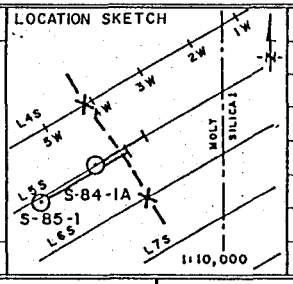
DDH SECTION S-84-8

SCALE 1:1000	DRAWN BY: D.GAMBLE	FIG. 5
DATE APRIL 1985	DRAFTED BY: E.B.W.	
N.T.S. 92 I /11 W	PROJ. 10111	REPORT

SELCO EXPLORATION WESTERN CANADA "SUMMARY"

DRILL LOG

HOLE NO. S-85-1

DRILLING CO.	LOCATION SKETCH	DEPTH	TESTS DIP ANGLE	AZIMUTH	DATE STARTED: April 12, 1985.	PROJECT: REA GOLD OPTION
IRON MOUNTAIN DRILLING LTD.		COLLAR	-55°	060°	DATE COMPLETED: April 25, 1985	N.T.S.: 92I/11W
		60.96 m	-56°		COLLAR ELEV.: 520 m as/	LOCATION: MOLY CLAIM
		121.92 m	-52°		NORTHING: 5,612, 360 m N	L 5+08 m S/5+75 m W
		182.88 m	-51°		EASTING: 617, 020 m E	
		243.84 m	-51°		AZIMUTH: 060°	
		304.80 m	-51°		DEPTH: 333.76 metres	DATE LOGGED: April 28, 1985.
HOLE TYPE					CORE SIZE: NQ	LOGGED BY: DAVE GAMBLE.

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE		STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
0	28.65	O/B								Casing left in hole.	
28.65	45.26	Rhyolite Tuff	grey	f.g.	tuff	sericite	Tr-2% py.				
45.26	45.57	Andesite Tuff	green	f.g.	tuff						
45.57	89.00	Rhyolite Tuff-BX	grey	f.-m.g.	tuff-bx.	sericite	Tr-15% py Tr-cpy				
89.00	91.44	Dacite Tuff	green	f.g.	tuff	carb.					
91.44	137.62	Rhyolite Tuff	grey	f.g.	tuff	sericite tourmaline					
137.62	138.99	Andesite Dyke	green	f.g.	intrusive	epidote					
138.99	180.14	Rhyolite Tuff-BX	grey	f.-m.g.	tuff-bx.	sericite tourmaline chlorite	Tr-2% py.				
180.14	181.36	Andesite Dyke	green	f.g.	intrusive						
181.36	195.68	Rhyolite Tuff	grey	f.g.	tuff	sericite	Tr-5% py.				
195.68	199.04	Andesite Tuff	green	f.g.	tuff	carb.					
199.04	242.78	Rhyolite Tuff-BX	grey	f.-m.g.	tuff-bx.	sericite					
242.78	248.42	Andesite Tuff	green	f.-m.g.	tuff-bx.						
248.42	263.96	Rhyolite Tuff	grey	f.g.	tuff	sericite					
263.96	264.26	Andesite Dyke	green	f.g.	intrusive	epidote					
264.26	265.79	Rhyolite BX.	grey	m.g.	breccia	sericite					
265.79	267.00	Andesite Dyke	green	f.g.	intrusive	epidote					
267.00	267.92	Rhyolite Tuff	grey	f.-m.g.	tuff	sericite					

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. S-85-1

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE		STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
267.92	271.58	Andesite Dyke	green	f.g.	intrusive	hematite					
271.58	275.24	Rhyolite Tuff	grey	f.g.	tuff	sericite					
275.24	275.85	Andesite Tuff	green	f.g.	tuff						
275.85	290.94	Rhyolite Flow	grey	f.g.	massive			fractured			
290.94	297.49	Andesite Dyke	green	f.g.	intrusive			broken			
297.49	298.71	Diorite	grey	m.g.	intrusive	epidote					
298.71	307.55	Andesite Dyke	green	f.g.	intrusive						
307.55	333.76	Diorite	grey/green	f.-m.g.	intrusive	epidote, SiO_2					
	E.O.H.										

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. S-85-1

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE		STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
0	28.65	O/B								Casing left in hole.	
28.65	45.26	Rhyolite Tuff									
		Sequence									
		28.65-35.05	grey	f.g.	tuff	sericite				- Pale green to bleached light grey silicified tuff or	
										fractured flow, aphanitic siliceous matrix with 1 mm	
										quartz "eyes".	
										- Cut by bull white irregular quartz veins and stringers	
										which make up to 40% of the interval 30.32 - 33.53 m.	
										- Fault with sericite gouge from 31.70 - 31.85 m.	
		35.05-43.13	green	f.g.	tuff	sericite chlorite	Tr py.			- Pale to medium green quartz eye siliceous tuff,	
										mm quartz "eyes".	
										- Foliation @ 55° T.C.A.	
										- Sericite along foliation.	
										- Patches and wisps of chlorite.	
										- Occasional 1-2 cm rhyolite fragment.	
		43.13 - 45.26	white	f.g.	tuff	sericite	2% py.			- U.Ct. @ 65° T.C.A.	
										- Pale grey to white sericite quartz tuff.	
										- L.Ct. @ 65° T.C.A.	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. S-85-1

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE		STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS: MINERALIZATION, TYPE, AGE RELATIONS
45.26	45.57	Andesite	green	f.g.	tuff	-				- Thin laminated colour banded tuffaceous layering @ 55° T.C.A.	
										- LCT sheared.	
45.57	89.00	Rhyolite Tuff-Breccia Sequence									
		45.57 - 46.94	pale green	f.g.	tuff	sericite				- Fault zone, some black clay gouge, quartz vein + chlorite 46.94 - 48.46 m.	
		48.46 - 67.06	medium green	f.-m.g.	tuff-breccia	sericite chlorite	Tr-15% py. locally			- Rhyolite to dacite compositional layering in areas of soft sericite + chlorite altering to siliceous layers with disseminated pyrite	
										49.99 - 50.29)	
										54.56 - 54.86) 15% pyrite	
										57.00 - 57.51)	
										- Fault 57.61 - 58.52 m	
										- Small crenulated fold @ 63.40 m	
		67.06 89.00	medium to pale green	f.g.	tuff	sericite	Tr-15% py. locally			- Internal contact sheared @ 55° T.C.A.	
										- 15% pyrite and trace chalcopyrite @ 69.50 - 70.10 m	
										77.12 - 77.27 m	
										79.86 - 80.16 m	
										- Fault zone @ 79.86 - 80.47	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. S-85-1

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE		STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS: MINERALIZATION, TYPE, AGE RELATIONS
89.00	91.44	Dacite Tuff	medium	f.g.	tuff	carb.				- Moderately siliceous, with white feldspar 1 mm chips.	
			green.			strgs.				- Minor white carbonate stringers.	
										- Foliation @ 45° T.C.A.	
										- Both upper and lower contact show a gradational colour	
										change from pale grey-green to medium green.	
										- Minor hematite lined fractures.	
91.44	137.62	Rhyolite Tuff	pale to	f.g.	tuff	sericite				- 1-2 mm quartz eyes.	
			medium			chlorite				- Dark green sections are chloritic.	
			green.							- Light green sections are sericitic.	
		118.87 - 120.70			tuff-						
					breccia						
		123.14 - 124.97	green	f.g.	tuff	chloritic				- Tourmaline + pyrite veinlet (3 cm) at 125.43 m.	
						tourmaline				- Foliation fabric varies from 35°-80° T.C.A. locally	
										with small scale crenulations, generally foliation	
										@ 50° T.C.A.	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. S-85-1

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE		STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS: MINERALIZATION, TYPE, AGE RELATIONS
137.62	138.99	Andesite Dyke	green	f.g.	intrusive	epidote				- Dark green f.g. chilled borders to medium green in the centre.	
										- Epidote altered feldspars.	
										- Hematite lined fractures.	
138.99	180.14	Rhyolite Tuff-Breccia Sequence									
		138.99 - 153.62	pale to medium grey-green.	f.g.	tuff	sericite chloritic tourmaline.				- Siliceous tuff. - Chloritic from 144.17 - 146.31 m. - Tourmaline veinlets @ 139.60 m, 142.65 m, 143.87 m. - Coarse breccia short interval at 146.61 m, 4 cm rhyolite fragments in green siliceous matrix. - Shear zones @ 140.51 m, 146.00 m. - Fault zone @ 153.32 - 153.62 m. - Foliation fabric @ 55° T.C.A.	
		153.62-156.97	grey	f.-m.g.	tuff-breccia.		2% py.			- Fault zone @ 155.15 - 156.97 m.	
		156.97-158.19	pale green	f.g.	tuff			broken			
		158.19-171.00	pale grey-green.	f.g.	tuff	chloritic tourmaline	Tr-py.			- Tourmaline + pyrite 3 cm veinlets @ 163.98 m, 164.29 m. - Fault @ 158.49 m.	
		171.00-180.14	grey white	f.g.	tuff	sericite tourmaline				- Fault contact @ 171.00 m. - 1 mm quartz eye.	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. S-85-1

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE		STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS: MINERALIZATION, TYPE, AGE RELATIONS
										Tourmaline veinlets @ 174.35 m,	
										174.65 m, 175.26 m.	
180.14	181.36	Andesite Dyke	green	f.g.	intrusive	SiO_2				- Fine grained chilled margins.	
										- Minor quartz stringers.	
										- U.Ct. broken.	
										- L.Ct. sharp @ 80° T.C.A.	
181.36	195.68	Rhyolite									
		Tuff-Breccia									
		Flow Sequence									
		181.36-186.24	grey	f.g.	tuff	sericite				- As previous.	
		186.24-189.59	grey	m.g.	tuff-	sericite	5% py.			- Tourmaline veinlet @ 188.27 m.	
					breccia	tourmaline					
		189.59-191.72	grey	f.g.	tuff	sericite					
		191.72-195-68	grey	f.g.	glassy	sericite				- Aphanitic quartz porphyritic fractured flow with	
			white		aphanitic	chlorite				chlorite and sericite lined fractures.	
					flow.					- Tourmaline veinlet @ 195.38 m.	
										Shearing @ 195.53 m and at U.Ct. @ 191.72 m and	
										L.Ct. @ 195.68 m.	
195.68	199.04	Andesite Tuff	green	f.g.	tuff	carb.				L.Ct. sheared @ 30° T.C.A.	
						strgs.					

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. S-85-1

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE		STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS: MINERALIZATION, TYPE, AGE RELATIONS
199.04	242.78	Rhyolite Flow									
		Tuff-Breccia									
		Sequence									
		199.04-213.28	white	f.g.	glassy	sericite		fractured		- Fractured flow, "crackle" flow breccia as previous	
					aphanitic	tourmaline				interval 191.72 - 195.68 m before andesite tuff.	
					flow.					- Tourmaline veinlets @ 199.95 m, 201.48 m.	
										- Quartz vein @ 200.26 m, 205.44 m.	
										- Fault @ 219.15 m.	
		213.67-214.28	grey-	f.g.	tuff	sericite					
			green.								
		214.28-224.03	grey-	f.g.	tuff	sericite				- Foliation 70° T.C.A. at 215.50 m.	
			white.			chlorite					
		224.03-235.61	grey-	m.g.	tuff-	sericite				- Medium - coarse grained tuff with 1-2 cm rhyolite	
			white.		breccia.					fragments.	
										- Foliation 60° T.C.A. at 228.60 m.	
		235.61-236.83	green	f.g.	tuff	chlorite				- Green chloritic andesite tuff interbedded with grey	
			to white.							white rhyolite tuff layers.	
		236.83-242.78	grey-	m.g.	tuff-	sericite				- Medium-coarse grained tuff as above.	
			white.		breccia.					- Fault zone 239.27 - 242.93 m, white clay gouge,	
										strong shearing.	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. S-85-1

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE		STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS: MINERALIZATION, TYPE, AGE RELATIONS
										L.Ct. faulted, black gouge 2 cm.	
242.78	248.42	Andesite Tuff	green	f.g.	sheared	chlorite				- Andesite tuff or sheared chloritized diorite/andesite	
		or								dyke.	
		Sheared Diorite								- Occasional white rhyolite fragment caught up in the	
										shearing.	
										- L.Ct. broken and sheared.	
248.42	263.96	Rhyolite Tuff	grey to	f.g.-	tuff	sericite		extremely		- Fault gouge at 252.07 m,	
			grey-	aphanitic		mottled		broken		253.60 m,	
			green.			patchy		and		260.61 - 261.52 m,	
						chlorite.		fractured.		263.66 m.	
263.96	264.26	Andesite Dyke	green	f.g.	intrusive	epidote					
						strgs.					
264.26	265.79	Rhyolite	grey-	m.g.	tuff-	sericite				- Rhyolite 0.5 - 2 cm aphanitic breccia fragments	
		Tuff-Breccia	green.		breccia					in rhyolite matrix.	
265.79	267.00	Andesite Dyke	green	f.g.	intrusive	epidote				- As previous.	
						strgs.				- U & L cts. broken.	
267.00	267.92	Rhyolite	grey-	m.g.	tuff-	sericite				- As previous.	
		Tuff-Breccia.	green.		breccia					- Fault @ 267.31 m, U & L cts. broken.	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. S-85-1

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE		STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS: MINERALIZATION, TYPE, AGE RELATIONS
267.92	271.58	Andesite Dyke	green	f.g.	intrusive	hematite		broken		Hematite lined fractures throughout L.Ct.	
										irregular @ 80° T.C.A.	
271.58	275.24	Rhyolite Tuff	grey-	f.g.	tuff					- Fractured aphanitic tuff.	
					to					- Quartz vein @ 272.19 m.	
					aphanitic						
275.24	275.85	Andesite Tuff	dark	f.g.	tuff					- Fine laminated colour banding from dark to medium	
			green.		layered					green, bedding @ 55° T.C.A.	
										- U.Ct. broken.	
										- L.Ct. @ 60° T.C.A.	
275.85	290.94	Rhyolite	grey-	f.g.	aphanitic			fractured		- Fine grained aphanitic fractured mottled bleached	
			green.					and		or silicified tuff. Similar to unit at 199.04 m.	
								broken.		- Occasional quartz vein at 277.68 m, 279.51 m,	
										280.72 m, 282.55, 285.30 m, 286.21 m, 287.43 m,	
										288.65 m.	
290.94	297.49	Andesite Dyke								- As previous.	
										- U.Ct. irregular @ 70° T.C.A.	
										- Quartz vein at 296.57.	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. S-85-1

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE		STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
297.49	298.71	Diorite	grey-	m.g.	intrusive	epidote				- Leucodiorite with sasseritized feldspars.	
			green.		massive						
298.71	307.55	Andesite Dyke	green	f.g.	intrusive			broken		- As previous.	
307.55	333.76	Diorite	grey-	m.g.	intrusive	epidote				- Sausseritized feldspar.	
	E.O.H.		green			SiO_2				- Epidote stringers.	
			to			veins				- Leucodiorite 307.55 - 315.47	
						and				- Mafic diorite 315.47 - 324.92.	
						stringers.				- Quartz vein bull white + carbonate	
										324.92 - 331.63 m.	
										- Fault 327.05 m.	

DRILL HOLE NO. _____

SELCO INC. EXPLORATION WESTERN CANADA

DRILL LOG

sample data

SAMPLE					CORE RECOVERY		VISUAL ESTIMATES (% ORE MINERALS)	ASSAY RESULTS						
NUMBER	FROM	TO	TOTAL METRES	Sp. Gr	%	AMT. LOST		Au ppb						
905130	28.65	35.05	6.40		*SK			20						
905131	35.05	44.00	8.95		"			<5						
905132	44.00	53.00	9.00		"			<5						
905133	53.00	63.00	10.00		"			<5						
905134	63.00	73.00	10.00		"			<5						
905135	73.00	81.00	8.00		"			<5						
905136	81.00	89.00	8.00		"			<5						
905137	92.00	102.00	10.00		"			<5						
905138	102.00	112.00	10.00		"			<5						
905139	112.00	122.00	10.00		"			<5						
905140	122.00	130.00	8.00		"			<5						
905141	130.00	137.62	7.62		"			<5						
905142	140.00	150.00	10.00		"			<5						
905143	150.00	160.00	10.00		"			<5						
905144	160.00	170.00	10.00		"			<5						
905145	170.00	180.14	10.14		"			<5						
905146	180.14	188.60	8.46		"			<5						
905147	188.60	195.68	7.08		"			<5						
905148	195.68	199.04	3.36		"			<5						
905149	199.04	210.00	10.96		"			<5						
905150	210.00	220.00	10.00		"			<5						
905151	220.00	230.00	10.00		"			<5						
905152	230.00	242.80	12.80		"			<5						
905153	242.80	248.30	5.50		"			<5						
905154	248.30	258.47	10.17		"			<5						
905159	258.47	263.69	5.22		"			<5						

DRILL HOLE NO. S-85-1

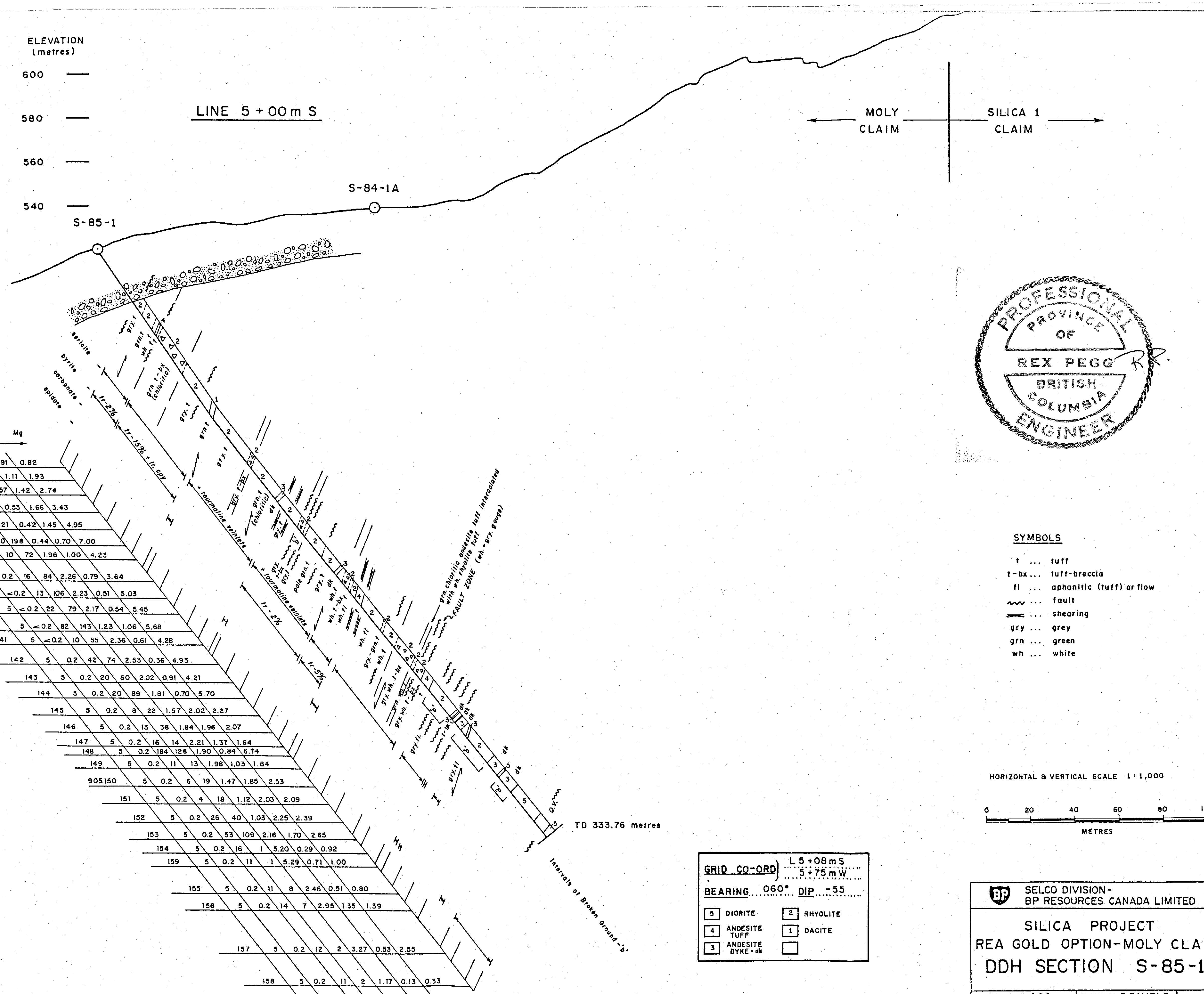
SELCO INC. EXPLORATION WESTERN CANADA

DRILL LOG — sample data

SAMPLE NUMBER	FROM	TO	TOTAL METRES	Sp. Gr	CORE RECOVERY %	CORE RECOVERY AMT. LOST	VISUAL ESTIMATES (% ORE MINERALS)	ASSAY RESULTS Au ppb
905155	271.58	281.00	9.42		"			25
905156	281.00	290.94	9.94		"			20
905157	307.80	314.86	7.06		"			<5
905158	325.00	331.63	6.63		"			<5

