49-# 986-#

PROGRESS REPORT

O N

THE 1980-81 EXPLORATION OF
THE BEAU GROUP OF CLAIMS
BURNS MTN., CARIBOO M.D.

N.T.S. 93H 4/E

LAT. 53°03' N LONG. 121°10' W

Owners: With Perry, J. Mckelvie. Operator: Spectrum Industrial Resources.

March 9, 1981

Vancouver, B.C.

By: I.Borovic, P.Eng.

Geologist

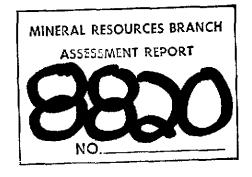
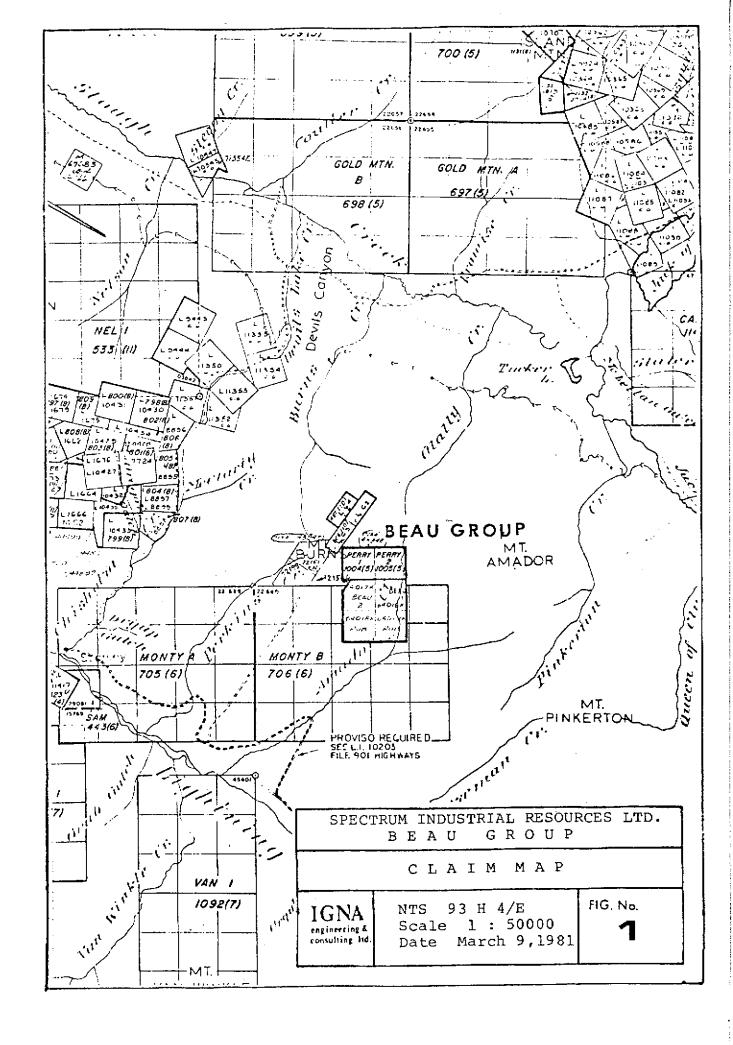
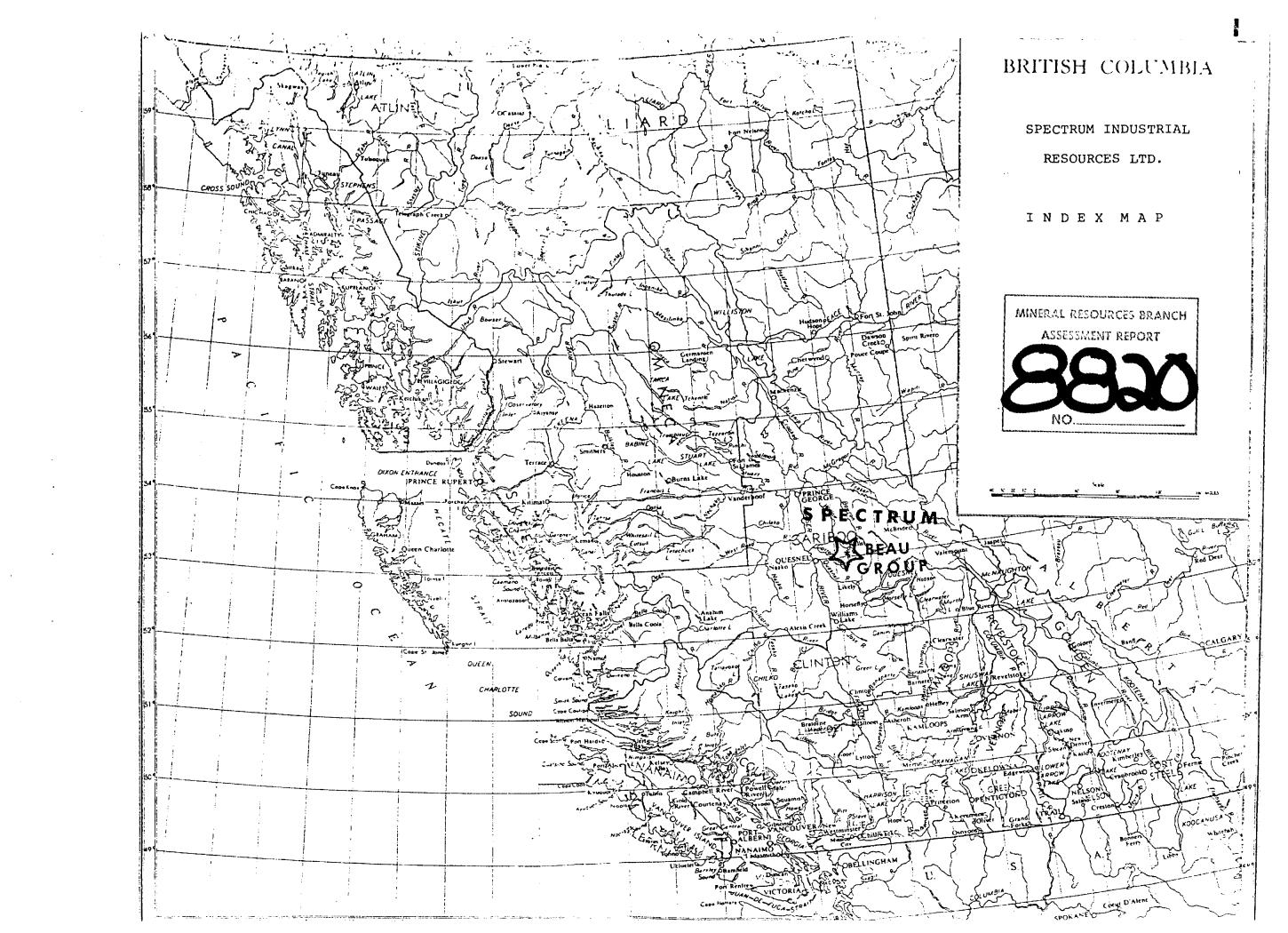
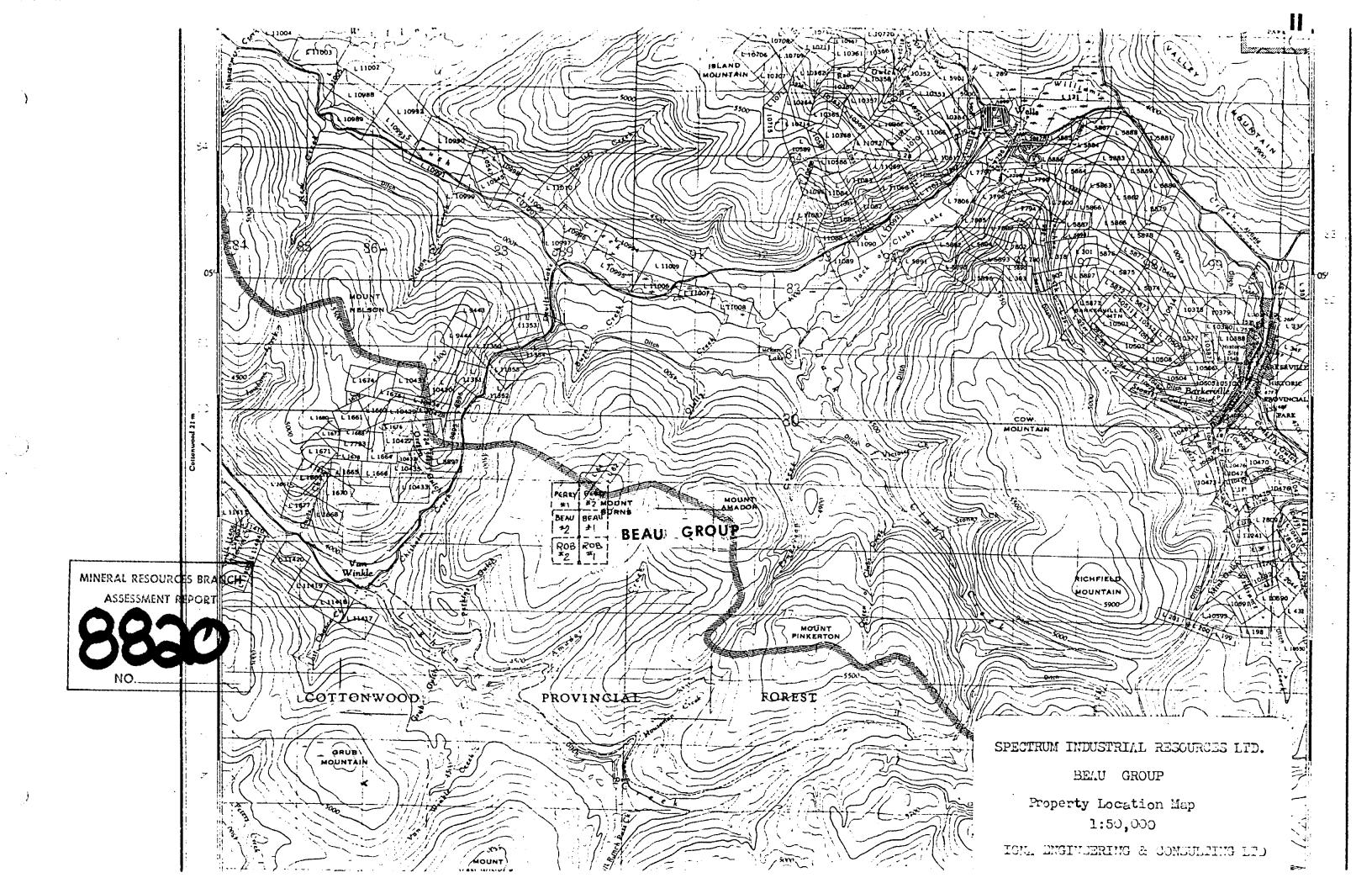


