

GEOLOGICAL AND GEOCHEMICAL REPORT

on

EASY GROUP

Alberni Mining Division  
92L/3W, 50°08', 127°18'

OWNED BY

J.C. STEPHEN

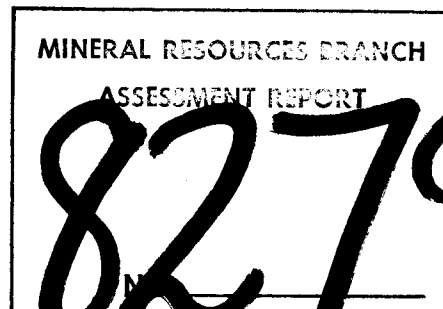
BY

J.T. SHEARER, M.Sc

FOR

J.C. STEPHEN EXPLORATIONS LTD.

Field work completed between August 6 to 25, 1980



November 28, 1980  
North Vancouver

## TABLE OF CONTENTS

	Page
LIST OF ILLUSTRATIONS AND TABLES	ii
SUMMARY	iii
INTRODUCTION	1
PROPERTY, List of Claims	3
LOCATION AND ACCESS	4
FIELD PROCEDURES	6
GEOLOGY	7
(A) REGIONAL GEOLOGY	7
(B) LOCAL GEOLOGY	9
GEOCHEMISTRY	14
AIRBORNE MAGNETICS	15
CONCLUSIONS AND RECOMMENDATIONS	17
REFERENCES	18
APPENDIX I - List of Personnel and dated worked	19
APPENDIX II - Statement of Costs	20
APPENDIX III - Statement of Qualifications	21
APPENDIX IV - Analytical Procedures and Arsenic Histogram	22
APPENDIX V - Certificates of Analysis	23

LIST OF ILLUSTRATIONS AND TABLES

FIGURE 1	LOCATION MAP	1:1,267,200	2
FIGURE 2	CLAIM MAP	1:50,000	5
FIGURE 3	REGIONAL GEOLOGY	1:250,000	8
FIGURE 4	LOCAL GEOLOGY and Geochemistry	1:5000	in pocket
FIGURE 5	LOCAL GEOLOGY, East half	1:5000	in pocket
FIGURE 6	AIRBORNE MAGNETICS	1:63,600	16

TABLES

TABLE 1	LIST OF CLAIMS	3
TABLE 2	MAP UNITS	10

SUMMARY

- (1) The EASY Claims were located in 1979 to cover an intense alteration zone with a pronounced zonal pattern ranging from massive alunite and pyrophyllite to very silicified quartz sericite masses. This assemblage represents a complex paleohotspring environment.
- (2) A total of 39 man days were spent engaged in prospecting, preliminary geological mapping and soil sampling. No significant gold mineralization was observed and all soil samples contained negligible gold.
- (3) The claims are underlain by dacitic to andesitic flows and fragmentals with at least one dacite dome in the northern portion of EASY TWO. Red volcanic breccias are common on the western part of EASY THREE.
- (4) An evaluation of the potential for industrial use of the massive pyrophyllite is presently underway by other interests.
- (5) Geological mapping on an accurate photo-enlargement base map should be considered in light of the paucity of surface mineralization.
- (6) Assessment work in 1980 totals \$7,541.00; with 2 years credit applied on EASY TWO, 1 year credit on EASY THREE and 3 years credit on TOO EASY for an aggregate of \$6,300.00 credit.

## INTRODUCTION

The Easy Inlet area, off Kyuquot Sound on the north-west coast of Vancouver Island, has been the focus of mineral exploration since the turn of the century. Dr. Morris discovered the massive character of the alunite showings in 1908. Limited production of massive pyrophyllite by the British Columbia Pottery Company was realized around 1910 from a quarry in Monteith Bay for use as a refractory in the manufacture of sewer-pipe and fireproofing. Before the identification of the alunite and pyrophyllite, prospecting attention was directed toward gold-copper mineralization. The exact location of these early gold-copper showings is not defined in any publication but Clapp (1915) on page 121 describes them as follows:

"The metallic minerals are chiefly pyrite and chalcopyrite, and although they occur sparingly disseminated throughout the altered rocks, they are confined chiefly to shear zones of varying width in the altered rocks. Even in the shear zones the mineralization is not great and only small masses, a few inches or less in diameter, of finely granular sulphides have been developed."

"The gold and silver values, even in the most highly mineralized deposits are low from \$0.30 to \$1.70 in gold and about 20 cents in silver, and many of the mineralized rocks carry only a trace of these metals."

Some exploration took place in the 1940's and 1950's by the forerunners of Falconbridge Nickel Mines and the three original crown grants on the north tip of the peninsula between Easy Inlet and Kashutl Inlet are still owned by Falconbridge. These crown grants contain the largest known occurrences of alunite and pyrophyllite.

A very active period began in the late 1960's after the significance of the Island Copper orebody became general knowledge.



J. C. STEPHEN EXPLORATIONS LTD.  
 B. C. GOLD SYNDICATE  
 EASY CLAIM GROUP  
 INDEX MAP

SCALE: 1" = 20mi.  
 1:1,267,200

AUGUST 1980  
 FIGURE 1

Many superficial similarities are apparent between the Easy Inlet area and Island Copper, most notably the association of pyrophyllite. Several operators did work with Kennco (Gower and Ney 1973) and Falconbridge (Band 1971) filing assessment reports with the Department of Mines.

Currently, four companies hold claims in the area. The most active work is the evaluation of the potential industrial use of the massive pyrophyllite.

PROPERTY - List of Claims

The following table lists the record data concerning the EASY Group as illustrated on Figure 2:

TABLE 1

EASY GROUP, LIST OF CLAIMS

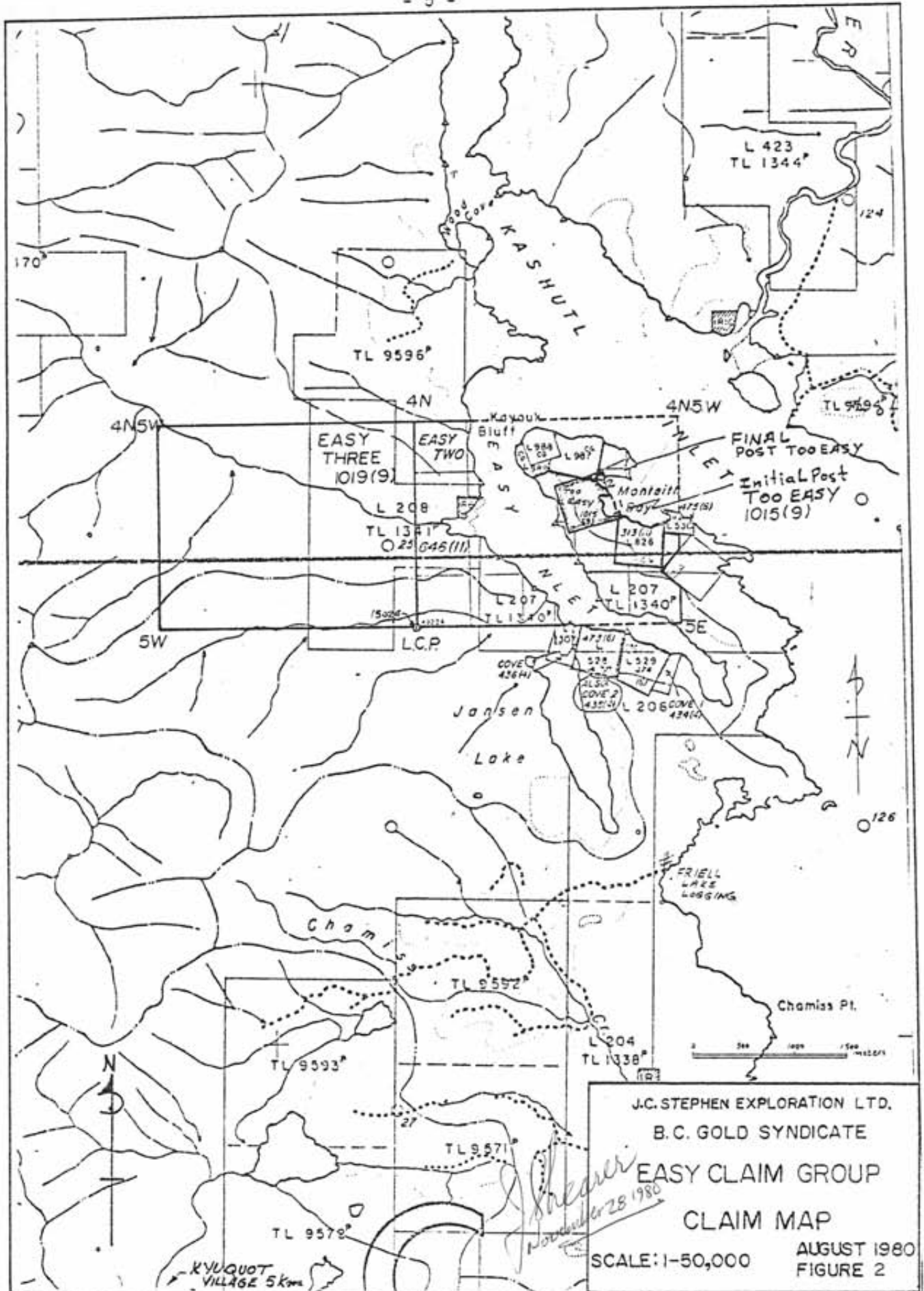
<u>Claim Name</u>	<u>No.of Units</u>	<u>Record Number</u>	<u>Date Location</u>	<u>Date of Recording</u>	<u>Expiry Date</u>
EASY TWO	20	646	Nov.12,1979	Nov.23,1979	Nov.23,1982
EASY THREE	20	1019	Aug.13,1980	Sept.4,1980	Sept.4,1982
TOO EASY	1	1015	Aug.23,1980	Sept.4,1980	Sept.4,1983

### LOCATION AND ACCESS

The EASY Group is located on north-western Vancouver Island straddling Easy Inlet as shown on Figures 1 and 2. The mouth of Easy Creek is approximately 16 kilometres west of Fair Harbour, or 12 kilometers north-east of the village of Kyuquot. The claims are accessible by boat from Fair Harbour which is connected by road to Zeballos and the newly opened North Island Highway. Scheduled flights by Island Air operate from Gold River to Zeballos and Kyuquot. Two small logging camps are located on the road system that cuts through the claims. Friell Lake Logging operates a dryland sort along Easy Inlet within EASY TWO claim. Logging is conducted six days a week with some road work on Sundays.

