

83# 243 - # 11267  
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REPORT

on

BULLDOZER TRENCHING & SAMPLING

GOLDFINCH GROUP MINERAL CLAIMS

(Camborne Group)

50° 49' N, 117° 39' W, NTS 82K/13E

for

SYNCO DEVELOPMENT CORPORATION

(formerly EATON MINING & EXPLORATION LTD.)

in the

REVELSTOKE MINING DIVISION

BRITISH COLUMBIA

CANADA

by

W. S. Read, B.Sc., P.Eng.

Cobble Hill, B.C.

Canada

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**11,267**

11 July 1983

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INTRODUCTION:

The writer was requested by Synco Development Corp., to conduct work on the Goldfinch Group of mineral claims to apply as one year's assessment on the Vik claim ( 20 units ).

Loggers had reported finding a quartz vein containing galena in an unexplored part of the property. It was decided to use the small budget to expose, extend if possible, and sample the showing.

The logger who found the showing was hired with Caterpillar D6C bulldozer to do the trenching under the direction of the writer.

The work was carried out between 20-25 May 1983.

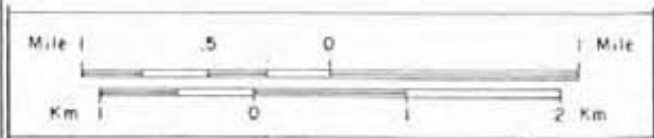
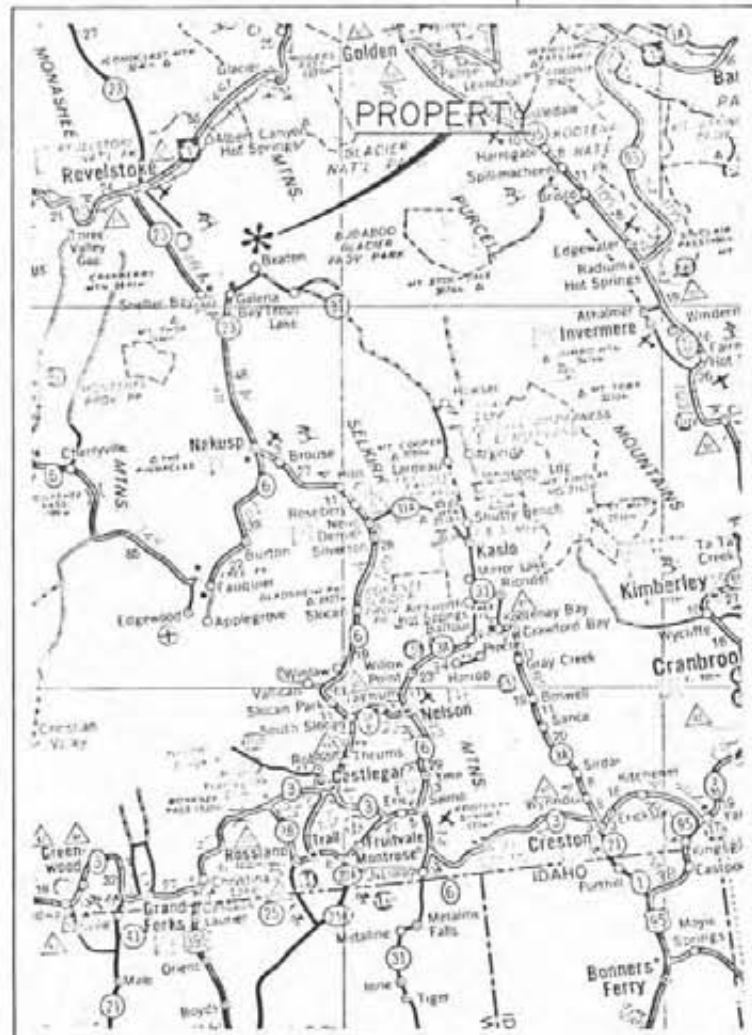
Quartz veins were exposed and extended but channel chip samples taken across the veins and Fire-Assayed by Chemex Labs., North Vancouver, B.C., returned only low values in both gold and silver.