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Introduction

This report describes the exploration work done to date the results of mapping, trenching, sampling and diamond drilling. Furthermore, it describes and gives an appraisal of results and proposes a followup diamond drilling program.

Location: Lat. 53° 03' N. Long. 121° 10' W. N.T.S. 93H/4E on the southern slopes of Mount Burns, 10 km south of Wells, B.C.

Claim: Beau #1 & #2, Rob #1 & #2, Perry #1 & #2 were added onto the northern end of the property. (Fig. 1)

Owner: J. T. McKelvie & W. Perry by location. Acquired by Spectrum Industrial Resources Ltd. of Vancouver, B. C. on June 20, 1979.

Metal: Gold, Silver, Lead, Zinc

Description

Geology

Rocks of Hadrynian Kaza group and Snowshoe Formation are underlying the property. Main rock types recognized in the area are low-intensity metamorphic rocks: pheldspatic sandstones, micaeous and schistoze quartzites, phyllites and mica schists.

Because of the originally depositional nature with many depositional deformations combined with structure of the metamorphic rocks, the correlation and differentiation

of units inside one Group or Formation is nearly impossible. Therefore, there are not units differentiated on the map. Structure

The property is covering a small portion of the regionally recognized Lightning Creek Anticlinorium which strikes NW - SE with crest and axis following the valley of the Lightning Creek.

Numerous folds and some strong faulting was recognized and mapped by various geologists working in the Wells region and were observed by the author during his frequent visits to the Wells and Mount Burns area in recent months and earlier.

Original sedimentary deformations with slumping as the most prominent feature tend to be masked by metamorphism and s rong regional foliation.

General attitude of beds follows northwesterly to north strike with low to moderate northeast to easterly dips. Mineralization

The free gold found originally in the oxidized outdrops of the veins attracted attention of the oldtimers in the early days and a stamp-mill was erected on the property in the late 1870's, but "owing largely, apparently, to the metallurgical difficulties of gold recovery, with which the operators were confronted when the oxidized surface mineralization gave place to sulphides, at very shallow depth, mining had to be discontinued in the 1890's" J. P. Galloway (1932).

Gold, silver and lead mineralization occurs in quartz veins which were described by W. L. Uglow (1922) as cross-veins of the "B" type. There are four such veins recognized on the property. The veins vary in width up to 15, even 20 inches, striking N 20° E. and dipping steeply 70° - 80° southeast or northwest.

The veins' mineral paragenesis is quartz and siderite, with a considerable amount of pyrite and smaller amount of galena.

The mineralized veins are concentrated in three zones on the Beau Property:

- 1. Perkins Zone
- 2. Cohen Incline and
- 3. The Galena Vein Zone

1. Perkins Zone

A zone is encompassing some 300 feet of vein structure which was extensively worked by mostly shallow underhand stoping.

Gold bearing veins of 2 feet in width were reported by J. D. Galloway (1932).

2. The Cohen Incline Zone is located 1500 feet north of the Perkins Zone. The vein structure was mined by some open cutting and a shallow shaft-sinking. Bulldozer trenching in 1946 exposed four quartz veins and gold was reportedly recovered from one of the veins located 350 feet south of the Cohen Incline.

3. The Galena Vein Zone is located 300 feet northeast of the Perkins Zone. The vein is exposed for 190 feet and 1946 trenching did not extend the vein structure any further. Work Done To Date

The work comprised: Geological mapping, trenching & sampling, diamond drilling and opening of the old underground workings.

Geological mapping (Fig. 2)

Geological map was produced on the topographic base map scale 1:5000. It showed, beside geology, location of old surface and underground workings, new backhoe-cut trenches and diamond drill holes.

Trenching (Drawings No. 2, 2A, 3, 3A, 3B, 4, 4A)

Number of trenches was cut on Perkins, Cohen and Galena vein zones following mineralized quartz veins. The veins were sampled and have assayed good gold (0.002 oz/t to 7.8 oz/t) and silver (traces to 2.0 oz/t) values. Minor lead and zinc (trace to 2.7%) were found also.

Wall rock samples were assayed and showed only trace values of any metals.

Diamond drilling (Fig. No. 3 & 4)

Two out of three holes planned to test three mineralized zones were finished until January 1981. The third hole
S 80-3 was finished on January 1981. Hole S 80-1, drilled
on the Perkins zone, shows a number of structuraly parallel
mineralized quartz veins with low gold values of 0.002 oz/t,
silver 1.18 oz/t and very low lead and zinc values.

Hole S 80-2 drilled on the Cohen zone intersected twelve subparallel quartz vein structures with varying width of 0.4m to 3.0m.

Gold values range from 0.002 to 0.09 oz/t or (at 600.00/oz) from \$1.20 to \$54.00 per tonn.

Silver values range from 0.14 oz/t or \$2.00 to 0.66 oz/t or \$12.00 per tonn.

Both holes intersected wide (24.0 to 28.0 m) downdip projections of Perkins and Cohen vein zones but did not give us any metal values due to poor recovery of the quartz vein material.

