

118-#1116-10-70-11

DIAMOND DRILLING REPORT

BALTIC-NO.2 CLAIM

GOLDEN MINING DIVISION

JAN, 1979

G. A. LARRABEE
PROSPECTOR
BOX 471, INVERMERE, B. C.

MINERAL SERVICES COMPANY
ACCESSORY REPORT

7061

NO. _____

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GENERAL STATEMENT

This report describes the results and expenditures related to Diamond Drilling on the Baltic-No. 2 Claim.

Diamond Drilling was performed from July to September 15, and additional work was carried out until snow or November, 1978.

Total expenditures relating to the drill program amounted to \$9,760.00.

It is requested that \$5,200.00 be applied as follows:

BALTIC 1/2	17417/418	August 28, 1974	2 years
3/6	17431/434	September 5, 1974	2 years
7/13	17463/469	September 26, 1974	2 years

It is requested that \$4,560.00 be applied to the Baltic pac. accounts.

INTRODUCTION

One Diamond Drill hole was collared on the Baltic-No. 2 Claim in July and abandoned in Limestone the 15 of September, 1978.

The objective of this drill program was to test for pb. ZN in the Carbonate Rocks, of the middle Brisco Beaverfoot, Fossiliferous Unit along the ordovician unconformity.

The drill program was completed by Gordon A. Larrabee one of the owners of the Baltic property.

LOCATION AND ACCESS

The claim group is located in the Golden Mining Division and specifically is approximately 27.353 km. west of Raduim Hot Springs. The drill hole is located on the North side of the Valley at, an, Elevation of 1,493.52 meters. It is advisable to use a 4x4 to surmount the slopes.

TOPOGRAPHY

The area is quite rugged. High mountain ridges rise out of the drainage valley that carries the narrow swift flowing Forster Creek. The ridges are heavily covered with glacial drift and Coniferous growth. Fir, spruce, and alder. The ridges are quite steep and necessitate considerable switchbacks construction on any roads built upon them, some of the slopes have been recently logged.

GEOLOGY

Rocks in the claim group consist of sediments and their metamorphic equivalents. Quartzites, Limestone and conglomerates are common with little evidence of intrusives in the area. The Jubilee and Beaverfoot Limestones seem to carry most of the mineralization in the form of carbonate breccias as well as ba. viens carrying pb. ZN.

The mineralized sedimentary rocks show a finely bedded appearance and have been subjected to considerable deformation. The exposures appear to be Breccia Zones, within the interbedded layers of sediments.

Their trend is not easy to follow. The most logical approach is through the use of a diamond drill. To establish whether or not an economic ore body does exist on the Baltic property.

EXHIBIT "A"

STATEMENT OF EXPENDITURES

DIAMOND DRILLERS

DRILL HOLE B-78-1

Gordon Larrabee

Arthur Louie

(owners of Baltic Claim Group, doing own work for approx. 2 months)

	COST
Labour	\$3,900.00
2, 8x12 trailers	400.00
2, 4x4 willy jeeps	700.00
1, 3 ton jeep for drill	500.00
1, BBS1 Diamond Core Drill including cost of bits core barrels drilling accessories plus	4,000.00
2, water pumps, hoses fuel tools accessories lubricants	1,000.00
camp cost for 2 months food, utensils	<u>500.00</u>
TOTAL COST	\$10,100.00

Direct cost allowed for assessment work:

433 ft. or 143.7 m.

at \$20.00 per ft. - \$9,760.00

In the matter of the B.C. Mineral Act and in the matter of a Diamond Drill program carried out on the Baltic No. 2 Mineral Claim, Forster Creek area in the Golden Mining Division N.T.S. 32/K.9.

AFFIDAVIT AND SUMMARY OF QUALIFICATIONS

I, Gordon Larrabee of Box 471 Invermere B.C. prospector in the province of British Columbia make an oath and say:

"That with the help of a partner Arthur Louie we did did drill for ore on the Baltic No. 2 Mineral Claim and that all costs pertaining to this program was of my responsibility. During the summer of 1978 our camp was visited by Mr. George Addie, District Geologist; also George Webber a Cominco Geologist at the drill site. I have had considerable experience prospecting over the last twenty years and have sucessfully completed (mineral exploration course~~of~~ of prospectors sponsored by prospectors assistance at Castlegar, Selkirk College, 1978).

G.L. Webber has personally conducted many types of mineral exploration work for Cominco over the last twenty-five years. He logged the core for me as a friend, I consider him qualified to do so."

Gordon A. Larrabee
Local born prospector
Box 471, Invermere, B.C.
VOA-IKO

G.A. Larrabee

Drill Hole Record



Property	B A L T I C	District	Golden M.D.	Hole No.	B-78-1
Commenced		Location	Forster Creek	Tests at	Hor. Comp. 345'/105m
Completed		Core Size	AQ	Corr. Dip	-45°
Co-ordinates				True Brg.	090°
Objective	Test for Pb/Zn on the Ordovician unconformity			% Recov.	70%
					Date Nov. 1978

Claim

Brg.

