Shag Claims
Golden Mining Division
N.T.S. 82J/11 12 1

B.H. Whiting November 1979 180-#139-#8091

Work Performed on the Shag Claims

CLAIMS	RECORD NO.	RECORDED
Shaq 1-8	158 - 165	Aug. 29, 1977

Latitude: $50^{\circ}38'N$ Longitude: $115^{\circ}30'W$

Operator: Rio Tinto Canadian Exploration Limited



LIST OF ILLUSTRATIONS

Drawing (DWG.) No.	Description	Location in Report
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C-8687	Location of Claims and Drill Holes	in pocket
G-8688	Geology (amended from 1978)	и и
G-6577	Stratigraphic Section	after page 4
G-7529	Pad Showing	in pocket
D-6571	Section of Drill Hole 79-1	after page 10
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D-6574	Section of Drill Hole 79-4	u , u u
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GC-8631	Soil Sample Results: Lead Isopleths	in pocket
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Shag Claims
Golden Mining Division
N.T.S. 82J/11 & 12

B.H. Whiting

November 1979

Summary

The 1979 fall field programme on the Shag Claims consisted of drilling six diamond drill holes and carrying out a minor amount of geological mapping and prospecting. The drilling was designed to test lead and zinc mineralization along two stratigraphic contacts known as the BM and C-4 horizons. Only two holes, one in each horizon, showed mineralization. The prospecting disclosed a small lead-zinc showing along the C-4 horizon and a float occurrence of galena attributed to the C-4 horizon.

A small programme of geological mapping, prospecting, and hand trenching is recommended for 1980.

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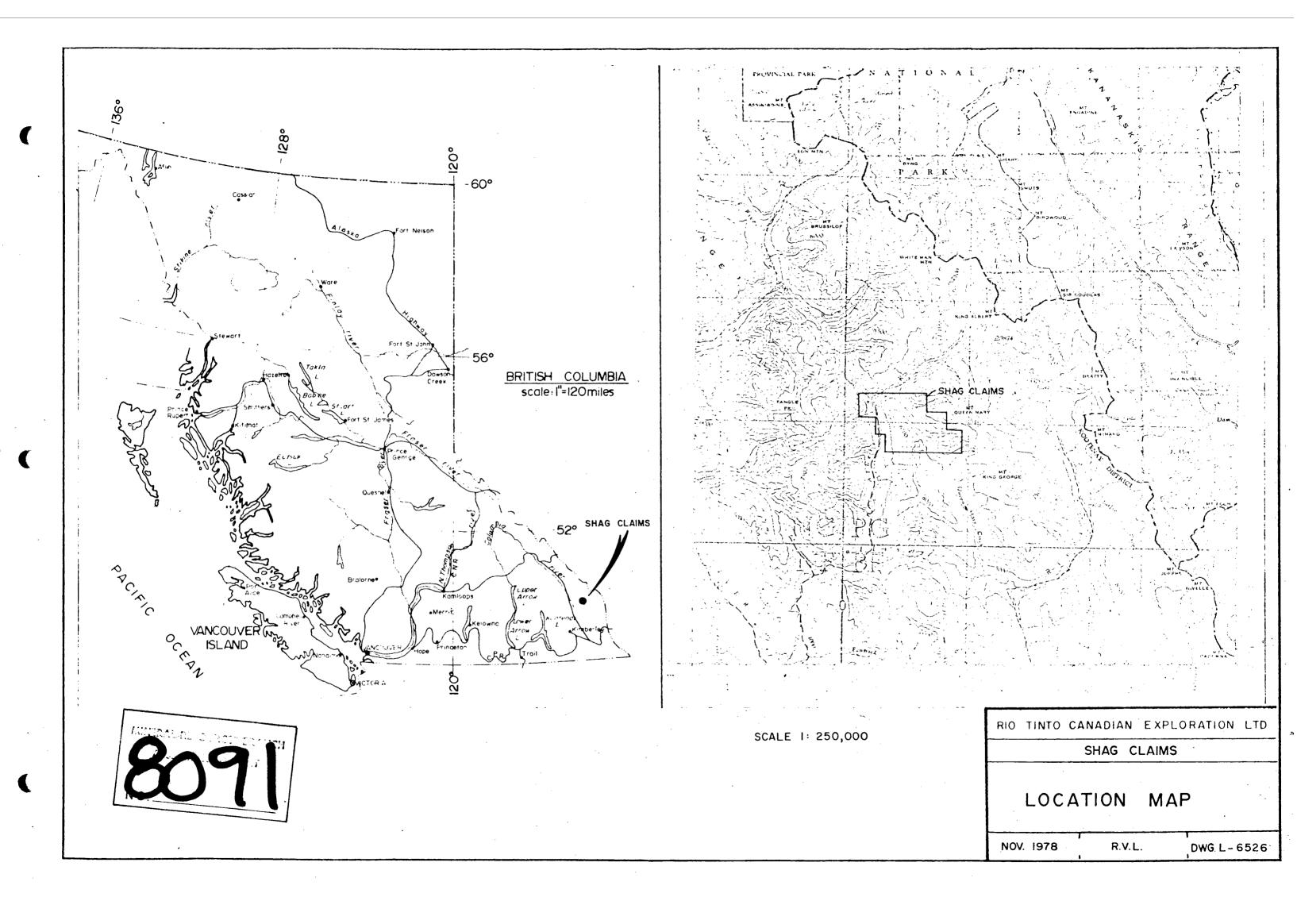
1. INTRODUCTION

In 1978, Rio Tinto Canadian Exploration Limited operated a geological programme on the Shag claim group in the Southern Rocky Mountains of British Columbia. This programme consisted of geological mapping, prospecting and soil sampling at 1:10,000 scale. One result of this work was the discovery that the lead-zinc mineralization lay along two favourable stratigraphic contacts, the C-4 and BM horizons. Part of the BM horizon was tested in the fall of 1978 with three short holes.

A recommendation to drill followed prospecting and examination in the summer of 1979. The 1979 fall programme, outlined in this report, consisted of six diamond drill holes, four in the C-4 horizon and two in the BM horizon. Minor geological mapping and prospecting accompanied the drilling.

2. LOCATION AND ACCESS (Dwg. L-6526)

The claims are located near 50°38'N, 115°30'W, in the Albert River drainage about 35 km east of Radium. The north end of the claims can be reached by logging roads, about 55 km from Canal Flats or 60 km from Radium. Higher elevations and the southern parts of the claim group are best approached by helicopter, available through Okanagan Helicopters in Cranbrook and Golden, or Bow Helicopters in Fairmont.



3. PREVIOUS WORK

In 1977, a programme was conducted by C. Graf for Riocanex (report no. 526). Graf's programme provided a stratigraphic framework of Cambrian Formation boundaries in the vicinity of the Albert River at a scale of 1:50,000. The discovery of two lead-zinc showings led to the staking of the Shag Claims.

In 1978, D. Bending (Riocanex report no. 547) refined the Cambrian Formation boundaries and geologically mapped, prospected, and soil sampled the claims. The Cathedral Formation, host of the mineralization, was further subdivided into nine lithologic units and prospecting was conducted on two favourable mineral horizons. Eight new mineral occurrences were recorded.