Hole S 80-3, drilled in the Galena Vein zone, penetrated 98.7m of phyllites and sericitic quartzites. The hole intersected a broader zone but the results are poor recovery and no vein intersection. Assays show no mineral content. Underground workings

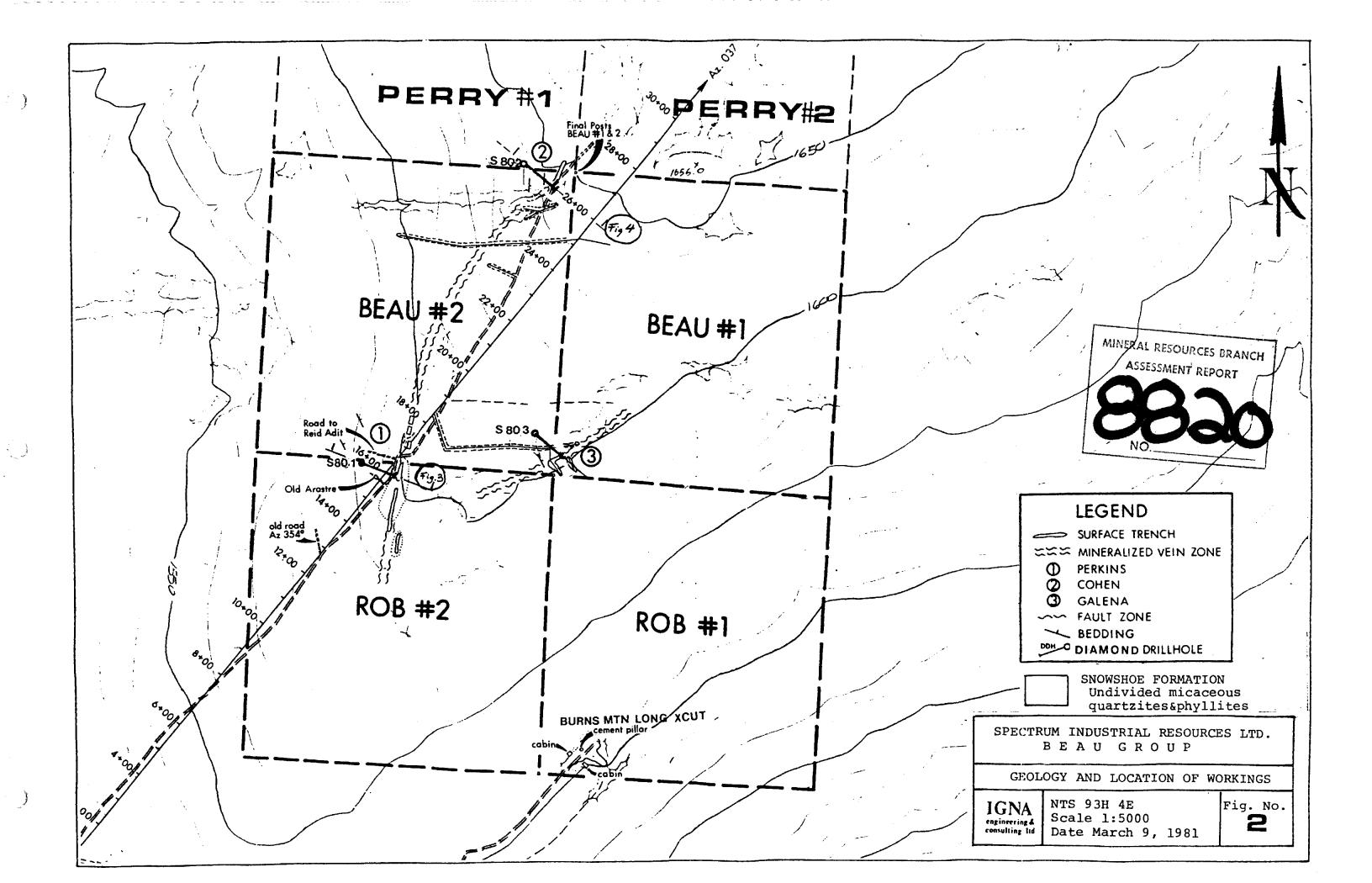
Reid tunnel was open and addit secured in September 1980. The work on the Burns Mtn long X cut addit started in December but mud-slides caused by unreliable weather delayed its opening. We are now in a last phase of timbering and securing the addit.

EXPLORATION RESULTS

Trenching

Perkins Zone (see drawing No. 2 & 2A)

Three trenches about 2.5m wide and 22.0m, 56.0m and 32.0m long, respectively, were cut parallel to old shallow



workings.

Trenches are extended approximately N - S and have exposed mineralized quartz vein crosscutting micaceous, schistose greywackes striking 180° and dipping 80-90° to the east. The wallrock sometimes contains large amounts of pyrite but assays show no gold, silver or any other economic metals. Mineralized quartz veins are filling open fault structures and it appears that hydrothermal mineralization could not enrich nonporous rocks of the Snowshoe Formation.

Mineralized veins are 0.25-0.35 meters wide with visible galena and pyrite mineralization. The following are the results of assays:

Sample	Width	Au (Oz/st)	Ag (oz/st)	Pb%	Zn &	Sample Type
P-1	0.30m	1.330	2.01	2.78	0.97	${ t channel}$
P-2	0.25	0.494	0.88	2.22	0.75	channel
P-3	0.35	0.002	trace	0.02	0.12	channel
GS-P		2.578	1.47	2.60	0.27	grab, along strike

- Total length of uncovered and sampled quartz vein 6.0m width 0.25cm-0.35cm, veins extended north and south.
- Total length of working with quartz veins 110.0m.
- 2. Cohen Incline Zone (Drawing No. 3, 3A and 3B)

The vein structure strikes 210° and dips vertically.

It is about 2.5m side. Quartz veins are from 0.10 to 0.80m side. Total length of quartz veins exposed is 48.0m.

Quartz veins are crosscutting micaceous schistose greywackes and in turn are cut by crosscutting faults of about 1.0-2.5m displacement. The veins strike 55° and dip 70-80° Northwest.

The following are the results of assays:

Sample	Width	Au (oz/st)	Ag (oz/st)	Pb%	Zn%	Sample Type
CO.1-1	0.80m	0.014 (av)	trace	NA	NA	channel
CO.1-2	0.60m	0.021 (av)	trace	NA	AN	channel
co.1-3		trace	trace	NA	NA	channel (wall rock
CR-1	0.25m	0.206	trace	0.03	0.17	channel
GS-2		7.888	1.52	NA	NA	grab along strike
CR-2	0.60	0.018	trace	0.02	0.02	channel wallrock

3. The Galena Vein Zone (see drawing No. 4 & 4A)

Two trenches cut on the Galena vein have crosscut and parallel mineralized quartz veins. The veins strike 200° and dip 60° to the northwest. They are from 0.25-0.50m wide.

The following are the results of the assays on:

Sample	Width A	u (oz/st)	Ag (oz/st)	Pb%	Zn%	Sample Type
GS-1	0.40m	0.55	0.71			channel
GS-1	0.20m	0.024	trace			channel
G2-1	0.40m	0.029	trace			channel
G2-2	0.50m	0.299	0.292			channel
G2-3	(0.10)	0.714	0.84			channel
GR-1		0.010	trace			grab

Gl-BWl wallrock, only traces of any metals

Gl-l wallrock, only traces of any metals

- G1-2 wallrock, only traces of any metals
- G1-3 wallrock, only traces of any metals
- Gl-4 wallrock, only traces of any metals

The wallrock contains large amounts of cube pyrite but there is no economic minerals present. All wallrock samples assayed traces of gold, lead or zinc.

Diamond drilling (Fig. 3 & 4 & DD logs attached)

Diamond drilling programme started on October 17, 1980, in the Perkins area. The hole S 80-1 was collared on October 17, in phyllites and sericitic quartzites of the Cariboo Formation and was located 60m (200') WNW of the gold-quartz showing exposed in the Perkins Trench #1. The hole was stopped on October 24, after intersecting 7m (21') wide fracture zone with quartz vein material which coincides with down dip extention of the Perkins showing.