The small peninsula between Easy Inlet and Kashutl Inlet was logged off many years ago and is now a jungle of thick salal and second growth spruce and hemlock trees. Most of the remaining portion of property alternates between first growth timber and clear cut blocks that have been cut within the last 15 years. Secondary roads branching off the Ououkinish Mainline give access to most parts of the claims. A Zodiac inflatable boat was used to ferry gear to Monteith Bay during the present work program.





J.C. STEPHEN EXPLORATION LTD.

B.C. GOLD SYNDICATE

EASY CLAIM GROUP

CLAIM MAP

SCALE: 1-50,000

AUGUST 1980

FIGURE 2

*S. S. S.*  
*November 28 1980*

## FIELD PROCEDURES

Claim lines were run with a Silva compass and roughly measured for slope corrections using a Suunto clinometer and a Topolite Belt Chain calibrated in meters for which the manufacturer gives a 0.1% accuracy. Claim lines were marked by many blazes and red flagging.

Soil lines were established along the claim lines at the south boundary and the common line between EASY TWO and THREE. Samples were taken at 50 meter intervals and also in a reconnaissance fashion throughout the claims. A grubhoe was used to sample the B horizon which varied from a few centimeters to over 3 meters deep in road cuts. A standard soil data sheet was filled out in the field noting items such as: sample number, location, depth, horizon, colour, particle size, % organics, pH, slope, vegetation and additional remarks. Samples were placed in waterproof Kraft bags and sent to Chemex Labs Ltd., 212 Brooksbank Avenue, North Vancouver, B.C. Analytical procedures are outlined in Appendix IV.

Rock geochem samples were collected as continuous chips over short intervals and a standard data sheet filled out for all specimens.

Hip chain measurements were used on geological mapping traverses for added control plus 1/4 mile airphotos showing recent roads and logged off areas. A detail topographic map was prepared for a portion of EASY TWO Claim by Pacific Survey Corporation using existing air photography. This map was initially produced at 1:2000 and was photographically reduced to 1:5000 for plotting purposes. A manual enlargement of the 1:50,000 topographic map to 1:5000 over the entire claims was made and also includes ground around Jansen Lake which is south of the claim group. Samples shown on Figure 5 south of the claim are only shown for added information and were not included in the Statement of Costs for EASY Group.

## GEOLOGY

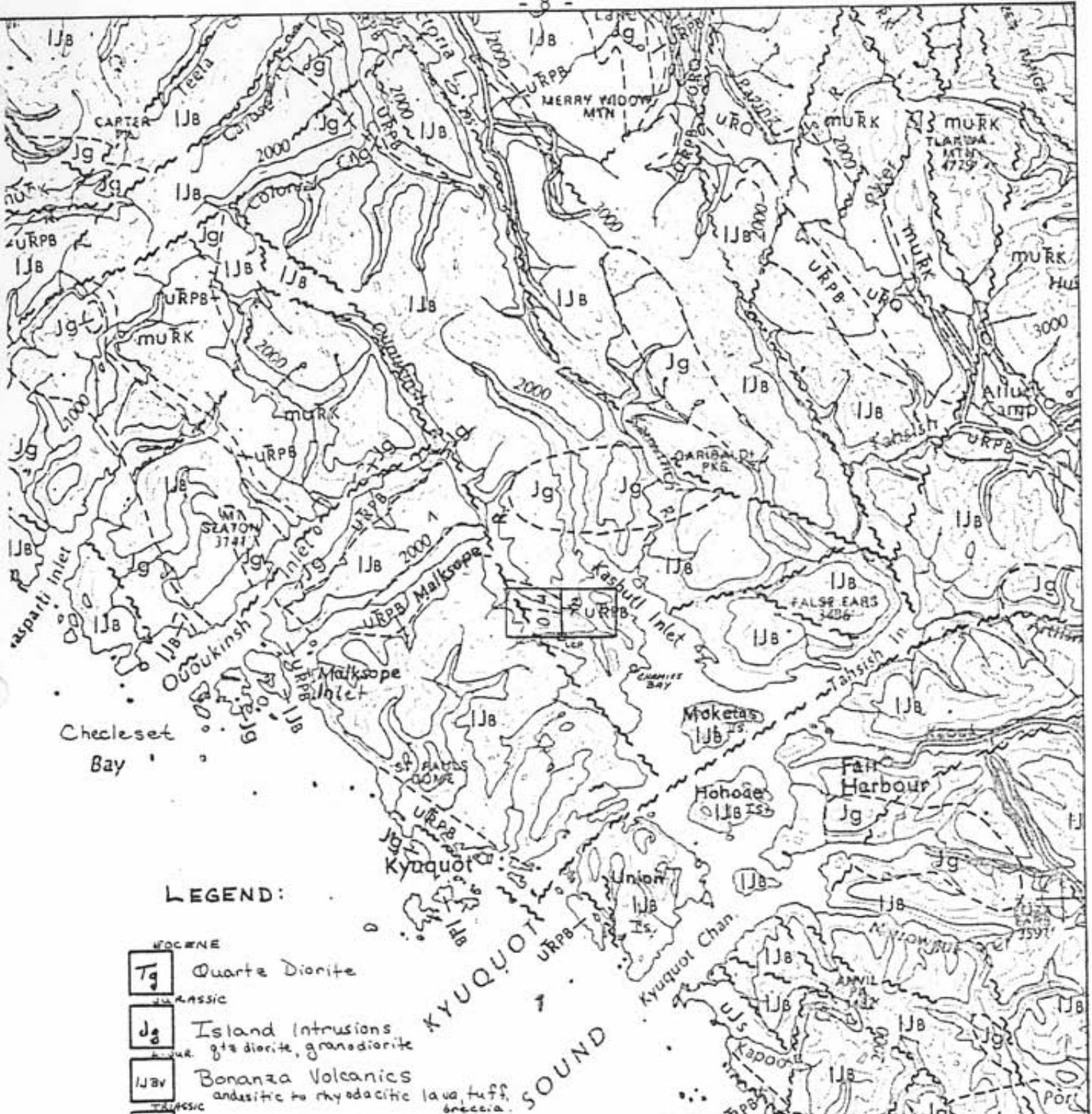
### (A) REGIONAL GEOLOGY

Regional geology of Northern Vancouver Island has been compiled by Muller et.al. (1974) on a scale of 1:250,000. Figure 3 shows the general geological features of the Kyuquot Sound Area. The claims are situated on the extreme western edge of what Muller et.al. (1974) refer to as the Karmutsen Block which they describe as follows:

"Karmutsen Block is the broad west flank of White River Arch, bounded by Nimpkish and Woss faults on the east, Ououkinish Fault on the south-west, and Brooks Fault Zone on the north-west. It consists of a rather regular and complete south-west dipping sequence of the Vancouver Group, intruded by smaller medium and high level plutons, one of them of Tertiary age."

The Ououkinish fault occurs on the western boundary of EASY THREE and separates the Karmutsen Block from the complex Kyuquot Fault Block.

The Vancouver Group consists mainly of a thick pile of Triassic basaltic volcanics (Karmutsen Formation), Upper Triassic carbonate, shale and volcanoclastic sediments, (Quatsino and Parson Bay Formations) and a Lower Jurassic sequence of basaltic to dacitic lavas and pyroclastic volcanics with minor intercalated sediments (Bonanza Volcanics). No Karmutsen or Quatsino Formations are exposed along the immediate shoreline of Kyuquot Sound. The area is almost entirely underlain by Bonanza Volcanics with isolated fault wedges of Parson Bay Formation limy sediments. North of Easy Inlet a stock of leucocratic quartz monzonite occurs. A complex system of quartz porphyry and quartz-feldspar porphyry dykes, sills and irregular masses are associated with the periphery of this pluton.

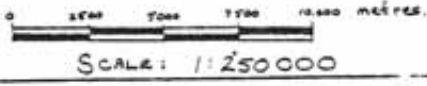


LEGEND:

- Tg** Quarte Diorite  
Cretaceous
- Jg** Island Intrusions  
gts diorite, granodiorite  
Cretaceous
- IJb** Bonanza Volcanics  
andesitic to rhyodacitic lava tuff, breccia.  
Tertiary
- URPB** Parson Bay Formation  
calcareous siltstone, shale, limestone, conglomerat, breccia  
Tertiary
- URO** Quatsino Formation  
Limestone
- muRK** Karmutsen Formation  
basaltic lava, pillow lava, breccia, agyagene tuff

J.C. STEPHEN EXPLORATIONS LTD.  
 B. C. GOLD SYNDICATE  
 EASY CLAIM GROUP  
 REGIONAL GEOLOGY

NTS: 92L, 92E  
 SCALE: 1:250,000  
 AUGUST 1980  
 FIGURE 3



Katazonal rocks of the west coast complex consisting of gneiss, amphibolite, agmatite quartz diorite and migmatite are preserved on Brooks Peninsula 28 kilometres directly west of Easy Inlet.

Regional structures are dominated by steeply inclined major northwest-southeast trending faults that in the Easy Inlet area appear to be represented by several splays of the Ououkinish Fault. A possible anticline was noted in Hankin Cove on the east side of Kashutl Inlet.