Sample description	Mo ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)	P ppm (ICP)	Pb ppm (ICP)	Bi ppm (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Ni ppm (ICP)	Sb ppm (ICP)	Fe % (ICP)	Mn ppm (ICP)	Cr ppm (ICP)	Mg % (ICP)	V ppm (ICP)	Al % (ICP)	Be ppm (ICP)	Ca % (ICP)	Cu ppm (ICP)	Ag ppm AAS	Ti % (ICP)	Sr ppm (ICP)	Na % (ICP)	K % (ICP)
848554390513O	1	<10	125	45	8	<2	<0.5	2	<1	110	3.86	275	140	0.82	<1	5.94	<0.5	0.63	13	<0.2	0.062	25	2.67	0.91
848554390513I	1	<10	60	55	6	<2	<0.5	3	<1	170	1.93	510	82	0.93	<1	6.76	<0.5	0.48	12	<0.2	0.080	38	2.50	1.11
848554390513Z	13	<10	26	155	8	<2	<0.5	11	3	180	2.81	300	73	0.74	28	5.95	<0.5	0.56	26	<0.2	0.136	20	1.57	1.42
848554390513J	2	<10	55	155	4	<2	<0.5	6	3	245	3.58	525	76	0.43	33	6.29	<0.5	0.39	250	<0.2	0.130	25	0.53	1.66
848554390513K	7	<10	121	190	4	<2	<0.5	10	6	225	4.63	1000	59	0.95	42	6.88	<0.5	0.51	810	<0.2	0.147	32	0.42	1.45
848554390513L	2	<10	198	215	4	<2	<0.5	10	7	155	5.49	1540	49	1.00	67	7.34	<0.5	0.40	640	<0.2	0.176	14	0.44	0.70
848554390513M	1	<10	72	225	2	<2	<0.5	7	5	140	2.65	765	51	0.23	61	7.46	<0.5	0.32	10	<0.2	0.181	37	1.96	1.00
848554390513N	1	<10	84	205	6	<2	<0.5	7	5	100	2.48	830	60	0.64	57	7.19	<0.5	0.28	16	<0.2	0.173	33	0.26	0.79
848554390513O	1	<10	106	280	2	<2	<0.5	11	6	275	3.25	1030	51	0.03	83	7.52	<0.5	0.44	13	<0.2	0.185	26	0.23	0.51
848554390513P	1	<10	79	275	4	<2	<0.5	22	7	75	4.00	820	54	5.45	85	7.91	<0.5	0.36	22	<0.2	0.196	23	2.17	0.54
848554390513Q	1	<10	143	270	2	<2	<0.5	9	7	200	2.70	1150	42	5.68	70	7.33	<0.5	0.36	82	<0.2	0.182	22	1.23	1.06
848554390513R	1	<10	55	240	2	<2	<0.5	6	5	85	2.73	690	39	4.28	60	7.43	<0.5	0.37	10	<0.2	0.187	20	2.36	0.61
848554390513S	1	<10	74	305	1	<2	<0.5	12	8	75	2.74	775	53	4.93	98	8.15	<0.5	0.74	42	<0.2	0.206	53	2.53	0.36
848554390513T	1	<10	60	215	4	<2	<0.5	9	7	140	2.84	570	57	4.21	69	7.12	<0.5	0.46	20	<0.2	0.164	37	2.02	0.91
848554390513U	1	<10	89	240	4	<2	<0.5	17	8	125	3.73	750	52	5.70	80	7.62	<0.5	0.49	20	<0.2	0.176	26	1.81	0.70
848554390513V	<1	<10	22	210	4	<2	<0.5	3	<1	265	1.06	205	91	2.27	15	7.03	<0.5	0.27	8	<0.2	0.115	30	1.57	2.02
848554390513W	2	<10	36	200	4	<2	<0.5	3	<1	260	1.74	200	91	2.07	13	7.19	<0.5	0.31	13	<0.2	0.092	42	1.84	1.96
848554390513X	10	<10	14	190	4	<2	<0.5	8	1	140	1.05	137	125	1.64	5	6.54	<0.5	0.53	16	<0.2	0.093	36	2.21	1.37
848554390513Y	1	<10	126	155	1	<2	<0.5	31	54	90	5.83	1000	220	4.74	240	9.47	<0.5	1.43	184	<0.2	0.380	35	1.90	0.84
848554390513Z	1	<10	13	165	4	<2	<0.5	3	1	150	0.98	161	120	1.64	10	5.60	<0.5	0.95	11	<0.2	0.084	52	1.98	1.03
848554390515O	1	<10	19	235	2	<2	<0.5	3	<1	310	1.55	191	82	2.53	39	7.09	<0.5	0.69	6	<0.2	0.136	39	1.47	1.85
848554390515I	<1	<10	18	205	2	<2	<0.5	2	<1	220	1.42	161	92	2.09	8	6.62	<0.5	0.54	4	<0.2	0.101	34	1.12	2.03
848554390515Z	<1	<10	40	180	2	<2	<0.5	6	3	260	1.96	275	95	2.39	31	7.26	<0.5	1.45	26	<0.2	0.125	54	1.03	2.25
848554390515J	<1	<10	109	210	4	<2	<0.5	12	7	280	3.99	755	58	2.65	108	7.46	<0.5	2.11	53	<0.2	0.292	94	2.16	1.70
848554390515K	<1	<10	<1	330	2	<2	<0.5	1	<1	30	1.85	132	56	0.92	5	7.30	<0.5	0.79	167	<0.2	0.231	54	5.20	0.29
848554390515S	<1	<10	8	240	4	<2	<0.5	1	2	90	1.27	235	80	0.80	10	5.25	<0.5	1.98	11	<0.2	0.151	50	2.46	0.51
848554390515L	<1	<10	7	285	4	<2	<0.5	2	1	215	1.50	290	65	1.39	21	7.14	<0.5	2.27	14	<0.2	0.243	60	2.95	1.35
848554390515Z	<1	<10	2	65	2	<2	<0.5	3	5	65	1.96	400	88	2.55	82	8.03	<0.5	4.15	12	<0.2	0.321	145	3.27	0.53
848554390515R	<1	<10	2	45	8	<2	<0.5	2	2	2380	0.56	1400	34	0.33	11	1.30	<0.5	27.30	11	<0.2	0.035	420	1.17	0.13
848554390515Y	<1	<10	1	375	2	<2	<0.5	1	<1	160	1.57	200	76	1.00	9	7.29	<0.5	1.16	11	<0.2	0.232	63	5.29	0.71
RE848554390513O	<1	<10	86	30	6	<2	<0.5	2	<1	105	0.84	275	135	0.80	<1	5.70	<0.5	0.62	12	<0.2	0.049	25	2.56	0.87
STD-01	7	<10	164	515	46	<2	<0.5	11	36	590	4.07	915	145	1.31	90	7.67	<0.5	1.62	215	1.2	0.358	130	1.94	2.06

DRILL HOLE NO. S-85-1



Sample	Au ppb	Ag ppm	Cu ppm	Zn ppm	Na %	K %	Mg %
905130	20	<0.2	13	125	2.67	0.91	0.82
131	5	<0.2	12	60	2.50	1.11	1.93
132	5	<0.2	26	26	1.57	1.42	2.74
133	5	<0.2	250	55	0.53	1.66	3.43
134	5	<0.2	810	121	0.42	1.45	4.95
135	5	<0.2	640	198	0.44	0.70	7.00
136	5	<0.2	10	72	1.96	1.00	4.23
137	5	< 0.2	16	84	2.26	0.79	3.64
138	5	<0.2	13	106	2.23	0.51	5.03
139	5	< 0.2	22	79	2.17	0.54	5.45
905140	5	< 0.2	82	143	1.23	1.06	5.68
141	5	<0.2	10	55	2.36	0.61	4.28
142	5	0.2	42	74	2.53	0.36	4.93
143	5	0.2	20	60	2.02	0.91	4.21
144	5	0.2	20	89	1.81	0.70	5.70
145	5	0.2	8	22	1.57	2.02	2.27
146	5	0.2	13	36	1.84	1.96	2.07
147	5	0.2	16	14	2.21	1.37	1.64
148	5	0.2	184	126	1.90	0.84	6.74
149	5	0.2	11	13	1.98	1.03	1.64
905150	5	0.2	6	19	1.47	1.85	2.53
151	5	0.2	4	18	1.12	2.03	2.09
152	5	0.2	26	40	1.03	2.25	2.39
153	5	0.2	53	109	2.16	1.70	2.65
154	5	0.2	16	1	5.20	0.29	0.92
159	5	0.2	11	1	5.29	0.71	1.00
155	5	0.2	11	8	2.46	0.51	0.80
156	5	0.2	14	7	2.95	1.35	1.39
157	5	0.2	12	2	3.27	0.53	2.55
158	5	0.2	11	2	1.17	0.13	0.33