A short drill programme in the fall of 1978 tested an occurrence of replacement mineralization (the BM Showing). These three holes totalling 159.5 metres, yielded only low zinc mineralization (Riocanex report no. 547).

The 1979 summer field programme (Riocanex report no. 561) consisted of a ten-day investigation of 1978 soil anomalies, detailed mapping of the C-4 showing, and remapping of sections of the C-4 horizon. Three new showings, "Stripes", "BM Fractures", and "Red Bed type float" were discovered.

Leech G.B. (1979), Geological Survey of Canada, released an open file map covering the area at a scale of 1:126,720.

4. DESCRIPTION OF CLAIMS

Eight claim blocks consisting of 127 claims were staked in 1977 (Dwg. C-8687).

Claim Name	No. of Units	Record No.	Recording Date
Shag l	20	158	Aug. 29, 1977
2	12	159	Ħ
3	20	160	11
4	20	161	***
5	12	162	11 .
6	18	163	11
7	15	164	H
8	10	165	11

5. 1979 FALL FIELD PROGRAMME

The 1979 fall programme on the Shag Claims consisted of drilling the two mineralized horizons. The total length of drilling was 460.6 metres (1497 ft.). A minor amount of mapping and prospecting was conducted at the same time.

A Canadian Longyear drilling crew, to which the writer was representative for Riocanex, worked from a camp along the Shag Creek in the centre of the claim block. The programme was supervised by R. V. Longe.

6. GEOLOGY

The geology of the Shag Claims is displayed at 1:10,000 scale in Dwg. G-8688 and in idealized stratigraphic section in Dwg. G-6577.

6.1 Regional Geology

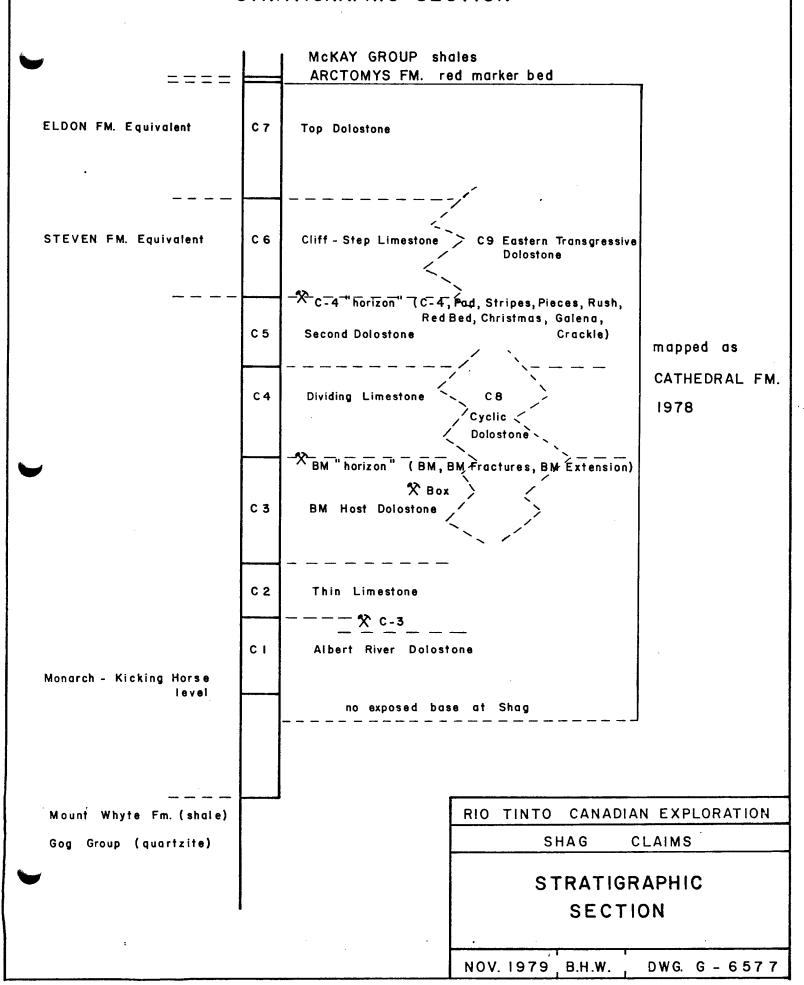
The major formations in the area of interest are the Middle Cambrian Cathedral carbonates, laterally equivalent Chancellor Group shales and limestones, and the Upper Cambrian McKay Group Shales. The showings are hosted by dolostones of the Cathedral Formation within one km of the northwest-southeast trending Chancellor facies front.

The rich Monarch-Kicking Horse deposits are hosted by the Cathedral Formation 50 km north in Yoho National Park, in a similar position with respect to the facies front but lower in the section. They represent a clearly different style of mineralization but demonstrate the availability of metals and potential for concentration in this belt.

6.2 Geology of the Shag Claims

The Cathedral Formation was subdivided into nine mappable units based on a combination of depositional and diagenetic features. A more detailed description is included in Riocanex report 547.

STRATIGRAPHIC SECTION



6.2.1 Stratigraphy

Formations on the claim block from youngest to oldest are:

McKay Group shales occurring on mountain peaks and higher ridges.

Arctomys Formation a thin red crinoidal marker bed underlaying the McKay Group.

<u>Cathedral Formation</u> - an alternating series of carbonates with no exposed base at Shaq.

"Top Dolostone" (C7). This appears to be equivalent to the Eldon Formation to the north.

"Cliff and Step Limestone" (C6). On the east side of the claims this becomes the "Eastern Transgressive Dolostone" (C9). To the north, the Steven Formation appears to be an equivalent.

"Second Dolostone" (C5). This is considered the top of the Cathedral Formation to the north. The C-4 horizon of mineralization lies at the top of this unit and contains the C-4, Pad, Stripes, Pieces, Rush, Redbed, Christmas, Galena, and Crackle Showings.

"Dividing Limestone" (C4). This is transgressive on the west side of the property with a "Cyclic Dolostone" (C8) which also transgresses the "BM Host Dolostone" (C3). "BM Host Dolostone" (C3). This unit hosts the BM horizon, at its upper contact, which contains the BM, BM fractures, and BM Extension Showings. The Box Showing lies to the north of the claim block in this unit but lower than the contact.

"Thin Limestone" (C2). This unit possesses the C-3 Showing in a small dolomitic envelope.

"Albert River Dolostone" (C1). This is the lowermost exposed unit on the Shag Claims. believed that the Monarch-Kicking Horse deposits lie beneath this level.

Chancellor Formation - Shales and limestone lying to the west are a lateral equivalent to the Cathedral Formation.

6.2.2 Structural Geology

Structural geology on the Shag Claims exhibits three response styles to compression and a large monoclinal flexure along the Chancellor-Cathedral facies front.

The shales are cleaved, isoclinally folded and internally thrust faulted, expecially near contact with The most prominent deformation is the large monoclinal flexure in the carbonates which runs parallel to the facies front. Rock type and position in the section relative to the McKay Group influence the styles of deformation in the carbonates. Small S-folds, overturned folds, and small thrusts are present in the upper portion. These indicate an east-west compressive force perpendicular to the facies front.