(B) LOCAL GEOLOGY

Limited geological mapping was undertaken by J. Pautler A. Heagy and J. Shearer on a scale of 1:5000. Preliminary results are plotted on Figure 4 and 5 (both in pocket). Map units are listed in Table II.

TABLE II

MAP UNITS, EASY GROUP

<u>Symbol</u>	<u>Rock Unit</u>	<u>Description</u>
9	Island Intrusions (Middle Jurassic) Quartz Porphyry Dykes	Light grey to reddish brown, quartz eyes in fine grained matrix, narrow dykes.
8	Bonanza Volcanics (Lower Jurassic) Pervasive Quartz-Alunite Alteration	varicoloured, but mainly light grey, fine crystalline, occasionally porcelain-like
7	Pervasive Quartz-Pyrophyllite Alteration	varicoloured, massive in places felted, soapy, lustrous
6	Pervasive Quartz-Sericite Alteration "Geyselite"	Light grey, reticulate quartz hairline to veinlets throughout.
5	Rhyodacite, Rhyolite, flows, tuffs	White to light grey, flow banded aphanitic, some fragmentals
4	Dacite, Lapilli tuff	Light green, aphanitic to slightly porphyritic.
3	Andesite, flows, fragmentals	green chloritic, fine crystalline epidote and quartz common well bedded tuffs, amygdaloidal
2	Volcanic Breccia, red coloured	Whitish green dacitic fragments in reddish groundmass
1	Parson Bay Formation (Upper Triassic) Calcareous siltstone, black limestone, shale, greywacke, tuffs.	well bedded to laminated limy clastics to silty carbonates black to dark coloured.

The claims are underlain mainly by Bonanza Volcanics ranging in composition from andesitic, dacitic to rhyodacitic and rhyolite. A small area in western EASY THREE contains recessive exposures of Parson Bay Formation sediments. A few narrow quartz porphyry dykes were noted cutting the Bonanza Volcanics.

An excellent discussion regarding the detail geology of the Easy Area is contained in Clapp (1915) in which he carried out considerable petrographic work. Clapp describes the less altered rocks on page 113 as follows:

" The Vancouver volcanics are feldspathic andesites and dacites, and include both flow and fragmental types, and the flow types are both amygdaloidal and porphyritic. However, in spite of their differences in composition and texture, all the volcanics have a very similar general appearance. They are most commonly dense, dark reddish rocks, although some are grey or greenish grey. The fragmental rocks range from dense rocks, resulting from the induration of very fine tuffs, to rather coarse breccias or agglomerates, with angular fragments up to 4" in diameter.

On microscopic examination the volcanics are seen to be essentially feldspathic, consisting largely of albite-oligoclase, ca. Ab. An. 15. Doubtless they originally contained hornblende, but this has been completely altered to chlorite, epidote, and calcite. The rocks are, therefore, classed as feldspathic andesites although some varieties which contain essential quartz are, of course, classed as dacites."

A distinctive deep red colored volcanic breccia-agglomerate was noted in the western edge of the property. Fragments are usually whitish-green dacitic composition set in a reddish-brown matrix.

Large exposures of well bedded andesite tuff with amygdaloidal tops occur south of the Ououkinish Mainline in central EASY THREE. Irregular quartz brecciation is common with epidote and quartz clots abundant. Intense chlorite is likely related to a major fault along the Easy Creek valley.

Dacitic tuffs and flows outcrop along the common claim line between EASY TWO and EASY THREE, in a small canyon near the 2E identification post and along both the northern and southern claim lines. A typical specimen would be a white weathering, light green crystal tuff with variable pyrite. Occasionally flattened pumice shards are discernable.

Rhyodacite to rhyolite flows and tuffs were found near the mouth of Easy Creek. Silicification is common throughout the claims, some thin section control will be needed if detail mapping was planned in the future.

Intense alteration is present in the form of alunite, pyrophyllite and silica mainly on the north end of the peninsula east of Easy Inlet, but also near the 3E identification post. Since almost all of the alunite and pyrophyllite zones are held on the old crown grants they do not form part of the EASY Group. Clapp has a particularly comprehensive section on these alteration types. However the quartz-sericite zones occur mainly on the T00 EASY claim. Clapp (1915) describes these areas on page 113:



"The quartz-sericite rocks are dense and in places cherty, light bluish grey to flesh coloured, and, owing to the almost universal presence of pyrite, are stained with hydrous iron oxides on their weathered surfaces. Beside quartz and sericite the only other minerals present are pyrite, limonite, kaolin, and in some places probably alunite, and in other places possibly pyrophyllite. The rocks are of fine but irregular grain varying from 0.001 to 0.1 mm. The pyrite occurs in small regular crystals and is apparently replacing the quartz and sericite, and appears, therefore, to be of later formation."

Previous workers (Gower and Ney 1973) suggest that this zone on T00 EASY is a geyserite deposit or siliceous sinter. Evidence from other alunite-pyrophyllite deposits (Kesler 1980, Worthington and Kiff 1973) point to the general conclusion of hot spring-sulfataric action during their formation.

Narrow quartz porphyry dykes were found cutting the dacitic tuff at several localities. These dykes are related to the much larger masses of porphyry associated with the periphery of the Kashutl Pluton.

Finely disseminated pyrite and quartz veining is common throughout the claims with a prominent rusty stain zone present near 2N.

## GEOCHEMISTRY

The location and results of soil sampling on the EASY Group are illustrated on Figure 4 and 5 (both in pocket). A total of 164 soils were collected partly on the claim lines and others taken in a reconnaissance fashion throughout the rest of the property. Some of the samples were taken in 1979 and also south of the claims are plotted on Figure 4 although they are not included in the statement of cost calculation contained in Appendix II.

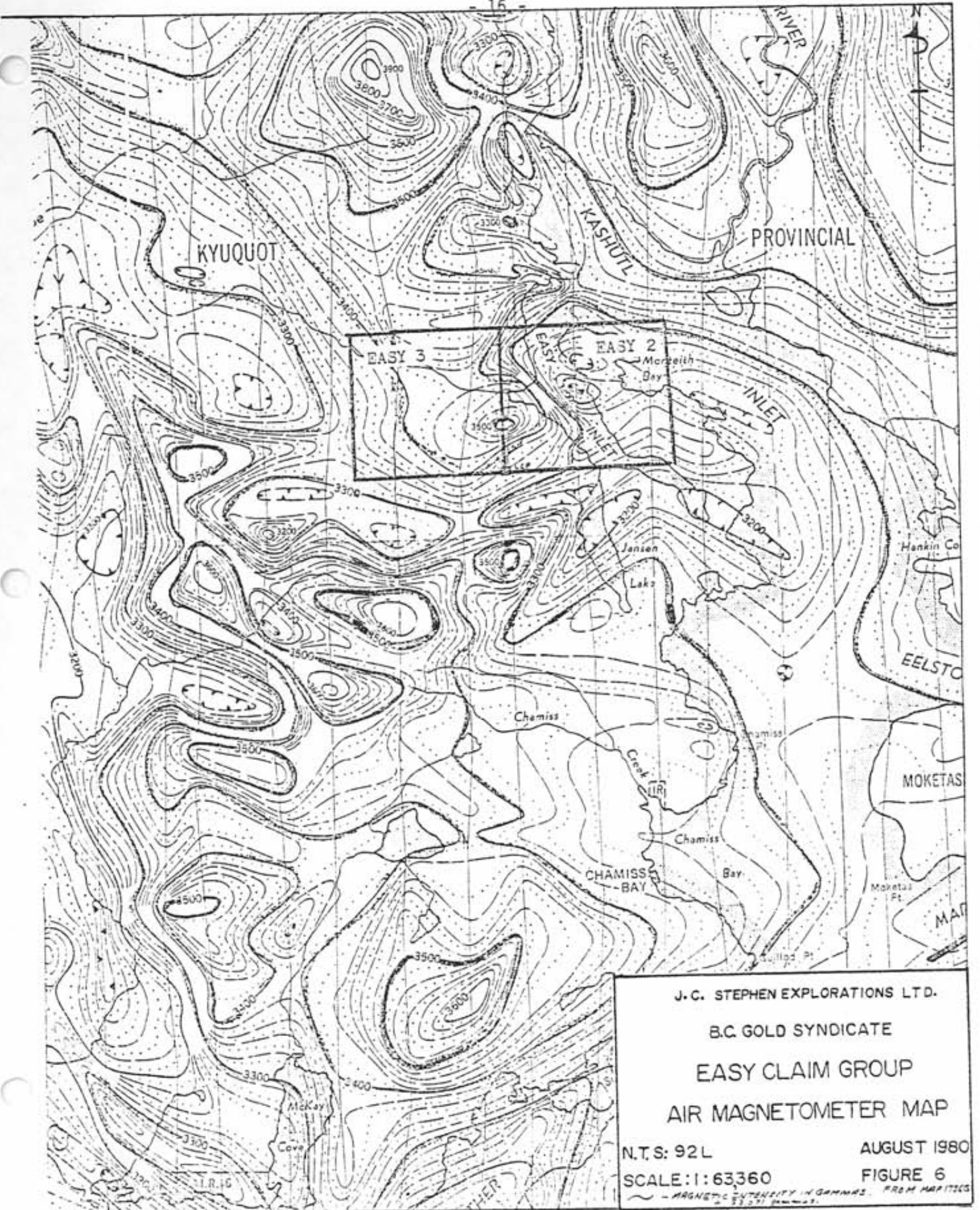
With four exceptions, all analyses of soil samples for gold are less than 10 ppb Au. Two samples are 20 ppb Au and two samples are 60 ppb Au. The 60 ppb Au samples were found near the bridge at 2.5 kilometres on the Ououkinish Mainline and were resampled without duplicating this threshold value. This area appears to be the locality where sphalerite was found in the past (Band 1971). No significant gold values are indicated by the soil survey, taking into consideration analytical reproducibility of Atomic Absorption, a gold content of more than 40 ppb Au would be needed to have an anomalous designation.