Drill hole S 80-1 has intersected down dip extention of the Perkins zone but low recovery in the vein zone gave only poor sample without quartz vein material which reflected in poor assay results.

Hole S 80-1 also intersected 0.50cm quartz vein with visible galena and pyrite mineralization. The vein material recovered (also poor recovery) has assayed 1.18 oz/t of silver and minor amounts of lead and zinc.

Samples #2 to #9 were of the sericitic quartzite and, as expected, did not assay any appriciable amount of either gold, silver, lead or zinc.

Footwall samples #13 and #14 show mineralization of no real value.

The diamond drill hole S 80-2 was collared on October 28, in phyllites and sericitic quartzites of the Cariboo Formation and was located 55m (168') WNW of the gold-quartz showing exposed in the Cohen Trench #1. The hole was stoppon on Nov. 5.

The hole intersected numerous quartz veins with visible galena, spharlerite, pyrite mineralization.

Assays show low grade silver with values from \$2.00-\$6.00 of Ag/ton.

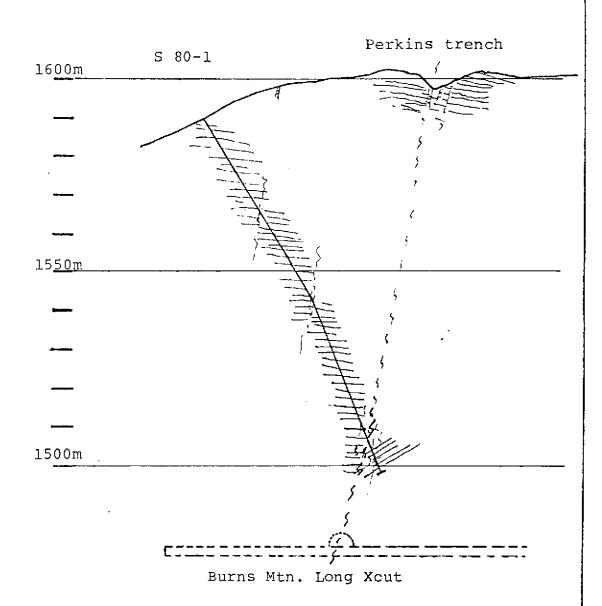
The hole has also intersected down dip extension of the Cohen Zone [from 80.16m (240') to 108.2m (324')] with number of quartz, galena, pyrite veins carrying low grade silver values:

Sample	Width	Assayed	
R 102,103,104	2.44m	\$ 3.00-6.00	Ag/ton
R 112	1.22m	\$ 4.00	н
R 116	1.22m	\$ 2.00	11
R 119	1.22m	\$ 4.80	11
R 121	0.90m	\$ 4.00	u
R 126,127	3.00m	\$ 5.00	ti.

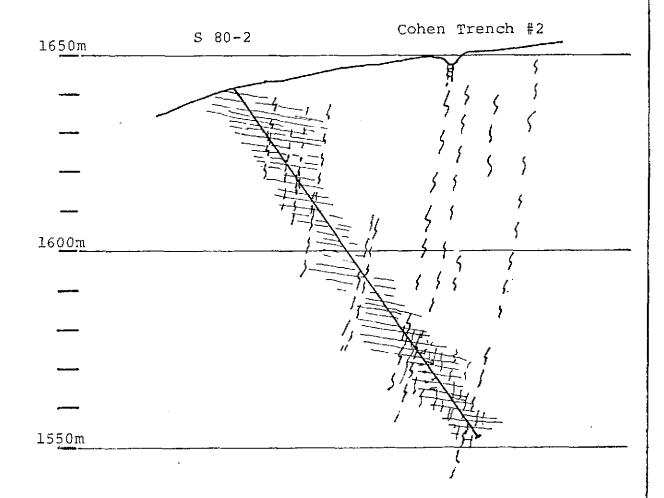
Two intersected gold bearing quartz veins have assayed:

R 6 & 7	1.52m	\$ 24.00	Au/ton
R 16 & 17	3.00m	\$ 48.00	11

The Cohen Zone extention did not show any appreciable gold values.



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DDH S 80 - 1			
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SPECTRUM INDUSTRIAL RESOURCES LTD. B E A U G R O U P			
DDH S 80 - 2			
IGNA engineering & consulting itd.	NTS 93 H 4E Scale 1: 1000 Date March 9, 1981		

The hole S 80-3 was located 50m WNW of the gold-quartz showing exposed in the Galena Vein Zone. The hole was stopped on Feb. 12, 1981, after penetrating 98.7m of phylites and sericitic quartzites.

The hole penetrated two fault zones and a few thin quartz veins but did not intersect Galena Vein Zone.

Two of the fourteen samples were of thin quartz veins the rest was of the wallrock.

The assays show no mineral content in any of the fourteen samples.

OVERALL APPRAISAL OF PROGRESS TO DATE

Trenching

Results of a trenching program initiated in June of 1980 have justified its expenditures. All three major vein zones were trenched and have opened mineralized vein structures with good grade gold, silver, lead and zinc mineralization giving sufficient encouragement for a follow up program of diamond drilling to test the extension of the structures at depth.

Underground Workings

Inspection of two underground workings was not possible at the time because of logistics involving necessary permits to open those workings. Permits have been received, and Reid Adit and Burns Mtn. Long Crosscut will be inspected, mapped and sampled as soon as Burns Mtn. Long Crosscut is open.

Diamond Drilling

Diamond drill holes S 80-1 and S 80-2 drilled on the Perkins and Cohen zones respectively, have penetrated number of mineralized quartz veins and intersected down dip projections of the major vein zones but did not get any metal values in major zones due to poor core recovery.

Hole S 80-3 drilled on the Galena Vein Zone did not intersect major vein where projected the reason might be two fold: a) The vein zone has changed its dip into opposite direction or b) the vein zone has pinched out

CONCLUSION & RECOMMENDATION

The results of the first and second phase of the 1980/81 exploration programme have shown that mineralized quartz veins do exist and carry appreciable mineralization but we could not definitely prove their down dip extensions because of the poor core recovery. Nevertheless the DD holes have intersected a number of thinner mineralized veins subparallel to the major vein zone which shows that mineralized fluids have penetrated crosscutting faults and fractures filling them with quartz, gold, silver, lead and zinc mineralization.

The opening of the old underground workings and subsequent examination should provide more conclusive geological and mineralogical answers to down dip extension of the major vein zone particularly Perkins and Cohen.

A similarity of geology, structure and mineral paragenezis of the gold-bearing quartz veins and replacement limestones on the Mosquito Creek, old Cariboo Gold Quartz, Cornish Mtn. Go and Ace properties shows that there is a possibility of finding a replacement limestones with gold-bearing sulphides on the Spectrum's Beau group of claims.

The limestone lenses outcrop near the highway west of the property showing that flat lying limestones could be intersected some 500m to 550m below surface underneath the Perkins Vein Zone.

It is my opinion and recommendation that Spectrum should drill three holes to that depth in order to explore the

possibility of finding the sulphide bearing limestones.

The company has added two more claims Perry #1 and #2 to the Beau group and surface extension of the Cohen Zone should be followed toward north, specially in the view of the fact that the richest gold veins were found and opened in that area.

At present the company is opening and clearing Burns Mtn. Long X-cut and as soon as weather permits trenching of the Cohen and Perkins should continue.

Later on in the season diamond drilling of the vertical holes should begin.