LOCATION:

The Goldfinch Group of mineral claims, composed of 40 units and 9 Crown-Granted mineral claims, is located in the Revelstoke Mining Division, British Columbia, Canada. This includes the Vik 664 (6) of 20 units, for which this report fulfills the balance of assessment requirements.

The property is about 2 km. north of Camborne, B.C., and about 40 km. (25 miles) southeast of Revelstoke, at latitude  $50^{\circ}49'N$ , and longitude  $117^{\circ}39'W$ , on map sheet 82K/13E of the National Topographic System. Elevations on the property range from 518-1250 metres (1700-4100 ft) above sea level.

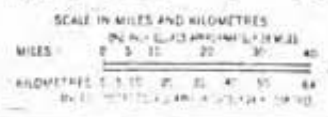
The property is located about 260 km (161 miles) by road north of the Trail smelter.



## CLAIM & LOCATION MAP

GOLDFINCH PROPERTY,  
CAMBORNE B.C.  
NTS 82 K/13E

Date JULY, 1983	NO. 1
WAYLAND S. READ, P.Eng., Consulting Geologist	



The trenching is southwest of Menhinick Creek at an elevation of about 2350 feet, and is reached by logging skid trails branching off Menhinick Road at a landing off the road above and northwest of the campsite.

ACCESS:

The camp is situated on the south side of Menhinick Creek near its junction with the Incomappleux (Fish) River, and the junction of Menhinick Road and Camborne Road. It is reached from the Galena Bay ferry via B.C. Highway 31, and is 18 km to the Beaton-Camborne junction, then a further 17 km from the junction to the camp, 0.5 km beyond the Fish River bridge.

The main workings are on the Goldfinch Crown Grant, some 7.5 km beyond by switchback logging road and company access road.

Access to the trenching is from Menhinick Road above the campsite then climbing the skid trails to the elevation of the trenches.

CLAIMS HELD BY COMPANY:

The company advises that it holds the following located and Crown granted mineral claims in the Revelstoke Mining Division, British Columbia, Canada, on Mineral Claim map 82K/13E.

<u>Claim Name</u>	<u>Crown Grant Lot No.</u>	<u>Acres</u>	<u>Record No.</u>	<u>Units</u>	<u>Expiry Date</u>
Walrus	L5653	48.13			
Goldfinch	L5654	40.45			
Sea Lion	L5655	39.60			
Red Fox	L5656	46.44			
Ridge	L5657	31.51			
Evening Star	L5658	24.53			
Centre Star	L5659	26.04			
Morning Star	L5660	42.75			
Bonanza	L5661	17.48			
Doe			663(6)	20	11 June 1984
Vik			664(6)	20	11 June 1984

It is believed that the company retains counsel to insure title to the claims.

Each unit of the Doe and Vik mineral claims is a 500 metre by 500 metre square containing 25 hectares (61.78 acres). These claims in part overlap Crown grant claims, and unsurveyed staked claims near the north boundary.

#### TRENCHING:

Five trenches and a connecting road between Trenches 4 and 5 were bulldozed with a Caterpillar D6C bulldozer. In addition, the skid trail was opened a distance of about 480 metres from the north end of Trench 4 to a logging bridge crossing Menhinick Creek, at elevation of about 2360 feet.

Trench 1 started at the new discovery of vein quartz. Trenches 2 and 3 were to test northern extensions and Trenches 4 and 5 southern extensions of the veins.

The trench layout had to accommodate the steep slopes and is therefore more oblique to the structure than I would have wished.

The following is an estimate of material moved from the trenches:

Trench 1	Average	21 X 4 X 1	=	84m <sup>3</sup>
Trench 2	"	65 X 5 X 2	=	650m <sup>3</sup>
Trench 3	"	35 X 4 X 1½	=	210m <sup>3</sup>
Trench 4	"	80 X 4 X 1½	=	400m <sup>3</sup>
Trench 5	"	38 X 4 X 1	=	152m <sup>3</sup>
Road Cut	"	103 X 4 X ½	=	206m <sup>3</sup>
Reopening Trail		480 metres.		