A frequency histogram of arsenic results is contained in Appendix IV. The distribution has a simple one population shape with a mean of 12.3 ppm and standard deviation of 35.5. Only two isolated samples are definitely anomalous. These two samples may reflect local concentrations of arsenopyrite.

The location and analytical results for rock geochemistry are shown on Figures 4 and 5 (both in pocket). In all cases gold and arsenic are very low. No zones of significance requiring follow up sampling were outlined by the present work.

### AIRBORNE MAGNETICS

An airborne magnetometer survey of the Kyuquot Area was flown by the Geological Survey of Canada in 1962 and is available as Map 1736G. Figure 6 is a portion of Map 1736G covering the EASY Group. The highest magnetic response is associated with the monzonitic Kashutl pluton just north of the claims where a high of 3900 gammas is attained but some topographic effect on the magnetic signature is evident. A small isolated high along the common claim line between EASY TWO and EASY THREE may reflect the occurrence of high level dacitic intrusions. Local magnetic lows appear to coincide with areas of intense alteration such as alunite and pyrophyllite zones and also on fault traces.



J. C. STEPHEN EXPLORATIONS LTD.  
 B.C. GOLD SYNDICATE  
 EASY CLAIM GROUP  
 AIR MAGNETOMETER MAP

N.T.S: 92L  
 SCALE: 1:63360

AUGUST 1980  
 FIGURE 6

MAGNETIC INTENSITY IN GAMMAS. FROM MAP 17363

CONCLUSIONS AND RECOMMENDATIONS

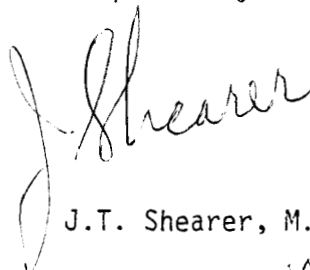
The EASY Group was located to more closely examine the intense alteration zones indicative of prolonged paleohotspring activity. A pronounced zonal pattern ranging from alunite-quartz, pyrophyllite-quartz to quartz-sericite nodes was observed.

No geochemically anomalous response was obtained from soil or rock sampling. Geological mapping established the presence of a relatively complex volcanic stratigraphy characterized by intermediate to felsic flows and pyroclastics. At least some of the dacitic units are in the form of high level intrusions.

To adequately understand the relationship between the dacitic intrusions and the epizonal monzonitic pluton to the north and the alteration zones on the small peninsula to the east a systematic program of geological mapping is required. A suite of thin section will be needed to identify some of the more subtle variations within the predominately fine crystalline volcanic facies.

The present work indicates that surface sampling is not helpful in defining areas of concentrated interest. A comprehensive geological map is warranted on perhaps a scale of 1:2000. The mapped area should include the Kashutl Pluton.

Respectfully submitted,



J.T. Shearer, M.Sc., F.G.A.C.

November 28 1960

REFERENCES

- Band, R.B. 1971 Geochemical Report on the EASY, ON, BP and BW Claim Groups  
B.C. Department of Mines Assessment Report 3008.
- British Columbia Minister of Mines, Annual Report: Geology, Exploration and Mining  
in British Columbia: 1971 pg 316, 1973, pg 256, pg 552
- Carson, D.J.T. 1973, The Plutonic Rocks of Vancouver Island  
Geological Survey of Canada, Paper 72-44, 70 pp.
- Clapp, C.H. 1915, The geology of the alunite and pyrophyllite rocks of  
Kyuquot Sound, Vancouver Island.  
Geological Survey of Canada, Summary Report 1913, p 109-126.
- Gower, S.C., and Ney, C.S. 1973 Rock geochemical Survey on Kashu Group #1  
B.C. Department of Mines Assessment Report 4539.
- Hoadley, J.W. 1953, Geology and mineral deposits of the Zeballos-Nimpkish  
area, Vancouver Island.  
Geological Survey of Canada, Memoir 272, 82 pp.
- Kesler, S. (in press) Geology of the Pueblo Viejo Gold deposit Dominican Republic  
Economic Geology.
- Muller, J.E; Northcote, K.E; Carlisle, L. 1974 Geology and Mineral Deposits  
of Alert-Cape Scott Map Area, Vancouver Island.  
Geological Survey of Canada., Paper 74-8, 77pp
- Robertson, W.F. 1921 Quartz Alunite Rocks, Kyuquot Sound  
B.C. Department of Mines, Annual Report. p N198-N202
- Tahsis Company 1979 Road Maps, published in 3 sheets at 1:100,000.
- Worthington, J.E., and Kiff, I.T., 1970 A suggested volcanigenic origin  
for certain gold deposits in the Slate Belt of the  
North Carolina Piedmont.  
Economic Geology, Volume 65, Page 529 - 537

APPENDIX I

LIST OF PERSONNEL  
AND DATES WORKED

ON

EASY GROUP

Field time August 6 to 25, 1980

APPENDIX I

LIST OF PERSONNEL AND DATES WORKED

<u>Name</u>	<u>Occupation</u>	<u>Address</u>	<u>Dates worked on Property</u>
J.T. Shearer	Geologist	R.R.#1 Mason Ave., Port Coquitlam, B.C.	August 8,9,10,11, 12, 1980
J.M. Pautler	Geologist 3 summers experience B.Sc. 1980(Laurentian)	539 Moore Street, Cambridge, Ontario.	August 8,9,15,17, 18,24,25, 1980
A.E. Heagy	Student 2 summers experience 3rd year Geology	1037 Brough Street, London, Ontario.	August 8,9,15,17, 18,24,25,1980
S.E. Angus	Prospector 4 years experience	12474 Crescent Road, Surrey, B.C.	August 9,10,12,13, 14,15, 1980
K.H. Stauffert	Student 1 summer experience 3rd year Geology	#256 Shanty Bay Road, Barrie, Ontario.	August 7,8,9,10,11, 12, 1980
M. Heroux	Labourer	P.O. Box 536, Queen Charlotte City	August 8,9,10,11, 12, 1980
G. Marchak	Student 2 summers experience	4455 West 1st Avenue Vancouver, B.C.	August 7,8,12,1980



APPENDIX II

STATEMENT OF COSTS

EASY GROUP

Field time August 6, to 25, 1980

## STATEMENT OF COSTS

## EASY GROUP

Field Time August 6 to August 26, 1980

## WAGES AND FRINGE BENEFITS

J.T. SHEARER	5 days	@	84.33 per day	=	\$ 421.65
J.M. PAUTLER	7 days	@	72.56 per day	=	507.92
A.E. HEAGY	7 days	@	65.15 per day	=	456.05
S.E. ANGUS	6 days	@	70.56 per day	=	423.36
K.H. STAUFFERT	6 days	@	60.93 per day	=	365.58
M. HEROUX	5 days	@	48.50 per day	=	242.50
G. MARCHAK	<u>3 days</u>	@	60.93 per day	=	<u>182.79</u>
	39 man days				\$2,599.85

## FOOD AND CAMP COSTS

	39 man days	@	\$12 per man day	=	468.00
Tent rental	4 tents		2 weeks		75.00
Radio rental			2 weeks		50.00

## TRANSPORTATION

## ISLAND AIR

Mob + Demob	3 Beaver trips				405.00
	2 Beaver trips				196.00
	1 Beaver trip				106.25
Boat Rental	14 days @ \$20 per day				280.00
	Gas 40 gal. @ \$1.20/gal.				48.00
Truck Rental and Gas	2 trucks @ \$135.00 per week				540.00

## GEOCHEMISTRY

Rock Samples	22 @ \$8.75 per sample				192.50
	Certificate Numbers				
Soil Samples	120 @ \$7.75 per sample				930.00
	Certificate Numbers				

## TOPOGRAPHIC MAPPING

PACIFIC SURVEY					751.00
DRAFTING AND REPRODUCTION					400.00
REPORT PREPARATION AND TYPING					<u>500.00</u>

\$7,541.60

APPENDIX III

STATEMENT OF QUALIFICATIONS

J.T. SHEARER, M.Sc., F.G.A.C.

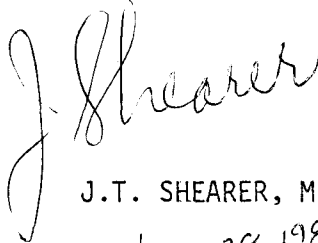
APPENDIX III

STATEMENT OF QUALIFICATIONS

I. J.T. SHEARER of the City of Port Coquitlam in the Province of British Columbia, hereby certify that:

- 1) I am a graduate of the University of British Columbia (1973) B.Sc., and University of London, Imperial College (1977) M.Sc., DIC.
- 2) I am a Fellow of the Geological Association of Canada.
- 3) I have worked continuously in Mineral Exploration since 1973 for McIntyre Mines Limited, Cities Service Minerals Corp. and J.C. Stephen Explorations Ltd.
- 4) I personally worked on EASY Group between August 6 and 25, 1980. This report is based on an interpretation of data collected.

Dated at North Vancouver,  
British Columbia



J.T. SHEARER, M.Sc., F.G.A.C.