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
REX PEGG

SYMBOLS

- t ... tuff
- t-bx ... tuff-breccia
- fl ... aphanitic (tuff) or flow
- ~~~ ... fault
- ═ ... shearing
- gry ... grey
- grn ... green
- wh ... white

HORIZONTAL & VERTICAL SCALE 1 : 1,000

0 20 40 60 80 100
METRES

GRID CO-ORD L 5+08 m S / 5+75 m W
BEARING 060° DIP -55

5	DIORITE	2	RHYOLITE
4	ANDESITE TUFF	1	DACITE
3	ANDESITE DYKE - dk		

SELCO DIVISION - BP RESOURCES CANADA LIMITED

SILICA PROJECT
REA GOLD OPTION - MOLY CLAIM
DDH SECTION S-85-1

SCALE 1 : 1,000	DRAWN BY: D.GAMBLE	FIG. 6	
DATE JULY 1985	DRAFTED BY: L.G.		
N.T.S. 92 I / 11 W	PROJ. 10111	REPORT	

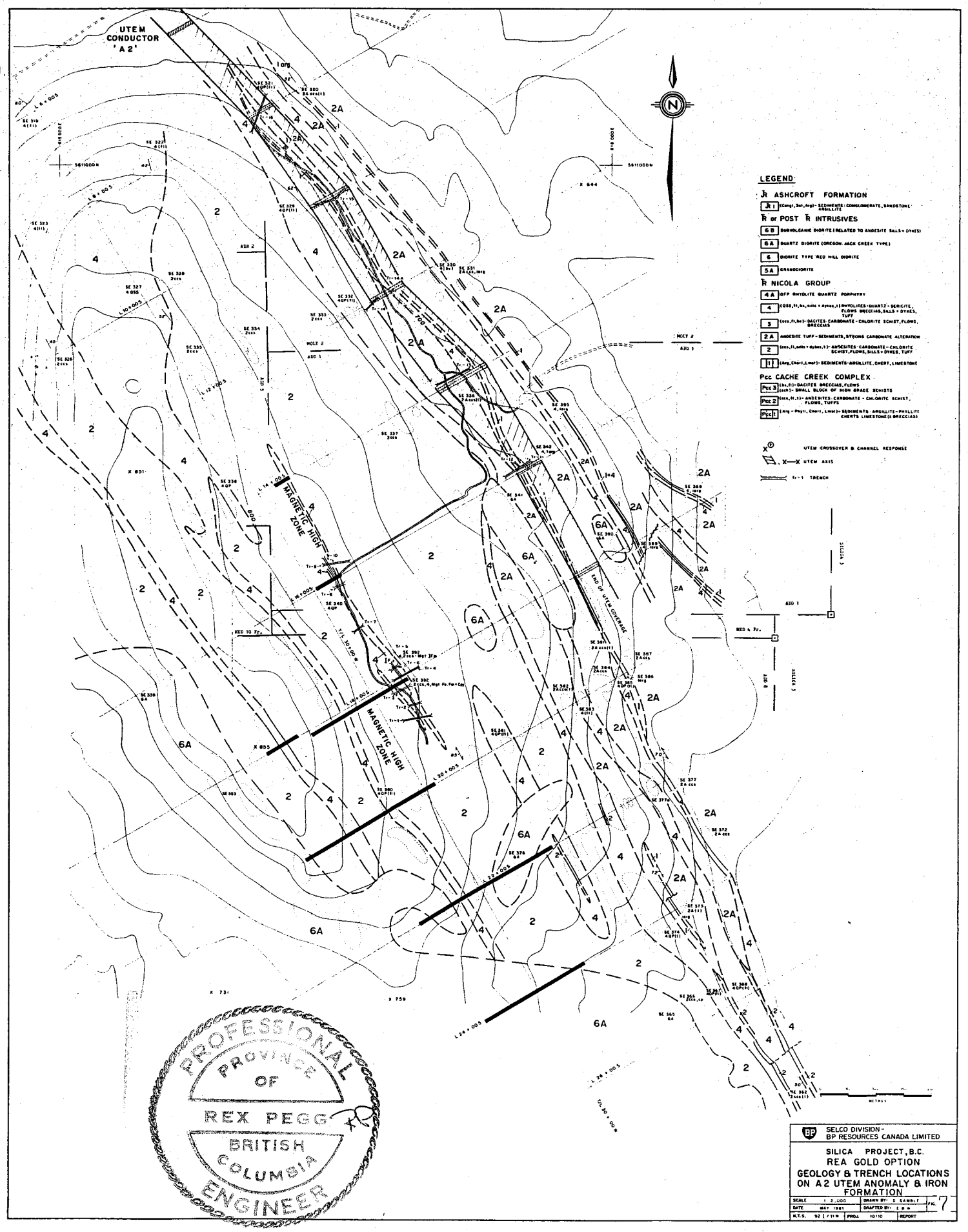
S-84-8 Was drilled in a conductive argillite sequence that is cut by ultra-mafic lenses.

S-85-1 Was drilled in a rhyolite tuff to breccia sequence with minor intercalated andesite tuff bands and small andesite dykes. The lower part of the hole intersected diorite in contact with the volcanic assemblage. The conductive source is clay gouge filling a major fault and shear zone.

All three holes were selectively check assayed with generally low insignificant values returned for gold-silver-copper-zinc.

TRENCHING PROGRAM

A trenching program was conducted on the Silica Project claims in May, 1985. Approximately 1.5 kilometres of 'cat' road was prepared to each trench site. A J.D. 690 hydraulic backhoe was used to cut 16 trenches totalling 616 metres. A diesel powered 150 C.F.M. air compressor was utilized to air clean the exposed bedrock in each trench. The purpose of the trenching program was to investigate the source of a U.T.E.M. conductor and also to sample a near surface magnetite iron formation containing minor sulphides, See Figure 7, Trench Location Map.


UTEM CONDUCTOR 'A2'
MAGNETIC HIGH ZONE
MAGNETIC HIGH ZONE
END OF UTEM COVERAGE
LEGEND:
JR ASHCROFT FORMATION
JR 1 (Congl, Sor, Arg)- SEDIMENTS: CONGLOMERATE, SANDSTONE, ARGILLITE
TR or POST TR INTRUSIVES
6B BASIC VOLCANIC DIORITE (RELATED TO ANDESITE SILLS + DYKES)
6A QUARTZ DIORITE (OREGON CREEK TYPE)
6 DIORITE TYPE 'RED HILL DIORITE
5A GRANODIORITE
TR NICOLA GROUP
4A QFP RHYOLITE QUARTZ PORPHYRY
4 (Rhyolite, ft, ba, andes + dykes, t) RHYOLITES - QUARTZ - SERICITE, FLOWS BRECCIAS, SILLS + DYKES, TUFF
3 (Dacites, ft, ba) - DACITES: CARBONATE - CHLORITE SCHIST, FLOWS, BRECCIAS
2A ANDESITE TUFF - SEDIMENTS, BYSONS CARBONATE ALTERATION
2 (Andesites, ft, andes + dykes, t) - ANDESITES: CARBONATE - CHLORITE SCHIST, FLOWS, SILLS + DYKES, TUFF
1 (Arg, Chert, Limest) - SEDIMENTS: ARGILLITE, CHERT, LIMESTONE
Pcc CACHE CREEK COMPLEX
Pcc 3 (Ba, ft) - DACITES BRECCIAS, FLOWS (Sch) - SMALL BLOCK OF HIGH GRADE SCHISTS
Pcc 2 (Andesites, ft, t) - ANDESITES: CARBONATE - CHLORITE SCHIST, FLOWS, TUFFS
Pcc 1 (Arg - Phyll, Chert, Limest) - SEDIMENTS: ARGILLITE - PHYLLITE CHERTS LIMESTONE (S BRECCIAS)
UTEM CROSSOVER & CHANNEL RESPONSE
UTEM AXIS
TRENCH
PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
REX PEGG
SELCO DIVISION - BP RESOURCES CANADA LIMITED
SILICA PROJECT, B.C.
REA GOLD OPTION
GEOLOGY & TRENCH LOCATIONS ON A2 UTEM ANOMALY & IRON FORMATION
SCALE 1:2,000
DRAWN BY: D. GAMBLE
DATE MAY 1981
DRAFTED BY: S. B.
N.T.S. 92 I/11 E
PROJ. 10110
REPORT
FIG. 7

The results from the trenching are shown on detailed trench plans Figures 8-19. The source of the UTEM anomaly was conductive argillaceous sediments. The iron formation yielded some spotty anomalous copper values, but over narrow widths with limited strike length. Low insignificant values were returned for gold and silver.

The trenching results are tabulated as follows:

TRENCH NUMBER	GRID COORDINATES	LENGTH OF TRENCH	LENGTH OF EXPOSED BEDROCK
1	L18+75MS 29+50MW	50 metres	48 metres
2	L18+50MS 29+50MW	22 metres	21 metres
3	L18+25MS 29+50MW	26 metres	16 metres
4	L18+00MS 29+50MW	50 metres	46 metres
5	L18+00MS 29+50MW	29 metres	28 metres
6	L18+00MS 29+50MW	14 metres	12 metres
7	L17+00MS 29+50MW	22 metres	21 metres
8	L16+20MS 29+50MW	18 metres	17 metres
9	L16+00MS 29+50MW	46 metres	45 metres

TRENCH NUMBER	GRID COORDINATES	LENGTH OF TRENCH	LENGTH OF EXPOSED BEDROCK
10	L16+00MS 29+50MW	43 metres	43 metres
11	L16+00MS 25+50MW	48 metres	38 metres
12	L16+00MS 25+50MW	12 metres	12 metres
13	L14+00MS 25+50MW	65 metres	46 metres
14	L12+00MS 26+50MW	32 metres	19 metres
15	L10+00MS 26+50MW	63 metres	56 metres
16	L8+00MS 26+50MW	76 metres	65 metres
		616 metres	533 metres

CONCLUSIONS

The drilling program successfully determined the source of the UTEM geophysical targets as conductive clays in fault/shear zones in DDH's S-84-7 and S-85-1. Conductive argillite was responsbile for the UTEM anomaly in DDH S-84-8.

Trenches #11-16 exposed a conductive argillite horizon as the source of the UTEM conductor.

Trenches #1-10 exposed a thin sinuous magnetite iron formation with spotty high copper values with generally low insignificant gold and silver.

No further work is recommended for these areas on the Silica Project.

APPENDIX 1

Notices to Group

Statements of Exploration and Development

Cost Statements

Province of British Columbia
Ministry of Energy, Mines and Petroleum Resources
MINERAL RESOURCES BRANCH–TITLES DIVISION

GOLD COMMISSIONER
230912E
JUL 15 1985
20.00
KAMLOOPS
BRITISH COLUMBIA

MINERAL ACT

FORM I

NOTICE TO GROUP

Mining Division KAMLOOPS Location CACHE CREEK, B.C.

Name of group SILICA 1 Map No. 92I/11W

We, the undersigned owners* of the following adjoining claims, desire to group them according to the provisions of the *Mineral Act*:–

NAME OF CLAIM	No. of Units	Record No.	Month of Record	SIGNATURE OF OWNER*	Free Miner Certificate No.
ADD 1	2	2323	12		249852
ADD IV	4	2893	8		249852
ADD V	2	2894	8		249852
ADD VI	4	2895	8		249852
ADD 7	5	3732	7		249852
ADD 8	12	3769	8		249852
OREGON 1	18	4599	7		249852
OREGON 2	20	4600	7		249852
SILICA 11	16	5784	7		249852
RED 3 FR	1	5811	8		249852
RED 4 FR	1	5812	8		249852
RED 5 FR	1	5813	8		249852
RED 6 FR	1	5814	8		249852
RED 7 FR	1	5815	8		249852
RED 8 FR	1	5816	8		249852
RED 9 FR	1	5817	8		249852
RED 10 FR	1	5919	10		249852
SILICA 12	9	6098	3		249852
				AGENT FOR:	
				B.P RESOURCES CANADA LTD	
					268709
				GUICHON EXPLORCO. LTD	
					268712
				REA GOLD CORPORATION	
					275048

* May be signed by agent on behalf of owner.

Province of British Columbia
Ministry of Energy, Mines and Petroleum Resources
MINERAL RESOURCES BRANCH–TITLES DIVISION

GOLD COMMISSIONER
23912E
JUL 15 1985
20.00
KAMLOOPS
BRITISH COLUMBIA

MINERAL ACT

FORM I

NOTICE TO GROUP

Mining Division KAMLOOPS Location CACHE CREEK, B.C.

Name of group SILICA 2 Map No. 92I/11W

We, the undersigned owners* of the following adjoining claims, desire to group them according to the provisions of the *Mineral Act*:–

NAME OF CLAIM	No. of Units	Record No.	Month of Record	SIGNATURE OF OWNER*	Free Miner Certificate No.
MOLY	9	1730	3		249852
MOLY 2	6	1858	5		249852
ADD 2	4	2324	12		249852
ADD 3	1	2325	12		249852
SILICA 1	12	2365	1		249852
SILICA 2	15	2366	1		249852
SILICA 3	10	2367	1		249852
SILICA 4	6	2368	1		249852
SILICA 5 FR	1	2369	1		249852
ADD FR	1	2828	7		249852
SILICA 7	20	4407	4		249852
CHEETSUM 1	9	4596	7		249852
RED 1 FR	1	5809	8		249852
RED 2 FR	1	5810	8		249852
				AGENT FOR:	
				B.P. RESOURCES CANADA LTD.	
					268709
				GLUCHON EXPLOR CO. LTD.	
					268712
				REA GOLD CORPORATION	
					275048

* May be signed by agent on behalf of owner.

GOLD COMMISSIONER

Province of British Columbia Ministry of Energy, Mines and Petroleum Resources
MINERAL RESOURCES DIVISION – TITLES BRANCH

230913E
JUL 15 1985
$2570.00

MINERAL ACT

STATEMENT OF EXPLORATION AND DEVELOPMENT

I, A.P. DAVID GAMBLE (Name)
7182 BLACKWELL ROAD, (Address)
KAMLOOPS, B.C.
V2C 2J3 (Postal Code) 573-3408 (Telephone Number)

Valid subsisting F.M.C. No. 249852

Agent for BP RESOURCES CANADA LTD., GUICHON EXPLORCO LTD., REA GOLD (Name) CORPORATION
700-890 WEST PENDER ST., (Address)
VANCOUVER, B.C.
V6C 1K5 (Postal Code) 6828345 (Telephone Number)

Valid subsisting F.M.C. No. 268709 - BP's
268712 - GUICHON'S
275048 - REA GOLD'S

STATE THAT

1. I have done, or caused to be done, work on the ADD 7, ADD 8, ADD 1, ADD V, RED 10 FR. Claim(s)
Record No.(s) 3732, 3769, 2323, 2894, 5919
Situate at CACHE CREEK in the KAMLOOPS Mining Division,
to the value of at least $26,866.12 dollars. Work was done from the 15th day
of SEPTEMBER 19 84 to the 14th day of MAY 19 85

2. The following work was done in the 12 months in which such work is required to be done: YES

(COMPLETE APPROPRIATE SECTION(S) A, B, C, D, FOLLOWING)

A. PHYSICAL (Trenches, open cuts, adits, pits, shafts, reclamation, and construction of roads and trails)

(Give details as required by section 13 of regulations.)

	COST
ROAD CONSTRUCTION & 485 metres TRENCHING	4269.70
TOTAL PHYSICAL	4269.70

I wish to apply $ 4200.00 of physical work to the claims listed below.

(State number of years to be applied to each claim, its month of record, and identify each claim by name and record no.)

2 years DECEMBER ADD 1 2323
1 year AUGUST ADD 8 3769
1 year JULY ADD 7 3732

B. PROSPECTING (Details in report submitted as per section 9 of regulations.)
(The itemized cost statement must be part of the report.)

COST

I wish to apply $ ..... of this prospecting work to the claims listed below.

(State number of years to be applied to each claim, its month of record, and identify each claim by name and record no.)

(For C and D sections, please turn over.)

C. DRILLING (Details in report submitted as per section 8 of regulations.) (The itemized cost statement must be part of the report.)	COST
	$22,596.42
D. GEOLOGICAL, GEOPHYSICAL, GEOCHEMICAL (Details in report submitted as per section 5, 6, or 7 of regulations.) (The itemized cost statement must be part of the report.) (State type of work in space below.)	
TOTAL OF C AND D	

Who was the operator (provided the financing)?

Name • BP RESOURCES CANADA LTD.

Address 700 - 890 WEST PENDER ST.,
VANCOUVER, B.C. V6C 1K5

Portable Assessment Credits (PAC) Withdrawal Request	AMOUNT
Amount to be withdrawn from owner(s) or operator(s) account(s):	
Name of Owner	
(May be no more than 30 per cent of value of the approved work submitted as assessment work in C and (or) D.) 1.	
2.	
3.	
4.	
TOTAL WITHDRAWAL	
TOTAL OF C AND (OR) D PLUS PAC WITHDRAWAL	

I wish to apply $ 22,200.00 of this work to the claims listed below.

(State number of years to be applied to each claim, its month of record, and identify each claim by name and record no.)