The influence of structural trends on mineralization is unclear although it seems that strigraphy plays a more important roll.

7. MINERALIZATION

7.1 Previously Reported Mineralization

The C-3 and C-4 Showings, discovered in 1977 and the Pieces, Red Bed, Rush, Christmas, Crackle, BM, BM Extension discovered in 1978 are described by D. Bending, Riocanex report 547, 1979. The BM Fractures, Stripes, and Red Bed type float showings, discovered in the summer of 1979 are described by D. Bending, Riocanex report 561, 1979. Note: Stripes was later ascertained to be displaced but it is thought to be near its source.

7.2 The "Pad" Showing

The "Pad" Showing occurs in the Second Dolostone (C5) between Shag Creek and C-4 Creek and is considered to be part of the C-4 horizon of mineralization. Due to the lack of sufficient outcrop, its position relative to the Second Dolostone (C5) - Cliff and Step Limestone (C6) contact is not known.

The host rock is a medium grey, finely crystalline dolostone which has been crackle brecciated. White, sparry dolomite appears to have preceded the red sphalerite and galena and nodules of galena up to 5 cm across, have been found. Selected grab samples show up to 10% ZnS and 2% PbS although the overall grade of the showing is approximately 1% combined.

DWG. G-7529 illustrates the Pad Showing and immediate vicinity at a scale of 1:500.

7.3 The "Galena" Showing

The "Galena" Showing is a small float occurrence discovered when spotting the site for DDH 79-5 on the southwest side of Shag Creek.

The host rock is a pale grey, finely crystalline, uniform dolostone with no brecciation. Galena occurs as small nodules amounting to approximately 1% of the float. The underlying bedrock was the Dividing Limestone.

A small open-ended zinc anomaly lies directly up hill (southwest) of the site but is not accompanied by a lead anomaly. This was prospected and dolostone resembling the host rock was found in the Second Dolostone but no mineralization was observed.

Table I

Length and Attitude of Drill Holes - 1979

Hole	Length	Attitude
DDH 79-1 -2 -3 -4 -5 -6	423' 128.8m 182' 56.0m 293' 89.2m 238' 73.2m 243' 74.8m 118' 36.3m	$322^{\circ} - 70^{\circ}$ $285^{\circ} - 60^{\circ}$ $020^{\circ} - 60^{\circ}$ $044^{\circ} - 69^{\circ}$ $225^{\circ} - 80^{\circ}$ $225^{\circ} - 80^{\circ}$
Total Footage =	1497' 460.6m	

8. <u>DRILL PROGRAMME</u> cove is on site

With the discovery of three new mineral occurrences in the summer of 1979 the second phase of drilling was decided on. Canadian Longyear was employed using a Hydrowink drill to sink six holes which totalled 460.6 metres (1497 feet). The locations of drill sites and horizontal traces of the drill holes, which were drilled between 60° and 80° , are shown on DWG. C-8687. The generalized geology and distribution of mineralization in these holes are given on DWG. D-6571 to D-6576.

Holes one to four were designed to test the C-4 horizon mineralization. All sites had an associated showing and/or soil anomaly within 150 metres but only DDH 79-4 yielded mineralization. The remaining three holes passed through the stratigraphic contact without encountering sulphides.

The first two boxes of DDH 79-4 were sent for examination to Vancouver where it was concluded (memorandum Appendix III) that this type of mineralization was not encouraging.

Holes five and six were designed to test the BM horizon mineralization. Hole five passed through the zone of interest and exhibited the same birds eye texture that can be found in the BM Showing but no mineralization was seen. Hole six entered the zone of interest and showed minor sphalerite in dolostone but due to extreme freezing conditions the hole had to be abandoned with mineralization, albeit minor, still present. The casing was left in place for possible future drilling.

OVERBURDEN Possible Transition Zone? between Cliff and Step Limestone CGL and Eastern Transgressive -Ool. Lst Int. Lst + Dol. Lst Dolostone C9 Dol. Lst calc. Ost. Ost - Dolostone cale. Ost Calcarious Dolostone Int. Lst + Dol. Lst - Interbedded Limestone and Dolomitic Limestone CLIFF AND STEP LIMESTONE CG -38 alternating sections between Limestone: finely crystalline, pale grey with irregular medium grey dolomitic limestone whisps and blebs - Pyrite < 1% No sulphides observed Interbedded Limestone and Dolomitic # Limestone: pale and medium grey, No assays taken finely crystalline, finely laminated, fairly uniform with minor boudinage structures. SCALE 1:500 Attitude of Hole 70° - 322°T 104,4 .alc. Dst. - TRANSITION ZONE alc Dat. RIO TINTO CANADIAN EXPL.LTD. SECOND DOLOSTONE C5 SHAG CLAIMS Dolostone: finely crystalline, pale to medium grey, Sucrosic, 79-1 DDH

DWG. D - 6571

NOV. 1979

B.H.W.

porous, minor secondary white

dolomite.

128.8 metres

CLIFF AND STEP LIMESTONE CG - TRANSITION ZONE
Limestone: finely crystalline, pale grey, with styolites
and irregular dolomitic limestone stringers and blebs,

Pyrite < 1%

Interbedded Calcarious Dolostone and Limestone: medium grey and pale gray respectively, finely crystalline, occasional boudinage with limestone as the boudins.

Calcarious Polostone: medium grey, finaly crystalline, uniform, minor calcite veining

J.O7 OVERBURDEN

Lst.

Int. Calc Dst + Lst.

Lst.

Lst.

Calc Dst.

Birds eye texture

Rubble Greccia Zebra texture

20.0

Ost.

SECOND DOLOSTONE C5

Dolostone: finely to very finely
crystalline, medium to pale grey
- mottled, birds eyed, zebroid,
or brecciated textures in
varying portions - no
mineralization

No sulphides observed

No assays taken

SCALE 1:500

0 5 10 15 metres

Attitude of Hole 258 - 60°

RIO TINTO CANADIAN EXPL. LTD.

SHAG CLAIMS

DDH 79-2

NOV. 1979

B.H.W.

DWG. D-6572

OVERBURDEN

CLIFF AND STEP LIMESTONE C6

Limestone: very finely crystalline, pale grey,
finely laminated or possessing delicate
convolutions.

+ Interbedded Limestone and Mudstone:

limestone is medium grey, very finely
crystalline - mudstone is medium brown,
earthy - shale like partings

Int. Lst + Ms

Lst.

Int. Lst + Mst.

Lst.

Lst.

Lst.

Lst.

Lst.

Lst.

Lst.

Int. Lst + Mst.

Lst.