November 28 1980

APPENDIX IV

Analytical Procedure  
Chemex Labs Ltd.,  
212 Brooksbank Ave.,  
North Vancouver, B.C.  
Hart Bichler, Chief Geochemist

and

Arsenic Histogram

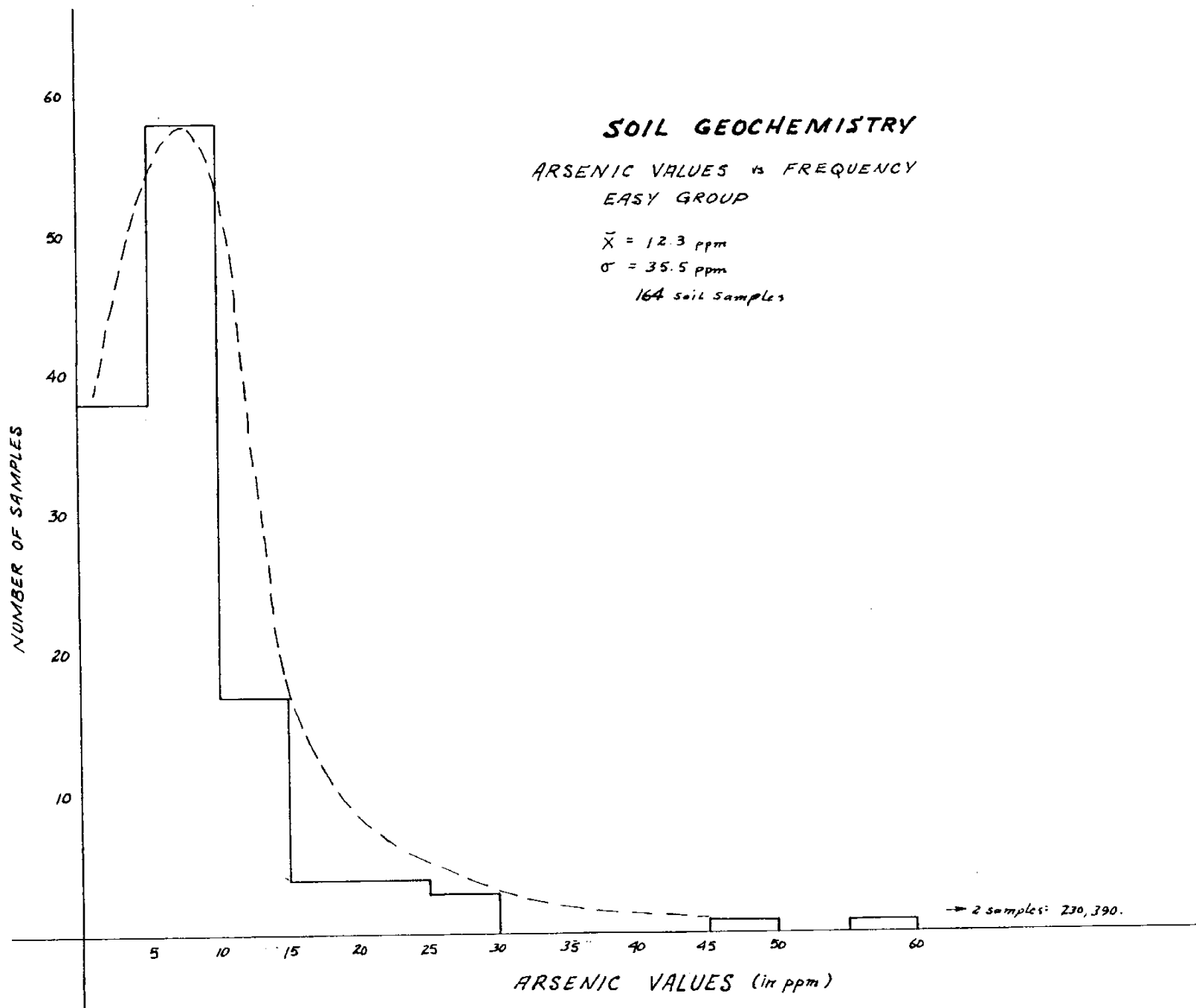
# SOIL GEOCHEMISTRY

ARSENIC VALUES vs FREQUENCY  
EASY GROUP

$$\bar{X} = 12.3 \text{ ppm}$$

$$\sigma = 35.5 \text{ ppm}$$

164 soil samples



APPENDIX V

CERTIFICATES OF ANALYSIS

CHEMEX LABS LTD.

EASY GROUP

1980



# CHEMEX LABS LTD.

212 BROOKSBANK AVE.  
NORTH VANCOUVER, B.C.  
CANADA V7J 2C1  
TELEPHONE: 984-0221  
AREA CODE: 604  
TELEX: 04-352597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

## CERTIFICATE OF ANALYSIS

TO: J. C. Stephen Explorations Ltd.,  
1124 W. 15th St.,  
North Vancouver, B.C.  
V7P 1M9

ATTN: B. C. Gold Syndicate #147 CC. Sandspit, B.C.

CERTIFICATE NO. 55619  
INVOICE NO. 38245  
RECEIVED Aug. 14/80  
ANALYSED Aug. 26/80

SAMPLE NO. :	PPM As	PPB Au
A-80-426	6	10
427	5	10
428	3	-10
1331	2	-10
1332	2	-10
1333	1	10
1334	1	-10
1335	7	-10
1336	2	-10
1361	3	-10
1362	8	-10
1363	5	10
1364	9	-10
1365	6	-10
1366	7	-10
1367	5	-10
1368	4	-10
1369	4	-10
1370	5	-10
1371	4	-10
1372	5	-10
1843	4	-10
1844	4	-10
1845	5	-10
1846	3	-10
1847	6	10
1848	4	-10
1849	5	-10
1850	11	-10
1851	7	Not sufficient sample
1852	9	-10
1853	1	-10
1854	6	-10
1855	5	-10
1900 EI	20	-10
1901 EI	16	-10
3000	3	-10
3001	6	-10
3002	5	-10
3003	5	-10
A-80 3004	9	-10

Note: - denotes less than



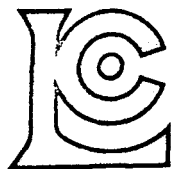
MEMBER  
CANADIAN TESTING  
ASSOCIATION

CERTIFIED BY: *Harold Blodgett*

*Handwritten scribbles*

*Handwritten signature*





# CHEMEX LABS LTD.

212 BROOKSBANK AVE.  
 NORTH VANCOUVER, B.C.  
 CANADA V7J 2C1  
 TELEPHONE: 984-0221  
 AREA CODE: 604  
 TELEX: 04-352597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

## CERTIFICATE OF ANALYSIS

TO: J. C. Stephen Explorations Ltd.,  
 1124 W. 15th St.,  
 North Vancouver, B.C.  
 V7P 1M9

ATTN: B. C. Gold Syndicate #147 CC. Sandspit, B.C.

CERTIFICATE NO. 55620

INVOICE NO. 38245

RECEIVED Aug. 14/80

ANALYSED Aug. 26/80

SAMPLE NO. :	PPM		PPB	
	As		Au	
A-80 3201	11		-10	
3202	50		20	
3203	9		-10	
3204	11		-10	
3205	9		-10	
U-80 227	5		-10	
3101	7		-10	
3102	17		-10	
3103	29		-10	
3104	29		-10	
3105	6		10	
3151	9		-10	
3152	7		-10	
3251	7		-10	
3301	3		-10	
3302	5		10	
A-80 3408	5		-10	
3409	4		-10	
3410	4		20	
3411	9		10	
3412	12		-10	
3413	12		-10	
3415	15		10	
3416	9		-10	
3417	14		10	
3418	24		-10	
3419	25		10	
3420	19		-10	
3421	43		20	
3422	9		10	
3423	5		20	
3424	7		-10	
3425	4		-10	
3426	9		-10	
3427	9		-10	
3428	3		-10	
3429	4		-10	
3430	4		20	
3431	2		-10	
A-80 3432	4		-10	

Ncte: - denotes less than



MEMBER  
 CANADIAN TESTING  
 ASSOCIATION

CERTIFIED BY:

*Hank Smith*



# CHEMEX LABS LTD.

212 BROOKSBANK AVE.  
 NORTH VANCOUVER, B.C.  
 CANADA V7J 2C1  
 TELEPHONE: 984-0221  
 AREA CODE: 604  
 TELEX: 04-352597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

## CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 55621

TO: J. C. Stephen Explorations Ltd.,  
 1124 W. 15th St.,  
 North Vancouver, B.C.  
 V7P 1M9

INVOICE NO. 38245

RECEIVED Aug. 14/80

ANALYSED Aug. 26/80

ATTN: B. C. Gold Syndicate #147 CC. Sandspit, B.C.

SAMPLE NO. :	PPM As	PPB Au
A-80 3433	3	-10
3434	3	-10
3435	2	-10
3436	4	10
3437	2	-10
3438	3	-10
3439	1	-10
3440	3	20
3441	2	10
3442	3	10
3607	7	-10
3608	4	-10
3609	5	-10
3610	2	20
3611	6	-10
3612	3	20
3613	5	20
3614	5	20
3615	6	-10
3616	6	-10
3617	10	-10
3618	6	-10
3619	11	-10
3801	17	-10
3802	6	-10
3803	3	-10
3804	4	-10
3805	6	-10
3806	2	-10
3807	1	10
3808	4	40
A-80 3809	3	10
50W E.I.	6	10
100W	7	-10
150W	5	-10
200W	5	-10
250W	9	-10
300W	7	-10
350W	10	-10
50N E.I.	5	-10

Note: - denotes less than



MEMBER  
 CANADIAN TESTING  
 ASSOCIATION

CERTIFIED BY: *[Signature]*



# CHEMEX LABS LTD.

212 BROOKSBANK AVE.  
 NORTH VANCOUVER, B.C.  
 CANADA V7J 2C1  
 TELEPHONE: 984-0221  
 AREA CODE: 604  
 TELEX: 04-352597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

## CERTIFICATE OF ANALYSIS

TO: J. C. Stephen Explorations Ltd.,  
 1124 W. 15th St.,  
 North Vancouver, B.C.  
 V7P 1M9

ATTN: B. C. Gold Syndicate #147 CC. Sandspit, B.C.