ESTIMATED BUDGET

Following exploration work is recommended:

- 1. Extending of new workings by trenching
- 2. Diamond drilling
- 3. Three holes from 400 to 450m deep

Time required: two months

Geology Engineering (field)		
Geologist - Supervizor	\$8	000.00
Field Manager	\$5	000.00
Assistant	\$3	000.00
Geology Engineering (office)		
Report		
Draughting, etc.	\$4	500.00
Trenching (cat & backhoe)		
150 - 200 length meters	\$45	000.00
Diamond Drilling		
3 holes C. $550m$, $1650m$ C. $$100.00/m$	\$165	000.00
Food & Shelter	-	
505 man-days C. \$60.00 man-day	\$30	000.00
Travel, Freight, Truck	\$6	000.00
	\$266	500.00
Contingencies & Inflation (20%)	\$53	304.00
	\$319	804.00
Administration (5%)	\$16	000.00
Total Est. Budget:	\$335	804.00

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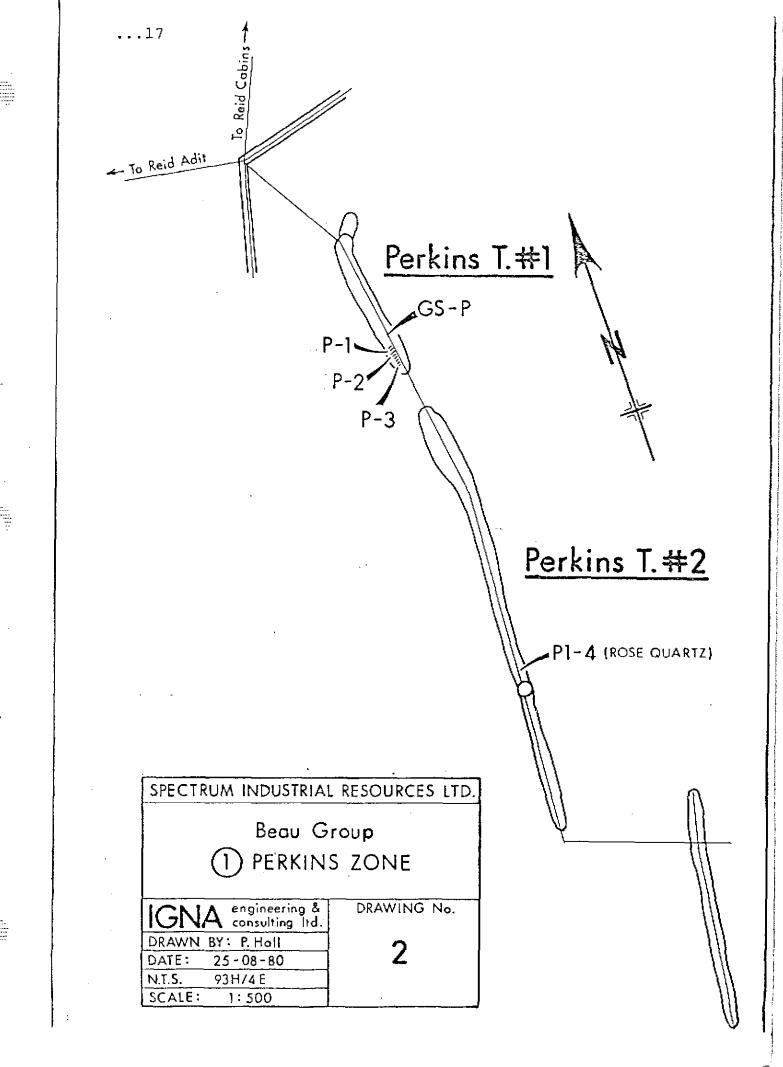
CERTIFICATE

- I, Ignacije Borovic, of the city of Vancouver, B. C. do hereby certify that:
- 1. I am a member of the Association of Professional Engineers in the province of British Columbia.
- I am employed by Igna Engineering and Consulting Ltd. with office at 4258 W. 10th Avenue, Vancouver, B. C.
- I am a graduate of the University of Zagreb and I have practiced continuously as a geologist and graduate geological engineer since 1962.
- 4. I do not have any direct or indirect interest in the properties or securities of Spectrum Industrial Resources Ltd. nor do I expect to receive any.
- 5. This report is based on the results of exploration work done on the Beau Group during 1980/81 exploration by me and under my personal supervision.
- 6. Permission is granted to Spectrum Industrial Resources Ltd. to use this report to satisfy requirements of Stock Exchanges and/or Securities Commissions and for the purpose of a financial prospectus.

Vancouver, B. C.

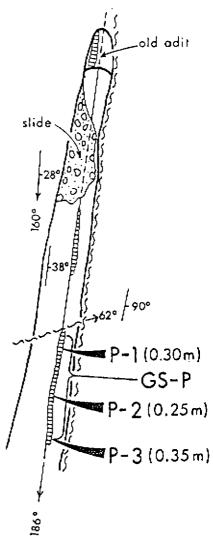
March 9, 1981

Borovic, P. Eng.



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Perkins T.#1



METRES 0 5 10

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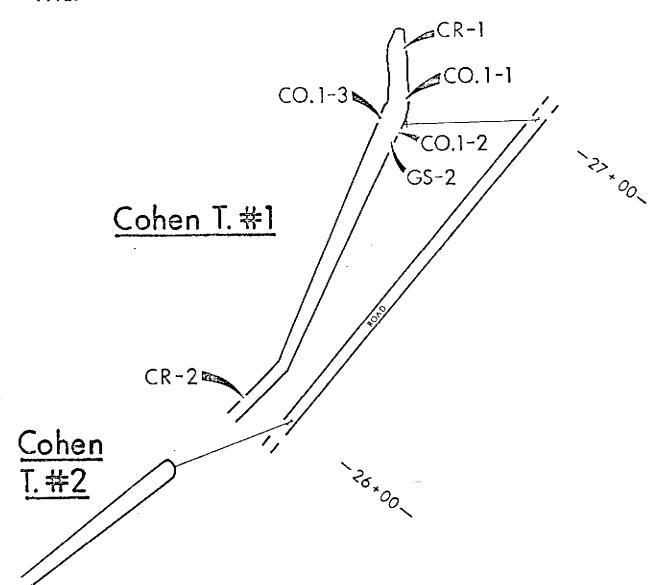


GEOLOGY

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2A



SPECTRUM INDUSTRIAL RESOURCES LTD.