Int. Lst + Calc. Dst

Int. Lst + Calc. Dst

-st. TRANSITION ZONE

Int. Let + Calc. Dst

3.6.// /Ls

SECOND DOLOSTONE C5

Dolostone: usually finely crystalline, medium grey with white dolomite veins and open space fillings. — occasionally laminated or crackle brecciated, Pyrite < 1%

SCALE 1: 500

metres

No economic sulphides observed

No assays taken

Attitude of Hole 020° - 60°

Abbreviations

Mst - mudstone

Ost - Dolostone

let - Limestone

Int. - Interbedded

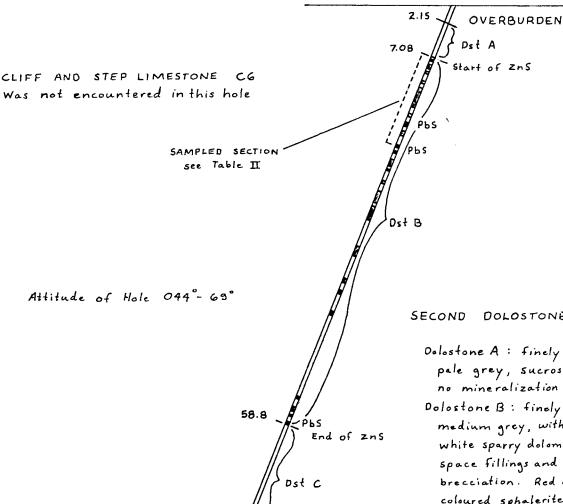
Calc. - Calcarious

RIO TINTO CANADIAN EXPL. LTD.

SHAG CLAIMS

DDH 79-3

NOV. 1979 B.H.W. DWG. D - 6573



DOLOSTONE C5

Dolostone A: finely crystalline, pale grey, sucrosic, uniform, no mineralization present. Dolostone B: finely crystalline, medium grey, with influx of white sparry dolomite as open space fillings and veinlets - some brecciation. Red and honey coloured sphalerite ZnS followed the white dolomite. Galena is present in three locations. Mineralization generally does

not exceed 1% with the richest samples coming from the top of this section. shaded areas posses sphalerite. The non mineralized gaps are generally dolostone with pale and medium grey whispy bands (bedding?). Minor amounts of barren breccia are present.

Dolostone C: finely crystalline, light and medium grey whispy bands occasional minor laminations with shale like parting. except for minor pyrite < 1%

SCALE 1: 500

RIO TINTO CANADIAN EXPL. LTD. SHAG CLAIMS

> DDH79-4

NOV.1979 B.H.W. DWG. D - 6574

```
7.15
                                 7.69
          TABLE II
                                8.00
    Sampled Section of
       D.D.H. 79-4
                              8.77
                             9.08
                            9.54
       mineralization
       present
                         10.5
                       10.8
                                                  Scale 1:50
                     11.4
                                                                    3 Metres
                                                 1
                                                          2
                                 ASSAY RESULTS
             14.2
                                Sample No.
                                                        Cd
                                                               Pb
                                                                      Zn
                                                 Ag
                                                      L0.01
                                                              L0.01
                                                                      1.02
                                                8.57
                                C-302401
                            1.
                                                6.86
                                                       0.01
                                                              L0.01
                                                                      2.32
                            2.
                                C-302402
                                                                      4.50
          15.1
                                                8.91
                                                       0.01
                                                               0.01
                                C-302403
                                                4.11
                                                      L0.01
                                                              L0.01
                                                                      1.30
                  6.
                                C-302404
         15.4
                                                                      1.22
                                                3.77
                                                      L0.01
                                                              L0.01
                                C-302405
                                                      L0.01
                                                               0.01
                                                                      2.31
                                                5.49
                            6.
                                C-302406
                                                4.80
                                                      L0.01
                                                               0.01
                                                                      1.75
                            7.
                                C-302407
      16.3
                                                      L0.01
                                                              L0.01
                                                                      0.75
                                                3.77
                            8.
                                C-302408
                                                        0.01
                                                                1.47
                                                                      4.60
                                                8.57
                            9.
                                C-302409
                                                                       용
    16.9
                                                g/t
  17.5
18.2
```

OVERBURDEN DIVIDING LIMESTONE C4 Interbedded Limestone and Calcarious Dolostone: medium-pale gray and medium grey respectively, finely crystalline, fine flow laminations - limestone > dolostone - whisps of brownish-red Int. Lst + Calcarious Dst mudstone - minor styolites. 23.7 Limestone: medium - pale grey, finely Int. Dat + Lat. crystalline - irregular whisps of very Int. Ost + Lst finely crystalline, medium grey dolostone Spotted Dat minor brecciation - white calcife veins TRANSITION ZONE up to 1.5 cm thick are present. replaces Limestone as the most Lst. abundant in the Interbedded sections. Spotted Dolostone has spheres and Abbreviations Int. Ost + Lst ovoids of limestone. Lst. - Limestone Ost. - Dolostone Int. - Interbedded Int. Ost + Lst Birds eye texture Dst. BM HOST DOLOSTONE C3 Dolostone: medium to pale grey, finely crystalline, sucrosic, with white dolostone as birds eyes and random veining.

Attitude of Hole 225° 80°.

SCALE 1: 500

5 10 15 metres

No sulphides observed

No assays taken

RIO TINTO CANADIAN EXPL.LTD.
SHAG CLAIMS

no mineralization

DDH 79-5

NOV. 1979 B.H.W. DWG. D - 6575

2.15

DIVIDING LIMESTONE C4

Limestone: pale grey, finely crystalline, with bands and whisps of medium grey dolomitic limestone.

Minor whisps of brown, earthy mudstone are also present - Pyrite < 1%.

Fossiliferous Limestone: medium grey, 17.

medium crystalline, with black fossil fragments (trilobites) - Pyrite crystals exhibit cubes and iron 23.7 cross twinning.

Fossiliferous Lst.
Lst.
Fossiliferous Lst.
Lst.
Int. Lst + Calc. Dst.
Lst.
Int. Lst + Dst.
Interbedded Limestone and
C302410
Start of ZnS
Dolostone

C-302411

BM HOST DOLOSTONE
C3
Dolostone: medium grey, medium
crystalline to pale grey, finely
crystalline with depth. Minor
White dolostone birds eyes and

OVERBURDEN

veining with red sphalerite Zn5 in the veins beginning at 26.7 m depth.

Sphalerite < 170 over last 10 m of core

Attitude of Hole 225° - 80°

ASSAY RESULTS

Sample No.	Ag	Cd	Pb	Zn
C-302410	1.03	L0.01	L0.01	1.47
C-302411	2.40	0.03	0.02	10.70
	g/t	8	%	9

SCALE 1:500

metres

10 15

SHAG CLAIMS

DDH 79-6

NOV. 1979 B.H.W. DWG. D - 6576

9. DISCUSSION

DDH 79-1 was calculated to hit the Cliff and Step Limestone (C6) - Second Dolostone (C5) contact at a depth of 50 metres using the bedding attitude of the C-4 Showing as a control. The transition zone between the two units was not encountered until 104.4 metres. This could indicate either a sharpening of the fold axis proposed to pass through this area or a faulting that may have displaced the unit. An increase in dip possibly indicative of drag folding or faulting was observed near the showing.

The contact between Second Dolostone (C5) and Cliff and Step Limestone (C6) was further refined in the region between the Stripes Showing and the Pad Showing. This was incorporated into the main geology map. (DWG G-8688)

10. CONCLUSIONS

The patchy nature of all of the showings along the C-4 horizon indicate that they are unlikely to produce significant tonnages. This is born out by the barren nature of DDH 79-1, 2 and 3 which had close proximity to either a showing or to a soil anomaly. Only hole 4 yielded mineralization.

