

LOC. NO. 1219 RD.
ADVISOR
FILE NO.

ASSESSMENT REPORT

GEOLOGICAL REPORT

GOLDKEISH CLAIM GROUP

FILMED

GOLDKEISH (840), GOLDKEISH 2 (1674),
GOLDKEISH 3(3633), GOLDKEISH 4 (3632)

NTS: 103P/5W
LAT: 55 ²²~~28~~'N
LONG: 129 47'W

SUB-RECORDER
RECEIVED
DEC 8 1988
M.R. # \$
VANCOUVER, B.C.

OWNERS : Tom Cloke (GK, GK # 2,3) Lloyd Worthing (GK # 4)

REPORT BY: : Roy Wares, P.Eng

DATE : 20 November 1988

DATE OF WORK: 13 July 1988 to 20 July 1988

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

18,127

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1 INTRODUCTION

1:1 Location

The Godlkeish property is located in the Skeena Mining Division (NTS 103 P 5/E). The claims are located 120 kms NNE of Prince Rupert, B.C. (fig 1)

1:2 Access

Access to the claim group is by float plane from Prince Rupert, the regional logistic centre. Several charter airlines are available at the Seal Cove float base at Prince Rupert.

Alternate access is by boat from Kitsault, at the head of Alice Arm, 22 kms from the property. There is also access from Stewart, B.C., by helicopter.

Within the property and on Bocking peninsula, access is by boat or on foot. There are no roads.

1:3 Topography

The Claim group is located at sea level to 75 m ASL, in an area of dense second growth cedar and hemlock, with a dense understorey of bush. Previous fires left occasional small stands of first growth timber.

1:4 Claim Status

The property comprises four, two post claims (fig 2)