Collar Dip

Elev.

Length

Footage From	To	Description	Sample No.	Length	Analysis
0.0	64.0'	DOLOMITE: Scattered quartz grains (1mm) thin, 1-5mm white dolomite			
in	19.5 m	filled fractures and veinlets. Tr. pyrite as isolated specks in fractures.			
		45 cm shear zone at 7.31 m. Increase in quartz grains to 18.59m.			
		Silicified dolomite and quartz veinlets from 10.36m to 18.59 m. Cream brown			
		argillaceous dolomite from 18.59 m to 19.50 m. Jubilee - Horsethief Fm			
		transition. Contact of the Horsethief Fm at 19.50m C/L 15%.			
64	106	CONGLOMERATE: Quartz pebble grit conglomerate, C/L 5%			
19.5m	32.3m				
106	135	DOLOMITE: Sand (quartz grains 1mm disseminated also irregular lenses quartz			
32.3m	41.1m	sand up to 1 cm. Scattered white dolomite veinlets throughout.			
		Core is stylonitic in part, with .5% pyrite, generally along			
		fractures and in stylonites. C/L 20%.			
135	137	DOLOMITIC QUARTZITE: Quartzite and quartzitic dolomite; light grey to light cream			
41.1m	53.9m	grey. Some fractures filled with medium dark grey argillaceous			
		material in lightly turbated sediments. Quartz sand to dolomite ratio 50/50.			
		C/L 15%			
177	199	DOLOMITE: Massive, cryptocrystalline, fractures contain medium dark grey			
53.9m	60.6m	argillaceous material. No sulphides, lightly silicified in part. (cherty).			
		Only scattered quartz grains throughout (5%) C/L 30%.			

Drill Hole Record



Property	B A L T I C	District	Golden M.D.	Hole No.	B-78-1
Commenced		Location		Tests at	
Completed		Core Size		Corr. Dip	
Co-ordinates		True Brg.		Logged by	
Objective		% Recov.		Date	
Footage	Description	Sample No.	Length	Analysis	
From To					
199 206					
60.6m-62.8	DOLOMITIC QUARTZITE: 1mm sand grains. (Ordovician contact).				
206 226	DOLOMITE: Ordovician unconformity - dark grey, probably fossiliferous, lightly turbated, especially at unconformity. 5-10% white				
62.8m 68.8m	dolomite filled fractures and veinlets. Some smithsonite 206 to 226 ft. (62.8 to 68.8m). 0.5%; cherty in part, 5% quartz grains up to 1.5mm in size; lightly styolitic. C/L 30%.				
226 249	DOLOMITE: Ordovician, dark grey to medium grey black; slightly cherty;				
68.8m 76.0m	5% small white dolomite filled fractures and veinlets; styolitic, only traces of smithsonite. Less than 1% pyrite and 1% Fe oxide.				
249 255	DOLOMITE: Cherty dolomite with 10% quartz grains (1mm).				
76.0m 77.7m					
255 280	QUARTZITE: Dolomitic 1.5mm quartz sand grains. Trace smithsonite.				
77.7m 85.3m					
230 314	DOLOMITE: Sandy quartz grains, massive cryptocrystalline; light grey. Suggests that the DD hole has gone back into the Jubilee and Horsethief Pa. contact.				
85.3m 95.7m					