The BM horizon, to which the BM, BM Fractures, and BM Extension Showings and the largest geochemical anomaly on the property are related, has not been sufficiently tested to rule it out as a possible large low grade ore body. DDH 79-6 possessed a minor quantity of sphalerite at the end of the hole. This sphalerite occupied all of the available fracture space but the fracture density was not high.

11. RECOMMENDATIONS

It is recommended that:

- 1. The attractive lead anomaly, at 1000S to 1300S and 550W to 750W (DWG. GC-8631), be examined closely using spot hand trenching to gain as much data as possible.
- 2. The major soil anomaly associated with the BM horizon is close to the Cyclic Dolostone facies boundary (DWG. GC-8632). A larger scale mapping (1:2,500 is suggested) of the area extending to the lead anomaly is recommended.
- 3. Examination of the zinc soil sample anomalies at 2200S 550W and 2400S 600W should be conducted (DWG. GC-8632).
- 4. The lowest unit on the property, Albert River Dolostone (C1), has not been tested to date. A crew operating from the Albert River could extend the soil sampling grid to cover land from the Box to C-3 Showings and down to the Albert River.
- 5. Further drilling of the Shag Claims is not recommended at this time. However, if favourable results develop from the recommended geology programme, then DDH 79-6 could be completed. Seven feet of BQ casing has been left in the hole.
- 6. An additional hole could be drilled 200 metres northwest of DDH 79-6 to test the BM horizon further along the large zinc soil sample anomaly.

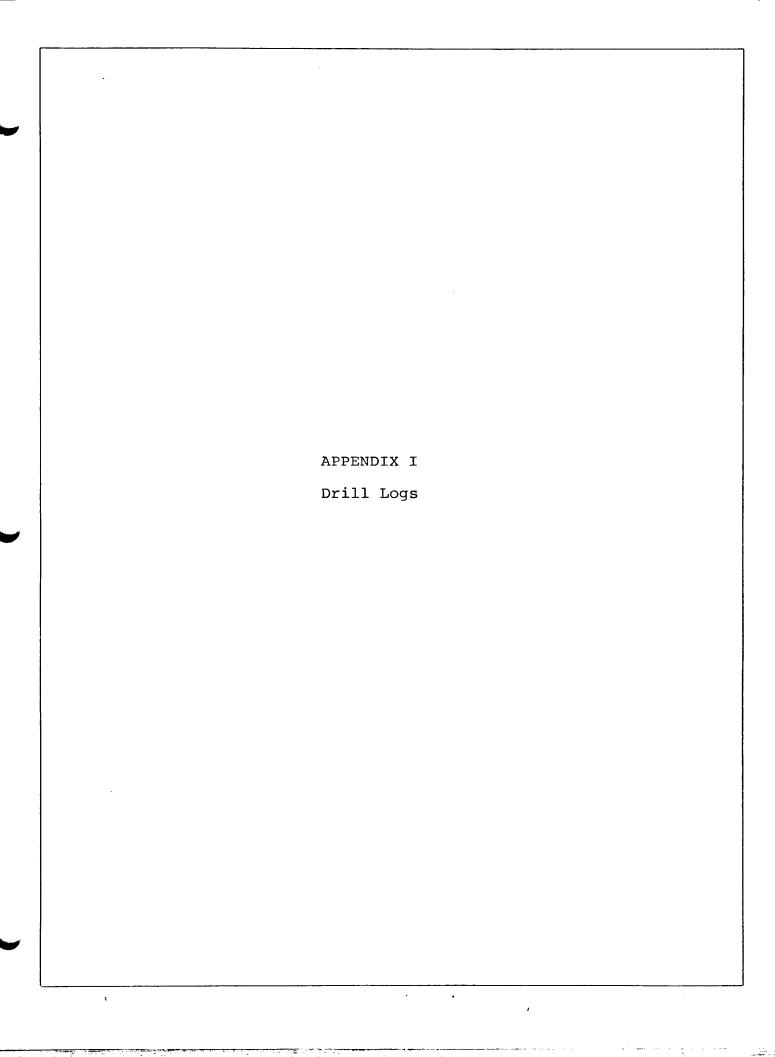
Graf, C. 1977 Graf Lead-Zinc Reconnaissance, Southern Rocky Mountains Riocanex Report 526

Bending, D. March 1979 (covers 1978 field work)

Shag Claims - Lead-Zinc

Riocanex Report 547

Bending, D. August 1979 (covers summer 1979 field work)
Shag Claims
Riocanex Report 561



APPENDIX II Assay Results

To: _Ri	<u>Tinto</u>	Canadian	Exploration
PAGE No.		1	

BONDAR-CLEGG & COMPANY LTD.

REPORT	NO^429	- 14	494
DATE.	November	23.	1979

CERTIFICATE OF ASSAY

Samples submitted: November 8, 1979 Results completed: November 23, 1979

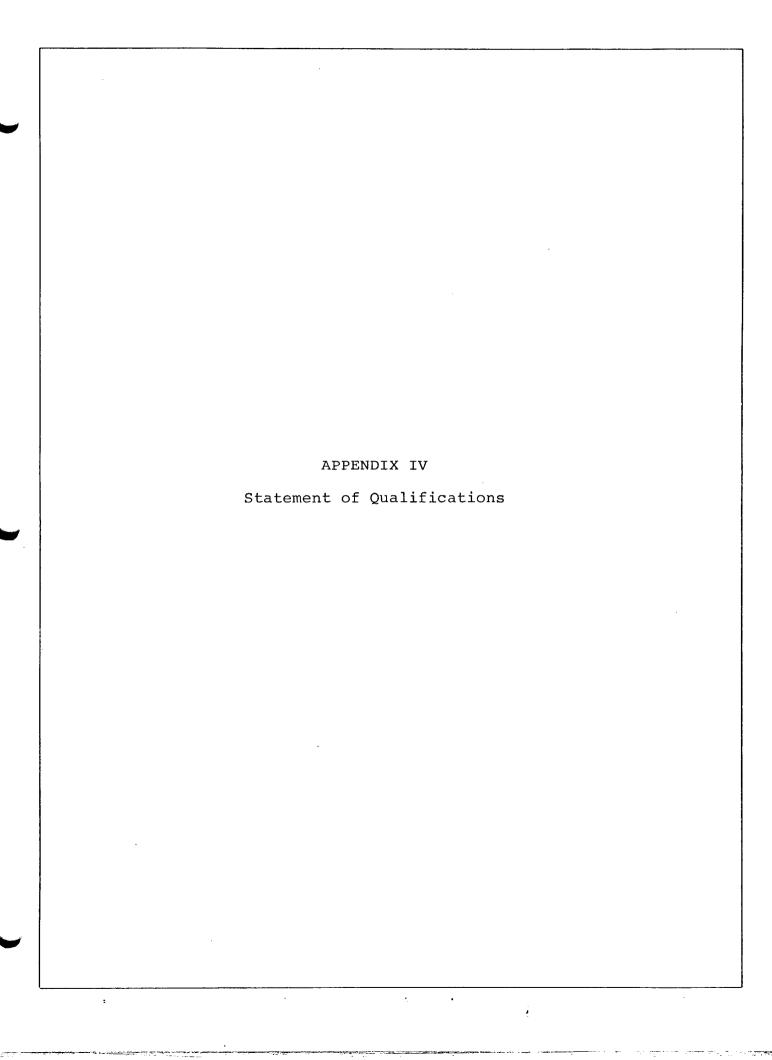
PROJECT: 8652

J hereby certify that the following are the results of assays made by us upon the herein described core samples.