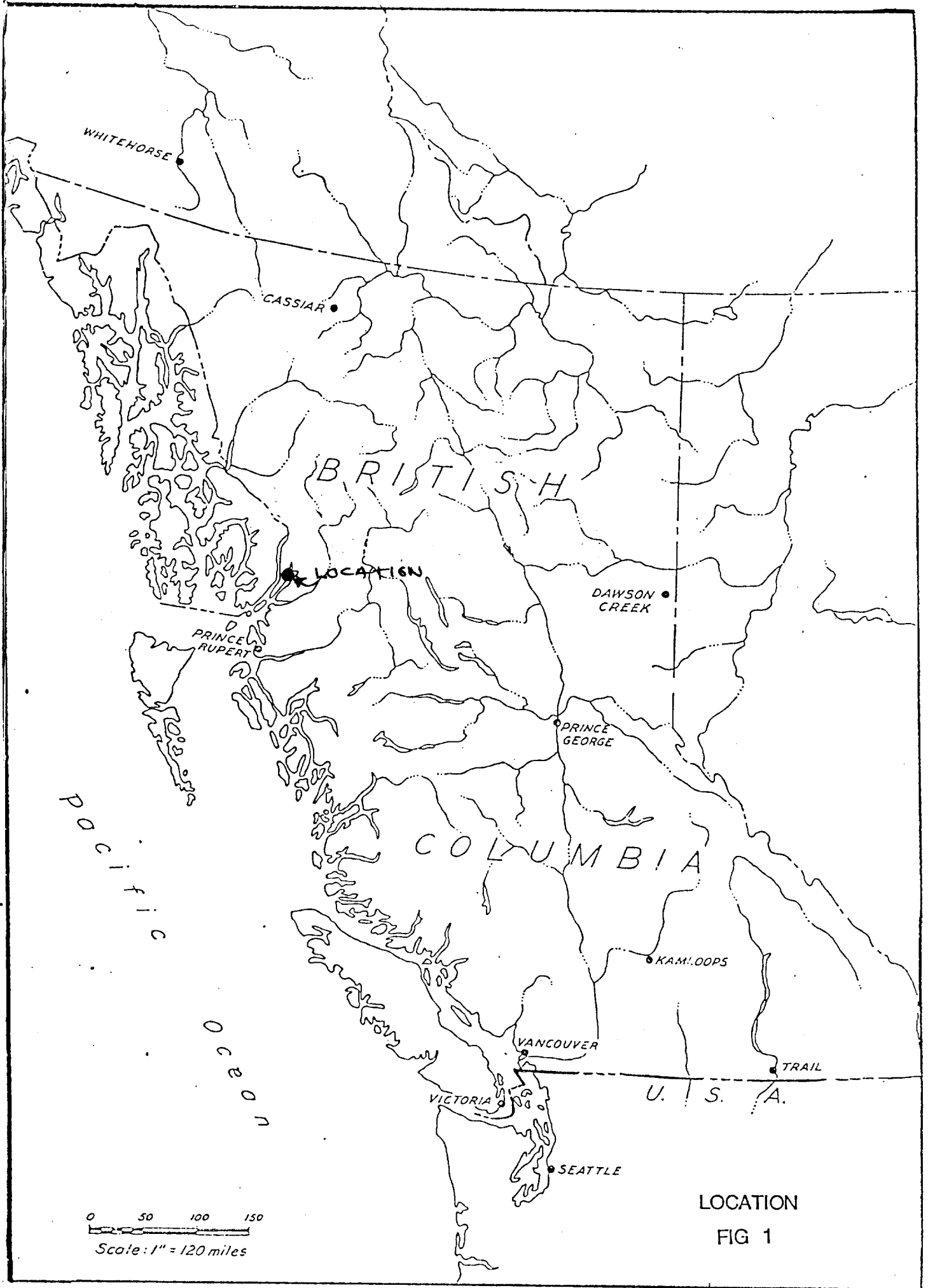
Table 1

Name	#	Date Recorded
Goldkeish	840	15 Aug., 1979
Goldkeish # 2	1674	19 July 1979
Goldkeish # 3	3633	7 Sept. 1982
Goldkeish # 4	3632	9 Sept. 1982

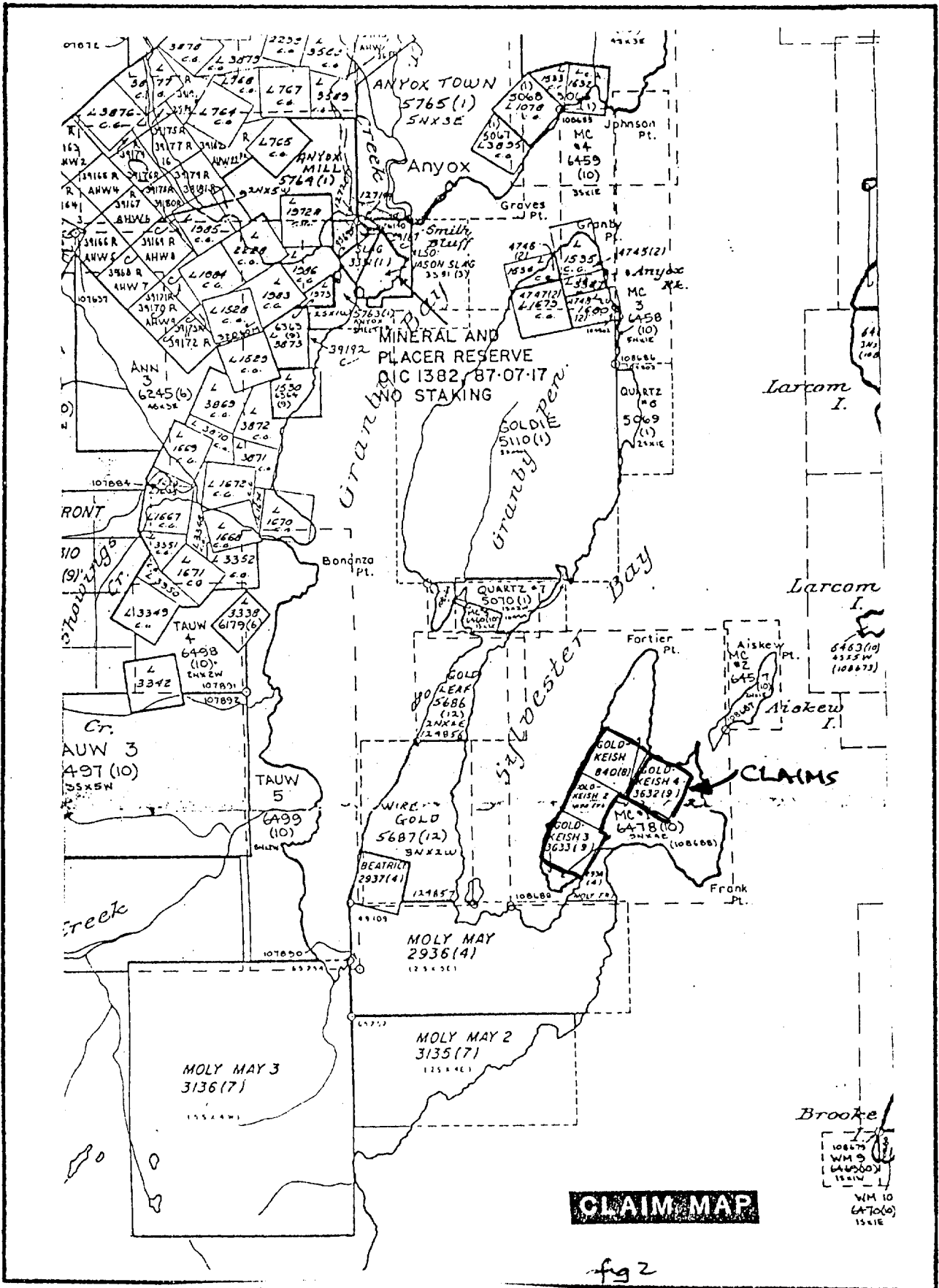
Goldkeish, Goldkeish # 2, 3, claims are owned by Tom Cloke, Box 113, Granisle, B.C., and the Goldkeish is owned by Lloyd Worthing, Box 53, Granisle, B.C.