CERTIFICATE NO. 55622

INVOICE NO. 38245

RECEIVED Aug. 14/80

ANALYSED Aug. 26/80

SAMPLE NO. :	PPM As	PPB Au
150NE.I.	7	10
200	3	-10
250	4	-10
300	3	-10
500	23	-10
550	24	10
600	3	-10
650	4	-10
700	6	-10
750	10	-10
800	7	-10
850	7	-10
900	7	-10
950	11	20
1000	9	10
1:50	9	-10
1:00	6	-10
1:50	6	-10
1:00	9	-10
1:50	14	-10
1:00	12	-10
1:50	7	10
1:00	5	-10
1:50	9	-10
1:00	7	-10
1:50	11	10
200NE.I.	15	-10
A-80 4001	3	-10
4002	5	-10
4003	3	-10
4004	6	-10
4005	4	-10
4006	4	-10
4007	3	10
1 E.I.	15	-10
2 E.I.	7	-10

Note: - denotes less than



MEMBER  
 CANADIAN TESTING  
 ASSOCIATION

CERTIFIED BY:

*[Handwritten Signature]*



# CHEMEX LABS LTD.

212 BROOKSBANK AVE.  
 NORTH VANCOUVER, B.C.  
 CANADA V7J 2C1  
 TELEPHONE: 984-0221  
 AREA CODE: 604  
 TELEX: 04-352597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

## CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 55623

TO: J. C. Stephen Explorations Ltd.,  
 1124 W. 15th St.,  
 North Vancouver, B.C.  
 V7P 1M9

INVOICE NO. 38245

RECEIVED Aug. 14/80

ATTN: B. C. Gold Syndicate #147 CC. Sandspit, B.C.

ANALYSED Aug. 26/80

SAMPLE NO. :	PPM	PPB
	As	Au
3 E.I.	7	-10
4	7	-10
7	7	-10
9	4	-10
13	4	-10
14	7	-10
15E.I.	10	10
Note: - denotes less than		



MEMBER  
 CANADIAN TESTING  
 ASSOCIATION

CERTIFIED BY: *Hank [Signature]*



# CHEMEX LABS LTD.

212 BROOKSBANK AVE.  
 NORTH VANCOUVER, B.C.  
 CANADA V7J 2C1  
 TELEPHONE: 984-0221  
 AREA CODE: 604  
 TELEX: 04-352597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

## CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 55616

TO: J. C. Stephen Explorations Ltd.,  
 1124 V r 15th St.,  
 North Vancouver, B.C.  
 V7P 1M9

*LEASY*

INVOICE NO. 38289

RECEIVED Aug. 14/80

ATTN: B. C. Gold Syndicate ROCKS CC. Sandspit, B.C.

ANALYSED Aug. 27/80

SAMPLE NO. :	PPM As	PPB Au	PPM Cu
→92501	6	-10	
56355	18	-10	
56356	8	-10	
56357	3	-10	
56358	2	-10	
56359	5	-10	
56360	36	-10	
56367	2	-10	
58500	1	-10	
92401	2	-10	
92402	2	-10	
92403	50	-10	
92404	3	-10	
92405	3	-10	
92406	+500	-10	
92407	5	-10	
92502	15	-10	
92503	19	-10	
92504	2	-10	
92551	1	-10	
92552	5	-10	
92553	1	-10	
92554	2	-10	
92555	4	-10	
92556	1	-10	4
92557	1	-10	
92558	14	-10	
92559	125	-10	
92560	3	-10	
92561	27	NSS	
92562	1	-10	
92563	5	-10	
92564	2	-10	
92565	5	-10	
92566	1	-10	
92567	2	-10	
92568	1	-10	
92603	4	-10	
92604	9	-10	
92605	25	-10	

Note: - denotes less than  
 NSS - Not sufficient sample



MEMBER  
 CANADIAN TESTING  
 ASSOCIATION

CERTIFIED BY: *[Signature]*



# CHEMEX LABS LTD.

212 BROOKSBANK AVE.  
NORTH VANCOUVER, B.C.  
CANADA V7J 2C1  
TELEPHONE: 984-0221  
AREA CODE: 604  
TELEX: 04-352597

• ANALYTICAL CHEMISTS    • GEOCHEMISTS    • REGISTERED ASSAYERS

## CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 55617

TO: J. C. Stephen Explorations Ltd.,  
1124 W. 15th St.,  
North Vancouver, B.C.  
V7P 1M9

INVOICE NO. 38289

RECEIVED Aug. 14/80

ATTN: B. C. Gold Syndicate #147    ROCKS    CC. Sandspit, B.C.

ANALYSED Aug. 27/80

SAMPLE NO. :	PPM	PPB	
	As	Au	
92651	2	30	Monteith Run. EASY.
92652	2	10	
92653	1	-10	
92654	300	-10	
92655	4	-10	
92656	6	-10	
92657-	6	-10	
92658	3	-10	EASY
92701	9	-10	
92702	7	-10	
92703	75	-10	
92704	11	-10	
92705	175	-10	
92706	2	-10	EASY 1
Note: - denotes less than			



MEMBER  
CANADIAN TESTING  
ASSOCIATION

CERTIFIED BY: 



# CHEMEX LABS LTD.

212 BROOKSBANK AVE.  
 NORTH VANCOUVER, B.C.  
 CANADA V7J 2C1  
 TELEPHONE: (604)984-0221  
 TELEX: 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS
-------------------------

TO : J.C. Stephen Explorations Ltd.,  
 B.C. Gold Syndicate #147  
 P.O. Box 296  
 Sandspit, B.C.  
 V0T 1T0

CERT. # : A8010122-001-A  
 INVOICE # : 38534  
 DATE : 08-SEP-80

*EASY and surrounding Areas.*

Sample description	As ppm	Au -(AA) ppb		
A-80-3810	12	<10	--	--
A-80-3811	6	<10	--	--
A-80-3812	46	<10	--	--
A-80-3813	67	50	--	--
A-80-3443	10	<10	--	--
A-80-3444	12	<10	--	--
A-80-3445	8	<10	--	--
A-80-3446	5	<10	--	--
A-80-3447	4	<10	--	--
A-80-3448	7	<10	--	--
A-80-3449	7	<10	--	--
A-80-3450	11	<10	--	--
A-80-3451	25	<10	--	--
A-80-3452	30	<10	--	--
A-80-3453	7	<10	--	--
A-80-3454	390	<10	--	--
A-80-3455	10	20	--	--
A-80-3456	11	<10	--	--
A-80-3457	10	<10	--	--
A-80-3458	12	<10	--	--
A-80-3459	8	<10	--	--
A-80-3460	11	<10	--	--
A-80-3461	10	<10	--	--
A-80-3462	9	<10	--	--
A-80-3463	7	<10	--	--
A-80-3464	9	<10	--	--
A-80-3465	11	<10	--	--
A-80-3466	11	<10	--	--
A-80-3467	9	<10	--	--
A-80-3468	32	<10	--	--
A-80-3469	7	<10	--	--
A-80-3470	5	<10	--	--
A-80-3471	14	<10	--	--
J-80-3105	9	<10	--	--
A-80-3620	6	<10	--	--
A-80-3621	6	<10	--	--
A-80-3622	6	<10	--	--
A-80-3623	7	<10	--	--
A-80-3624	4	<10	--	--
A-80-3625	3	<10	--	--

*EASY 1+2*

*Prospecting EASY AREA*

*EASY*

*Hart Biddle*

Certified by .....





# CHEMEX LABS LTD.

212 BROOKSBANK AVE.  
NORTH VANCOUVER, B.C.  
CANADA V7J 2C1  
TELEPHONE: (604)984-0221  
TELEX: 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

## CERTIFICATE OF ANALYSIS

C : J.C. Stephen Explorations Ltd.,  
B.C. Gold Syndicate #147  
P.O. Box 296  
Sandspit, B.C.  
VOT ITO

CERT. # : A8010122-C02-A  
INVOICE # : 38534  
DATE : 08-SEP-80

EASY

Sample description	As ppm	Au -(AA) ppb		
A-80-3626 EASY	3	<10	--	--
A-80-3627	2	<10	--	--
A-80-3628	10	<10	--	--
A-80-3629	53	<10	--	--
A-80-3630	125	40	--	--
A-80-3631	165	100	--	--
A-80-3632	24	<10	--	--
A-80-3633	51	<10	--	--
A-80-3634	53	<10	--	--
A-80-3635	20	<10	--	--
A-80-3636	22	<10	--	--
A-80-3207	57	<10	--	--
C NUMBER	70	<10	--	--
A-80-3005	33	<10	--	--
A-80-3006	135	<10	--	--

Prospecting  
EASY AREA  
A.H.



Certified by *Hart Biddle*





# CHEMEX LABS LTD.

212 BROOKSBANK AVE.  
 NORTH VANCOUVER, B.C.  
 CANADA V7J 2C1  
 TELEPHONE: (604)984-0221  
 TELEX: 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS
-------------------------

TO : J.C. Stephen Explorations Ltd.,  
 B.C. Gold Syndicate #147  
 P.O. Box 296  
 Sandspit, B.C.  
 V0T 1T0

*EASY INLET*

CERT. # : A8010224-001-A  
 INVOICE # : 38667  
 DATE : 11-SEP-80  
 BC GOLD SYNDICATE

Sample description	As ppm	Au -(AA) ppb		
92707	3	10	--	--
92708	10	<10	--	--
92709	8	10	--	--
92710	22	10	--	--
92711	2	<10	--	--
92712	5	10	--	--
92713	33	<10	--	--
92714	15	50	--	--
92715	130	20	--	--
92505	30	<10	--	--
92506	7	<10	--	--
92509	20	<10	--	--
92570	17	<10	--	--
92571	38	<10	--	--
92572	13	<10	--	--
92573	3	10	--	--
92574	11	<10	--	--
92575	38	<10	--	--
92576	2	<10	--	--
92577	73	10	--	--
92578	6	<10	--	--
92579	27	30	--	--
92581	57	<10	--	--
92582	45	140	--	--
92602	55	<10	--	--
92604	9	340	--	--
92609	4	20	--	--
92478	1	10	--	--
92601	6	10	--	--
92602	3	<10	--	--