MARKED	GC	LD	SIL	VER	Pb	Zn	Cd					
	Ounces per Ton	Grams per Metric Ton	Ounces per Ton	Grams per Metric Ton	Percent	Percent	Percent	Percent	Percent	Percent	Percent	
C - 302401 302402 302403 302404				8.57 6.86 8.91 4.11	<0.01 <0.01 0.01 <0.01	1.02 2.32 4.50 1.30	<0.01 0.01 0.01 <0.01					
302405 302406 302407 302408				3.77 5.49 4.80 3.77	<0.01 0.01 0.01 <0.01	1.22 2.31 1.75 0.75	<0.01 <0.01 <0.01 <0.01					
302409 302410 302411				8.57 1.03 2.40	1.47 <0.01 0.02	4.60 1.47 10.70	0.01 <0.01 0.03					
					<i>2</i>							
cc Mr. C. I	. Spence											

NOTE:

Rejects retained three weeks Pulps retained three months unless otherwise arranged. Registered Assever, Provide of British Columbia



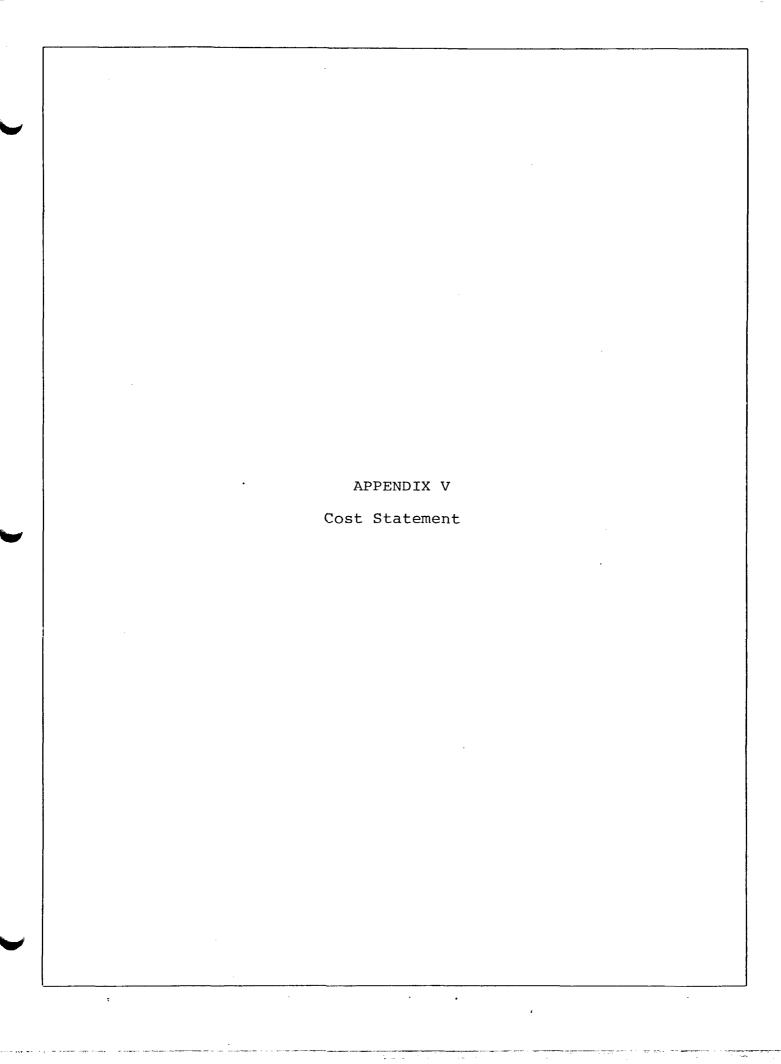
CERTIFICATE

I, Bernard Henry Whiting, with business address in Vancouver, British Columbia, and residential address in New Westminster, British Columbia, do hereby declare

- 1. I am a geologist employed by Rio Tinto Canadian Exploration Limited.
- 2. I graduated from the University of British Columbia in 1979 with a B.Sc. degree in Geology.
- 3. From 1975 to 1979 I have been employed on a temporary basis by the Pacific Science Congress, Welcome North Mines Limited, and Riocanex Limited.

Respectfully submitted,

B. H. Whiting



COST STATEMENT

B.C. SHAG CLAIMS

23 July to 21 October 1979

GENERAL COSTS

23 July - 21 October 1979

SUPPLIES

130 man days @ \$4.08 \$ 530

FOOD & ACCOMMODATION

130 man days @ \$18 2,340

RENTAL EQUIPMENT

Traeger SSB50C radio, 31 Aug-21 Oct,
52 days @ \$6 \$312

Redhawk, 4WD Jimmy, 23 Jul-21 Oct,
90 days @ \$22 1,980 2,292

FIXED WING

Universal Travel Agency, 6 Jul-2 Oct, 6 trips, Van/Canal Flats, return 729

HELICOPTER

Crowsnest, CF AHH, 31 Jul, 1.9 hrs @ \$323 \$ 629.50 Okanagan, 206B, 18 Jul-24 Sep, 18.4 hrs @ \$375 6,884.65 7,514

RIOCANEX EQUIPMENT	
130 man days @ \$3	390
REPORT PREPARATION	2,886
TOTAL GENERAL COSTS	\$16,681
TRENCHING	•
SALARIES & WAGES	
24 Sep-14 Oct, 3 men, 6 man days @ \$42/man day	\$ 252
BENEFITS @ 20%	50
GENERAL COSTS	
6/130 x \$16,681	769
TRENCHING TOTAL	\$ 1,071
GEOCHEMISTRY	
SALARIES & WAGES	
4 Aug, 1 man, 1 man day @ \$48	48
BENEFITS @ 20%	10
ANALYSIS	
Riocanex Lab, 59 soils for Ag, Pb, Zn @ \$3.60	212

GENERAL COSTS	
1/130 x \$16,681	128
GEOCHEMISTRY TOTAL	\$ 398
GEOLOGY	
SALARIES & WAGES	
23 Jul-21 Oct, 7 men, 44 man days @ \$50/man day	\$ 2,200
BENEFITS @ 20%	440
GENERAL COSTS	
43/130 X \$16,681	5,518
GEOLOGY TOTAL	\$ 8,158
DIAMOND DRILLING	
SALARIES & WAGES	
9 Sep-21 Oct, 7 men, 80 man days @ \$50/man day	\$ 4,000
BENEFITS @ 20%	800
DIAMOND DRILLING CONTRACT	
Longeyar Canada, 17 Sep-26 Oct, 456.29 m @ \$111/m	50,856