Claim posts for Goldkeish & Goldkeish # 2 were identified. Elsewhere, posts with tags destroyed (by bears ?) were recognised.

One year of assessment work is being applied for.

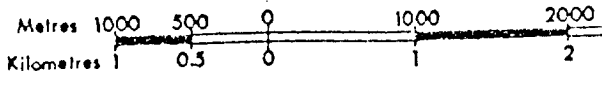


LOCATION
FIG 1



CLAIM MAP

fig 2



Brooke
 10875
 WM 9
 LAWSON
 1511W
 WM 10
 LAWSON
 1511E

1:5 Previous Work

The Goldkeish vein was previously exploited as a source of smelter flux for the Anyox smelter. Work was carried out from 1928 to 1935, as far as can be ascertained from records.

Tonnage produced from the Goldkeish is estimated, from old records, to be approximately 50,000 tons. A small amount of precious metal by product was obtained from the quartz flux, though there is no accurate information on grade of the by-product.

Use of quartz flux ceased upon the closure of the Anyox smelter and mine, three miles away, in 1935.

The present claim group was acquired by the owners in 1979.

Limited physical work was carried out.

The property was mapped and sampled by Pacific Geo-Roc Explorations Ltd in July 1988, as part of a broad regional mapping program. The program was carried out under examination option from the claim holders.

The work was done on behalf of Prospectors Airways Co. Ltd.

2 REGIONAL INFORMATION

2:1 Regional Geology

Regional geology of the Anyox area has been described in a number of publications, the most recent, that of Alldrick (1985).

The focus of the work by Alldrick, was on the environment and structure of the Anyox copper deposits, mined from 1915 to 1935. Detailed mapping and analysis was carried out by MERI (1988) as part of a detailed re-evaluation of the structure and stratigraphy of the Anyox area, of which the quartz vein systems in the area were part of the examination.

The Goldkeish deposit is one of a number of quartz veins mined as a source of smelter flux during operations at Anyox. Production records indicate that many of the veins carry precious metal by product value.

Mapping in 1988 showed that quartz vein systems are hosted in Salmon River Formation turbidites. These form a cyclical, deep marine fan setting.

At least four sedimentary cycles were recognised in the 1988 mapping, consisting essentially of turbidites, with subordinate finer sandstones, siltstones and argillites.

Detailed analysis shows at least two generations of folds in the area, with an earlier asymmetric fold pattern, with shallow axial planes, that has been deformed by later, NE-SW folding.

2:2 Regional Mineral Deposits

The focus of part of the mapping program, of which the Goldkeish examination was part, was on the control and distribution of quartz veins systems that carry precious metal values.

The characteristics of the vein systems are that they are concordant to bedding, are themselves folded, and often, but not uniformly, carry hangingwall stringer veins.

They are characterised, at Goldkeish and the Reserve/Granby Point Mines, by a ribbon texture and marginal banding, relative uniformity in widths, and scattered sulphides in marginal zones of veins. Sulphides consist predominantly of pyrite, pyrrhotite and subordinate sphalerite and galena. Chalcopyrite is less common and erratic in distribution.