2 years AUGUST ADD IV 2893	2 years AUGUST RED 4 FR 5812
2 " AUGUST ADD V 2894	5 " AUGUST RED 5 FR 5813
2 " AUGUST ADD VI 2895	5 " AUGUST RED 6 FR 5814
1 " JULY ADD 7 3732	5 " AUGUST RED 7 FR 5815
1 " AUGUST ADD 8 3769	5 " AUGUST RED 8 FR 5816
4 " JULY SILICA 11 5784	5 " AUGUST RED 9 FR 5817
2 " AUGUST RED 3 FR. 5811	2 " OCTOBER RED 10 FR 5919
	3 " MARCH SILICA 12 6098

Value of work to be credited to portable assessment credit (PAC) account(s).

(May only be credited from the approved value of C and (or) D not applied to claims.)

	Name	AMOUNT
In owner(s) name.	1.	
	2.	
	3.	
In operator(s) name (party providing the financing).	1. B.P. RESOURCES CANADA LTD.	396.42
	2.	
	3.	

(Signature of Applicant)

GOLD COMMISSIONER

Province of British Columbia Ministry of Energy, Mines and Petroleum Resources
MINERAL RESOURCES DIVISION – TITLES BRANCH

JUL 15 1985

MINERAL ACT

STATEMENT OF EXPLORATION AND DEVELOPMENT

I, A.P. DAVID GAMBLE (Name)
7182 BLACKWELL ROAD (Address)
KAMLOOPS, B.C.
V2C 2T3 (Postal Code) 573-3408 (Telephone Number)

Valid subsisting F.M.C. No. 249852

Agent for BP RESOURCES CANADA LTD.
GUICHON EXPLORCO LTD
REA GOLD (Name) CORPORATION
700 - 890 WEST PENDER ST., (Address)
VANCOUVER, B.C.
V6C 1K5 (Postal Code) 682-8345 (Telephone Number)
268709 – BP's
268712 – GUICHON'S
275048 – REAGOLD

Valid subsisting F.M.C. No.

STATE THAT

1. I have done, or caused to be done, work on the MOLY Claim(s)
Record No.(s) 1730
Situate at CACHE CREEK in the KAMLOOPS Mining Division,
to the value of at least $25,151.68 dollars. Work was done from the 11th day
of APRIL 19 85, to the 26th day of APRIL 19 85

2. The following work was done in the 12 months in which such work is required to be done: YES

(COMPLETE APPROPRIATE SECTION(S) A, B, C, D, FOLLOWING)

A. PHYSICAL (Trenches, open cuts, adits, pits, shafts, reclamation, and construction of roads and trails)
(Give details as required by section 13 of regulations.)

	COST
TOTAL PHYSICAL	

I wish to apply $ ..... of physical work to the claims listed below.

(State number of years to be applied to each claim, its month of record, and identify each claim by name and record no.)

B. PROSPECTING (Details in report submitted as per section 9 of regulations.)
(The itemized cost statement must be part of the report.)

COST

I wish to apply $ ..... of this prospecting work to the claims listed below.

(State number of years to be applied to each claim, its month of record, and identify each claim by name and record no.)

(For C and D sections, please turn over.)

C. DRILLING (Details in report submitted as per section 8 of regulations.) (The itemized cost statement must be part of the report.)	COST
	$25,151.68

D. GEOLOGICAL, GEOPHYSICAL, GEOCHEMICAL (Details in report submitted as per section 5, 6, or 7 of regulations.) (The itemized cost statement must be part of the report.) (State type of work in space below.)	
TOTAL OF C AND D	

Who was the operator (provided the financing)?

Name B.P. RESOURCES CANADA LTD.

Address 700 - 890 WEST PENDER ST.,
VANCOUVER, B.C. V6C 1K5

Portable Assessment Credits (PAC) Withdrawal Request	AMOUNT
Amount to be withdrawn from owner(s) or operator(s) account(s):	
Name of Owner	
(May be no more than 30 per cent of value of the approved work submitted as assessment work in C and (or) D.) 1.	
2.	
3.	
4.	
TOTAL WITHDRAWAL	
TOTAL OF C AND (OR) D PLUS PAC WITHDRAWAL	

I wish to apply $ 25,000.00 of this work to the claims listed below.

(State number of years to be applied to each claim, its month of record, and identify each claim by name and record no.)

2 years MARCH MOLY 1730	2 years JANUARY SILICA 4 2368
2 " MAY MOLY 2 1858	2 " JULY ADD FR 2828
2 " DECEMBER ADD 2 2324	2 " JULY CHEETSUM 1 4596
2 " DECEMBER ADD 3 2325	4 " AUGUST RED 1 FR. 5809
2 " JANUARY SILICA 1 2365	2 " AUGUST RED 2 FR. 5810
2 " JANUARY SILICA 2 2366	

Value of work to be credited to portable assessment credit (PAC) account(s).

(May only be credited from the approved value of C and (or) D not applied to claims.)

	Name	AMOUNT
In owner(s) name.	1.	
	2.	
	3.	
In operator(s) name (party providing the financing).	1. B.P. RESOURCES CANADA LTD	$151.68
	2.	
	3.	

A. D. Lumbers
(Signature of Applicant)

COST STATEMENT 1

SILICA 1 GROUP
WORK PERFORMED: ADD 7 CLAIM

1.	DRILLING - (Sept. 15-19, 1984)	
	S-84-7 - 596'	$ 10,985.00
	S-84-8 - 403'	7,444.00
2.	DRILL ASSAYS	
	13 samples re Chemex Invoice	257.42
3.	TRANSPORTATION	
	1 Week lease 1/4 x 400	100.00
	7 days operation @ $25/day	175.00
4.	FOOD AND ACCOMMODATION	
	Food - 7 days @ $22.50/day	157.50
	Accommodation - 1 week @ $ 155/week	155.00
5.	SUPERVISION	
	Drill - 7 days @ $200/day	1,400.00
	Logging & sampling - 3 days @ $200/day	600.00
6.	REPORT WRITING, DRAFTING, REPRODUCTION, FREIGHT	
	Drafting - 4 days @ $200/day	800.00
	Report - 2 days @ $200/day	400.00
	Reproduction -	95.00
	Freight - samples,	15.00
	- courier	12.50
		$ 22,596.42

Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 Brooksbank Ave.
North Vancouver, B.C.
Canada V7J 2C1
Telephone:(604) 984-0221
Telex: 043-52597

*** INVOICE ***

NOV 1 - 1984
SELCO-EP RESOURCES
VANCOUVER, B.C.

: SELCO MINING CORPORATION LTD

700 - 890 W. PENDER ST.
VANCOUVER, B.C.
V6C 1K5

Invoice # : I8417296

Date : 31-OCT-84
P.O. # : NONE
Project 10110

voice for analytical work reported on certificate(s) A8417296-001 to -004

antity	Analysed for code	description		unit price	amount
124	554	Mo ppm	(ICP)		
	556	W ppm	(ICP)		
	558	Zn ppm	(ICP)		
	559	P ppm	(ICP)		
	560	Pb ppm	(ICP)		
	561	Bi ppm	(ICP)		
	562	Cd ppm	(ICP)		
	563	Co ppm	(ICP)		
	564	Ni ppm	(ICP)		
	565	Ba ppm	(ICP)		
	566	Fe %	(ICP)		
	568	Mn ppm	(ICP)		
	569	Cr ppm	(ICP)		
	570	Mg %	(ICP)		
	572	V ppm	(ICP)		
	573	Al %	(ICP)		
	575	Be ppm	(ICP)		
	576	Ca %	(ICP)		
	577	Cu ppm	(ICP)		
	578	Ag ppm	AAS		
	579	Ti %	(ICP)		
	582	Sr ppm	(ICP)		
	583	Na %	(ICP)		
	584	K %	(ICP)	6.00	744.00

Sample preparation and other charges :

124	214	Bag pulp	0.00	0.00
124	232	Total ICP digestion	7.00	868.00

TOTAL	$ 1612.00
Discount (10 %)	$ 161.20
Please pay this amount ---->	$ 1450.80

MS -- NET 30 DAYS
% per month (18 % per annum) charged on overdue accounts

CTA

Chemex Labs Ltd.

•Analytical Chemists •Geochemists •Registered Assayers

Brooksbank Ave.
North Vancouver, B.C.
Canada V7J 2C1

Telephone:(604) 984-0221
Telex: 043-52597

CERTIFICATE OF ANALYSIS

TO : SELCO MINING CORPORATION LTD

700 - 890 W. PENDER ST.
VANCOUVER, B.C.
V6C 1K5

CERT. # : A8417296-002-A
INVOICE # : I8417296
DATE : 31-OCT-84
P.O. # : NONE
10110

CC: D. GAMBLE

Sample description	Mo ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)	P ppm (ICP)	Pb ppm (ICP)	Bi ppm (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Ni ppm (ICP)	Ba ppm (ICP)	Fe % (ICP)	Mn ppm (ICP)	Cr ppm (ICP)	Mg % (ICP)	V ppm (ICP)	Al % (ICP)	Be ppm (ICP)	Ca % (ICP)	Cu ppm (ICP)	Ag ppm AAS	Ti % (ICP)	Sr ppm (ICP)	Na % (ICP)	K % (ICP)
905045	<1	<10	90	310	<1	<2	<0.5	31	60	230	5.42	1060	170	6.83	270	8.96	<0.5	4.88	101	0.4	0.200	97	1.58	0.94
905046	<1	<10	27	250	8	<2	<0.5	<1	<1	100	1.86	495	60	1.59	2	5.56	<0.5	2.20	15	0.4	0.094	96	2.08	1.02
905047	<1	<10	31	140	4	<2	<0.5	<1	<1	215	1.54	685	55	1.46	<1	6.10	<0.5	0.91	12	<0.2	0.091	35	2.02	1.53
905048	<1	<10	62	95	<1	<2	<0.5	10	28	305	2.35	590	175	2.29	139	3.95	<0.5	4.35	64	0.4	0.108	93	1.27	0.49
905049	<1	<10	139	300	8	<2	<0.5	24	49	235	5.07	1180	125	4.84	230	7.39	<0.5	6.56	101	<0.2	0.240	146	2.11	0.21
905050	24	<10	305	2930	18	<2	2.5	10	67	40	3.70	1050	150	2.98	370	3.74	<0.5	6.22	92	1.2	0.105	52	0.76	0.61
905051	<1	<10	77	255	<1	<2	<0.5	24	43	40	4.83	1140	250	5.27	230	6.21	<0.5	4.61	73	0.4	0.218	50	1.70	0.11
905052	<1	<10	17	310	<1	<2	<0.5	10	9	55	4.33	370	110	1.81	93	5.89	<0.5	1.28	18	<0.2	0.189	38	1.98	1.28
905053	<1	<10	15	370	<1	<2	<0.5	15	17	70	5.58	420	145	2.55	130	6.62	<0.5	0.94	22	0.4	0.238	37	1.83	1.37
905054	32	<10	8	430	<1	<2	<0.5	7	5	245	3.06	205	95	2.49	60	7.79	<0.5	0.44	7	0.4	0.119	43	2.26	1.61
905055	<1	<10	15	265	<1	<2	<0.5	4	<1	50	2.69	355	60	1.44	51	6.28	<0.5	0.92	23	<0.2	0.105	51	2.54	0.72
905056	5	<10	12	290	<1	<2	<0.5	<1	<1	210	0.51	170	85	1.02	30	6.86	<0.5	0.64	4	<0.2	0.066	49	2.26	1.41
905057	<1	<10	29	270	<1	<2	<0.5	7	<1	110	2.95	570	70	1.96	79	5.82	<0.5	1.27	8	0.4	0.099	56	2.39	0.70
905058	2	<10	6	35	<1	<2	<0.5	<1	2	20	0.83	1280	190	0.81	<1	0.29	<0.5	1.70	17	<0.2	0.003	10	0.04	0.11
905059	3	<10	8	155	<1	<2	<0.5	1	<1	350	2.02	330	95	0.44	16	5.73	<0.5	0.65	14	<0.2	0.065	27	0.92	1.86
905060	3	<10	13	445	<1	<2	<0.5	9	1	250	2.63	245	90	2.03	156	8.30	<0.5	0.65	11	<0.2	0.189	43	1.40	2.25
905061	4	<10	47	330	<1	<2	<0.5	20	23	110	4.86	715	85	5.33	115	8.02	<0.5	0.65	16	0.6	0.087	28	2.39	0.85
905062	3	<10	48	285	<1	<2	<0.5	18	22	80	4.35	850	85	5.03	111	7.48	<0.5	0.80	21	0.6	0.107	32	2.15	0.87
905063	<1	<10	31	285	4	<2	<0.5	7	8	200	2.39	575	60	2.99	56	7.71	<0.5	0.74	14	<0.2	0.090	54	1.84	1.28
905064	<1	<10	24	575	<1	<2	<0.5	7	<1	130	2.60	295	80	1.81	67	7.14	<0.5	0.81	19	<0.2	0.192	51	2.85	1.16
905065	<1	<10	40	300	<1	<2	<0.5	11	<1	250	2.31	240	70	1.51	34	6.81	<0.5	0.61	9	<0.2	0.165	58	2.41	1.58
905066	<1	<10	27	285	<1	<2	<0.5	3	<1	185	1.66	255	80	1.30	31	6.59	<0.5	1.10	11	<0.2	0.164	68	2.59	1.20
905067	<1	<10	15	525	<1	<2	<0.5	2	<1	70	1.33	89	60	0.28	22	6.44	<0.5	0.87	8	<0.2	0.137	40	4.99	0.52
905068	<1	<10	36	300	<1	<2	<0.5	21	8	75	4.92	720	80	2.93	198	8.83	<0.5	3.48	20	<0.2	0.242	119	2.44	0.73
905069	<1	<10	34	350	<1	<2	<0.5	24	13	65	5.25	850	90	3.69	215	9.49	<0.5	3.80	15	<0.2	0.226	135	2.52	0.50
905070	<1	<10	27	420	4	<2	<0.5	8	4	120	2.83	410	110	1.70	78	7.50	<0.5	1.26	14	<0.2	0.198	74	3.29	0.91
905071	16	<10	230	1090	8	<2	<0.5	13	42	145	3.79	1750	115	4.17	210	6.23	<0.5	4.34	37	<0.2	0.150	58	2.06	0.92
905072	4	<10	84	615	<1	<2	<0.5	14	50	45	3.73	1040	165	4.85	142	5.80	<0.5	4.86	47	<0.2	0.185	45	2.09	0.19
905073	<1	<10	51	390	4	<2	<0.5	5	<1	65	3.18	1290	60	1.82	39	6.23	<0.5	3.04	18	<0.2	0.132	91	5.20	0.24
905074	<1	<10	47	410	<1	<2	<0.5	13	14	70	3.30	760	90	2.23	164	6.54	<0.5	2.36	26	<0.2	0.195	177	1.51	0.22
905075	50	<10	27	1150	24	2	<0.5	14	44	55	4.05	685	125	1.27	230	1.72	<0.5	2.25	73	1.4	0.072	77	0.18	0.33
905076	8	<10	71	1020	16	<2	<0.5	5	22	70	2.41	1040	100	1.58	157	1.50	<0.5	13.30	69	0.6	0.061	78	0.22	0.30
905077	26	<10	130	530	26	<2	<0.5	3	30	135	2.74	1670	115	1.03	143	0.89	<0.5	9.22	46	1.2	0.045	50	0.05	0.13
905078	17	<10	163	3050	14	<2	<0.5	16	44	60	5.06	970	110	2.68	190	2.70	<0.5	8.63	115	0.6	0.105	74	0.80	0.18