HELICOPTER MDB, DEMOBILIZATION & MOVES

Bow, 206B, 15-21 Sep, 11 hrs @ \$360 \$ 4,072 Okanagan, 206B, 27 Sep-22 Oct, 23 hrs @ \$375 12,881

ASSAYS

Bondar-Clegg Lab 11 core for Ag, Pb, Zn, Cd @ \$25

275

16,953

GENERAL COSTS

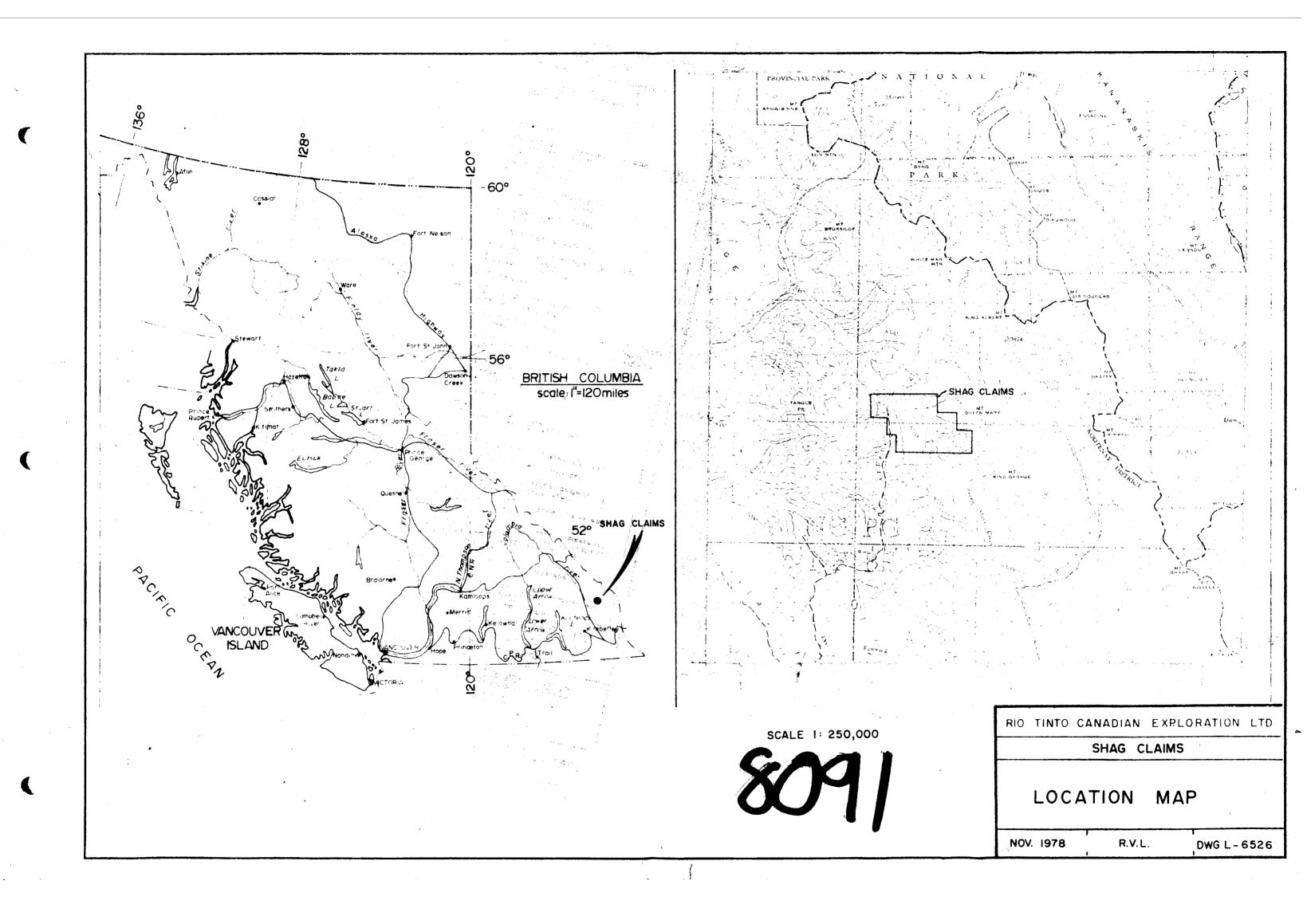
80/130 X \$16,681 10,265

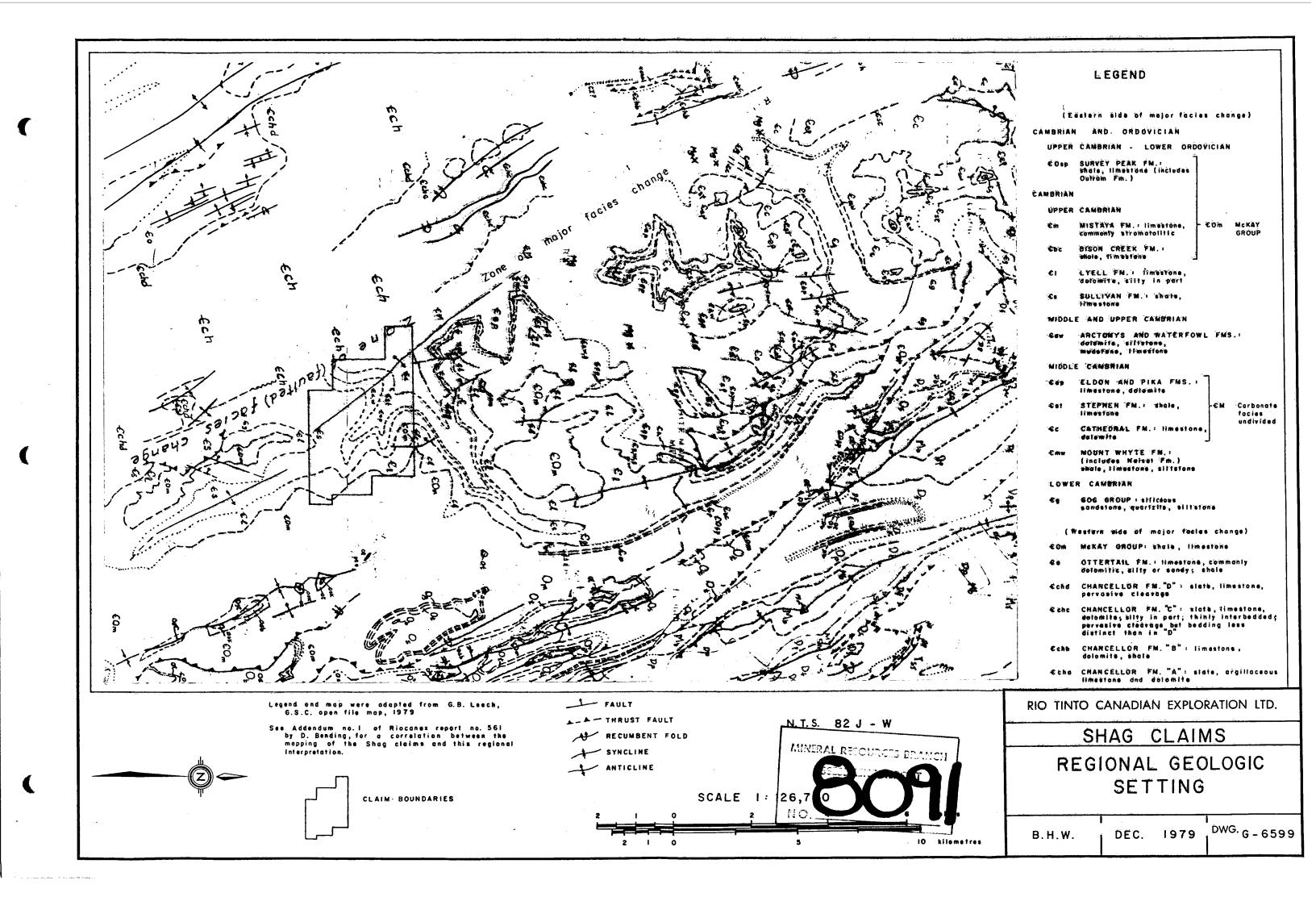
DIAMOND DRILLING TOTAL \$83,149

<u>TOTAL COSTS</u> \$ 92,776

COSTS APPORTIONED TO CLAIMS

CLAIM	UNITS	GEOLOGY	TRENCHING	DRILLING	GEOCHEMISTRY	TOTAL
SHAG 1	20	1,284.73				1,284.73
2	12	770.83				770.83
3	20	1,284.73		20,051.30		21,336.03
4	20	1,284.73	1,071.00	63,097.70	398.00	65,851.43
5	12	770.83				770.83
. 6	18	1,156.25			•	1,156.25
7	15	963.54				963.54
8	10	642.36			**************************************	642.36
TOTALS	127	8,158.00	1,071.00	83,149.00	398.00	92,776.00