The economic interest in the veins is the precious metal values that are recorded in smelter records. No accurate records exist of precious metal values of any individual deposit, though some approximations have been made in previous reports. (Burton, 1988)

Detailed analysis has shown that veins are folded, are predominantly in fold hinges, and show a preferential development in argillite units in the sedimentary sequence.

3 PROPERTY INFORMATION

3:1 Surface Geology

Mapping was carried out using a flagged grid and air photographs as controls.

Exposures are largely restricted to coastal outcrops, with few outcrops away from the coastal strip. Topography is marked by incised former beach levels which cover the peninsula below the 150' level.

Small linears have occasional outcrop along walls. Linears often have a fill of glacial and marine clays.

The predominant unit present is a medium to coarse sandstone with

subordinate siltstone and minor argillite.

The monoclinial sequence has a strike of 025 - 035 , with dips to the east of 35 - 55 . Small andesite dykes were noted that strike easterly and dip vertically or 80 to the south. These appear to form part of a regional sequence that has been mapped elsewhere in the Anyox area.

3:2 Underground Geology

The Goldkeish workings are accessible from an adit, 10m above sea level, on the west side of the Bocking Peninsula.

Workings comprise a cross cut to the vein for 82m, and 170m of drift along the vein. Stopes to surface are present but not examined in detail. Elevation difference from the drift floor to surface is 140'. A winze stope was excavated at one place in the workings but was water filled and not examined.

The cross cut transects predominantly sandstone, with subordinate finer sandstone and minor argillite. The argillite, (fig 3) carries fine disseminated pyrrhotite.

Units strike 020 - 030 and dip at 50 - 60 to the east. Minor cross faults are present.

The Goldkeish vein, exposed over a strike length of 170m, is a quartz vein, 1.5- 1.7m wide, relatively uniform in width, with occasional marginal banding or ribbon texture. The marginal banding, where noted comprises thin slivers of argillite, and lenses and stringers, conformable to the vein dip, of pyrite, sphalerite and lesser and more erratic, galena. Sphalerite and galena are not uniform in distribution in marginal selvages.

The footwall of the vein is marked by a graphitic shear or deformed argillite zone, that appears to be present along the strike length of the vein (where accessible for examination.)

The vein appears to be entirely hosted in a siltstone/argillite sedimentary unit.

The vein shows some attenuation to the north, diminishing, 80m north of the cross cut, to 1.2-1.5m. To the south of the cross cut, the vein is not entirely accessible, and appears to be relatively uniform in width.

Assay samples of the vein material, show minor precious metal values.

Sample #338205 , from the south drift, assayed 6.68 g/t Au, and 16.6 g/t Ag over a 1.5m chip sample. The sample carried pyrite, sphalerite and galena in the marginal selvage.

Sample # 338202, a 0.8m chip sample of quartz vein, assayed 12.1 g/t Ag but low Au values. Sample # 338204, a 1.0 m chip, assayed 10.8 g/t Ag, but low Au values.

A tentative conclusion is that Au values are carried in the galena, not in the sphalerite.

The data shows that Au values are discontinuous in distribution and are not readily predictable. Trenching and adequate sampling of any surface veins exposed is required for effective evaluation.

4 SUMMARY AND CONCLUSIONS

The Goldkeish property, comprising four claims, is located on the Bocking Peninsula, in the Anyox area.

The claim group was staked in 1979 to cover a former source of quartz flux for the Anyox smelter. Production of flux is known to have taken place between 1928 and 1935. Precious metal by product from the the smelter flux from Goildkeish is recorded but no accurate grade has been determined from records.

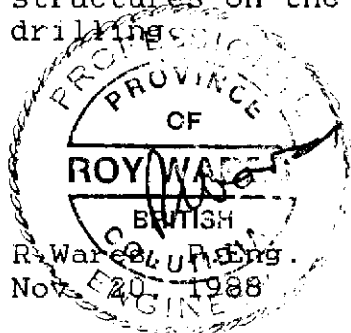
The claim block covers an easterly dipping sequence of sandstones, with minor siltstone and argillite. The Goldkeish vein, is not exposed on coastal outcrops but was discovered as float along the walls of a well marked linear.

The vein exposed underground for a strike lenght of 180m, is relatively uniform in width, varying from 1.2m to 1.8m, and was exploited by a sequence of stopes , exposed over a vertical extent of 50m.

The vein has a ribboned texture or marginal banding, with selavages of pyrite, lesser sphalerite and galena, predominalty developed near the vein margins. The vein is hosted in ansiltstone'argillite sequence, with a graphitic shear at the footwall. The vein dips to the east at 60 .