905079	22	<10	500	1660	16	8	3.5	19	104	50	6.96	1430	225	3.65	585	3.77	<0.5	12.80	93	0.6	0.187	76	1.15	0.39
905080	22	<10	270	895	18	<2	1.0	8	63	30	3.16	815	90	1.35	295	1.62	<0.5	9.54	79	1.0	0.076	78	0.19	0.28
905081	4	<10	118	755	6	<2	<0.5	24	92	45	3.89	1700	320	4.09	245	6.83	<0.5	8.85	76	0.6	0.273	90	2.14	1.44
905082	8	<10	134	1350	8	<2	<0.5	17	41	185	3.93	1170	170	4.46	235	6.19	<0.5	6.19	70	0.4	0.183	86	2.34	0.34
905083	15	<10	119	1530	12	<2	<0.5	12	51	60	3.26	830	185	2.88	295	3.60	<0.5	5.31	99	0.6	0.125	55	0.83	0.55
905084	<1	<10	64	310	<1	<2	<0.5	19	36	320	4.04	750	325	4.55	230	5.75	<0.5	2.32	75	0.4	0.165	81	0.71	0.39

Certified by .....

Chemex Labs Ltd.

•Analytical Chemists •Geochemists •Registered Assayers

21 ooksbank Ave.
North Vancouver, B.C.
Canada V7J 2C1

Telephone:(604) 984-0221
Telex: 043-52597

CERTIFICATE OF ANALYSIS

TO : SELCO MINING CORPORATION LTD

700 - 890 W. PENDER ST.
VANCOUVER, B.C.
V6C 1K5

CERT. # : A8417296-004-A
INVOICE # : I8417296
DATE : 31-OCT-84
P.O. # : NONE
10110

CC: D. GAMBLE

Sample description	Mo ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)	P ppm (ICP)	Pb ppm (ICP)	Bi ppm (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Ni ppm (ICP)	Ba ppm (ICP)	Fe % (ICP)	Mn ppm (ICP)	Cr ppm (ICP)	Mg % (ICP)	V ppm (ICP)	Al % (ICP)	Be ppm (ICP)	Ca % (ICP)	Cu ppm (ICP)	Ag ppm AAS	Ti % (ICP)	Sr ppm (ICP)	Na % (ICP)	K % (ICP)
905125	5	<10	750	580	22	<2	<0.5	16	6	35	4.39	870	95	1.95	83	6.30	<0.5	2.53	260	1.0	0.186	73	2.51	0.83
905126	4	<10	285	395	6	<2	<0.5	4	<1	200	2.38	2380	85	3.40	57	6.22	<0.5	4.39	68	<0.2	0.150	68	1.75	1.26
905127	<1	<10	40	40	<1	<2	<0.5	79	1640	30	4.51	575	2310	29.90	34	0.79	<0.5	0.65	18	<0.2	0.007	61	0.15	0.10
905128	3	<10	114	355	6	<2	<0.5	23	330	875	2.79	470	385	6.89	92	4.48	<0.5	1.45	54	<0.2	0.178	136	1.10	1.69

Certified by .....

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Analytical Chemists • Geochemists • Registered Assayers

212 Brooksbank Ave.
North Vancouver, B.C.
Canada V7J 2C1
Telephone:(604) 984-0221
Telex: 043-52597

*** INVOICE ***

RECEIVED
OCT 31 1984
SELCO-BP RESOURCES
VANCOUVER, B.C.

To : SELCO MINING CORPORATION LTD

700 - 890 W. PENDER ST.
VANCOUVER, B.C.
V6C 1K5

Invoice # : I8417295

Date : 30-OCT-84
P.O. # : NONE
Project 10110

Invoice for analytical work reported on certificate(s) A8417295-001 to -004

Quantity	Analysed for code	description	unit price	amount
129	100	Au ppb FA+AA	6.25	806.25

Sample preparation and other charges :

124	205	Rock geochem - RING	2.50	310.00
5	214	Bag pulp	0.00	0.00

TOTAL	$ 1116.25
Discount (10 %)	$ 111.63
Please pay this amount ---->	$ 1004.62

TERMS -- NET 30 DAYS
5 % per month (18 % per annum) charged on overdue accounts

CTA

Chemex Labs Ltd.

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212 Brooksbank Ave.
North Vancouver, B.C.
Canada V7J 2C1

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CERTIFICATE OF ANALYSIS

) : SELCO MINING CORPORATION LTD

700 - 890 W. PENDER ST.
VANCOUVER, B.C.
V6C 1K5

CC: D. GAMBLE

CERT. # : A8417295-002-A
INVOICE # : I8417295
DATE : 30-OCT-84
P.O. # : NONE
10110

Sample description	Prep code	Au ppb FA+AA					
905044	205	10	--	--	--	--	--
905045	205	<5	--	--	--	--	--
905046	205	<5	--	--	--	--	--
905047	205	5	--	--	--	--	--
905048	205	10	--	--	--	--	--
905049	205	<5	--	--	--	--	--
905050	205	<5	--	--	--	--	--
905051	205	<5	--	--	--	--	--
905052	205	<5	--	--	--	--	--
905053	205	<5	--	--	--	--	--
905054	205	5	--	--	--	--	--
905055	205	<5	--	--	--	--	--
905056	205	<5	--	--	--	--	--
905057	205	<5	--	--	--	--	--
905058	205	<5	--	--	--	--	--
905059	205	<5	--	--	--	--	--
905060	205	<5	--	--	--	--	--
905061	205	<5	--	--	--	--	--
905062	205	<5	--	--	--	--	--
905063	205	<5	--	--	--	--	--
905064	205	<5	--	--	--	--	--
905065	205	<5	--	--	--	--	--
905066	205	<5	--	--	--	--	--
905067	205	<5	--	--	--	--	--
905068	205	<5	--	--	--	--	--
905069	205	<5	--	--	--	--	--
905070	205	<5	--	--	--	--	--
905071	205	<5	--	--	--	--	--
905072	205	<5	--	--	--	--	--
905073	205	10	--	--	--	--	--
905074	205	<5	--	--	--	--	--
905075	205	<5	--	--	--	--	--
905076	205	<5	--	--	--	--	--
905077	205	5	--	--	--	--	--
905078	205	5	--	--	--	--	--
905079	205	<5	--	--	--	--	--
905080	205	<5	--	--	--	--	--
905081	205	<5	--	--	--	--	--
905082	205	<5	--	--	--	--	--
STD-01	214	<5	--	--	--	--	--

Certified by Hartt Buchler

CTA

Chemex Labs Ltd.

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212 Brooksbank Ave.
North Vancouver, B.C.
Canada V7J 2C1

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CERTIFICATE OF ANALYSIS

O : SELCO MINING CORPORATION LTD

700 - 890 W. PENDER ST.
VANCOUVER, B.C.
V6C 1K5

CC: D. GAMBLE

CERT. # : A8417295-004-A
INVOICE # : I8417295
DATE : 30-OCT-84
P.O. # : NONE
10110

Sample description	Prep code	Au ppb FA+AA						
905122	205	15	--	--	--	--	--	
905123	205	<5	--	--	--	--	--	
905124	205	<5	--	--	--	--	--	
905125	205	15	--	--	--	--	--	
905126	205	<5	--	--	--	--	--	
905127	205	<5	--	--	--	--	--	
905128	205	<5	--	--	--	--	--	
RE 905001	214	<5	--	--	--	--	--	
STD-01	214	350	--	--	--	--	--	

Certified by Hart Bichler

CTA

G. & D. Diamond Drilling

BOX 358,
SORRENTO, B.C. V0E 2W0
GLEN L. SHAW–PHONE 675-4407

October 9, 1984.

IN ACCOUNT WITH: SELCO - BP EXPLORATION CANADA LTD.,
R.R. 2, 7182 Blackwell Road,
Kamloops, B.C. V2C 2J3

Contract: Cache Creek Area
Invoice No. 1
Page No. 1

DRILLING COSTS:

HOLE NO. 84-1:

401 ft. @ $17.00 per ft. -----		$ 6,817.00

HOLE NO. 84-1A:

506 ft. @ $17.00 per ft. --	$8,602.00		
Left in Hole: 7 - 10 ft. pieces BW Casing @ $124.00 ea.	$ 868.00		
1 BW Casing Shoe ---	$ 142.00		
Total Cost Hole No. 84-1A	$9,612.00	--	$ 9,612.00

HOLE NO. 84-2:

653 ft. @ $17.00 per ft. --	$11,101.00		
Left in Hole: 4 - 10 ft. NQ Rods @ $65.00 each --	$ 260.00		
1 NQ Box to BW Pin Adaptor	$ 61.00		
1 BW Casing Shoe ---	$ 142.00		
Total Cost Hole No. 84-2	$11,564.00	--	$ 11,564.00

HOLE NO. 84-8:

403 ft. @ $17.00 per ft. --	$ 6,851.00		
Left in Hole: 6 - 10 ft. NQ Rods @ $65.00 each --	$ 390.00		
1 NQ Box to BW Pin Adaptor	$ 61.00		
1 BW Casing Shoe ---	$ 142.00		
Total Cost Hole No. 84-8	$ 7,444.00	--	$ 7,444.00

G. & D. Diamond Drilling

GLEN L. SHAW–PHONE

Contract: Cache Creek Area
Invoice No. 1
Page No. 2

HOLE NO. 84-7:

596 ft. @ $17.00 per ft. --	$10,132.00		
Left in Hole: 10 - 10 ft. NQ Rods @ $65.00 each ---	$ 650.00		
1 NQ Box to BW Pin Adaptor	$ 61.00		
1 BW Casing Shoe ---	$ 142.00		
Total Cost Hole No. 84-7	$10,985.00	--	$ 10,985.00

HOLE NO. 84-3:

525 ft. @ $17.00 per ft. --	$ 8,925.00		
Left in Hole: 10 - 10 ft. NQ Rods @ $65.00 each ---	$ 650.00		
1 NQ Box to BW Pin Adaptor	$ 61.00		
1 BW Casing Shoe --	$ 142.00		
Total Cost Hole No. 84-3	$ 9,778.00	--	$ 9,778.00

HOLE NO. S84-4:

567 ft. @ $17.00 per ft. --	$ 9,639.00		
Left in Hole: 6 - 10 ft. NQ Rods @ $65.00 each ---	$ 390.00		
1 NQ Box to BW Pin Adaptor	$ 61.00		
1 BW Casing Shoe ---	$ 142.00		
Total Cost Hole No. S84-4	$10,232.00	--	$ 10,232.00

HOLE NO. S84-5:

225 ft. @ $17.00 per ft. --	$ 3,825.00		
Left in Hole: 12 - 10 ft. NQ Rods @ $65.00 each ---	$ 780.00		
1 NQ Box to BW Pin Adaptor	$ 61.00		
1 BW Casing Shoe ---	$ 142.00		
Total Cost Hole No. S84-5	$ 4,808.00	--	$ 4,808.00

C. & D. Diamond Drilling

GLEN L. SHAW–PHONE

Contract: Cache Creek Area
Invoice No. 1
Page No. 3

HOLE NO. 84-5A:

814 ft. @ $17.00 per ft. --	$13,838.00		
Left in Hole: 9 - 10 ft. NQ Rods @ $65.00 each --	$ 585.00		
1 NQ Box to BW Pin Adaptor	$ 61.00		
1 BW Casing Shoe --	$ 142.00		
Consumables Used: 2 Pails Cement @ $41.00 each -----	$ 82.00		
Time Spent waiting and Drilling out Cement: 12 Hrs. @ $65.00 per hour ---	$ 780.00		
Total Cost Hole No. 84-5A	$15,488.00	--	$ 15,488.00

HOLE NO. 84-6:

623 ft. @ $17.00 per ft. --	$10,591.00		
Left in Hole: 5 - 10 ft. NQ Rods @ $65.00 each ---	$ 325.00		
Total Cost Hole No. 84-6	$10,916.00	--	$ 10,916.00

TOTAL COST INVOICE NO. 1 $ 97,644.00

COST STATEMENT 2

SILICA 1 GROUP
TRENCHING MAY 2 - 14, 1985

1.	EQUIPMENT RENTAL	
	-Case crawler tractor for road building as per Invoice	$ 450.00
	-J.D. Excavator Backhoe and float moves for trenching as per Invoice	1854.00
	-150 CFM air compressor for cleaning trenches, as per Invoice	250.00
2.	LABOUR	
	Cleaning and surveying trench locations: May 6 - 14, 1985	
	G. Evans - 4 days @ $131.75	527.00
	S. Todoruk - 6 days @ $128.65	771.90
3.	SUPERVISION	
	Road Building and Trenching Supervision	
	G. Evans - 2 days @ $131.75	263.50
	D. Gamble - 3 days @ $200.00	600.00
4.	TRANSPORTATION	
	Truck Lease 1.5 Wks. @ $200/wk.	150.00
	Truck Operation - 9 days @ $25	225.00
	Compressor fuel	45.00
5.	ACCOMMODATION	
	1 Week @ $175/week	175.00
6.	FOOD	
	15 mandays @ $22.50/day	337.50
7.	REPORTING, MAP REPRODUCTION	
	1 manday @ $200	200.00
		$5,848.00

INVOICE

C v C

COPPER VALLEY CONSTRUCTION LTD.
PHONE 453-2331
BOX 1419 - ASHCROFT, B.C. V0K 1A0

SOLD TO B.P. Canada Ltd
7182 Blackwell RR2
SHIPPED TO Kamloops B.C.
ADDRESS V2C 2S3

DATE May 31/85

	Selica Project #10111				
	SD 680 Excavator 20 hrs @ 82.50	1650	00		
	Lowbed moves 3 hrs @ 68.00 p/h	204	00		
		1854	00		
	Received JUN 18 1985				
	OK for payment				
	A.S.A.P. REAGOLD OPTION				
	PO# 221-2620 - 1010				
	Total due	$1854	00		

CUSTOMER'S ORDER	TERMS	F.O.B.	SALESMAN
	14 days	from invoice	

IRON MOUNTAIN DRILLING LTD.

Box 184, Merritt, B.C. - V0K 2B0

Bob Brosinsky
Phone 378-4843

May 6/85

SELCO DIVISION
R.R. 2
7182 Blackwell Road
KAMLOOPS, B.C.
V2C 2J3

Invoice for use of Case crawler at Red Hill
10 Crawler hours at $45.00 per hour.....$450.00

Bob Brosinsky, President
Iron Mountain Drilling Ltd

RB/bb

Douglas RENTALS LTD.

MACHINERY FOR RENT

INVOICE NO.	DATE	AMOUNT

DOUGLAS RENTALS LTD. HEAD OFFICE: 10351 - 61 AVENUE, EDMONTON

1920 WILFERT ROAD, NANAIMO, B.C.
12380 BRIDGEPORT ROAD, RICHMOND, B.C.
1991 - 1ST AVE., PRINCE GEORGE, B.C.
680 ATHABASCA ST W., KAMLOOPS, B.C.
407 - 36TH AVE S.E., CALGARY, ALTA.
138 EAST 6TH AVE., REGINA, SASK.
1625 ONTARIO AVE., SASKATOON, SASK.
4733 - 60 ST., RED DEER, ALTA.

RENTAL AGREEMENT

98261

MADE THE 8 DAY OF May 19 85

BETWEEN **DOUGLAS RENTALS LTD.** (HEREINAFTER CALLED THE OWNER)

AND Art. David Gamble.
(HEREINAFTER CALLED THE HIRER)

OF 7182 - Blackwell Rd.
Kamloops B.C. V2C2J3

P.O. NO. 3910934.

TIME 8.00

JOB LOCATION 3573-3408

THE OWNER AGREES TO LET AND THE HIRER AGREES TO HIRE THE FOLLOWING ARTICLE (S) SUBJECT TO TERMS AND CONDITIONS BELOW AND ON REVERSE SIDE

QTY	SERIAL NO.	DESCRIPTION	DAY	WEEK	MONTH
	7652	150 Diesel Compressor		200.00	
	300'.			50.00	