GEOLOGY:

The geology of the area is covered by recent mapping by the Geological Survey of Canada, at a scale of 1:125,000, Open File 432, revised in 1976. The rocks on the claims are shown as being of the unfossiliferous Lardeau Group, comprised of metamorphosed sediments of the Broadview Formation, composed of grey and light green phyllite, gritty phyllite, and grit in which the quartz veins that are host to the gold mineralization are found, and the Howitt Formation of metavolcanic rocks composed of green phyllite, limey green phyllite and greenstone.

The stratified rocks have been completely folded, faulted, metamorphosed, and have the northwesterly trend of the north end of the Kootenay Arc.

The Finkle Creek Synform is a major fold which passes through the property and is correlated to the Illecillawait Syncline to the north and continues south along a mineral belt.

The Broadview Formation trends in a general northwest direction for over 100 miles, and is host rock to many prospects and former producing mines.

The trenching is on this trend about 1.1 km south-southeast from the underground workings on the property where four shipments to the Trail smelter in 1980 totaled 309.7 short dry tons, and averaged gold 0.316 oz/ton, silver 0.41 oz/ton, and silica 67.9%.

The rock in the trench area was composed of hard, dense greenstone, soft mottled grey-green phyllite and light green to buff phyllite. Foliation ranged from north 35 west to north 65 west, and dipped from 65° - 70° southwest. One observation on Trench 4 showed a

45° northeast dip.

The quartz veins had a trend of N05 - 20° W and dipped steeply from 70° - 85° both to the east and west.

A fault exposed by Trench 3, composed of steel grey clay gouge 1.0 metre in width, had a strike of N20W and dipped 60° west.

No sulphides were observed in the veins. There was minor bright green micaceous mineralization which in this case was not an indication of gold mineralization.

#### SAMPLING:

Eleven channel chip samples were taken across the quartz veins and the rocks between the veins. The veins ranged in width between 0.16 and 0.80 metre with smaller veinlets found in shear zones. Where practical, the vein zones were sampled separately.

The samples were delivered to Chemex Labs., in North Vancouver, B.C., and Fire-Assayed for silver and gold. The results were invariably low. A table of the samples and results follows.:

Sample Number	Location Trench	Sample Length(m)	Assay		Description
			Ag.oz/T	Au.oz/T	
15951	2	0.20	< 0.01	< 0.003	White Qtz.vein fractured & tained
15952	2	3.50	< 0.01	< 0.003	Fractured Grey-green Phyllite & Qtz. veinlets
15953	2	2.70	0.08	< 0.003	Sheared Phyllite
15954	2	0.80	0.02	< 0.003	White Qtz.Vein Fractured & Stained
15955	2	2.90	0.04	0.003	Sheared Phyllite Cont. 0.20m Qtz.vein
15956	3	1.30	0.09	< 0.003	Fault Zone-Blue-Grey Clay Crushed Quartz
15957	1	0.60	0.03	< 0.003	White Quartz Vein
15958	1	0.60	0.10	< 0.003	Dense Buff-Grey-Green Phyllite
15959	1	0.90	0.05	< 0.003	2 Qtz.veins 0.30,0.16 & Greenstone between



SAMPLING (Cont'd):

<u>Sample Number</u>	<u>Location Trench</u>	<u>Sample Length(m)</u>	<u>Assay</u>		<u>Description</u>
			<u>Ag.oz/T</u>	<u>Au.oz/T</u>	
15960	1	1.10	0.06	< 0.003	Phyllite and 0.15m qtz.vein
15961	4	1.20	0.05	< 0.003	Quartz vein

CONCLUSIONS:

The Goldfinch Group of mineral claims is crossed by a mineral belt that has produced several mines and many mineral discoveries over its considerable length.

As recently as 1980 mineralized quartz shipped from the property to the Trail smelter, weighing 309.7 short dry tons, averaged gold 0.31 oz/ton, silver 0.41 oz/ton, and silica 67.9%.