Beau Group

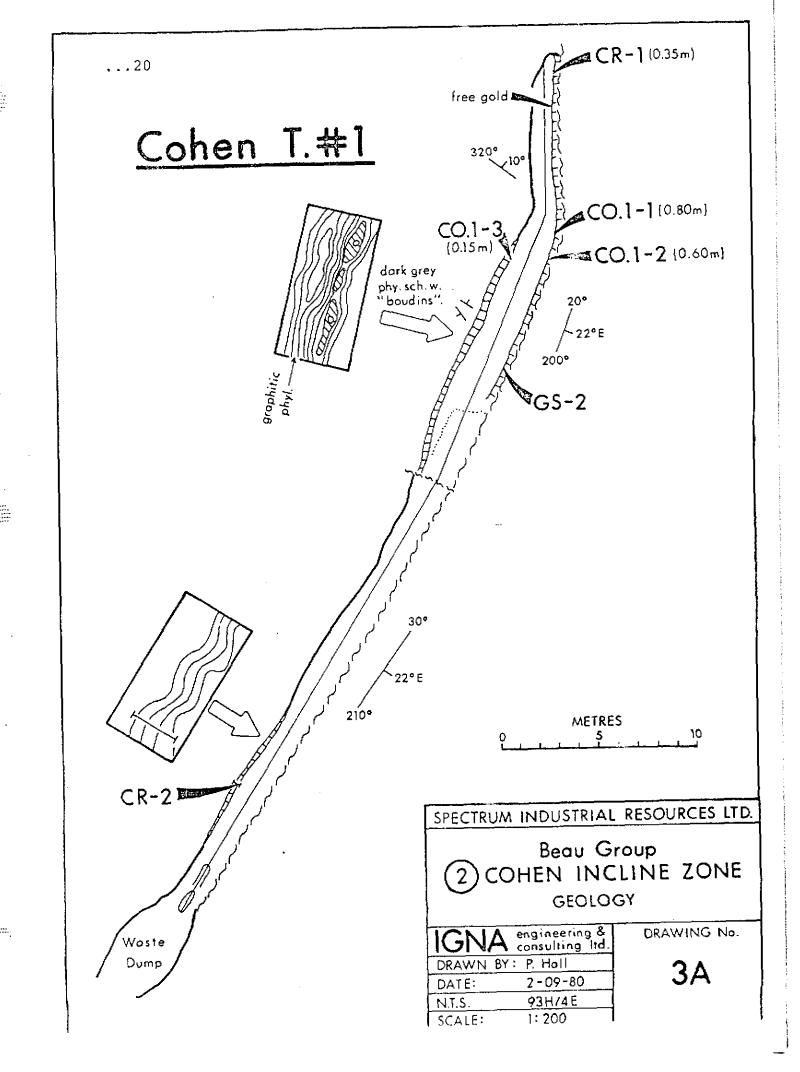
(2) COHEN INCLINE ZONE

CHANNEL SAMPLING

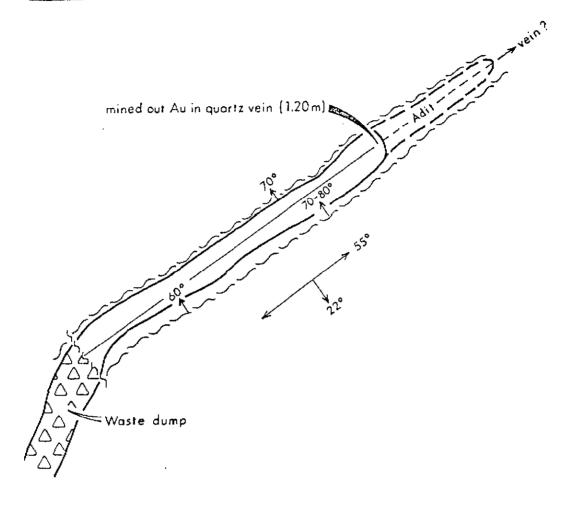
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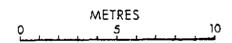
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Cohen T. #2





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Beau Group

2 COHEN INCLINE ZONE

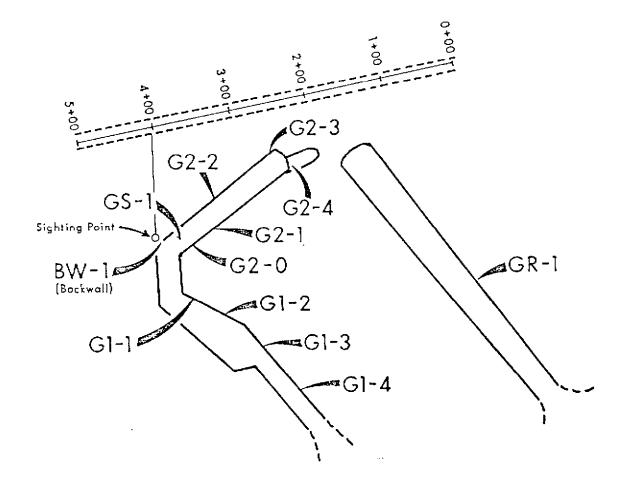
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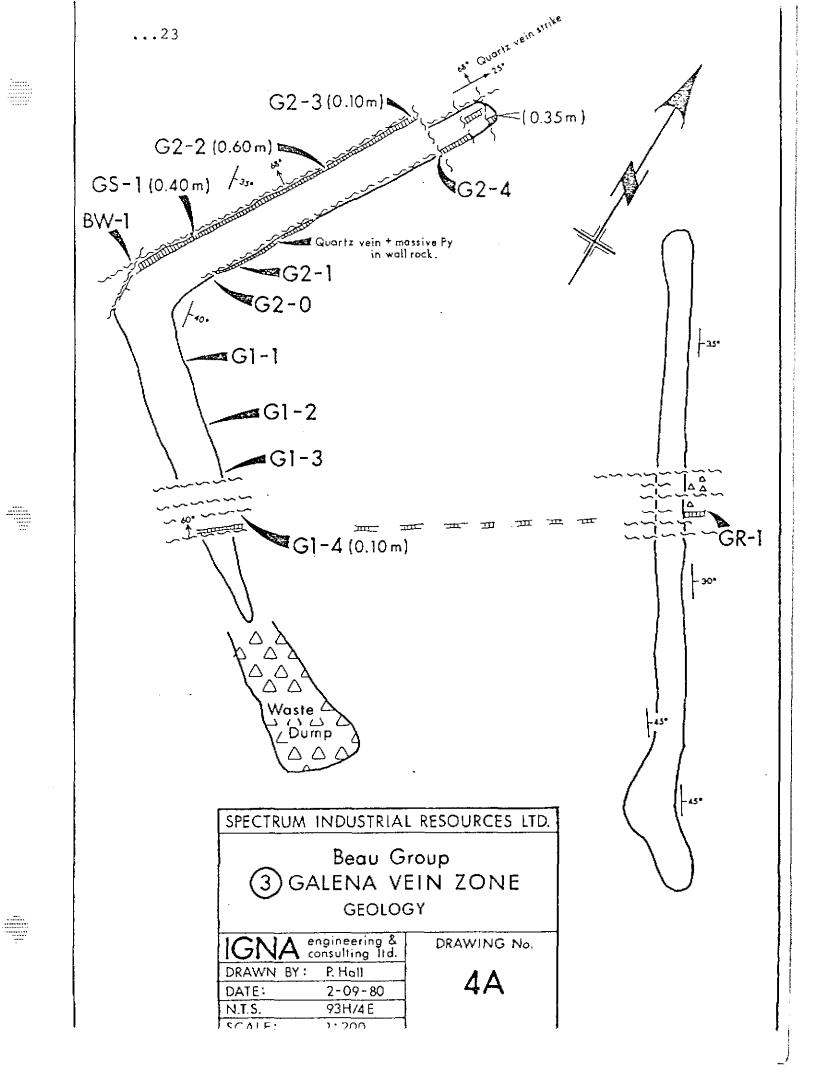
Beau Group

3 GALENA VEIN ZONE
CHANNEL SAMPLING

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DDH No. CHENT engineering & SPECTRUM INDUSTRIAL 5 80-1 consulting Itd. RESOURCES Gd. Shoot / of Z DATE COLLARED Oct, 17/80 | COMPLETED Oct 24/20 N.T.S : OCATION BURNS MIN SEARING: 100%-55° ELEVATION. 15900 M CORE SIZE: BR/W LONG. DATE: GEOPHYSICAL LOG 8Y: 1. BOROVIC SCALE: 1:400 DATE CORE LOGGED Put 23, 24/1980 LOGGED BY: assay results sample core stra miner, alter. description m depth rec. 03 STRAKE regional Py (10%) DARK SILVERY GRAY SEC-PHYLITIC SCHIET coarte Large Cubes FOLDING schiptojit 50 INTERBEDDED WITH THIN SERICITIC QUARZ-ITE LEWSES SERICITIC QUARTZITE | b. Py(1-2%) STRONGLY BUATED 80 GRAY FITH SILKY GRAY PHYLITES YVORY Q 1614 Py Pholite with seric. ۴y quartite leaves. Zcoma reins 95 reins 10-10-0 m BLACK GRAPHITE SCH. Q, P, 8411-2% SLACK PHYLITE WITH Q,Py (150) } INTER BOODED QUARTRITE 75 O, Ry (MA) BLACK GRAPKITIC PHYLITE HITH Py (1-2%) INTERESTED QUARTITE Q (30-cm) 58 Py 66618 1.5 - 3.00 man cubes (zz*) QUARTILITE LOW IN Phylites Ø BLACK GRAPHYTIC securiti. 0 Phycite Q (50°cm) Plosify 65 20% = QUARTITE CA QUARTEITY LEWS Phylu Tr 60 Ó GRAY, SERICITIC QUARTZITE Ψ W 50

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General resting Laboratorie.