FUEL USED GAL. DELIVERY CHARGE $ PICK-UP CHARGE $

DEPOSIT RECEIVED

$

I ACKNOWLEDGE RECEIPT OF A COPY OF THIS AGREEMENT AND AGREE TO THE TERMS & CONDITIONS STATED ON REVERSE SIDE

HIRER

DOUGLAS RENTALS LTD. (OWNER)

PER

COST STATEMENT 3

SILICA 2 GROUP

1. DRILLING (April. 11-16, 1985)

S-85-1 - 1095'	$18,356.45

2. DRILL ASSAYS

-32 Au Assays as per Chemex Labs Ltd. Inv. #18513222 - 3 July, 1985	247.50
-32 ICP 30 element Assay as per Chemex Labs Ltd. Inv. #18513230 - 8 July 1985	374.40

3. TRANSPORTATION

Operation - 16 days @ $25/day	400.00
Lease - 16/30th of $400.00	213.33

4. FOOD AND ACCOMMODATION

Food - 16 days @ $22.50/day	360.00
Accommodation - 2 wks. @ $155/wk.	310.00

5. SUPERVISION

Drill Supervision - 16 days @ $200/day	3,200.00
Logging & Sampling- 3 days @ $600/day	600.00

6. REPORT WRITING, DRAFTING, REPRODUCTION, FREIGHT

Drafting - 4 days @ $200/day	800.00
Report - 1 day @ $200/day	200.00
Reprod. -	75.00
Freight -	15.00
	$25,151.08

IRON MOUNTAIN DRILLING LTD.

Box 184, Merritt, B.C. - V0K 2B0

Bob Brosinsky
Phone 378-4843
April 26/85

SELCO DIVISION
R.R. #2
7182 Blackwell Road
Kamloops, B.C.
V2C 2J3

Invoice for Diamond Drilling at Red Hill naer Cache Creek

Mob and Demob together	$500.00
NQ Wireline to 1000' feet at $14.50 per foot	$14,500.00
NQ Wireline from 1000" to 1095 at $16.50 per foot	1,567.50
NW Casing Shoe left in hole	$338.95
5 Acid tests at $30.00 each	$150.00
94 feet NW Casing left in hole at $10.00 per foot	$940.00
Crawler use for moving in and site preparation, claen up and moving out Diamond Drill 8 Hours at $45.00 per hour	$360.00
Total Invoice	$18,356.45

✓ Ok for payment.

Bob Brosinsky, President

IRON MOUNTAIN DRILLING LTD

Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 Brooksbank Ave.
North Vancouver, B.C.
Canada V7J 2C1

Telephone:(604) 984-0221
Telex: 043-52597

CERTIFICATE OF ANALYSIS

TO : B P RESOURCES CANADA LTD. ~~SELCO DIVISION~~

700 - 890 W. PENDER ST.
VANCOUVER, B.C.
V6C 1K5

CC: D. GAMBLE

CERT. # : A8513222-001-A
INVOICE # : I8513222
DATE : 3-JUL-85
P.O. # : NONE
10110

Sample description	Prep code	Au ppb FA+AA					
8485543905130	205	20	--	--	--	--	--
8485543905131	205	<5	--	--	--	--	--
8485543905132	205	<5	--	--	--	--	--
8485543905133	205	<5	--	--	--	--	--
8485543905134	205	<5	--	--	--	--	--
8485543905135	205	<5	--	--	--	--	--
8485543905136	205	<5	--	--	--	--	--
8485543905137	205	<5	--	--	--	--	--
8485543905138	205	<5	--	--	--	--	--
8485543905139	205	<5	--	--	--	--	--
8485543905140	205	<5	--	--	--	--	--
8485543905141	205	<5	--	--	--	--	--
8485543905142	205	<5	--	--	--	--	--
8485543905143	205	<5	--	--	--	--	--
8485543905144	205	<5	--	--	--	--	--
8485543905145	205	<5	--	--	--	--	--
8485543905146	205	<5	--	--	--	--	--
8485543905147	205	<5	--	--	--	--	--
8485543905148	205	<5	--	--	--	--	--
8485543905149	205	<5	--	--	--	--	--
8485543905150	205	<5	--	--	--	--	--
8485543905151	205	<5	--	--	--	--	--
8485543905152	205	<5	--	--	--	--	--
8485543905153	205	<5	--	--	--	--	--
8485543905154	205	<5	--	--	--	--	--
8485543905155	205	25	--	--	--	--	--
8485543905156	205	20	--	--	--	--	--
8485543905157	205	<5	--	--	--	--	--
8485543905158	205	<5	--	--	--	--	--
8485543905159	205	<5	--	--	--	--	--
RE8485543905130	214	<5	--	--	--	--	--
STD-01	214	240	--	--	--	--	--

Certified by Hart Bichler

CTA

Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 Brooksbank Ave.
North Vancouver, B.C.
Canada V7J 2C1
Telephone:(604) 984-0221
Telex: 043-52597

*** INVOICE ***

To : B P RESOURCES CANADA LTD, SELCO DIVISION
700 - 890 W. PENDER ST.
VANCOUVER, B.C.
V6C 1K5

RECEIVED
JUL - 4 1985
SELCO-BP RESOURCES
VANCOUVER, B.C.

Invoice # : I8513222

Date : 3-JUL-85
P.O. # : NONE
Project 10110

Invoice for analytical work reported on certificate(s) A8513222-001

Quantity	Analysed for code	description		unit price	amount
32	100	Au ppb	FA+AA	6.25	200.00

Sample preparation and other charges :

30	205	Rock geochem - RING	2.50	75.00
2	214	Received as pulp	0.00	0.00

TOTAL	$ 275.00
Discount (10 %)	$ 27.50
Please pay this amount ---->	$ 247.50

TERMS -- NET 30 DAYS
.5 % per month (18 % per annum) charged on overdue accounts

CTA

Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 Brooksbank Ave.
North Vancouver, B.C.
Canada V7J 2C1
Phone: (604) 984-0221
Telex: 043-52597

*** INVOICE ***

To : B P RESOURCES CANADA LTD, SELCO DIVISION
700 - 890 W. PENDER ST.
VANCOUVER, B.C.
V6C 1K5

Invoice # : I8513230
Date : 8-JUL-85
P.O. # : NONE
Project 10110

Invoice for analytical work reported on certificate(s) A8513230-001

Quantity	Analysed for code	description		unit price	amount
32	554 - Mo	ppm	(ICP)		
	556 - W	ppm	(ICP)		
	558 - Zn	ppm	(ICP)		
	559 - P	ppm	(ICP)		
	560 - Pb	ppm	(ICP)		
	561 - Bi	ppm	(ICP)		
	562 - Cd	ppm	(ICP)		
	563 - Co	ppm	(ICP)		
	564 - Ni	ppm	(ICP)		
	565 - Ba	ppm	(ICP)		
	566 - Fe	%	(ICP)		
	568 - Mn	ppm	(ICP)		
	569 - Cr	ppm	(ICP)		
	570 - Mg	%	(ICP)		
	572 - V	ppm	(ICP)		
	573 - Al	%	(ICP)		
	575 - Be	ppm	(ICP)		
	576 - Ca	%	(ICP)		
	577 - Cu	ppm	(ICP)		
	578 - Ag	ppm	AAS		
	579 - Ti	%	(ICP)		
	582 - Sr	ppm	(ICP)		
	583 - Na	%	(ICP)		
	584 - K	%	(ICP)	12.00	384.00

Silica 85-1 dch

Sample preparation and other charges :

32	214 - Received as pulp	0.00	0.00
32	232 - Total ICP digestion	1.00	32.00

TOTAL	$ 416.00
Discount (10 %)	$ 41.60
Please pay this amount ---->	$ 374.40

TERMS -- NET 30 DAYS
1.5 % per month (18 % per annum) charged on overdue accounts

Chemex Labs Ltd.

•Analytical Chemists •Geochemists •Registered Assayers

212 Brooksbank Ave.
North Vancouver, B.C.
Canada V7J 2C1
Telephone:(604) 984-0221
Telex: 043-52597

RECEIVED
JUL - 9 1985
SELCO - BP RESOURCES
VANCOUVER, B.C.

CERTIFICATE OF ANALYSIS

TO : B P RESOURCES CANADA LTD. SELCO DIVISION

700 - 890 W. PENDER ST.
VANCOUVER, B.C.
V6C 1K5

CERT. # : A8513230-001-A
INVOICE # : I8513230
DATE : 8-JUL-85
P.O. # : NONE
10110

CC: D. GAMBLE

Sample description	Mo ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)	P ppm (ICP)	Pb ppm (ICP)	Bi ppm (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Ni ppm (ICP)	Ba ppm (ICP)	Fe % (ICP)	Mn ppm (ICP)
8485543905130	<1	<10	125	45	6	<2	<0.5	2	<1	110	0.86	275
8485543905131	<1	<10	60	55	4	<2	<0.5	3	<1	170	1.93	510
8485543905132	13	<10	26	155	8	<2	<0.5	11	3	180	2.81	300
8485543905133	2	<10	55	155	4	<2	<0.5	6	3	245	3.58	525
8485543905134	7	<10	121	190	4	<2	<0.5	10	6	225	4.63	1000
8485543905135	2	<10	198	215	4	<2	<0.5	10	7	155	5.49	1540
8485543905136	<1	<10	72	225	2	<2	<0.5	7	5	140	2.65	765
8485543905137	<1	<10	84	205	6	<2	<0.5	7	5	100	2.48	830
8485543905138	<1	<10	106	280	2	<2	<0.5	11	6	75	3.25	1030
8485543905139	<1	<10	79	275	4	<2	<0.5	22	7	75	4.00	820
8485543905140	<1	<10	143	270	2	<2	<0.5	9	7	200	2.70	1150
8485543905141	<1	<10	55	240	2	<2	<0.5	6	5	85	2.73	690
8485543905142	<1	<10	74	305	<1	<2	<0.5	12	8	75	3.74	775
8485543905143	<1	<10	60	215	4	<2	<0.5	9	7	140	2.84	570
8485543905144	<1	<10	89	240	4	<2	<0.5	17	8	125	3.73	750
8485543905145	<1	<10	22	210	4	<2	<0.5	3	<1	265	1.06	205
8485543905146	2	<10	36	200	4	<2	<0.5	3	<1	260	1.74	200
8485543905147	10	<10	14	190	4	<2	<0.5	8	1	140	1.05	137
8485543905148	<1	<10	126	155	1	<2	<0.5	31	54	90	5.83	1800
8485543905149	<1	<10	13	165	4	<2	<0.5	3	1	150	0.98	161
8485543905150	<1	<10	19	235	2	<2	<0.5	3	<1	310	1.55	191
8485543905151	<1	<10	18	205	2	<2	<0.5	2	<1	320	1.42	161
8485543905152	<1	<10	40	180	2	<2	<0.5	6	2	260	1.96	275
8485543905153	<1	<10	109	210	4	<2	<0.5	12	7	280	3.99	755
8485543905154	<1	<10	<1	330	2	<2	<0.5	1	<1	30	1.85	132
8485543905155	<1	<10	8	240	4	<2	<0.5	1	2	90	1.27	235
8485543905156	<1	<10	7	285	4	<2	<0.5	2	1	215	1.50	290
8485543905157	<1	<10	2	65	2	<2	<0.5	3	5	65	1.96	400
8485543905158	<1	<10	2	45	8	<2	<0.5	2	2	2380	0.56	1400
8485543905159	<1	<10	1	375	2	<2	<0.5	1	<1	160	1.57	200
RE8485543905130	<1	<10	86	30	6	<2	<0.5	2	<1	105	0.84	275
STD-01	7	<10	164	515	46	<2	<0.5	11	36	590	4.07	915

Sample description	Cr ppm (ICP)	Mg % (ICP)	V ppm (ICP)	Al % (ICP)	Be ppm (ICP)	Ca % (ICP)	Cu ppm (ICP)	Ag ppm AAS	Ti % (ICP)	Sr ppm (ICP)	Na % (ICP)	K % (ICP)
8485543905130	140	0.82	<1	5.94	<0.5	0.63	13	<0.2	0.062	25	2.67	0.91
8485543905131	82	1.93	<1	6.76	<0.5	0.48	12	<0.2	0.080	38	2.50	1.11
8485543905132	73	2.74	28	5.95	<0.5	0.56	26	<0.2	0.136	20	1.57	1.42
8485543905133	76	3.43	33	6.29	<0.5	0.39	250	<0.2	0.130	25	0.53	1.66
8485543905134	59	4.95	42	6.88	<0.5	0.51	810	<0.2	0.147	32	0.42	1.45
8485543905135	49	7.00	67	7.34	<0.5	0.40	640	<0.2	0.176	14	0.44	0.70
8485543905136	51	4.23	61	7.46	<0.5	0.32	10	<0.2	0.181	37	1.96	1.00
8485543905137	60	3.64	57	7.19	<0.5	0.28	16	<0.2	0.173	32	2.26	0.79
8485543905138	51	5.03	83	7.52	<0.5	0.44	13	<0.2	0.185	26	2.23	0.51
8485543905139	54	5.45	85	7.91	<0.5	0.36	22	<0.2	0.196	23	2.17	0.54
8485543905140	42	5.68	70	7.33	<0.5	0.36	82	<0.2	0.182	22	1.23	1.06
8485543905141	39	4.28	60	7.43	<0.5	0.37	10	<0.2	0.187	20	2.36	0.61
8485543905142	53	4.93	98	8.15	<0.5	0.74	42	<0.2	0.206	52	2.53	0.36
8485543905143	57	4.21	69	7.12	<0.5	0.46	20	<0.2	0.164	37	2.02	0.91
8485543905144	62	5.70	80	7.62	<0.5	0.49	20	<0.2	0.176	26	1.81	0.70
8485543905145	91	2.27	15	7.03	<0.5	0.27	8	<0.2	0.115	30	1.57	2.02
8485543905146	91	2.07	13	7.19	<0.5	0.31	13	<0.2	0.092	42	1.84	1.96
8485543905147	125	1.64	5	6.54	<0.5	0.53	16	<0.2	0.093	36	2.21	1.37
8485543905148	220	6.74	240	9.47	<0.5	1.43	184	<0.2	0.280	35	1.90	0.84
8485543905149	120	1.64	10	5.60	<0.5	0.95	11	<0.2	0.084	52	1.98	1.03
8485543905150	82	2.53	39	7.09	<0.5	0.69	6	<0.2	0.136	39	1.47	1.85
8485543905151	92	2.09	8	6.62	<0.5	0.54	4	<0.2	0.101	34	1.12	2.03
8485543905152	95	2.39	31	7.26	<0.5	1.45	26	<0.2	0.125	54	1.03	2.25
8485543905153	58	2.65	108	7.46	<0.5	2.11	53	<0.2	0.292	94	2.16	1.70
8485543905154	56	0.92	5	7.30	<0.5	0.79	16	<0.2	0.231	54	5.20	0.29
8485543905155	80	0.80	10	5.25	<0.5	1.98	11	<0.2	0.151	50	2.46	0.51
8485543905156	65	1.39	21	7.14	<0.5	2.27	14	<0.2	0.243	60	2.95	1.35
8485543905157	88	2.55	82	8.03	<0.5	4.15	12	<0.2	0.321	145	3.27	0.53
8485543905158	34	0.33	11	1.30	<0.5	27.30	11	<0.2	0.035	420	1.17	0.13
8485543905159	76	1.00	9	7.29	<0.5	1.16	11	<0.2	0.232	63	5.29	0.71
RE8485543905130	135	0.80	<1	5.70	<0.5	0.62	12	<0.2	0.049	25	2.56	0.87
STD-01	145	1.31	90	7.67	<0.5	1.62	215	1.2	0.358	138	1.94	2.06

Certified by ....

APPENDIX 2

CERTIFICATE OF AUTHOR

CERTIFICATE

I, Rex S. Pegg of #700-890 West Pender Street, in the City of Vancouver, in the Province of British Columbia, do hereby certify:

1. That I am an exploration geologist employed by Selco Division-BP Resources Canada Limited, which has its office located at #700-890 West Pender Street, Vancouver, B.C., V6C 1K5.