Assay samples of the vein show an erratic distribution of precious metal values, ranging up to 6.68 gms/t Au and 16.6 g/t Ag. Values are erratic in distribution.

The vein should be further explored along strike and parallel structures on the property explored by trenching and shallow drilling.



A:1 Statement of Costs

Goldkeish, Goldkeish # 2,3 (Goldkeish Group)

Line Flagging, July 13,14, 1988, 1.2 kms @ 250/km (contract flagging)	\$ 300.00
R.Wares, July 16, 1988, 1 day, \$ 300/d	\$ 300.00
J. Gauthier, July 16, 1988, 1 day, 200/d	\$ 200.00
J.Harrup, July 19, 1988, 1 day, 250/d	\$ 250.00
Field Assistant, July 19,1988, 1 day @ 150/d	\$ 150.00
Boat Costs, July 13, 14, 16, 19 1988, 4 days @ 45/d	\$ 180.00
Board Cost, July 13,14,16,19, 1988, 8 man days @ 45/d	\$ 360.00
Assay costs, 20 samples @ \$15.50/s	\$ 310.00

Total	@ 2050.00

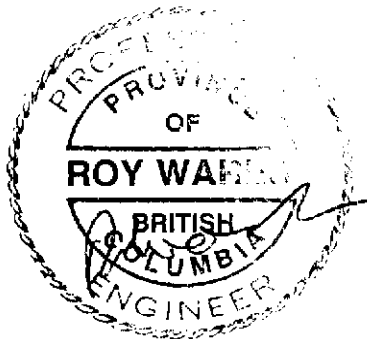
1 years work to be applied to Goldkeish, Goldkeish 2, 3 as per affidavits filed.

Goldkeish # 4

R.Wares, July 20, 1988, 1 day @ 300/d	\$ 300.00
J. Harrup, July 20, 1988, 1 day @ 250/d	\$ 250.00
Field Assistant, July 20, 1988, 1 day @ 150/d	\$ 150.00
Boat Costs, July 20, 1988, 1 day @ 45/day	\$ 45.00
Board Cost, 4 man days @ 45/day	\$ 180.00

	\$ 925.00

1 Year of work to be filed as per affidavit.



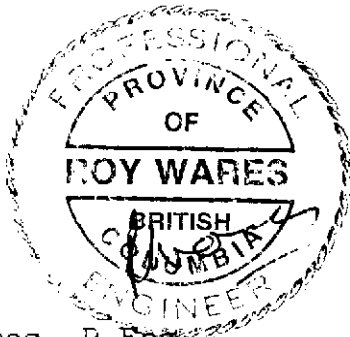
R.Wares. P.Eng.

Nov 20, 1988

A:2 Statement of Qualifications

I, Roy Wares, with a business address in the City of Vancouver, British Columbia, do hereby certify that _

- a) The work described above was carried out under my supervision on the Goldkeish claims, Anyox area, B.C.
- b) Work was done from the 13 July to the 20 July 1988
- c) Work was carried out as agent for Pacific Geo-Roc Explorations Ltd.
- d) I am registered professional engineer, in good standing, with the Association of Professional Engineers of B.C.
- e) I am familiar with the work of J. Harrup, who carried out part of the mapping, with A. Davies, field assistant. Mr Harrup has worked in the Anyox area on previous occasions, and has 10 years exploration experience in B.C. Jean Gauthier carried out part of the mapping as an extension of the regional program.



R.Wares, P.Eng.

Vancouver,
November 20, 1988



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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PHONE (604) 984-0221

To: FIFIC GEO-ROC EXPLORATION LTD.

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VANCOUVER, BC
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Project: GOLDKEISH/ELDEN21488

Comments: RC: ROY WARES

**Page No.

Tot. Pages:

Date: 23-JUL-88

Invoice #: I-8819127

P.O. #: 17823

CERTIFICATE OF ANALYSIS A8819127

SAMPLE DESCRIPTION	PREP CODE		Ag tot	Au tot	Ag -	Au -	Ag +	Au +	Wt. +	Wt. -		
			g/tonne	g/tonne	g/tonne	g/tonne	mg	mg	grams	grams		
338001	236	---	0.8	< 0.07	0.8	< 0.07	< 0.01	< 0.001	13.70	216		
338002	236	---	0.8	< 0.07	0.8	< 0.07	0.01	< 0.001	5.30	257		
338003	236	---	1.0	< 0.07	1.0	< 0.07	0.01	< 0.001	6.70	272		
338004	236	---	< 0.5	< 0.07	< 0.5	< 0.07	0.01	< 0.001	14.60	264		
338005	236	---	4.4	< 0.07	4.5	< 0.07	0.03	< 0.001	11.00	251		
338006	236	---	3.9	< 0.07	3.8	< 0.07	0.08	< 0.001	13.30	248		
338007	236	---	< 0.5	< 0.07	< 0.5	< 0.07	0.06	< 0.001	13.60	262		
338008	236	---	16.2	< 0.07	17.0	0.07	0.04	< 0.001	14.10	238		
338009	236	---	7.2	< 0.07	7.3	0.07	0.01	< 0.001	3.30	242		
338010	236	---	7.4	< 0.07	7.5	0.07	0.03	< 0.001	8.60	252		
338201	236	---	4.9	0.07	5.0	0.07	0.03	< 0.001	14.20	264		
338202	236	---	12.1	0.07	12.5	0.07	0.08	0.001	13.80	249		
338203	236	---	6.3	< 0.07	6.3	< 0.07	0.09	< 0.001	15.30	259		
338204	236	---	10.8	0.50	11.0	0.48	0.12	0.011	14.70	242		
338205	236	---	16.6	6.68	16.5	6.38	0.08	0.102	3.20	268		
338206	236	---	6.2	< 0.13	6.5	0.14	0.01	< 0.001	14.70	252		
338207	236	---	1.3	< 0.07	1.3	0.07	0.02	< 0.001	5.20	298		
338208	236	---	7.4	< 0.07	7.5	0.07	0.04	< 0.001	8.70	250		
338209	236	---	3.0	0.14	3.0	0.14	0.02	< 0.001	9.00	247		
338210	236	---	4.4	0.14	4.5	0.14	0.04	0.001	14.30	251		