*SA EASY INLET*

*JP EASY INLET*

*Surf soil #1*

*AH EASY INLET*

*JS*

*GM EASY*

6



Certified by *Hart Biddle*



# CHEMEX LABS LTD.

212 BROOKSBANK AVE.  
 NORTH VANCOUVER, B.C.  
 CANADA V7J 2C1  
 TELEPHONE: (604)984-0221  
 TELEX: 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

<b>CERTIFICATE OF ANALYSIS</b>
--------------------------------

TO : J.C. Stephen Explorations Ltd.,  
 B.C. Gold Syndicate #147  
 P.O. Box 296  
 Sandspit, B.C.  
 V0T 1T0

CERT. # : A8010371-001-A  
 INVOICE # : 38934  
 DATE : 19-SEP-80

*EASY, KING IS.*

Sample description	Prep code	As ppm	Au -(AA) ppb				
A80-3637	203	7	<10	--	--	--	--
A80-3638	203	9	<10	--	--	--	--
A80-3639	203	7	<10	--	--	--	--
A80-3640	203	9	<10	--	--	--	--
A80-3641	203	23	<10	--	--	--	--
A80-3642	203	9	<10	--	--	--	--
A80-3644	203	7	<10	--	--	--	--
A80-3645	203	41	<10	--	--	--	--
A80-3646	203	41	<10	--	--	--	--
A80-3647	203	51	<10	--	--	--	--
A80-3648	203	45	<10	--	--	--	--
A80-3649	203	45	<10	--	--	--	--
A80-3650	203	35	<10	--	--	--	--
A80-3651	203	33	<10	--	--	--	--
A80-3652	203	2	<10	--	--	--	--
A80-3653	203	4	<10	--	--	--	--
A80-3655	203	3	<10	--	--	--	--
A80-3656	203	45	<10	--	--	--	--
A80-3657	203	1	<10	--	--	--	--
A80-3658	203	2	<10	--	--	--	--
A80-3659	203	5	<10	--	--	--	--
A80-3660	203	6	<10	--	--	--	--
A80-3661	203	8	<10	--	--	--	--
A80-3662	203	6	<10	--	--	--	--
A80-3663	203	5	<10	--	--	--	--
A80-3664	203	11	<10	--	--	--	--
A80-3665	203	4	<10	--	--	--	--
A80-3666	203	1	<10	--	--	--	--
A80-3667	203	1	<10	--	--	--	--
A80-3668	203	1	<10	--	--	--	--
U80-3153	203	12	<10	--	--	--	--
U80-3154	203	5	<10	--	--	--	--
U80-3155	203	75	<10	--	--	--	--
U80-3156	203	4	<10	--	--	--	--
U80-3157	203	1	<10	--	--	--	--
A80-3208	203	7	<10	--	--	--	--
A80-3209	203	41	<10	--	--	--	--
A80-3210	203	45	<10	--	--	--	--
A80-3211	203	145	<10	--	--	--	--
A80-3212	203	19	<10	--	--	--	--

*Prospecting  
EASY AREA.*

*EASY 2  
KING*

*Prospecting  
Easy Area  
J.P.*

*Harold Riddle*

Certified by .....





# CHEMEX LABS LTD.

212 BROOKSBANK AVE.  
 NORTH VANCOUVER, B.C.  
 CANADA V7J 2C1  
 TELEPHONE: (604)984-0221  
 TELEX: 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

<b>CERTIFICATE OF ANALYSIS</b>
--------------------------------

TO : J.C. Stephen Explorations Ltd.,  
 B.C. Gold Syndicate #147  
 P.O. Box 296  
 Sandspit, B.C.  
 V0T 1T0

CERT. # : A8010371-001-A  
 INVOICE # : 38934  
 DATE : 19-SEP-80

EASY, KING IS.

Sample description	Prep code	As ppm	Au -(AA) ppb				
A80-3637	203	7	<10	--	--	--	--
A80-3638	203	9	<10	--	--	--	--
A80-3639	203	7	<10	--	--	--	--
A80-3640	203	9	<10	--	--	--	--
A80-3641	203	23	<10	--	--	--	--
A80-3642	203	9	<10	--	--	--	--
A80-3644	203	7	<10	--	--	--	--
A80-3645	203	41	<10	--	--	--	--
A80-3646	203	41	<10	--	--	--	--
A80-3647	203	51	<10	--	--	--	--
A80-3648	203	45	<10	--	--	--	--
A80-3649	203	45	<10	--	--	--	--
A80-3650	203	35	<10	--	--	--	--
A80-3651	203	33	<10	--	--	--	--
A80-3652	203	2	<10	--	--	--	--
A80-3653	203	4	<10	--	--	--	--
A80-3655	203	3	<10	--	--	--	--
A80-3656	203	45	<10	--	--	--	--
A80-3657	203	1	<10	--	--	--	--
A80-3658	203	2	<10	--	--	--	--
A80-3659	203	5	<10	--	--	--	--
A80-3660	203	6	<10	--	--	--	--
A80-3661	203	8	<10	--	--	--	--
A80-3662	203	6	<10	--	--	--	--
A80-3663	203	5	<10	--	--	--	--
A80-3664	203	11	<10	--	--	--	--
A80-3665	203	4	<10	--	--	--	--
A80-3666	203	1	<10	--	--	--	--
A80-3667	203	1	<10	--	--	--	--
A80-3668	203	1	<10	--	--	--	--
U80-3153	203	12	<10	--	--	--	--
U80-3154	203	5	<10	--	--	--	--
U80-3155	203	75	<10	--	--	--	--
U80-3156	203	4	<10	--	--	--	--
U80-3157	203	1	<10	--	--	--	--
A80-3208	203	7	<10	--	--	--	--
A80-3209	203	41	<10	--	--	--	--
A80-3210	203	45	<10	--	--	--	--
A80-3211	203	145	<10	--	--	--	--
A80-3212	203	19	<10	--	--	--	--

*Prospecting  
Easy Area.*

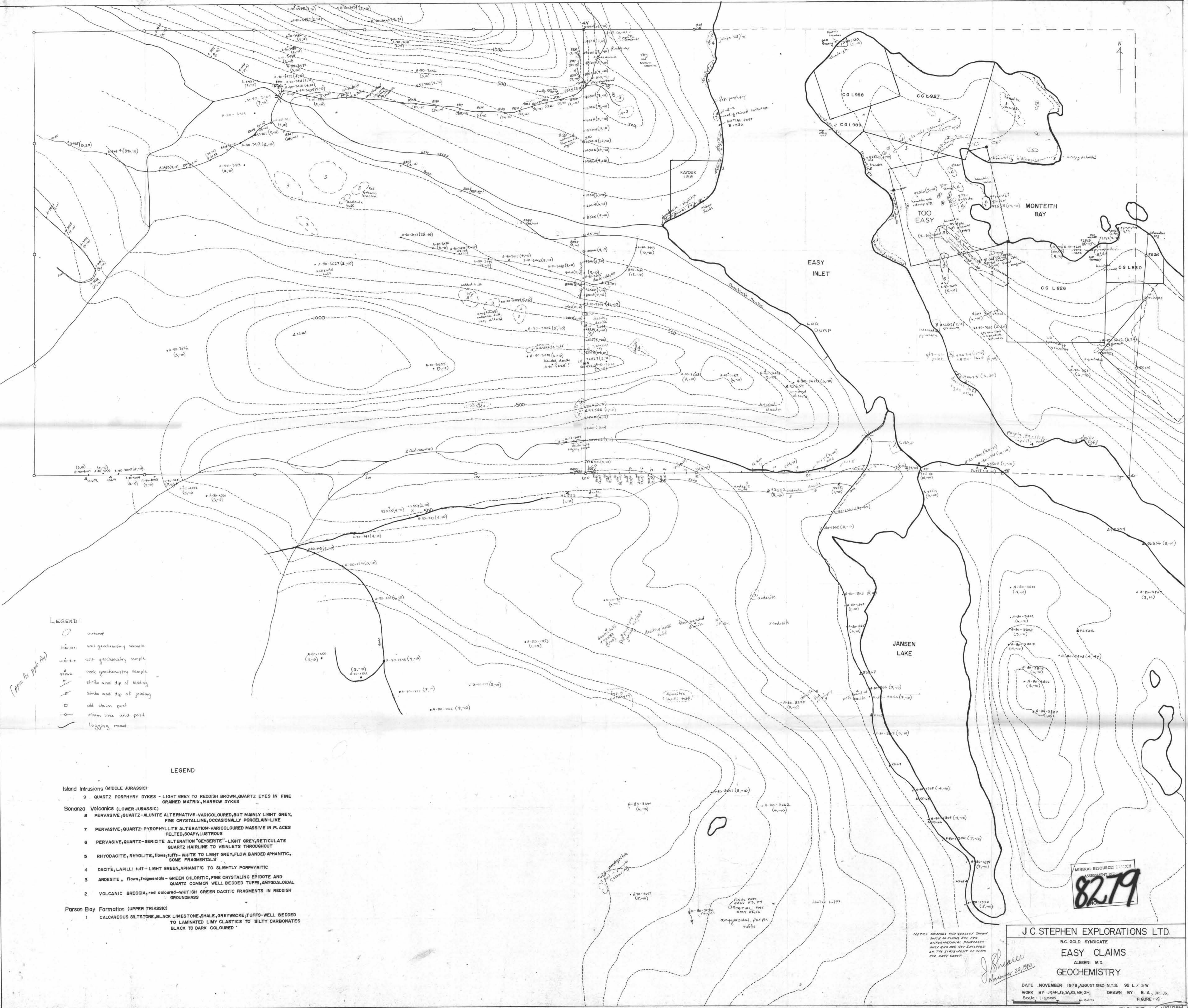
*Easy 2  
KING*

*Prospecting  
Easy Area  
J.P.*

*Hart Biddle*

Certified by .....