2. That I am a graduate of the University of Toronto, located in Toronto, Ontario, where I obtained a Bachelor of Applied Science degree in Geological Engineering (Exploration Option) in 1976.

3. That I am a registered member, in good standing, of the Association of Professional Engineers of the Province of British Columbia.

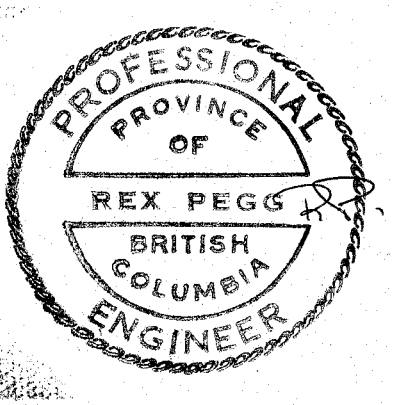
4. That I have practised my profession as a geologist for the past nine years.

5. That I attest that the values present and their spatial relationships to each other are correct within reasonable limits of error.

6. That I have no direct, or indirect, interest in any of the Silica Project mineral claims.

Rex Pegg, ~~BASc~~. P. Eng.

October, 1985



CERTIFICATE OF AUTHOR

I, Dave Gamble, of 7182 Blackwell Road, Kamloops, British Columbia, hereby certify that:

1. I am a geologist residing at the above address.

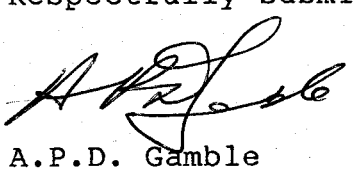
2. I am a graduate of the University of Ottawa with an Honours B.Sc. degree in Geology (1973) and have completed two years graduate studies leading to a M.Sc. at Laurentian University.

3. I have practised my profession for more than 9 years.

4. I supervised the drilling and trenching on the Silica Project claims and interpreted the results of the work described herein.

5. I hold no interest, direct or indirect, in the Silica Project claims which are the subject of this report.

Respectfully submitted,

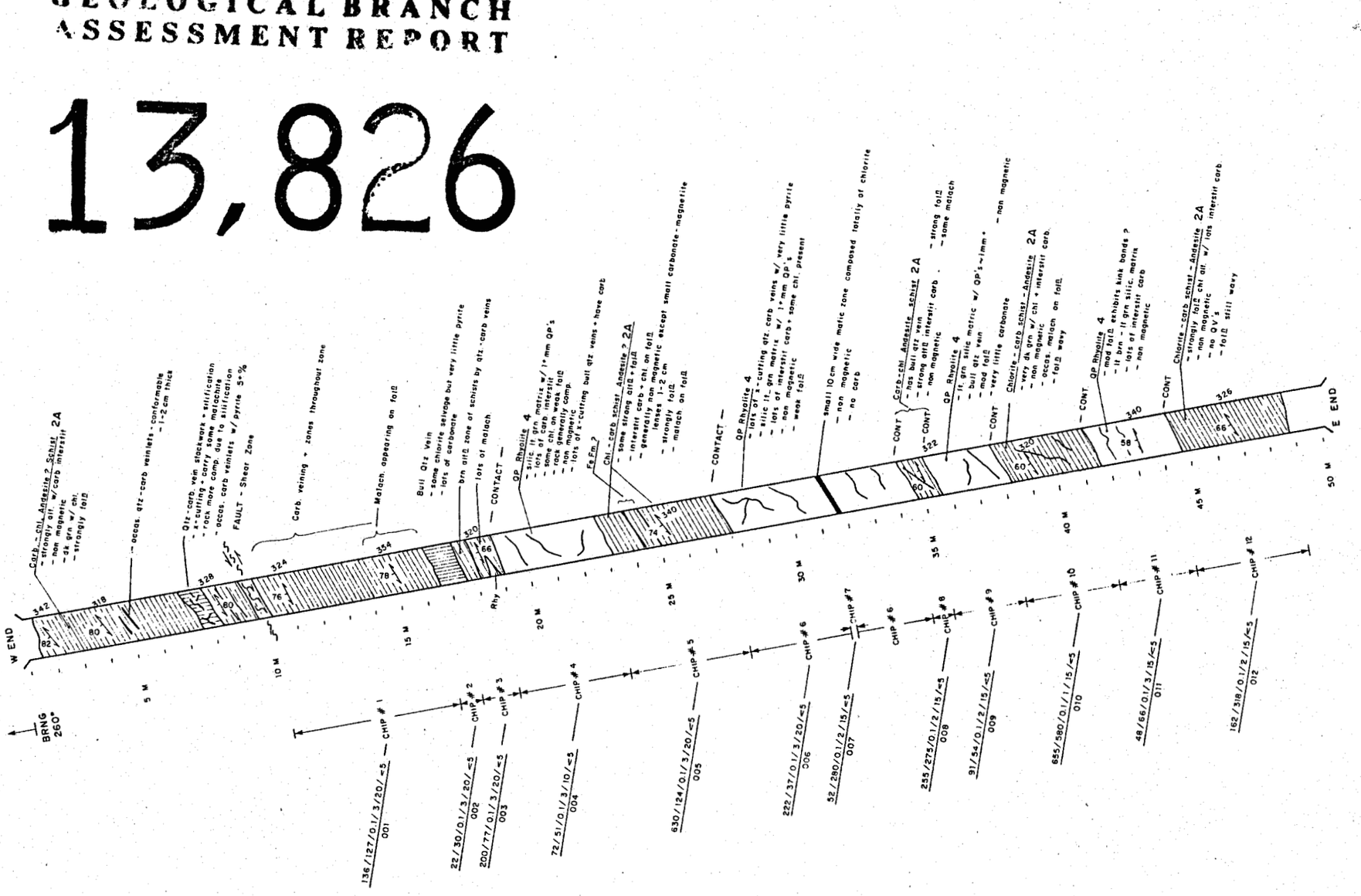


A.P.D. Gamble
Project Geologist

Kamloops, B.C.
October, 1985

GEOLOGICAL BRANCH
ASSESSMENT REPORT

13,826



LEGEND

JR ASHCROFT FORMATION

- JR 1 — (Congl, Sst, Arg) - SEDIMENTS: CONGLOMERATE, SANDSTONE ARGILLITE

TR or POST TR INTRUSIVES

- 6 B — SUBVOLCANIC DIORITE (RELATED TO ANDESITE SILLS + DYKES)
- 6 A — QUARTZ DIORITE (OREGON JACK CREEK TYPE)
- 6 — DIORITE TYPE RED HILL DIORITE
- 5 A — GRANODIORITE

TR NICOLA GROUP

- 4 A — QFP RHYOLITE QUARTZ PORPHYRY
- 4 — (QSS, fl, bx, sills + dykes, ?) - RHYOLITES: QUARTZ - SERICITE, FLOWS BRECCIAS, SILLS + DYKES, TUFF
- 3 — (ccs, fl, bx) - DACITES: CARBONATE - CHLORITE SCHIST, FLOWS, BRECCIAS
- 2 A — ANDESITE TUFF - SEDIMENTS, STRONG CARBONATE ALTERATION
- 2 — (ccs, fl, sills + dykes, ?) - ANDESITES: CARBONATE - CHLORITE SCHIST, FLOWS, SILLS + DYKES, TUFF
- 1 — (Arg, Cherf, Lmst) - SEDIMENTS: ARGILLITE, CHERT, LIMESTONE

Pcc CACHE CREEK COMPLEX

- Pcc 3 — (Da, fl) - DACITES: BRECCIAS, FLOWS (ech) - SMALL BLOCK OF HIGH GRADE SCHISTS
- Pcc 2 — (ccs, fl, ?) - ANDESITES: CARBONATE - CHLORITE SCHIST, FLOWS, TUFFS
- Pcc 1 — (Arg - Phyll, Cherf, Lmst) - SEDIMENTS: ARGILLITE - PHYLLITE CHERTS LIMESTONE (± BRECCIAS)

GEOCHEMISTRY

Cu(ppm) / Zn(ppm) / Ag(ppm) / As(ppm) / Hg(ppb) / Au(ppb) Fa+AA

CHIP SAMPLE INTERVAL ASSAY

SAMPLE NO 858554390000I

001

PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — REX PEGG

0 1 2 3 4 5 Metres

SELCO DIVISION - BP RESOURCES CANADA LIMITED

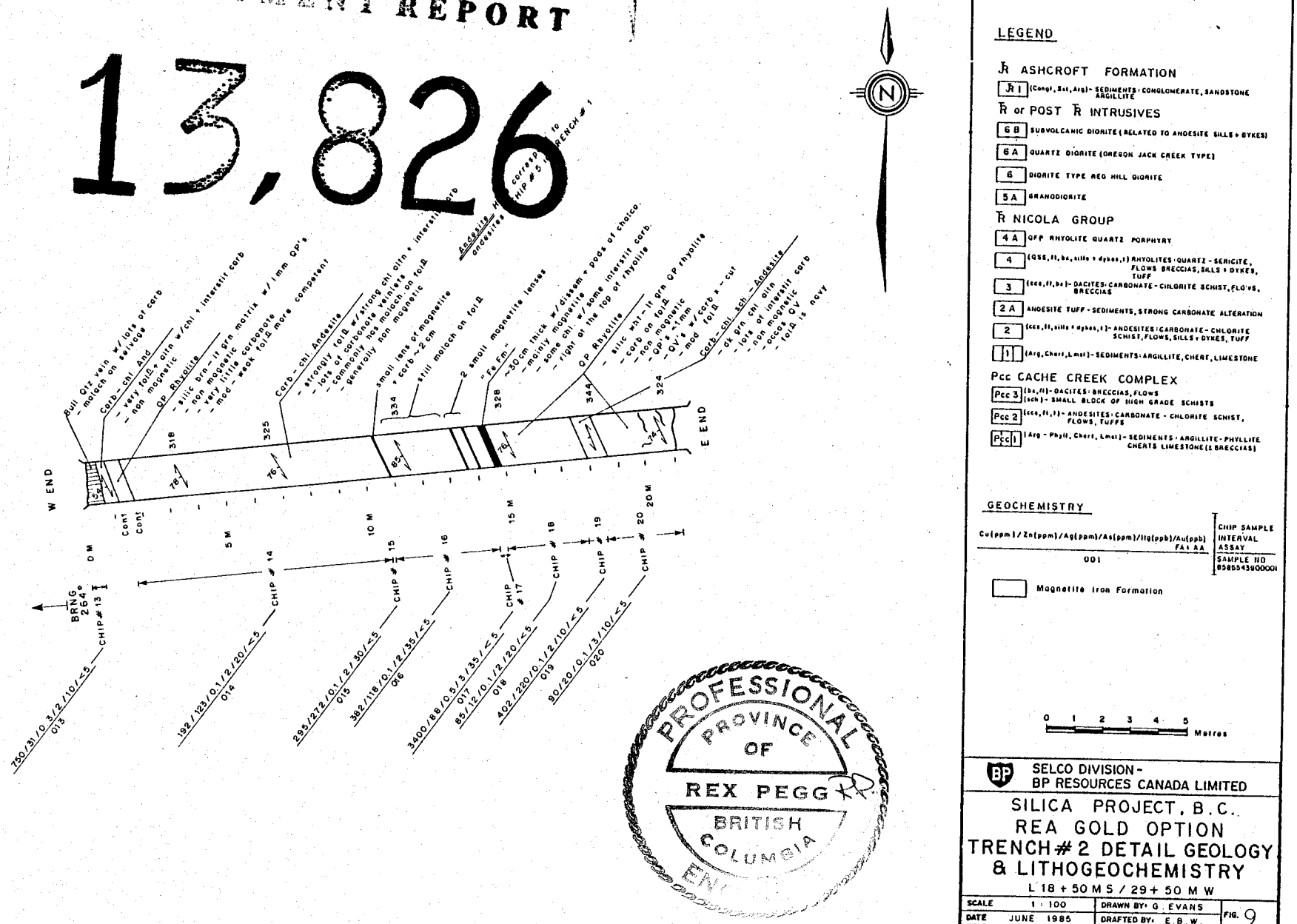
SILICA PROJECT, B. C.

REA GOLD OPTION

TRENCH # 1 DETAIL GEOLOGY & LITHOGEOCHEMISTRY

L 18 + 75 m S / 29 + 50 m W

SCALE 1 : 100		DRAWN BY: G. EVANS	FIG. 8
DATE JUNE 1985		DRAFTED BY: L. G.	
N.T.S. 92 I / 11	PROJ. 10110	REPORT	



LEGEND

JR ASHCROFT FORMATION

- JR 1 — (Congl, Sst, Arg) - SEDIMENTS: CONGLOMERATE, SANDSTONE ARGILLITE

TR or POST TR INTRUSIVES

- 6 B — SUBVOLCANIC DIORITE (RELATED TO ANDESITE SILLS + DYKES)
- 6 A — QUARTZ DIORITE (OREGON JACK CREEK TYPE)
- 6 — DIORITE TYPE REG HILL DIORITE
- 5 A — GRANODIORITE

TR NICOLA GROUP

- 4 A — QFP RHYOLITE QUARTZ PORPHYRY
- 4 — (QSS, ff, ba, sills + dykes, f) RHYOLITES: QUARTZ - SERICITE, FLOWS BRECCIAS, SILLS + DYKES, TUFF
- 3 — (ccs, ff, ba) - DACITES: CARBONATE - CHLORITE SCHIST, FLOWS, BRECCIAS
- 2 A — ANDESITE TUFF - SEDIMENTS, STRONG CARBONATE ALTERATION
- 2 — (ccs, ff, sills + dykes, f) - ANDESITES: CARBONATE - CHLORITE SCHIST, FLOWS, SILLS + DYKES, TUFF
- 1 — (Arg, Chert, Lmst) - SEDIMENTS: ARGILLITE, CHERT, LIMESTONE

Pcc CACHE CREEK COMPLEX

- Pcc 3 — (ba, fl) - DACITES: BRECCIAS, FLOWS (sch) - SMALL BLOCK OF HIGH GRADE SCHISTS
- Pcc 2 — (ccs, ff, f) - ANDESITES: CARBONATE - CHLORITE SCHIST, FLOWS, TUFFS
- Pcc 1 — (Arg - Phyll, Chert, Lmst) - SEDIMENTS: ARGILLITE - PHYLLITE CHERTS LIMESTONE (± BRECCIAS)

GEOCHEMISTRY

Cu(ppm)/Zn(ppm)/Ag(ppm)/As(ppm)/Hg(ppb)/Au(ppb) FA+AA
001

CHIP SAMPLE INTERVAL ASSAY
SAMPLE NO 0586543900001

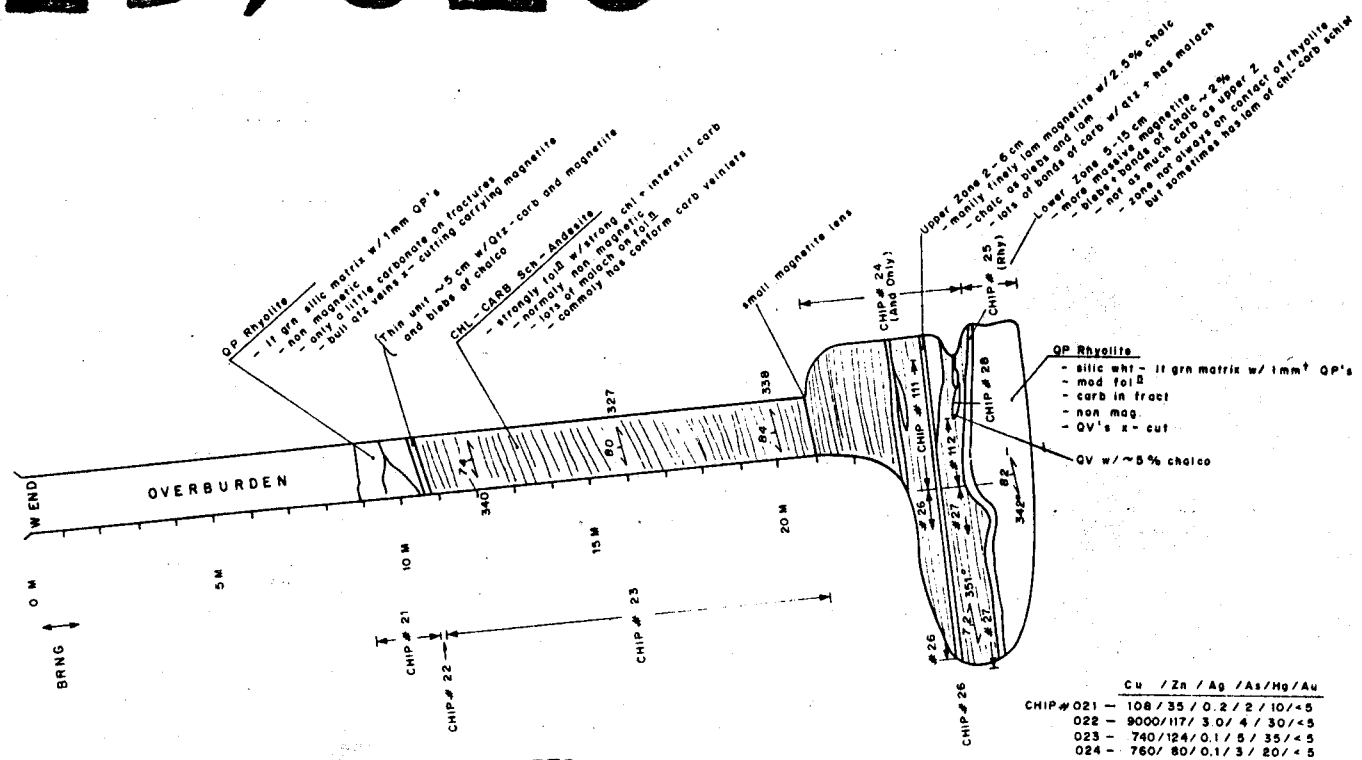
Magnetite Iron Formation

0 1 2 3 4 5 Metres

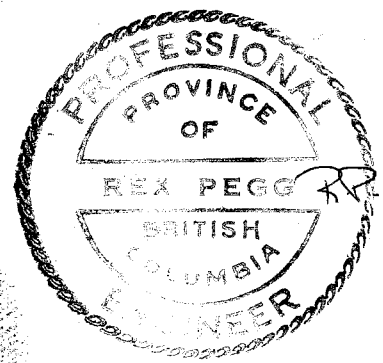
SELCO DIVISION - BP RESOURCES CANADA LIMITED

SILICA PROJECT, B.C.
REA GOLD OPTION
TRENCH #2 DETAIL GEOLOGY & LITHOGEOCHEMISTRY
L 18 + 50 M S / 29 + 50 M W

SCALE	1 : 100	DRAWN BY: G. EVANS	FIG. 9
DATE	JUNE 1985	DRAFTED BY: E. B. W.	
N.T.S. 92 I / 11 W	PROJ. 10110	REPORT	



	Cu	Zn	Ag	As	Hg	Au
CHIP # 021 –	108	35	0.2	2	10	<5
022 –	9000	117	3.0	4	30	<5
023 –	740	124	0.1	5	35	<5
024 –	760	80	0.1	3	20	<5
025 –	83	29	0.1	4	10	<5
026 –	>10000	74	4.0	3	40	<5
027 –	>10000	168	11.5	4	40	25
028 –	>10000	10	2.0	7	30	5
111 –	>10000	65	3.9	4	60	25
112 –	>10000	120	11.0	4	70	35



LEGEND

JR ASHCROFT FORMATION

- JR 1 — (Congl., Sst., Arg.) – SEDIMENTS: CONGLOMERATE, SANDSTONE ARGILLITE

TR or POST TR INTRUSIVES

- 6 B — SUBVOLCANIC DIORITE (RELATED TO ANDESITE SILLS + DYKES)
- 6 A — QUARTZ DIORITE (OREGON JACK CREEK TYPE)
- 6 — DIORITE TYPE REG HILL DIORITE
- 5 A — GRANODIORITE

TR NICOLA GROUP

- 4 A — QFP RHYOLITE QUARTZ PORPHYRY
- 4 — (Lss, fl, bx, sills + dykes, t) – RHYOLITES: QUARTZ-SERICITE, FLOWS BRECCIAS, SILLS + DYKES, TUFF
- 3 — (ccs, fl, bx) – DACITES: CARBONATE-CHLORITE SCHIST, FLOWS, BRECCIAS
- 2 A — ANDESITE TUFF - SEDIMENTS, STRONG CARBONATE ALTERATION
- 2 — (ccs, fl, sills + dykes, t) – ANDESITES: CARBONATE-CHLORITE SCHIST, FLOWS, SILLS + DYKES, TUFF
- 1 — (Arg, Chert, L mst) – SEDIMENTS: ARGILLITE, CHERT, LIMESTONE

Pcc CACHE CREEK COMPLEX

- Pcc 3 — (bx, fl) – DACITES: BRECCIAS, FLOWS; (sch) – SMALL BLOCK OF HIGH GRADE SCHISTS
- Pcc 2 — (ccs, fl, t) – ANDESITES: CARBONATE - CHLORITE SCHIST, FLOWS, TUFFS
- Pcc 1 — (Arg - Phyll, Chert, L mst) – SEDIMENTS: ARGILLITE - PHYLLITE CHERTS LIMESTONE (± BRECCIAS)

GEOCHEMISTRY

Cu(ppm)/Zn(ppm)/Ag(ppm)/As(ppm)/Hg(ppb)/Au(ppb) PA+AA — CHIP SAMPLE INTERVAL ASSAY

001 — SAMPLE NO 8585543900001

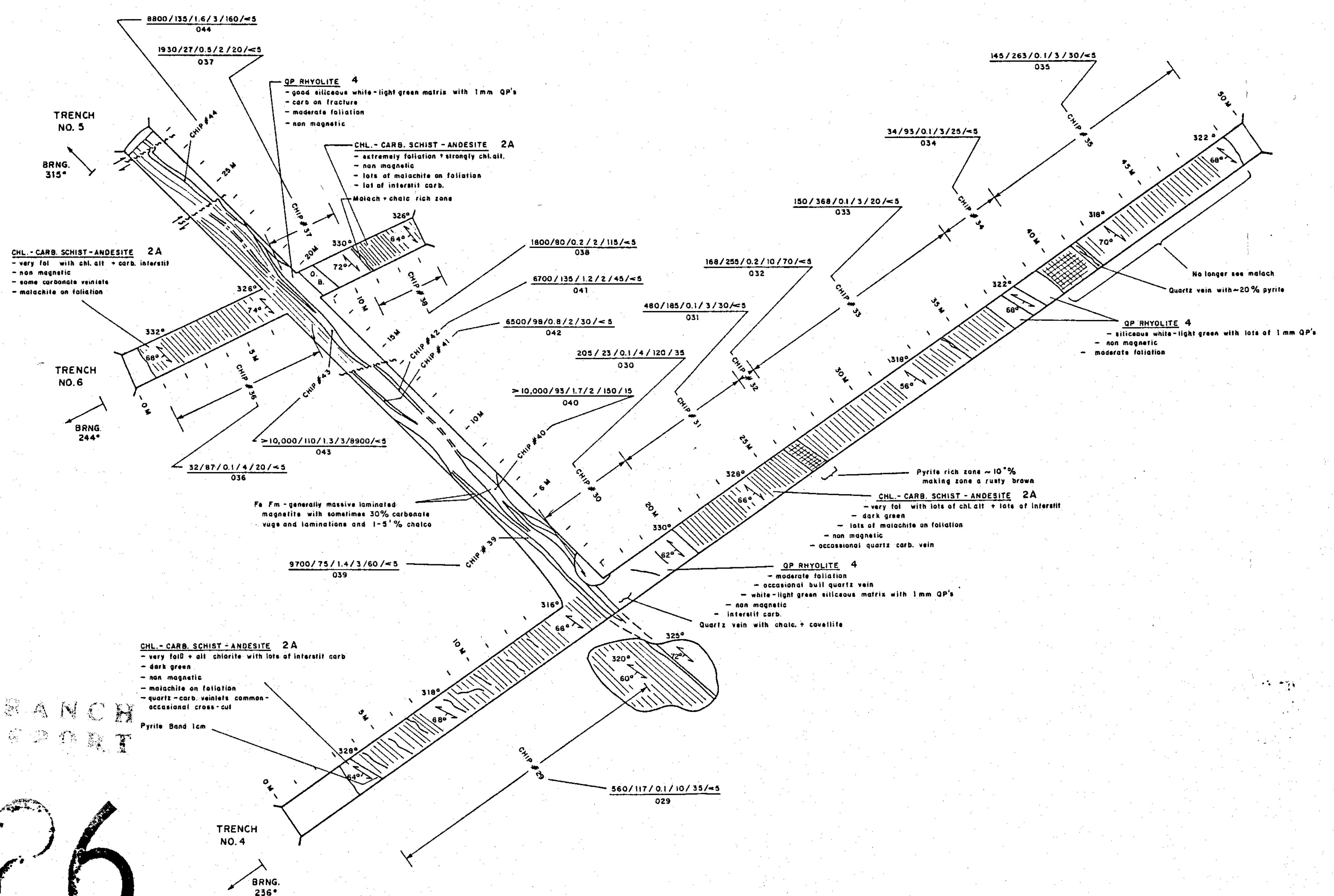
Magnetite Iron Formation

0 1 2 3 4 5 Metres

SELCO DIVISION - BP RESOURCES CANADA LIMITED

SILICA PROJECT, B.C.
REA GOLD OPTION
TRENCH # 3 DETAIL GEOLOGY & LITHOGEOCHEMISTRY
L 18 + 25 M S / 29 + 50 M W

SCALE	1 : 100	DRAWN BY: G. EVANS	FIG. 10
DATE	JUNE 1985	DRAFTED BY: E.B.W.	
N.T.S.	92 I / 11 W	PROJ. 10110	REPORT



LEGEND

Ʀ ASHCROFT FORMATION

- Ʀ1 (Congl., Sst., Arg.) - SEDIMENTS: CONGLOMERATE, SANDSTONE ARGILLITE

Ʀ or POST Ʀ INTRUSIVES

- 6B SUBVOLCANIC DIORITE (RELATED TO ANDESITE SILLS + DYKES)
- 6A QUARTZ DIORITE (OREGON JACK CREEK TYPE)
- 6 DIORITE TYPE RED HILL DIORITE
- 5A GRANODIORITE

Ʀ NICOLA GROUP

- 4A QFP RHYOLITE QUARTZ PORPHYRY
- 4 (QSS, ll, bx, sills + dykes, t) RHYOLITES: QUARTZ - SERICITE, FLOWS BRECCIAS, SILLS + DYKES, TUFF
- 3 (ccs, ll, bx) - DACITES: CARBONATE - CHLORITE SCHIST, FLOWS, BRECCIAS
- 2A ANDESITE TUFF - SEDIMENTS, STRONG CARBONATE ALTERATION
- 2 (ccs, ll, sills + dykes, t) - ANDESITES: CARBONATE - CHLORITE SCHIST, FLOWS, SILLS + DYKES, TUFF
- 1 (Arg., Chert, Lmst) - SEDIMENTS: ARGILLITE, CHERT, LIMESTONE

Pcc CACHE CREEK COMPLEX

- Pcc 3 (bx, ll) - DACITES: BRECCIAS, FLOWS (sch) - SMALL BLOCK OF HIGH GRADE SCHISTS
- Pcc 2 (ccs, ll, t) - ANDESITES: CARBONATE - CHLORITE SCHIST, FLOWS, TUFFS
- Pcc 1 (Arg - Phyll, Chert, Lmst) - SEDIMENTS: ARGILLITE - PHYLLITE CHERTS LIMESTONE (L BRECCIAS)

GEOCHEMISTRY

Cu(ppm)/Zn(ppm)/Ag(ppm)/As(ppm)/Hg(ppb)/Au(ppb) FA+AA — CHIP SAMPLE INTERVAL ASSAY

001 — SAMPLE NO 856054390000I

Magnetite Iron Formation

METRES 0 2 4 6 8 10

SELCO DIVISION - BP RESOURCES CANADA LIMITED

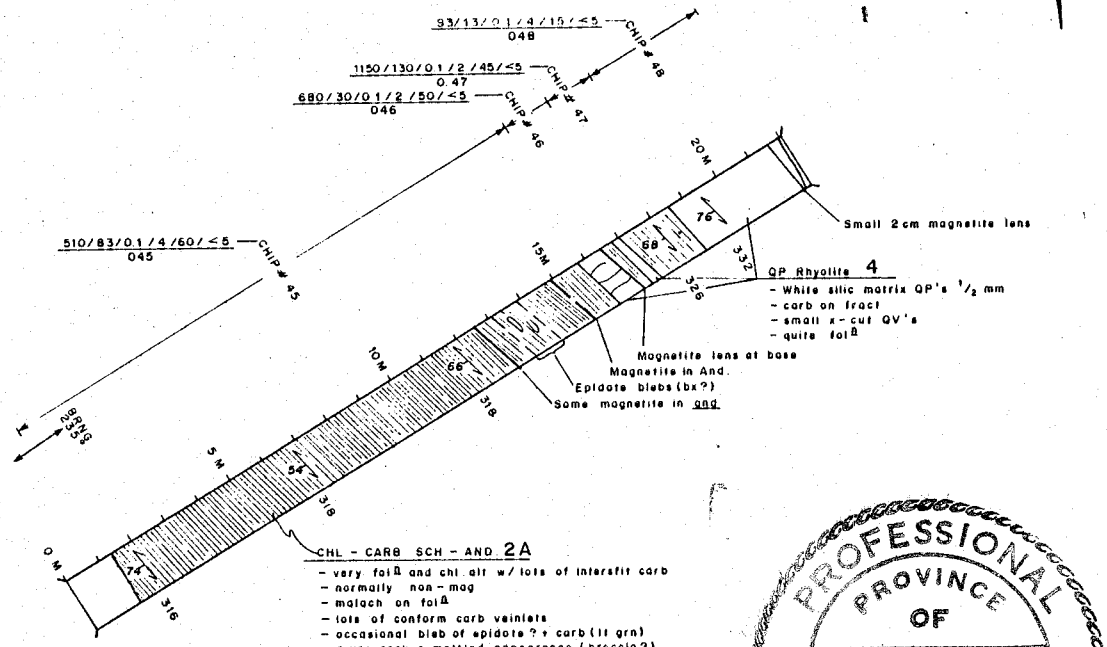
SILICA PROJECT, B.C.
REA GOLD OPTION

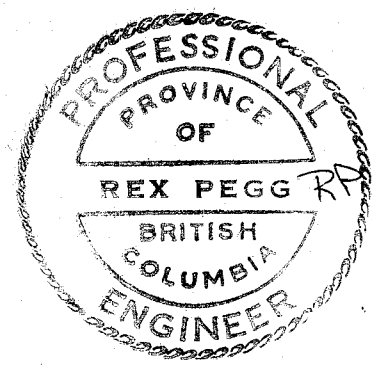
TRENCH # 4,5,6 DETAIL GEOLOGY & LITHOGEOCHEMISTRY

L18+00m S / 29+50 m W

SCALE 1:100	DRAWN BY: G. EVANS	FIG. 11
DATE SEPTEMBER 1985	DRAFTED BY: L.G.	
N.T.S. 92 I / 11w	PROJ. 10110	REPORT

13,826





LEGEND

JR ASHCROFT FORMATION

- JR1 (Congl, Sst, Arg) - SEDIMENTS: CONGLOMERATE, SANDSTONE ARGILLITE

TR or POST TR INTRUSIVES

- 6B SUBVOLCANIC DIORITE (RELATED TO ANDESITE SILLS + DYKES)
- 6A QUARTZ DIORITE (OREGON JACK CREEK TYPE)
- 6 DIORITE TYPE RED HILL DIORITE
- 5A GRANODIORITE

TR NICOLA GROUP

- 4A QFP RHYOLITE QUARTZ PORPHYRY
- 4 (QBS, fl, bx, silic + dykes, ?) RHYOLITES: QUARTZ - SERICITE, FLOWS BRECCIAS, SILLS + DYKES, TUFF
- 3 (ccs, fl, bx) - DACITES: CARBONATE - CHLORITE SCHIST, FLOWS, BRECCIAS
- 2A ANDESITE TUFF - SEDIMENTS, STRONG CARBONATE ALTERATION
- 2 (ccs, fl, silic + dykes, ?) - ANDESITES: CARBONATE - CHLORITE SCHIST, FLOWS, SILLS + DYKES, TUFF
- 1 (Arg, Chert, Lmst) - SEDIMENTS: ARGILLITE, CHERT, LIMESTONE

Pcc CACHE CREEK COMPLEX

- Pcc 3 (bx, fl) - DACITES: BRECCIAS, FLOWS (sch) - SMALL BLOCK OF HIGH GRADE SCHISTS
- Pcc 2 (ccs, fl, t) - ANDESITES: CARBONATE - CHLORITE SCHIST, FLOWS, TUFFS
- Pcc 1 (Arg - Phyll, Chert, Lmst) - SEDIMENTS: ARGILLITE - PHYLLITE CHERTS LIMESTONE (± BRECCIAS)

GEOCHEMISTRY

Cu(ppm)/Zn(ppm)/Ag(ppm)/As(ppm)/Hg(ppb)/Au(ppb) FA+AA
001

CHIP SAMPLE INTERVAL ASSAY
SAMPLE NO 8585543900001

Magnetite Iron Formation

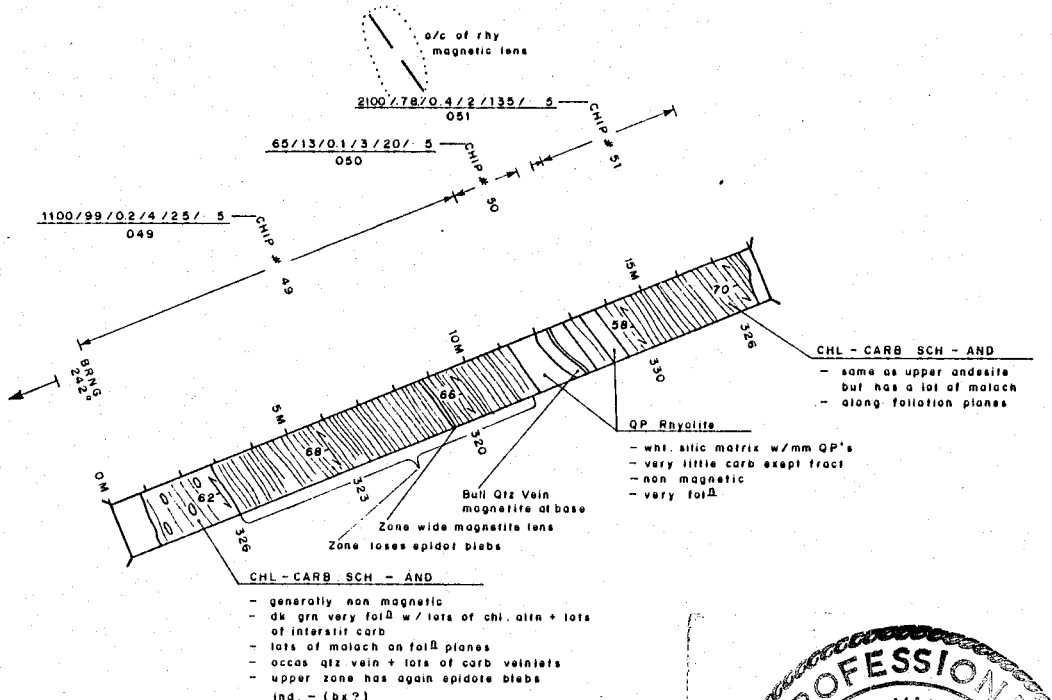
0 1 2 3 4 5 Metres

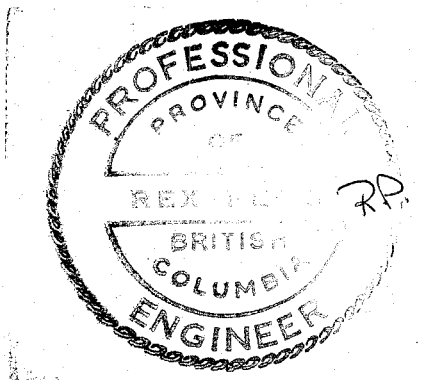
SELCO DIVISION - BP RESOURCES CANADA LIMITED

SILICA PROJECT, B.C.
REA GOLD OPTION
TRENCH # 7 DETAIL GEOLOGY & LITHOGEOCHEMISTRY
L 17 + 00 M S / 29 + 50 M W

SCALE 1 : 100		DRAWN BY: G. EVANS	FIG. 12
DATE JUNE 1985		DRAFTED BY: E B W.	
N.T.S. 92 I / 11 W	PROJ. 10110	REPORT	

13,826





LEGEND

ASHCROFT FORMATION

- JR 1 — (Congl, Sst, Arg) - SEDIMENTS: CONGLOMERATE, SANDSTONE ARGILLITE

TR or POST TR INTRUSIVES

- 6B — SUBVOLCANIC DIORITE (RELATED TO ANDESITE SILLS + DYKES)
- 6A — QUARTZ DIORITE (OREGON JACK CREEK TYPE)
- 6 — DIORITE TYPE RED HILL DIORITE
- 5A — GRANODIORITE

TR NICOLA GROUP

- 4A — QFP RHYOLITE QUARTZ PORPHYRY
- 4 — (QBSS, fl, bx, sills + dykes, t) RHYOLITES: QUARTZ - SERICITE, FLOWS BRECCIAS, SILLS + DYKES, TUFF
- 3 — (ccs, fl, bx) - DACITES: CARBONATE - CHLORITE SCHIST, FLOWS, BRECCIAS
- 2A — ANDESITE TUFF - SEDIMENTS, STRONG CARBONATE ALTERATION