A Division of SGS Supervision Selface Loc

1001 EAST PENDER ST. VANCOUVER BIG. CAMPDAINEA 1M. PHONE (904) 254 1647 | NELEX 64 507614 | CAN EL SUFERIOL (1)

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CERTIFICATE OF ASSAY!

No.: 8003-1251

DATE:Aug. 25/30



SPECIEVA DINSTRUM RESCONCES 3050 Traser Street Vancouver, B.C.

		6010	SILVER	Lead	Zinc	Y X	2202	XXX	xxx
		oz/st	03/st	25 (%)	Zn (56)		i i		
ORNISH	0132-1	0.005	trace	0.01	0.18				
	CR-1 (COHEM ERD)	0.206	trace	0.03	0.17				
ALENA PRAB	GR-1	0.010	trace	0.01	0.14				
	XEPCE-1	0.016	trace	0.01	0.30	:			
ETRKINS	₽ - 1	1.330	2.01	2.78	0.97	,		į	
И	F-2	0.494	0.88	2,22	0.35				
ORNISH	C.E2	0.048	7.51	1.69	0.23	-			
OHEN-	GB_2	0.013	trace	0.02	0.25				
ORNI ! H	CPR-3	0.070	0.54	0.02	0,22			-	
= u ?/JS		0.002	trace	0.02	0.12				
ORNISH	C)33-14	0.002	trace.	0.03	0.11				
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ical,	GS-P	2.578	1.47	2.60	0.27				
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PROVINCIAL ASSANTA __L___L

General Testing Laboratories A Division of SGS Supervision Services Inc.

1001 EAST PENDER ST., VANCOUVER IBIG I CANADA IVSA 1W2

PHONE (604) 254-1647 | TELEX 04-507514 | CABLE | SUPERVISE

CERTIFICATE OF ASSAY

No.: 8007-2355

DATE: Aug. 6, 1980

PROVINCIAL ASSAYER

Spectrum Resources 3350 Fraser Street Varicouver, B.C. V5V LC1

We hereby certify that the following are the results of assays on:

Ore GOLD SILVER x10X Σ XXX XXX \mathbf{x} MARKED NICTH (oz/st)oz/stCALENA VEIN G1-BW1 OCM trace trace 200M trace trace 400M trace trace 600M trace trace BOCM trace trace 1000M trace trace 0.012 120CM trace 1LOCM trace trace 1600M trace trace trace 1800M trace 200CM trace trace G1-BW1 1.54 trace trace Gl-ltrace 10CM trace 20CM trace trace trace 70CM trace trace 600M trace SOCM. trace trace trace 1000M trace 120CM trace trace trace 1LOCM trace 160CM trace /trace trace 180CM trace trace trace 200M trace trace OCM G1 - 3trace 100CM trace 150CM trace trace Z0*NE* venu 0.012 trace COHEN 200M 001-1 0.010 trace FOCM 60CM 0.012 trace trace 80CM 0.022 trace 100CM trace 0.008 trace 120CM 1LOCM trace trace 160CM trace trace trace 1800M trace trace trace 200CM trace 2200M trace OTE: REJECTS RETAINED ONE MONTH. PULPS RETAINED THREE MONTHS ON REQUEST PULPS AND REJECTS WILL BE STORE FOR A MAXIMUM OF ONE YEAR. ALL REPORTS ARE THE CONFIDENTIAL PROPERTY OF CLIENTS, PUBLICATION OF STATE-MENTS, CONCLUSION OR EXTRACTS FROM OR REGARDING OUR REPORTS IN NOT PERMITTED WITHOUT OUR WRITTEN APPROVAL, ANY LIABILITY ATTACHED THERETO IS LIMITED TO THE FEE CHARGED.

Analytical and Consulting Chemists, Bulk Cargo Specialists, Surveyors, Inspectors, Samplers, Weighers

KORC

General Testing Laboratories

A Division of SGS Supervision Services Inc.

1001 EAST PENDER ST. NANCOUVER BIOLICANADA VEA 1992 PHICKS (604) 264-7647 TELEX C4-507514 CABLE SUPERIOSE



SPECTRUM RESOURCES 3350 Fraser Street Vancouver. B.C. VSV LCI

CERTIFICATE OF ASSAY

No.: 8007-2355 DATE:August 6, 1980

We hereby certify that the following are the results of assays on:

		GOLD	SILVER	ж)))	xxx	xxx	XXX	2003
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PROVINCIAL ASSAYER

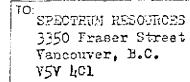
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General Testing Laboratories

A Division of SGS Supervision Services Inc.

1001 EAST PENDER ST. MANCOUVER BIO. CANADA MAN 1W2 PHONE (604) 054-1647 | TELEX 04-507514 | CABLE | SUPERVISE

CERTIFICATE OF ASSAY



No.: 8007-2355 DATEAugust 6, 1980

We hereby certify that the following are the results of assays on:

Ore GO:LD SILVER \mathbf{x} xxXX XX $\mathbf{x}\mathbf{x}$ IXI MARKED (oz/st) (oz/at)|CO1-3| trace trace50CM trace trace G5-2 7.8881.52 NOTE: REJECTS RETAINED ONE MONTH. PULPS RETAINED THREE MONTHS, ON REQUEST PULPS PORTS ARE THE CONFIDENTIAL PROPERTY OF CLIENTS, PUBLICATION OF STATE-MENTS CLUSION OR EXTRACTS FROM OR REGARDING OUR REPORTS IN NOT PERMITTED WITHOUT OUR WRITTEN APPROVAL, ANY MABILITY ATTACHED THERETO IS LIMITED TO THE FEE CHARGED. PROVINCIAL ASSAYER L. WONG

Analytical and Consulting Chemists, Bulk Cargo Specialists, Surveyors, Inspectors, Samplers, Weighers

General Testing Laboratoria

A Division of SGS Supervision Services In

1001 FAST PENDER STU VANCOUVER (BIC) CANADA (184) PHONE FOR DEPOSERS TELEX CHISOLEMA DARLE SUPERM



TO:

SPROTRUM ENDUSTRIAL RESOURCES 12D. 102 B - 3350 Fraser Street Vancouver, B.C. V5V LC1

CERTIFICATE OF ASSA

No.: 6010-2454 DATE: Nov. 3/80

We hereby certify that the following are the results of assays on:

	GO:D	SILVER	7 `	.7.÷				
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AND REJECTS WILL BE STORE FOR A MAXIMUM OF ONE YEAR.

ALL REPORTS ARE THE CONFIDENTIAL PROPERTY OF CLIENTS, PUBLICATION OF STATE-MENTS. CONCLUSION OR EXTRACTS FROM OR REGARDING OUR REPORTS IN NOT PERMITTED WITHOUT OUR WRITTEN APPROVAL, ANY LIABILITY ATTACHED THERETO IS LIMITED TO THE FEE CHARGED.



CERTIFICATE OF ASSAY

CONTENTS CATED THE TYPE

We hereby certify that the following are the results of essays on:

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T. Vost

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CERTIFICATE OF ISSAY

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LUREN, MISTRICE THE CONHIDENTIAL PROPERTY OF CURINIS PUBLICATION OF STATEMENTS INCLUSION, THE LITERIOTS FROM OR FEERING OUR HEPORIS IN NUT LEALISTFO MINHOUT OR WHITTON AFTRO LAU ANY CABRITY APPACHED THE FETO IS UMMED TO THE FEE CHARGED

General Testing Laboratories

A Division of SGS Supervision Services Inc.

1001 EAST PENDER ST., VANCOUVER, B.C., CANADA, VBA 1W2 PHONE (604) 254-1647 TELEX 04-507514 CABLE: SUPERVISE



TO:

IGHA EMGINEMRING & CONSULTING LFD. 4258 West 10th Avenue Vancouver, B.C. V6R 2H4

CERTIFICATE OF ASSAY

No.: 8102-1655 DATE: Feb. 26/81

We hereby certify that the following are the results of assays on:

	GOLD	SILVER	Lead	Zinc	xxx	x xx	32X	200%
PECTRUM (QUENS MTN)	oz/st	oz/st	Pb (%)	Zn (%)				
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cc. Mr. Bill	Alley							

NOTE. REJECTS RETAINED ONE MONTH. PULPS RETAINED THREE MONTHS. ON REQUEST PULPS AND REJECTS WILL BE STORE FOR A MAXIMUM OF ONE YEAR.