- LEGEND:
- outcrop
  - soil geochemistry sample
  - silt geochemistry sample
  - rock geochemistry sample
  - strike and dip of bedding
  - strike and dip of jointing
  - old claim post
  - claim line and post
  - logging road

- LEGEND
- Island Intrusions (MIDDLE JURASSIC)
- 9 QUARTZ PORPHYRY DYKES - LIGHT GREY TO REDDISH BROWN, QUARTZ EYES IN FINE GRAINED MATRIX, NARROW DYKES
- Bonanza Volcanics (LOWER JURASSIC)
- 8 PERVASIVE, QUARTZ-ALUNITE ALTERNATIVE-VARICOLOURED, BUT MAINLY LIGHT GREY, FINE CRYSTALLINE, OCCASIONALLY PORCELAIN-LIKE
  - 7 PERVASIVE, QUARTZ-PYROPHYLITE ALTERATION-VARICOLOURED MASSIVE IN PLACES FELTED, SOAPY, LUSTROUS
  - 6 PERVASIVE, QUARTZ-SERICITE ALTERATION "GEYSERITE" - LIGHT GREY, RETICULATE QUARTZ HAIRLINE TO VEINLETS THROUGHOUT
  - 5 RHODACITE, RHYOLITE, flows, tuffs - WHITE TO LIGHT GREY, FLOW BANDED APHANITIC, SOME FRAGMENTALS
  - 4 DACITE, LAPILLI tuff - LIGHT GREEN, APHANITIC TO SLIGHTLY PORPHYRITIC
  - 3 ANDESITE, flows, fragmentals - GREEN CHLORITIC, FINE CRYSTALLINE EPIDOTE AND QUARTZ COMMON WELL BEDDED TUFFS, AMYGDALOIDAL
  - 2 VOLCANIC BRECCIA, red coloured-WHITISH GREEN DACITIC FRAGMENTS IN REDDISH GROUNDMASS
- Parson Bay Formation (UPPER TRIASSIC)
- 1 CALCAREOUS SILTSTONE, BLACK LIMESTONE, SHALE, GREYWACKE, TUFFS - WELL BEDDED TO LAMINATED LIMY CLASTICS TO SILTY CARBONATES BLACK TO DARK COLOURED

MINERAL RESOURCES DIVISION  
ASSESSMENT REPORT  
**8279**

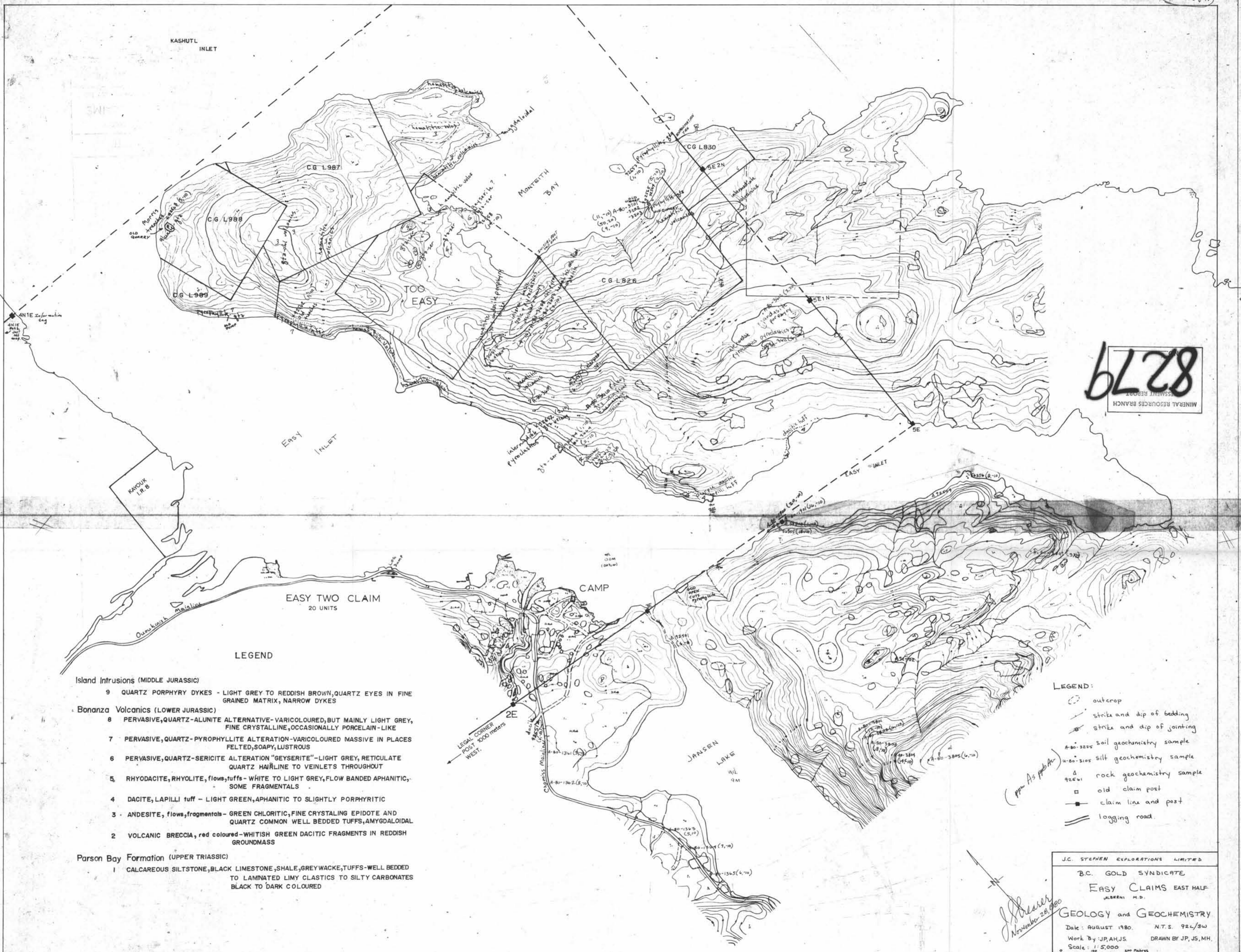
J.C. STEPHEN EXPLORATIONS LTD.  
B.C. GOLD SYNDICATE  
**EASY CLAIMS**  
ALBERNI M.D.  
**GEOCHEMISTRY**

DATE: NOVEMBER 1979, AUGUST 1980 N.T.S. 92 L / 3 W  
WORK BY: JRM, JS, SAKS, MGH, GM  
Scale: 1:5000  
DRAWN BY: B.A. JR., JS  
FIGURE 4

NOTE: SAMPLES AND RESULTS SHOWN SOUTH OF CLAIM ARE FOR INFORMATIONAL PURPOSES ONLY AND ARE NOT ENCLOSED AS THE EMPLOYMENT OF CLAIMS FOR EASY CLAIMS

*J. Stephen*  
November 28, 1980

FIGURE 4 (MILE PLAN)



8279  
 MINERAL RESOURCES BRANCH  
 ESSAY REPORT

**LEGEND**

- Island Intrusions (MIDDLE JURASSIC)
  - 9 QUARTZ PORPHYRY DYKES - LIGHT GREY TO REDDISH BROWN, QUARTZ EYES IN FINE GRAINED MATRIX, NARROW DYKES
- Bonanza Volcanics (LOWER JURASSIC)
  - 8 PERVASIVE, QUARTZ-ALUNITE ALTERATION - VARICOLOURED, BUT MAINLY LIGHT GREY, FINE CRYSTALLINE, OCCASIONALLY PORCELAIN-LIKE
  - 7 PERVASIVE, QUARTZ-PYROPHYLLITE ALTERATION - VARICOLOURED MASSIVE IN PLACES FELTED, SOAPY, LUSTROUS
  - 6 PERVASIVE, QUARTZ-SERICITE ALTERATION "GEYSERITE" - LIGHT GREY, RETICULATE QUARTZ HAIRLINE TO VEINLETS THROUGHOUT
  - 5 RHYODACITE, RHYOLITE, flows, tuffs - WHITE TO LIGHT GREY, FLOW BANDED APHANITIC, SOME FRAGMENTALS
  - 4 DACITE, LAPILLI tuff - LIGHT GREEN, APHANITIC TO SLIGHTLY PORPHYRITIC
  - 3 ANDESITE, flows, fragmentals - GREEN CHLORITIC, FINE CRYSTALLINE EPIDOTE AND QUARTZ COMMON WELL BEDDED TUFFS, AMYGDALOIDAL
  - 2 VOLCANIC BRECCIA, red coloured - WHITISH GREEN DACITIC FRAGMENTS IN REDDISH GROUNDMASS
- Parson Bay Formation (UPPER TRIASSIC)
  - 1 CALCAREOUS SILTSTONE, BLACK LIMESTONE, SHALE, GREY WACKE, TUFFS - WELL BEDDED TO LAMINATED LIMY CLASTICS TO SILTY CARBONATES BLACK TO DARK COLOURED

**LEGEND:**

- outcrop
- strike and dip of bedding
- strike and dip of jointing
- A-80-3225 soil geochemistry sample
- u-80-3105 silt geochemistry sample
- △ rock geochemistry sample
- old claim post
- claim line and post
- ≡ logging road

*(from AS per Mr)*

LEGAL CORNER POST 1000 METERS WEST

J.C. STEPHEN EXPLORATIONS LIMITED  
 B.C. GOLD SYNDICATE  
**EASY CLAIMS EAST HALF**  
 ALBERTA, M.D.  
**GEOLOGY and GEOCHEMISTRY**  
 Date: AUGUST 1980. N.T.S. 924/3W  
 Work By: J.P.A.H.J.S. DRAWN BY J.P., J.S., M.H.  
 Scale: 1:5,000 500 METERS

*J.P. A.H.J.S.*  
 November 28, 1980

FIGURE 5