- 2 — (ccs, fl, sills + dykes, t) - ANDESITES: CARBONATE - CHLORITE SCHIST, FLOWS, SILLS + DYKES, TUFF
- 1 — (Arg, Chert, Lmst) - SEDIMENTS: ARGILLITE, CHERT, LIMESTONE

Pcc CACHE CREEK COMPLEX

- Pcc 3 — (bx, fl) - DACITES: BRECCIAS, FLOWS; (sch) - SMALL BLOCK OF HIGH GRADE SCHISTS
- Pcc 2 — (ccs, fl, t) - ANDESITES: CARBONATE - CHLORITE SCHIST, FLOWS, TUFFS
- Pcc 1 — (Arg - Phyll, Chert, Lmst) - SEDIMENTS: ARGILLITE - PHYLLITE CHERTS LIMESTONE (± BRECCIAS)

GEOCHEMISTRY

Cu(ppm) / Zn(ppm) / Ag(ppm) / As(ppm) / Hg(ppb) / Au(ppb) FA+AA
001

CHIP SAMPLE INTERVAL
ASSAY
SAMPLE NO 8585543900001

Magnetite Iron Formation

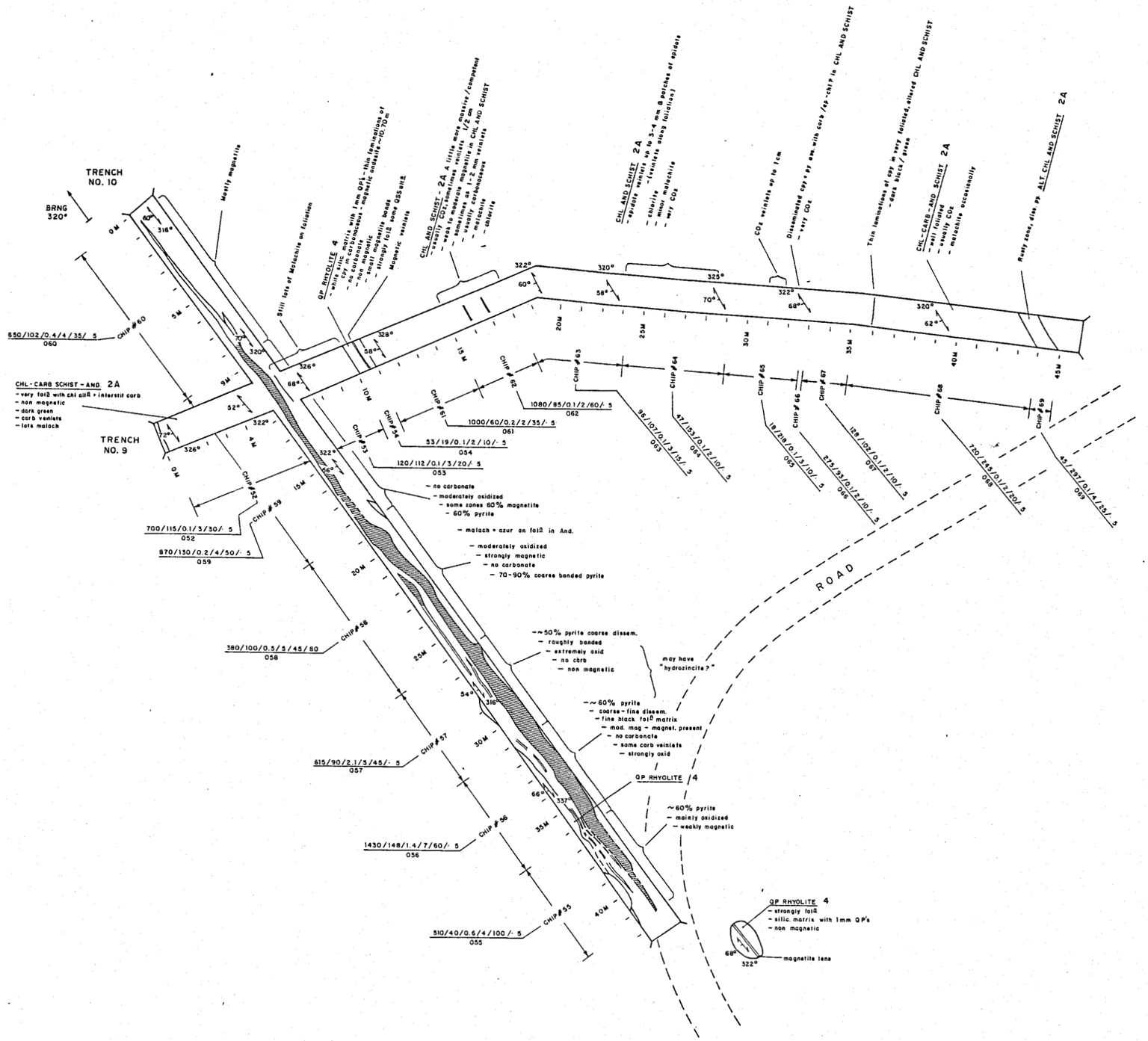
0 1 2 3 4 5 Metres

SELCO DIVISION - BP RESOURCES CANADA LIMITED

SILICA PROJECT, B.C.
REA GOLD OPTION
TRENCH # 8 DETAIL GEOLOGY & LITHOGEOCHEMISTRY

L 16 + 20 M S / 29 + 50 M W

SCALE 1 : 100	DRAWN BY: G. EVANS	FIG. 13
DATE JUNE 1985	DRAFTED BY: E.B.W.	
M.T.S. 92 I / 11 W	PROJ. 10110	REPORT



LEGEND

Jr ASHCROFT FORMATION

- J1 — (Congl., Sst, Arg)- SEDIMENTS - CONGLOMERATE, SANDSTONE ARGILLITE

Tr or POST Tr INTRUSIVES

- 6B — SUBVOLCANIC DIORITE (RELATED TO ANDESITE SILLS + DYKES)
- 6A — QUARTZ DIORITE (OREGON JACK CREEK TYPE)
- 6 — DIORITE TYPE RED HILL DIORITE
- 5A — GRANODIORITE

Tr NICOLA GROUP

- 4A — QFP RHYOLITE QUARTZ PORPHYRY
- 4 — (QSS, fl, bx, sills + dykes,) RHYOLITES - QUARTZ - SERICITE, FLOWS BRECCIAS, SILLS + DYKES, TUFF
- 3 — (ccs, fl, bx) - DACITES - CARBONATE - CHLORITE SCHIST, FLOWS, BRECCIAS
- 2A — ANDESITE TUFF - SEDIMENTS, STRONG CARBONATE ALTERATION
- 2 — (ccs, fl, sills + dykes,) - ANDESITES - CARBONATE - CHLORITE SCHIST, FLOWS, SILLS + DYKES, TUFF
- 1 — (Arg, Chert, Lmst) - SEDIMENTS - ARGILLITE, CHERT, LIMESTONE

Pcc CACHE CREEK COMPLEX

- Pcc 3 — (bx, fl) - DACITES - BRECCIAS, FLOWS (ccs) - SMALL BLOCK OF HIGH GRADE SCHISTS
- Pcc 2 — (ccs, fl, t) - ANDESITES - CARBONATE - CHLORITE SCHIST, FLOWS, TUFFS
- Pcc 1 — (Arg - Phyll, Chert, Lmst) - SEDIMENTS - ARGILLITE - PHYLLITE CHERTS LIMESTONE (L BRECCIAS)

GEOCHEMISTRY

Cu(ppm) / Zn(ppm) / Ag(ppm) / As(ppm) / Hg(ppb) / Au(ppb) FA+AA — CHIP SAMPLE INTERVAL ASSAY

001 — SAMPLE NO 858554390000I

SULPHIDE IRON FORMATION

MAGNETITE IRON FORMATION

PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — REX PEGG P.Eng.

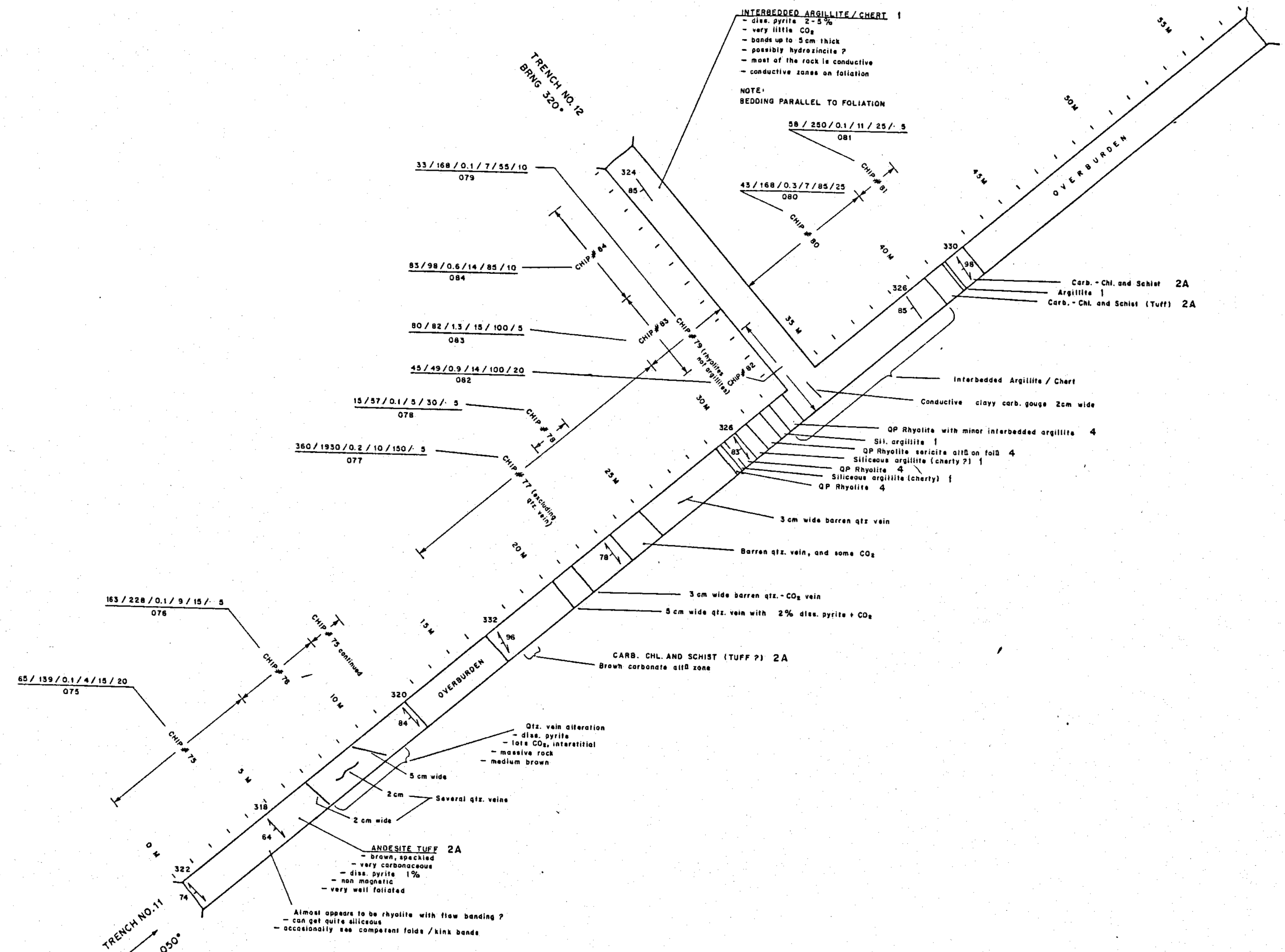
0 2 4 6 8 10

METRES

SELCO DIVISION - BP RESOURCES CANADA LIMITED

SILICA PROJECT, B.C.
REA GOLD OPTION
TRENCH # 9 & 10 DETAIL GEOLOGY & LITHOGEOCHEMISTRY
L 16 + 00 m S / 29 + 50 m W

SCALE 1 : 100	DRAWN BY: G. EVANS		FIG. 14
DATE SEPTEMBER 1985	DRAFTED BY: L. G.		
N.T.S. 92 I / 11 W	PROJ. 10110	REPORT	



LEGEND

Ʀ ASHCROFT FORMATION
- Ʀ1 (Congl, Sst, Arg) - SEDIMENTS: CONGLOMERATE, SANDSTONE, ARGILLITE

Ʀ or POST Ʀ INTRUSIVES
- 6B SUBVOLCANIC DIORITE (RELATED TO ANDESITE SILLS + DYKES)
- 6A QUARTZ DIORITE (OREGON JACK CREEK TYPE)
- 6 DIORITE TYPE RED HILL DIORITE
- 5A GRANODIORITE

Ʀ NICOLA GROUP
- 4A QFP RHYOLITE QUARTZ PORPHYRY
- 4 (QSS, ff, bx, sills + dykes, t) RHYOLITES: QUARTZ - SERICITE, FLOWS BRECCIAS, SILLS + DYKES, TUFF
- 3 (dcs, ff, bx) - DACITES: CARBONATE - CHLORITE SCHIST, FLOWS, BRECCIAS
- 2A ANDESITE TUFF - SEDIMENTS, STRONG CARBONATE ALTERATION
- 2 (dcs, ff, sills + dykes, t) - ANDESITES: CARBONATE - CHLORITE SCHIST, FLOWS, SILLS + DYKES, TUFF
- 1 (Arg, Chert, Lmst) - SEDIMENTS: ARGILLITE, CHERT, LIMESTONE

Pcc CACHE CREEK COMPLEX
- Pcc 3 (bx, ff) - DACITES: BRECCIAS, FLOWS; (sch) - SMALL BLOCK OF HIGH GRADE SCHISTS
- Pcc 2 (dcs, ff, t) - ANDESITES: CARBONATE - CHLORITE SCHIST, FLOWS, TUFFS
- Pcc 1 (Arg - Phyll, Chert, Lmst) - SEDIMENTS: ARGILLITE - PHYLLITE, CHERTS LIMESTONE (& BRECCIAS)

GEOCHEMISTRY

Cu(ppm) / Zn(ppm) / Ag(ppm) / As(ppm) / Hg(ppb) / Au(ppb) FA + AA — CHIP SAMPLE INTERVAL ASSAY
001 — SAMPLE NO.

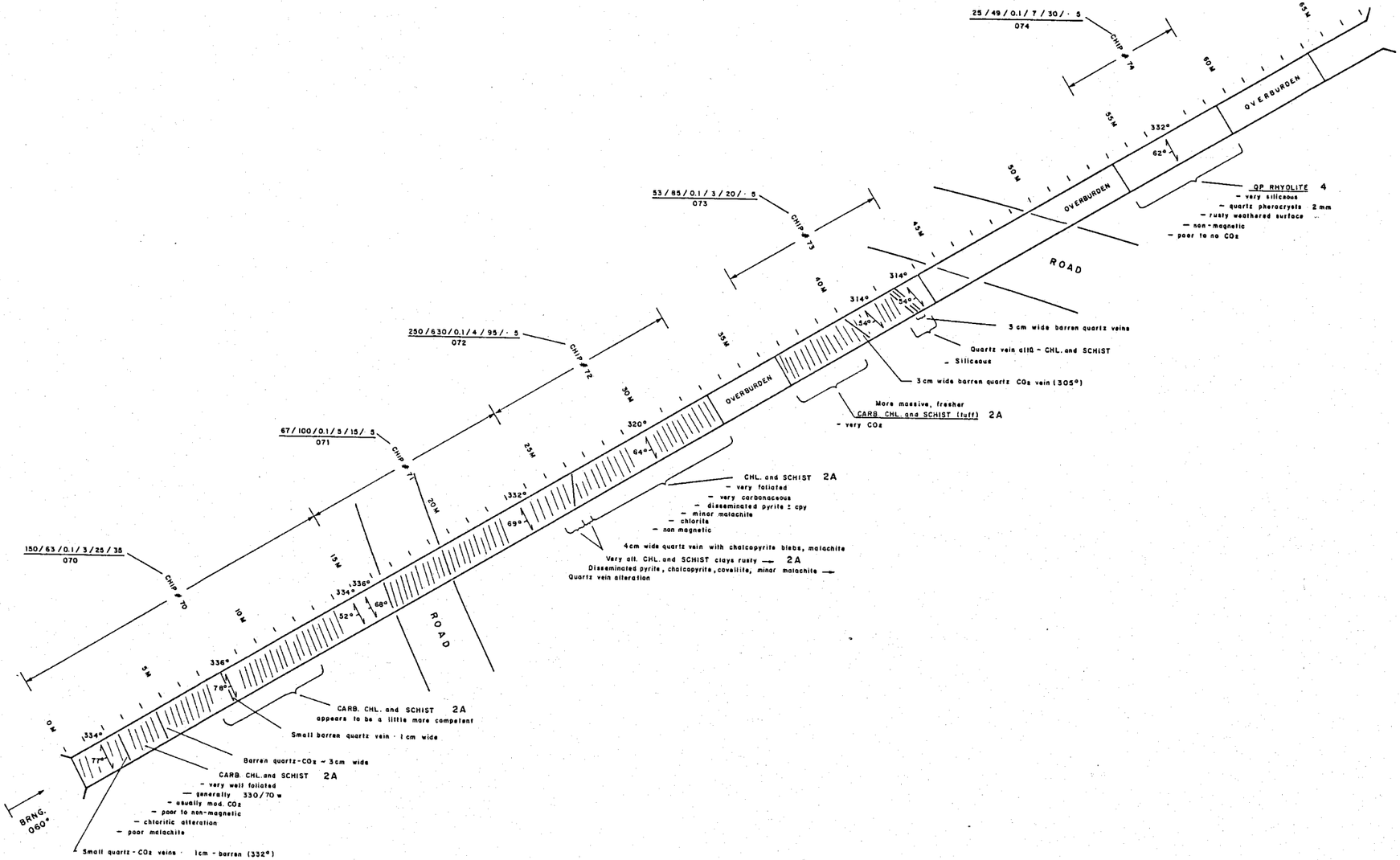
PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — REX PEGG

0 2 4 6 8 10
METRES

SELCO DIVISION -
BP RESOURCES CANADA LIMITED

SILICA PROJECT, B.C.
REA GOLD OPTION
TRENCH #11 & 12 DETAIL GEOLOGY
& LITHOGEOCHEMISTRY
L 16 + 00 m S / 25 + 50 m W

SCALE 1 : 100	DRAWN BY: G. EVANS	FIG. 15	
DATE SEPTEMBER 1985	DRAFTED BY: L. G.		
N.T.S. 92 I / 11 W	PROJ. 10110	REPORT	



LEGEND

J̄R ASHCROFT FORMATION

- JR1 (Congl, Sst, Arg)- SEDIMENTS: CONGLOMERATE, SANDSTONE ARGILLITE

P̄R or POST P̄R INTRUSIVES

- 6B SUBVOLCANIC DIORITE (RELATED TO ANDESITE SILLS + DYKES)
- 6A QUARTZ DIORITE (OREGON JACK CREEK TYPE)
- 6 DIORITE TYPE REG HILL DIORITE
- 5A GRANODIORITE

P̄R NICOLA GROUP

- 4A QFP RHYOLITE QUARTZ PORPHYRY
- 4 (QSS, Cl, Bx, sills + dykes, ±) RHYOLITES: QUARTZ - SERICITE, FLOWS BRECCIAS, SILLS + DYKES, TUFF
- 3 (Aes, Fl, Bx)- DACITES: CARBONATE - CHLORITE SCHIST, FLOWS, BRECCIAS
- 2A ANDESITE TUFF - SEDIMENTS, STRONG CARBONATE ALTERATION
- 2 (Aes, Fl, sills + dykes, ±)- ANDESITES: CARBONATE - CHLORITE SCHIST, FLOWS, SILLS + DYKES, TUFF
- 1 (Arg, Chert, Lmst)- SEDIMENTS: ARGILLITE, CHERT, LIMESTONE

Pcc CACHE CREEK COMPLEX

- Pcc 3 (Bx, Fl)- DACITES: BRECCIAS, FLOWS (Lmst)- SMALL BLOCK OF HIGH GRADE SCHISTS
- Pcc 2 (Aes, Fl, ±)- ANDESITES: CARBONATE - CHLORITE SCHIST, FLOWS, TUFFS
- Pcc 1 (Arg - Phyll, Chert, Lmst)- SEDIMENTS: ARGILLITE - PHYLLITE CHERTS LIMESTONE (± BRECCIAS)

GEOCHEMISTRY

Cu(ppm)/Zn(ppm)/Ag(ppm)/As(ppm)/Hg(ppb)/Au(ppb) Fa+AA — CHIP SAMPLE INTERVAL ASSAY

001 — SAMPLE NO 858554390000I

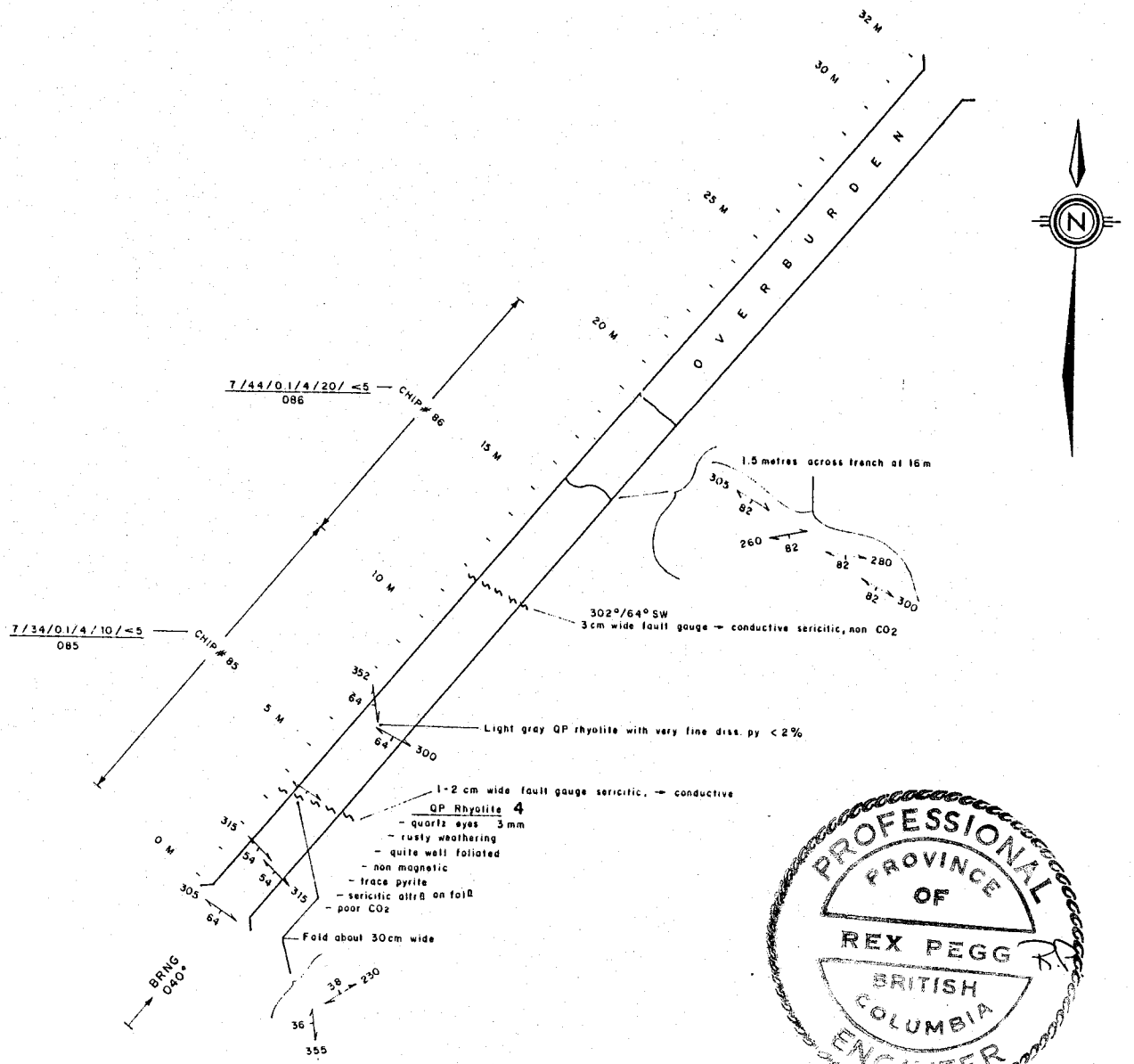
0 2 4 6 8 10
METRES

SELCO DIVISION -
BP RESOURCES CANADA LIMITED

SILICA PROJECT, B.C.
REA GOLD OPTION
TRENCH # 13 DETAIL GEOLOGY & LITHOGEOCHEMISTRY

L 14 + 00m S / 25 + 50 m W

SCALE 1:100		DRAWN BY: G.EVANS	FIG. 16
DATE SEPTEMBER 1985		DRAFTED BY: L.G.	
N.T.S. 92 I/11 w	PROJ. 10110	REPORT	



LEGEND

JR ASHCROFT FORMATION

- JR 1 — (Congl, Sst, Arg) – SEDIMENTS: CONGLOMERATE, SANDSTONE ARGILLITE

TR or POST TR INTRUSIVES

- 6 B — SUBVOLCANIC DIORITE (RELATED TO ANDESITE SILLS + DYKES)
- 6 A — QUARTZ DIORITE (OREGON JACK CREEK TYPE)
- 6 — DIORITE TYPE RED HILL DIORITE
- 5 A — GRANODIORITE

TR NICOLA GROUP

- 4 A — QFP RHYOLITE QUARTZ PORPHYRY
- 4 — (QSS, fl, ba, sills + dykes, t) RHYOLITES: QUARTZ - SERICITE, FLOWS BRECCIAS, SILLS + DYKES, TUFF
- 3 — (cco, fl, ba) – DACITES: CARBONATE - CHLORITE SCHIST, FLOWS, BRECCIAS
- 2 A — ANDESITE TUFF - SEDIMENTS, STRONG CARBONATE ALTERATION
- 2 — (cco, fl, sills + dykes, t) – ANDESITES: CARBONATE - CHLORITE SCHIST, FLOWS, SILLS + DYKES, TUFF
- 1 — (Arg, Chert, Lmst) – SEDIMENTS: ARGILLITE, CHERT, LIMESTONE

Pcc CACHE CREEK COMPLEX

- Pcc 3 — (ba, fl) – DACITES: BRECCIAS, FLOWS; (sch) – SMALL BLOCK OF HIGH GRADE SCHISTS
- Pcc 2 — (cco, fl, t) – ANDESITES: CARBONATE - CHLORITE SCHIST, FLOWS, TUFFS
- Pcc 1 — (Arg - Phyll, Chert, Lmst) – SEDIMENTS: ARGILLITE - PHYLLITE CHERTS LIMESTONE (± BRECCIAS)

GEOCHEMISTRY

Cu(ppm) / Zn(ppm) / Ag(ppm) / As(ppm) / Hg(ppb) / Au(ppb) FA + AA

001

CHIP SAMPLE INTERVAL ASSAY

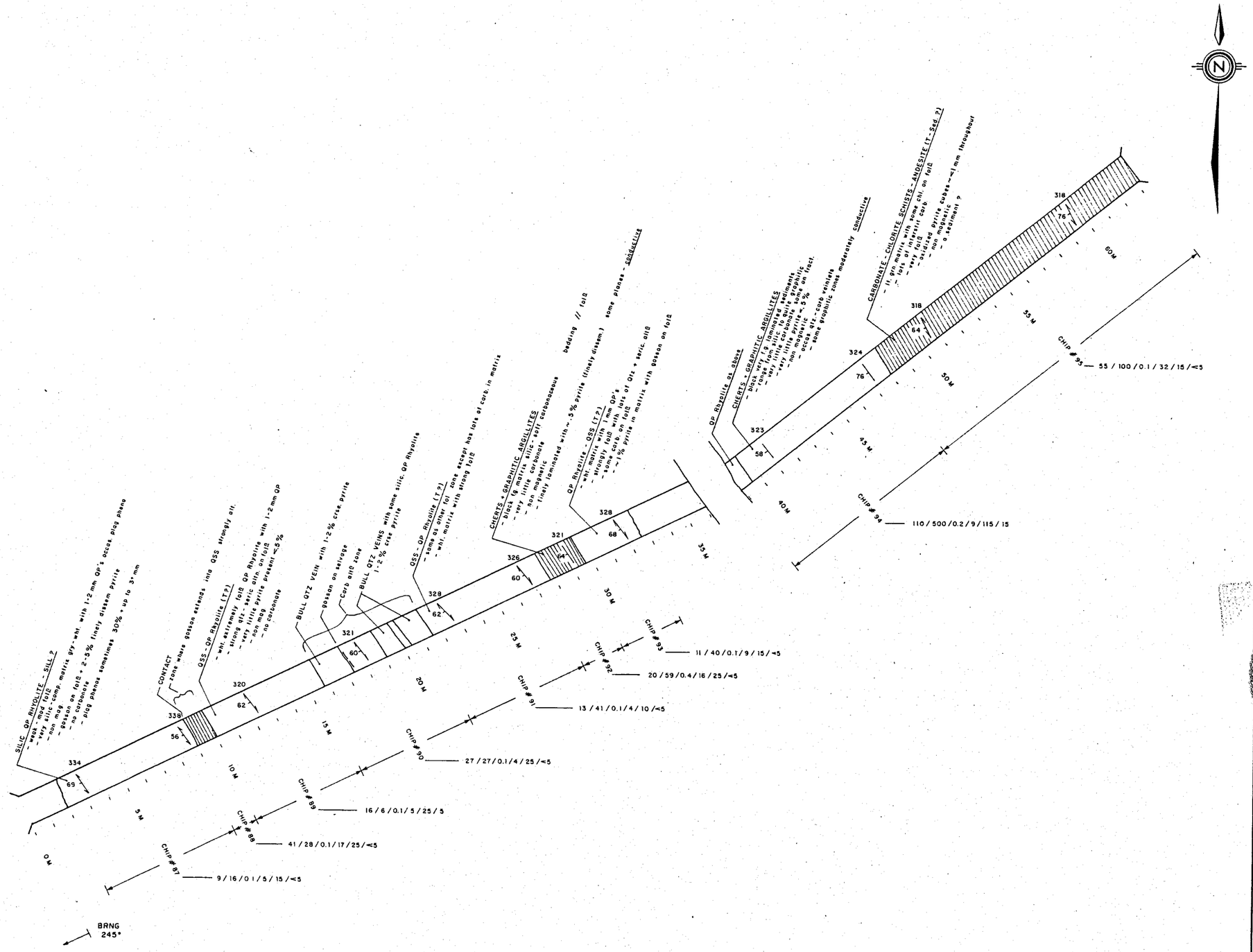
SAMPLE NO 650554390001

0 1 2 3 4 5 Metres

SELCO DIVISION - BP RESOURCES CANADA LIMITED

SILICA PROJECT, B.C.
REA GOLD OPTION
TRENCH # 14 DETAIL GEOLOGY & LITHOGEOCHEMISTRY
L 12 + 00 m S / 26 + 50 m W

SCALE 1:100		DRAWN BY: G. EVANS	FIG. 17
DATE JUNE 1985		DRAFTED BY: L. G.	
N.T.S. 92 I / 11 W	PROJ. 10110	REPORT	



LEGEND

JR ASHCROFT FORMATION

- JR 1 — (Congl, Sst, Arg) - SEDIMENTS: CONGLOMERATE, SANDSTONE ARGILLITE

TR or POST TR INTRUSIVES

- 6 B — SUBVOLCANIC DIORITE (RELATED TO ANDESITE SILLS + DYKES)
- 6 A — QUARTZ DIORITE (OREGON JACK CREEK TYPE)
- 5 — DIORITE TYPE RED HILL DIORITE
- 5 A — GRANODIORITE

TR NICOLA GROUP

- 4 A — QFP RHYOLITE QUARTZ PORPHYRY
- 4 — (QSS, fl, bx, stills + dykes, ?) RHYOLITES: QUARTZ - SERICITE FLOWS BRECCIAS, SILLS + DYKES, TUFF
- 3 — (ccs, fl, bx) - DACITES: CARBONATE - CHLORITE SCHIST, FLOWS, BRECCIAS
- 2 A — ANDESITE TUFF - SEDIMENTS, STRONG CARBONATE ALTERATION
- 2 — (ccs, fl, stills + dykes, ?) - ANDESITES: CARBONATE - CHLORITE SCHIST, FLOWS, SILLS + DYKES, TUFF
- 1 — (Arg, Chert, Lmst) - SEDIMENTS: ARGILLITE, CHERT, LIMESTONE

Pcc CACHE CREEK COMPLEX

- Pcc 3 — (bx, fl) - DACITES: BRECCIAS, FLOWS; (ccs) - SMALL BLOCK OF HIGH GRADE SCHISTS
- Pcc 2 — (ccs, fl, ?) - ANDESITES: CARBONATE - CHLORITE SCHIST, FLOWS, TUFFS
- Pcc 1 — (Arg - Phyll, Chert, Lmst) - SEDIMENTS: ARGILLITE - PHYLLITE CHERTS LIMESTONE (± BRECCIAS)

GEOCHEMISTRY

Cu(ppm) / Zn(ppm) / Ag(ppm) / As(ppm) / Hg(ppb) / Au(ppb) FA + AA — CHIP SAMPLE INTERVAL ASSAY

001 — SAMPLE NO 858554390006

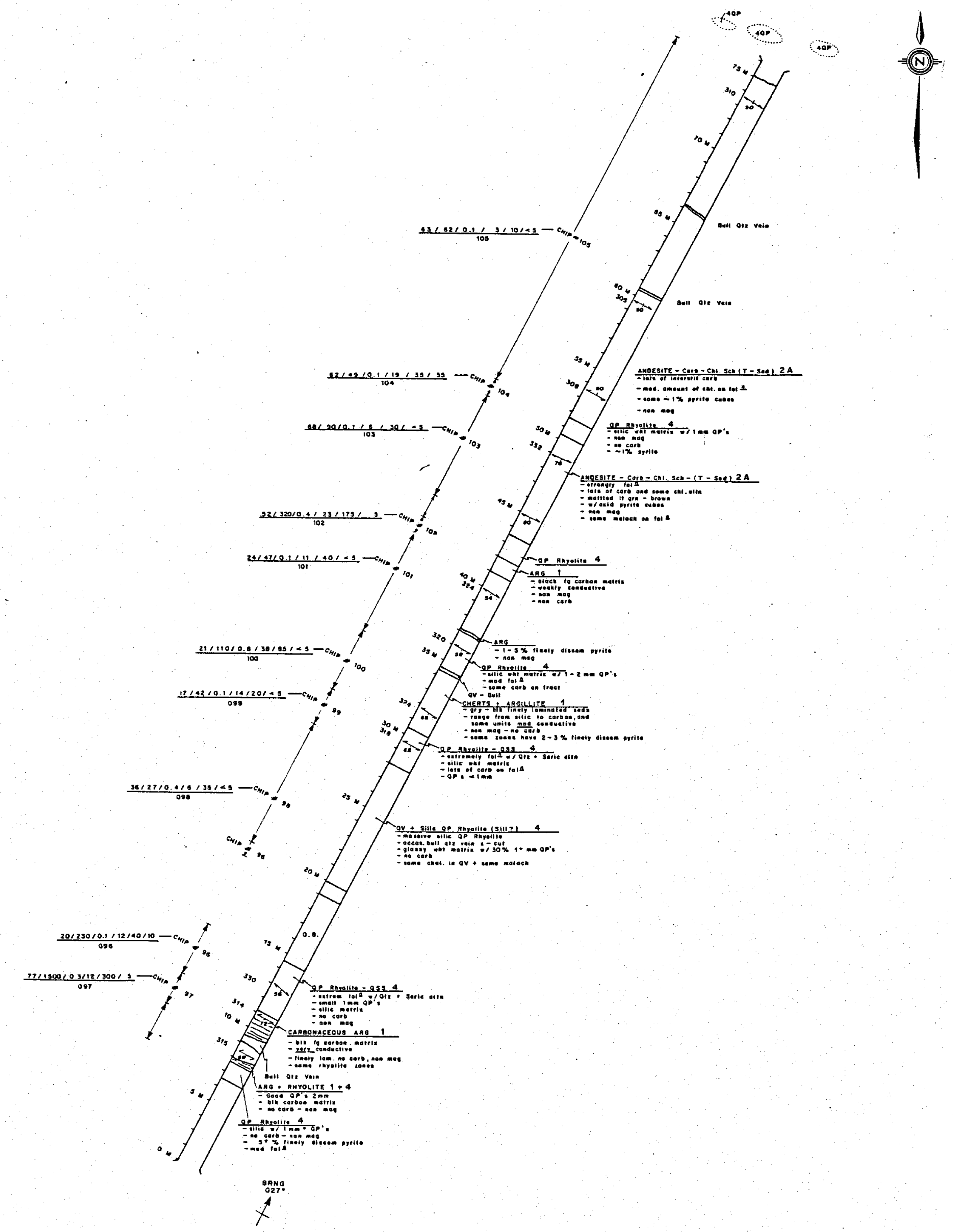
PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA

BP SELCO DIVISION - BP RESOURCES CANADA LIMITED

SILICA PROJECT, B.C.
REA GOLD OPTION
TRENCH #15 DETAIL GEOLOGY & LITHOGEOCHEMISTRY

L 10 + 00 m S / 26 + 50 m W

SCALE 1 : 100		DRAWN BY: G. EVANS	FIG. 18
DATE JUNE 1985		DRAFTED BY: L. G.	
N.T.S. 92 I / 11	PROJ. 10110	REPORT	



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REX PEGG
RP

LEGEND

Jℛ ASHCROFT FORMATION

- **Jℛ 1** (Congl, Sst, Arg) - SEDIMENTS: CONGLOMERATE, SANDSTONE ARGILLITE

ℛ or POST ℛ INTRUSIVES

- **6 B** SUBVOLCANIC DIORITE (RELATED TO ANDESITE SILLS + DYKES)
- **6 A** QUARTZ DIORITE (OREGON JACK CREEK TYPE)
- **6** DIORITE TYPE RED HILL DIORITE
- **5 A** GRANODIORITE

ℛ NICOLA GROUP

- **4 A** QFP RHYOLITE QUARTZ PORPHYRY
- **4** (QSS, fl, bx, sills + dykes, t) RHYOLITES: QUARTZ - SERICITE, FLOWS BRECCIAS, SILLS + DYKES, TUFF
- **3** (ccs, fl, bx) - DACITES: CARBONATE - CHLORITE SCHIST, FLOWS, BRECCIAS
- **2 A** ANDESITE TUFF - SEDIMENTS, STRONG CARBONATE ALTERATION
- **2** (ccs, fl, sills + dykes, t) - ANDESITES: CARBONATE - CHLORITE SCHIST, FLOWS, SILLS + DYKES, TUFF
- **1** (Arg, Chert, Lmst) - SEDIMENTS: ARGILLITE, CHERT, LIMESTONE

Pcc CACHE CREEK COMPLEX

- **Pcc 3** (bx, fl) - DACITES: BRECCIAS, FLOWS; (sch) - SMALL BLOCK OF HIGH GRADE SCHISTS
- **Pcc 2** (ccs, fl, t) - ANDESITES: CARBONATE - CHLORITE SCHIST, FLOWS, TUFFS
- **Pcc 1** (Arg - Phyll, Chert, Lmst) - SEDIMENTS: ARGILLITE - PHYLLITE, CHERTS LIMESTONE (± BRECCIAS)

GEOCHEMISTRY

Cu(ppm) / Zn(ppm) / Ag(ppm) / As(ppm) / Hg(ppb) / Au(ppb) FA + AA — CHIP SAMPLE INTERVAL ASSAY

001 — SAMPLE NO 8585543900001

0 1 2 3 4 5 6 7 8 9 10 METRES

SELCO DIVISION -
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SILICA PROJECT, B.C.
REA GOLD OPTION
TRENCH #16 DETAIL GEOLOGY & LITHOGEOCHEMISTRY

L 8 + 00 M S / 26 + 50 M W

SCALE 1 : 100	DRAWN BY: G. EVANS		FIG. 19
DATE - JUNE 1985	DRAFTED BY: E. B. W.		
N.T.S. 92 I / 11 W	PROJ. 10110	REPORT	