LL REPORTS ARE THE CONFIDENTIAL PROPERTY OF CLIENTS, PUBLICATION OF STATE-MENTS CONCLUSION OR EXTRACTS FROM OR REGARDING OUR REPORTS IN NOT PERMITTED WITHOUT OUR WRITTEN APPROVAL, ANY LIABILITY ATTACHED THERETO IS LIMITED TO THE FEE CHARGED



....

Eagle Drilling Ltd., Box 250 Wells, B.C. VOK 2RO

Nov. 7, 1980

Spectrum Ind. Resources Ltd., 102 - B 3350 Fraser St., Vancouver, B.C.

Invoice # 2 Dates: Oct. 24, 1980 - Nov. 6, 1980 Shift Reports # 385 - # 398

DDH # s - 80 - 2 359'	@ \$ 20.00	= \$	7180.00	
14 Coreboxes 8 Bags Mud 4 Bags Quik Trol	@ \$ 6.00 @ \$ 12.00 @ \$ 10.00	= \$ = \$ = \$	84.00 96.00 40.00	
Moving: Driller 10 hrs Moving: Helper 10 hrs Room & Board 2 days	<pre>@ \$ 20.00 @ \$ 17.50 @ \$ 20.00</pre>	= \$ = \$ = \$	200.00 175.00 40.00	
	Sub total	\$	7815.00	\$ 7815.00
DDH # S - 80 - 1				
11 Coreboxes	@ \$ 6.00	= \$	66.00	
	Sub total	\$	66.00	\$ 66.00
	Total	•		\$ 7881.00
Less part of	Advance	•		\$ 1000.00
Bala	ance due	•		\$ 6881.00

CK # 117

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O.M. et. K326

EAGLE DRILLING ATD. BOX 250 WELLS. BC UCK 2RO

SPECIAUM IND. RES. LID. 163 B 3350 FRASER ST., VANCLUVER BC

INVUICE #1 DATES: OCT. 6, 1980 - OCT. 23, 1980 SHIFT REPORTS # 367 - #384

DOH # 5-80-1 336 FT. @ \$20,00 = \$6720,00 MULING: DALLER 15 hw @ 20.00 = \$ 300.00 MCV. NO: HELPER 15 NO @ 17.50 = 263,50 RECONVIGUARD 30 km @ 2.50 = 75.00 8 BAGS GLIK GEL @ 12.00 = 96.00 4 BAGS GUIN TRUL @ 10.00 = 40.00 # 1493. 50 SUB TOTAL # 7493.50

pd. ex No 115

BUMBANDIER RENT COTE, 1980 - NOV. 6, 1980

12000.00

HALLING GLESNEL & STANLEY 68.53

(BOW MAG RENTALS)

615

SUB TUTAL

LESS PART OF ADVANCE BALANCE DUE

1500.00

Eagle Drilling Ltd., Box 250 Wells, B.C. VOK 2RO

Dec 1, 1980

Spectrum Ind. Resources Ltd., 102 - B 3350 Fraser St., Vancouver, B.C.

Invoice # 3 Dates: Nov. 7, 1980 - Nov. 30, 1980 Shift Reports # 399 - 416 Pd. CK# O.H. - 129

DDH # S * 80 - 3 158' (not complete) @ \$ 20.00 = \$ 3160.00

Bombardier rent Nov. 6, 1980 - Dec 6, 1980 = \$ 2000.00

Balance due \$ 5160.00

An Additional cheque of \$ 5000.00 is required for the Portal.

Please returen by Loomis Courier Service.

Holdger note from 45,000.

Thank you.

W . Magnussen

IGNA engineering & consulting ltd.

INVOICE # 32

July 7,1980

SPECTRUM INDUSTRIAL RESOURCES LTD.

102B - 3350 Fraser St.

Vancouver, B.C.

V5V 4C1

Professional services June 15	- June 30, 1980:
Field supervision, 4.5 day	s @ 200.00\$ 900.00
Expenses: Room&Board \$ 13 Transp. 12 Sundry& Tel. 4	8.34
Expenses Total	\$ 3\$0.06
	TOTAL\$1,210.06
	\$1,125.00
Por Spinis	AMOUNE DUE\$2,335.06

IGNA engineering & consulting Itd.

INVOICE #34

July 21,1980

SPECTRUM INDUSTRIAL RESOURCES
102B-3350 Fraser St.
Vancouver, B.C.
V5V 4C1

Professional services July 1 - July 15, 1980:
4 days @ \$ 200.00\$ 800.00
Field Assistant \$ 1,125.00
Expenses: Room&Board\$ 139.10
Transp 73.54
Sundry&Tel 36.61
Total Expenses \$ 249.25
TOTAL\$ 2,162.25
ADVANCE\$10,000.00

ADVANCE FORWARD...... \$ 7,837.75

IGNA engineering & consulting ltd.

INVOICE # 36

August 15,1980

SPECTRUM INDUSTRIAL RESOURCES 102B - 3350 Fraser St. Vancouver, B.C. V5V 4C1

Professional services July 15 - August 15, 19	980:
11.5 days @ \$ 200.00	\$ 2,300.00
Field Assistant	
Expenses: Room & Board \$ 186.10	
Transporttation 262.10	
Sundry 3.80	
Expenses Total	452.50
TOTAL	\$ 5,002.00
ADVANCE	7,837.75
ADVANCE FORWARD	\$ 2,835.75

IGNA engineering & consulting ltd.

2 copils 2 copils

INVOICE #39

Septembar 15, 1980

SPECTRUM INDUSTRIAL RESOURCES 102B-3350 Fraser St. Vancouver, B.C. V6V 4C1

Professional services August 15 - Sept.15,1980:

Field supervision & P	rogress Report
11 days @ \$ 200.00 .	\$ 2,200.00
Field Assistant	2,250.00
Expenses:	
Draughting & Reprogra	phics \$ 400.00
Typing & &erox	64.00
Expenses Total	

CK NO1 294

TOTAL\$ 4,914.00

ADVANCE.....\$ 2,835.75

BALANCE DUE...\$ 2,078.25



January IGNA engineering & consulting Itd.

INVOICE # 43

October 20,1980

SPECTRUM INDUSTRIAL RESOURCES 102B-3350 Fraser St. Vancouver, B.C. V6V4C1

Professional services September 15 - October 15, 1980:

Field trip, supervision, examination 7.5 days @ \$ 200.00\$	1,500.00
Field Assistant	2,250.00
Expenses (Field trips): Room & Board\$ 383.95 Transportation 127.76 Sundry Exp 3.80	
Total Expenses	515.51
Air-photo enlargements & materials as per Mc Elhanney Surveying, Invoice # 9022391	200.54

ADVANCE FORWARD.....\$ 3,797.95

TOTAL\$ 4,466.05

8,264.00

ADVANCE.....

- IDNA engineering & consulting Itd.

INVOICE # 47

November 27,1980

SPECTRUM INDUSTRIAL RESOURCES 102B-3350 Freser St. Vancouver, B C

Professional services October 15 - November 15, 1980	• •
- Field trip, report, supervision 12 days @ \$ 200.00\$ Expenses(field trip, Oct 21-Oct23)\$	2,400.00 387.66
Office expenses(telephon, Oct22-Nov20)\$ - Field Assistant\$	
- Field geologist: Field & office, 8.5 days @ \$ 175.00\$ Room & board\$	1,487.50 251.45
Transportation & travel\$ Telephone\$ Stationary, Xerox\$	

PCX 344

TOTAL\$	6,948.77
ADVANCE\$	3,797.95
BALANCE DUE\$	3.150.82