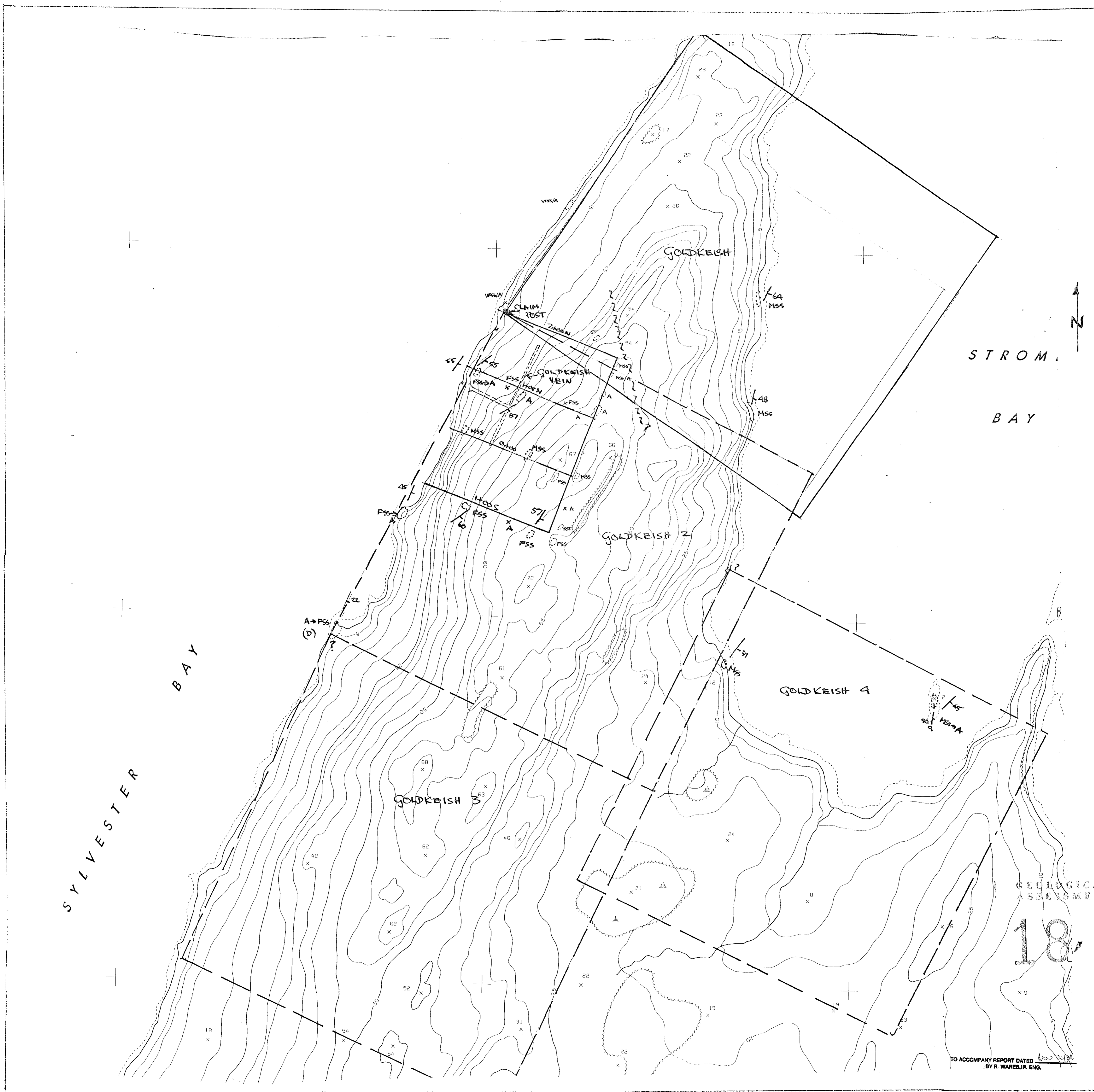
B. Swartz

A:4 References Cited

Aldrick. D. Anyox area. Report on Fieldwork,
(1983)

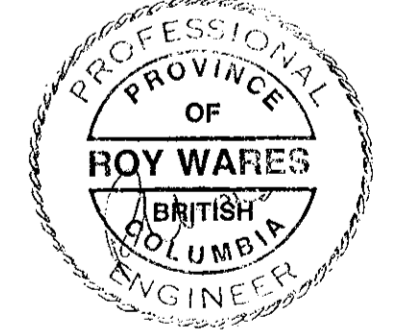
Burton. A. Report on Granby Peninsula Claims, for
(1988)_ Prospectors Airways Ltd.

MERI Summary Report, Granby Peninsula Project,
(1988) for Prospectors Airways Ltd.



LEGEND

- A Argillite
 - ST Siltstone
 - VFSS Very fine grained sandstone
 - FSS Fine grained sandstone
 - MSS Medium grained sandstone
 - CSS Coarse grained sandstone
 - VCSS Very coarse grained sandstone
 - CG Conglomerate
 - D Dyke
-
- Strike and dip of quartz vein
 - - - Contorted quartz vein horizon
 - - - - - Bedding plane; a; normal b; overturned
 - - - - - Schistosity
 - L10; Intersection lineation
 - - - - - Striations, trend and plunge / Fold axis; a; anticline b; syncline c; overturned anticline d; overturned syncline
 - - - - - Fault; b; known dip
-
- Area of outcrops
 - x Individual outcrop