The quartz veins tested in this assessment program were discovered by logging in a formerly inaccessible part of the property that has a high percentage of overburden cover.

No samples were found containing high galena as previously reported, and all channel chip samples across the trenched vein zones returned low values in silver and gold.

The newly-logged area is now much more accessible and a reconnaissance geochemical survey would be a useful tool in assessing and defining future targets, in combination with prospecting and geological mapping..

B I B L I O G R A P H Y

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8. Read, P.B., Wheeler, J.O. 1976 - Geology Map - Lardeau West-Half, Geological Survey of Canada Open File 432
9. Eaton Mining & Exploration File Data.
10. Read, W.S., 1981 - Report: 1980 Exploration Program, Goldfinch Group Mineral Claims.

CERTIFICATE OF QUALIFICATIONS

1, Wayland Stuart Read, do hereby certify that:

1. I am a practising Mining Geologist and my address is Cherry Point Road, Cobble Hill, B.C.
2. I am a graduate in Geology from Acadia University, Wolfville, Nova Scotia, and have been granted the degree of Bachelor of Science in Geology, and have engaged in practising my profession for the past twenty-four years.
3. I am a Member of the Association of Professional Engineers of British Columbia and the Yukon Territory, a Fellow of the Geological Association of Canada, and a Member of the Canadian Institute of Mining and Metallurgy.
4. This report is based on my personal work on the property, on the work of crews under my direction during the 1980 program and during the 1983 trenching program.

Respectfully submitted,



Wayland S. Read, B.Sc., P.Eng.

Cherry Point Road,  
Cobble Hill, B.C.

11 July 1983

STATEMENT OF COSTS & PERSONNEL

Bulldozer - Caterpillar D6C Owner-Operator: Ernest Simmons, Trout Lake, B.C. May 21,22,1983 16 hours @ \$75.00	\$1,200.00
W.S.Read, P.Eng.,Cobble Hill, B.C. May 20-25 7.9 days equivalent @ \$350	2,765.00
- meals and accommodation	344.24
- vehicle rental & travel	621.60
Assaying - Chemex Labs.,North Vancouver, B.C. - 11 samples	<u>168.00</u>
	\$5,098.84