Drill Hole Record



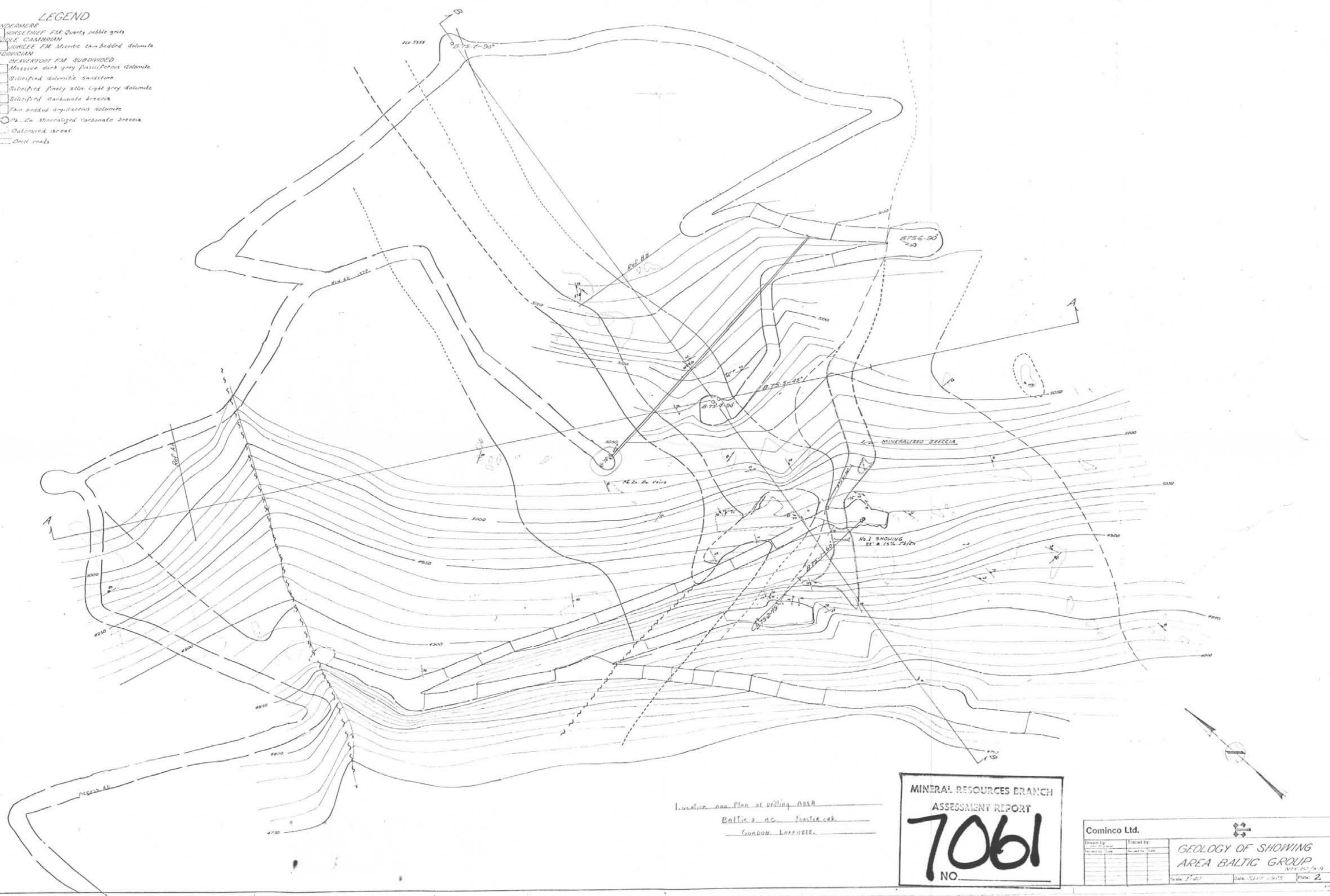
Property	B A L T I C	District	Golden M.D.	Hole No.	B-78-1
Commenced	Location	Tests at	Hor. Comp.		
Completed	Core Size	Corr. Dip	Vert. Comp.		
Co-ordinates		True Brg.	Logged by		
Objective		% Recov.	Date		

Claim
T Brg.
Collar Dip
Elev.
Length
Hole No.

Footage From	To	Description	Sample No.	Length	Analysis
280	314	continued --			
85.3m	95.7m	311.5 (94.9m) 1 ft. (30.5cm) of galena and smithsonite; Est. 2% Zn and 2% galena. Some 1 cm dolomite clasts from 303 ft. to 310 ft. (92.5m to 94.5m).			
314	360				
95.7m	109.7m	DOLomite: Probably back in Ordovician - badly broken and oxidized core; traces of smithsonite throughout (<1%) core becomes dark grey and stypolitic 5% dolomite in narrow veinlets C/L 15%.			
360	460				
109.7m	140.2m	DOLomite: Medium dark grey, numerous 3mm white dolomite veinlets (probably filled fractures). Lightly brecciated around 408 ft. (124.4m). No sulphides recognized. 380 to 382 ft. (115.8m 116.4m) 3% malachite on fractures. Lightly brecciated from 408 to 416 ft. (124.4 m to 126.8m). Turbated throughout only trace amounts of iron oxide, on fractures; trace of malachite at 457' (139.3m) C.L 15%.			
460	488				
140.2m	148.7m	DOLomite: and limestone interbeds. L/S is medium light grey and dolomite is dark grey. Lamination (beds) are at 15 deg. to core. Bedding is irregular and some slumping occurs. Sediments become more bedded and cryptocrystalline, with interbeds of light grey L/S; no sulphides. Near end of hole beds probably average 5 deg. to core. END AT 488' (148.7m).			

LEGEND

- WINDFALLS
- HOVSE TUFF FM. Quartz pebble grits
- ARVILLE CHAMBRON
- ARVILLE FM. Micritic thin bedded dolomite
- ONDONVICIAN
- SEASIDE FM. SUBDIVIDED
- Massive dark grey fusuliferous dolomite
- Siltified dolomite sandstone
- Siltified finely silty light grey dolomite
- Siltified darkish breccia
- Fine bedded argillaceous dolomite
- Mineralized carbonate breccia
- Outlined areas
- Drill holes



Location and Plan of drilling AREA
 Baltic & Co. Foster, Ont.
 GORDON LORF 1952.

MINERAL RESOURCES BRANCH
 ASSESSMENT REPORT
7061
 NO.

Cominco Ltd.			
Drawn by	Traced by	GEOLOGY OF SHOWING AREA BALTIC GROUP	
Checked by	Reviewed by		
Date	Date	Scale 1"=100'	Date SEPT 1952
			Plate 2

Ass. Rpt. 496
 one copy, 50% reduction.