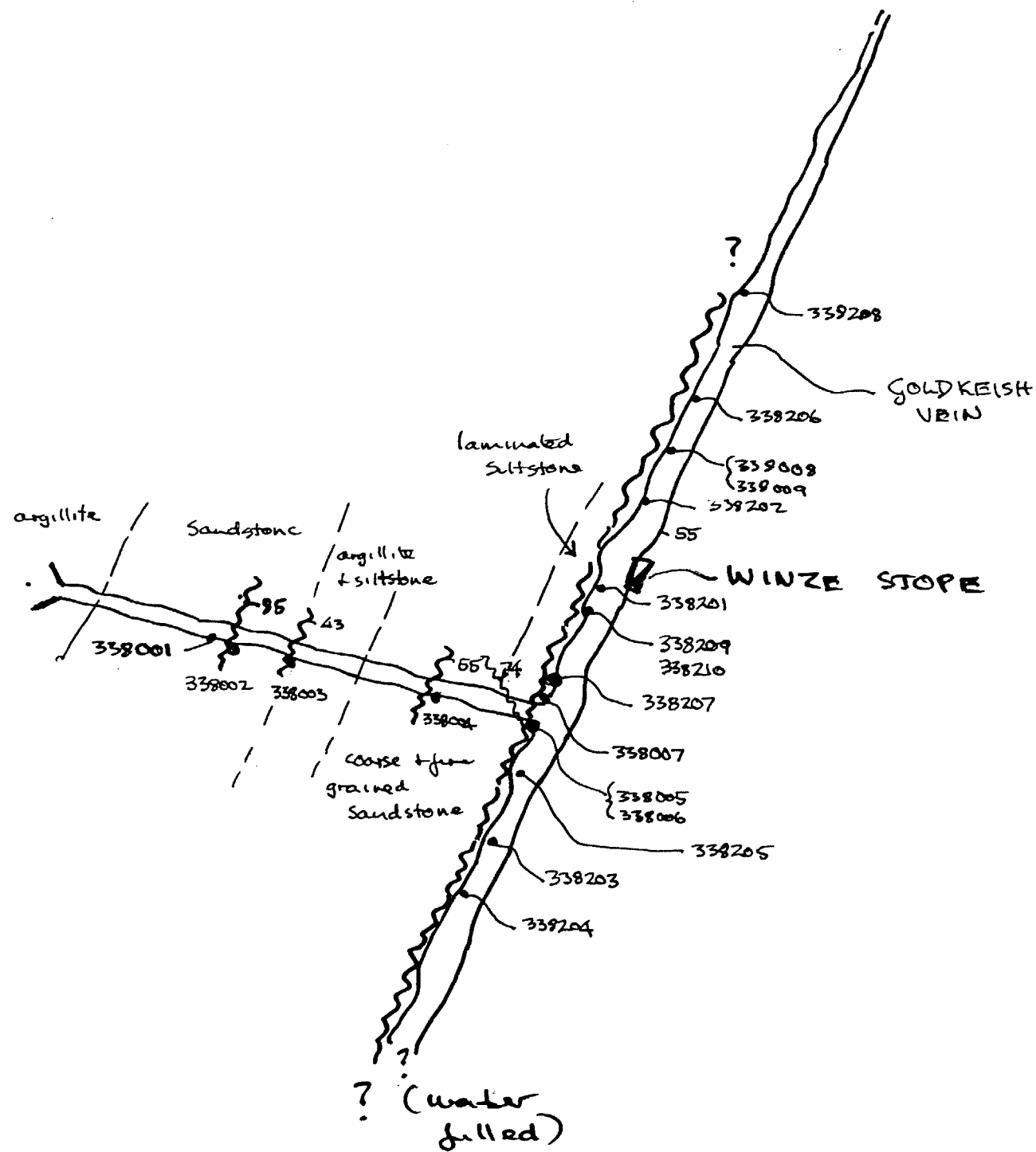
GEOLOGICAL BRANCH
ASSESSMENT REPORT



18/127

PACIFIC GEO-ROC EXPLORATIONS LTD.		
GRANBY PENINSULA PROJECT		
GOLDKEISH CLAIMS		
Date	Nov 98	Drawn:
Drawn	RW	NTS: 1:50,000
Revised		Fig.: 3
		Project: SP-10

TO ACCOMPANY REPORT DATED 11/18/98 BY R. WALES, P. ENG.



ASSAY DATA				
#	width	Ag, g/t	Au, g/t	s
338001	grab	0.8	0.07	g
338002	grab	0.8	0.07	g
338003	grab	1.0	0.07	g
338004	grab	0.5	0.07	g
338005	grab	4.4	0.07	g
338006	grab	3.9	0.07	g
338007	grab	0.5	0.07	g
338008	grab	16.2	0.07	g
338009	grab	7.2	0.07	g
338010	grab	7.4	0.07	g
338201	grab	4.9	0.07	w
338202	0.8m	12.1	0.07	w
338203	grab	6.3	0.07	w
338204	1.0m	10.8	0.50	w
338205	1.5m	16.6	6.68	w
338206	1.25m	6.2	0.13	w
338207	grab	1.3	0.07	w
338208	0.4m	7.4	0.07	w
338209	1.5m	3.0	0.14	w
338210	grab	4.4	0.14	w

Notes: samplers, g= Gauthier
w= Wares

Map Ref. No. 4
N.T.S. 103 P/5W

Sample locations
↑
Geological Map

GOLDKEISH VEIN

GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,127

PACIFIC GEO ROC
EXPLORATIONS LTD.

Property: GOLDKEISH

Location: Anyox, BC

Type of Map: Geological

Based on: Mapping

Date of Work: July 1988

Date: Nov. 1988



TO ACCOMPANY REPORT DATED Nov 20/88
BY R. WARES, P. ENG.

0 10m 20m 30m 50m 70m

Scale

Drawn by: RW