# CHEMEX LABS LTD.

APPENDIX B

212 BROOKSBANK AVE.  
NORTH VANCOUVER B.C.  
CANADA V7J 2C1

• ANALYTICAL CHEMISTS

• GEOCHEMISTS

• REGISTERED ASSAYERS

TELEPHONE: (604) 984-0221

TELEX: 043-52597

## CERTIFICATE OF ASSAY

TO : READ, W. S., P. ENG.,

851 CHERRY POINT ROAD  
COBBLE HILL, B.C.  
VOR 1L0

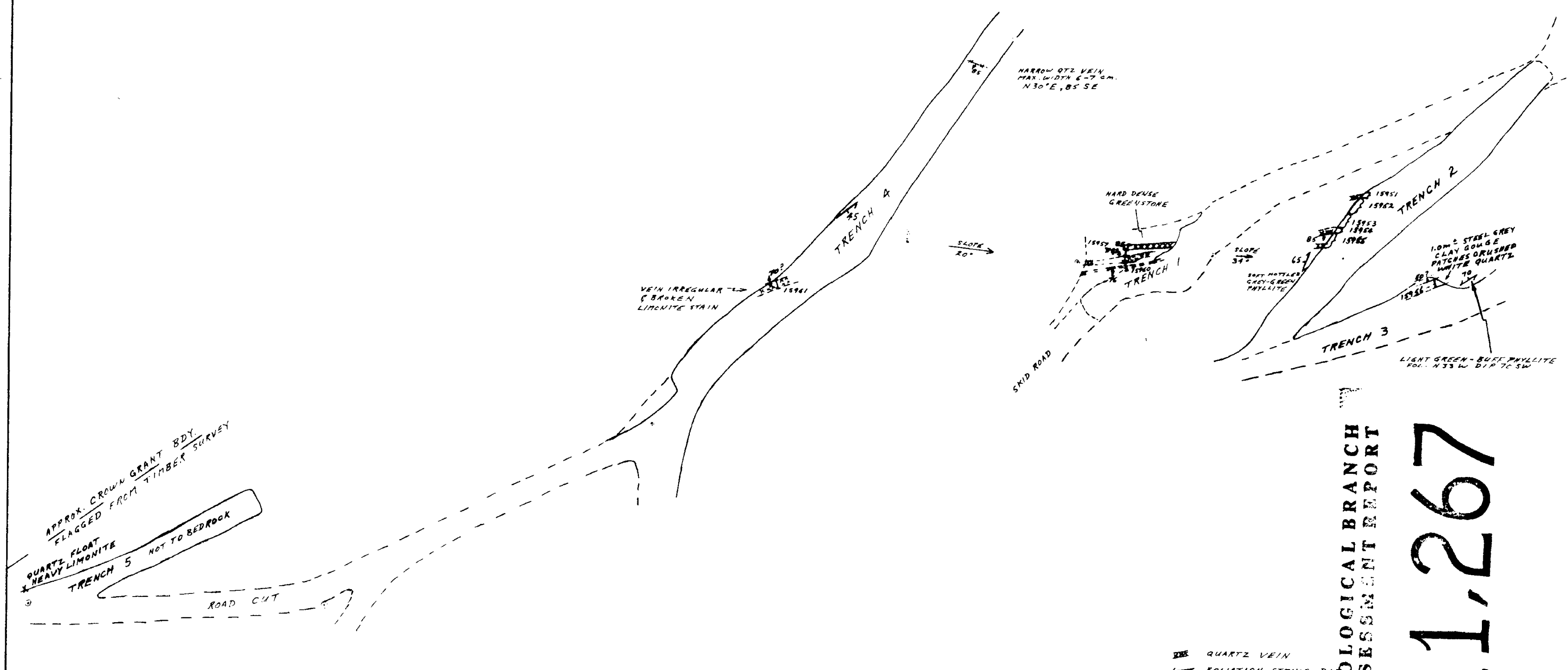
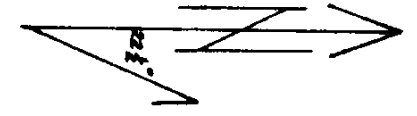
CERT. # : A6311432-001-A  
INVOICE # : 18311432  
DATE : 3-JUN-83  
P.C. # : NONE  
SYNCO

Sample description	Prep code	Cu %	Mo %	Ag FA oz/T	Au FA oz/T		
15951	207	<0.01	<0.001	<0.01	<0.003	--	--
15952	207	--	--	<0.01	<0.003	TRENCH 2	--
15953	207	--	--	0.08	<0.003	--	--
15954	207	--	--	0.02	<0.003	--	--
15955	207	--	--	0.04	0.003	--	--
15956	207	--	--	0.09	<0.003	TRENCH 3	--
15957	207	--	--	0.03	<0.003	--	--
15958	207	--	--	0.10	<0.003	TRENCH 1	--
15959	207	--	--	0.05	<0.003	--	--
15960	207	--	--	0.06	<0.003	--	--
15961	207	--	--	0.05	<0.003	TRENCH 4	--



MEMBER  
CANADIAN TESTING  
ASSOCIATION

.....  
*Mr. Amadori*  
.....  
Registered Assayer, Province of British Columbia



GEOLOGICAL BRANCH  
ASSESSMENT REPORT

11,267

☒ QUARTZ VEIN  
— FOLIATION, STRIKE, DIP

TO ACCOMPANY REPORT  
BY - W.S. READ P.E. NG.  
DATE: 01 JULY, 1983  
*W.S. Read*

SYNCO DEVELOPMENT CORP.  
GOLDFINCH GROUP  
NTS 82K / 13 E  
SKETCH MAP TRENCHES  
SCALE 1:500  
0 10 20 30 METRES  
JULY 1983