MONARCH - KICKING HORSE (re Graf 1977 & 1978 followup) MARVEL (re Graf 1977 - report no. 526 & 1978 followup) SHAG GEOLOGY (as mapped in 1978 - report no. 547) UPPER CAMBRIAN CARBONATES McKAY GROUP shales McKAY GROUP shales ARCTOMYS FM. red marker bed ARCTOMYS FM. ARCTOMYS FM. ELDON FM. dolostone ELDON FM. C7 Top Dolostone STEVEN FM. shale STEVEN FM. Cliff & Step Limestone C9 Eastern Transgressive

Dolostone Second Dolostone Dividing Limestone C8 Cyclic Dolostone -X 0-1 CATHEDRAL FM. CATHEDRAL FM. magnesite BM Host Dolostone mapped as CATHEDRAL FM. Dolostone 5 in 1978 Albert River Dolostone ---- No exposed base at Shag ── Monarch - Kicking Horse deposits dark dojomitic shaly limestone dark dolomitic shaly limestone MOUNT WHYTE FM. shale MOUNT WHYTE FM. GOG GROUP quartzite GOG GROUP

LEGEND

DOLOSTONE

QUARTZITE

LEAD-ZINC MINERALIZATION

N. T. S. 82 J

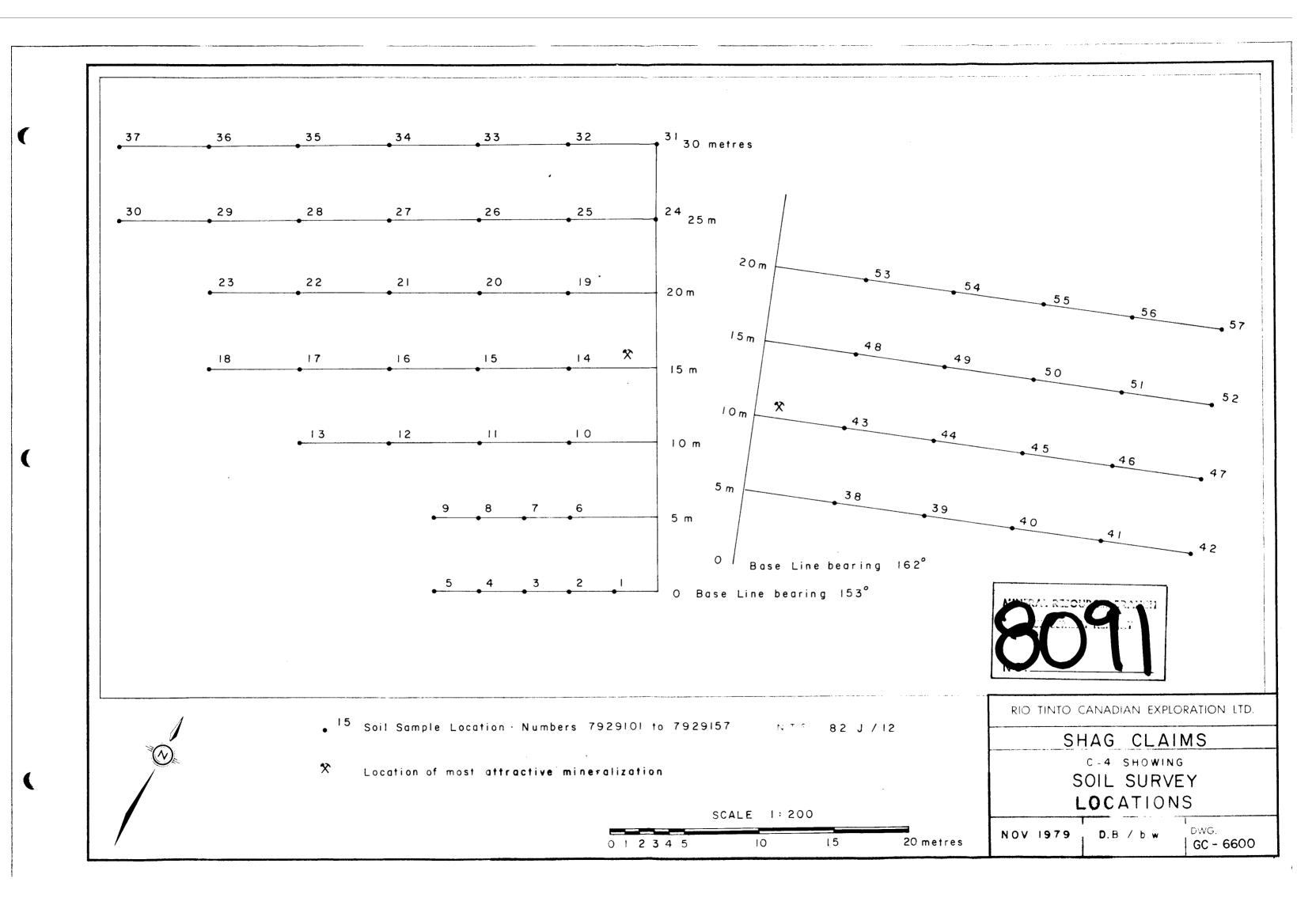
RIO TINTO CANADIAN EXPLORATION LTD.

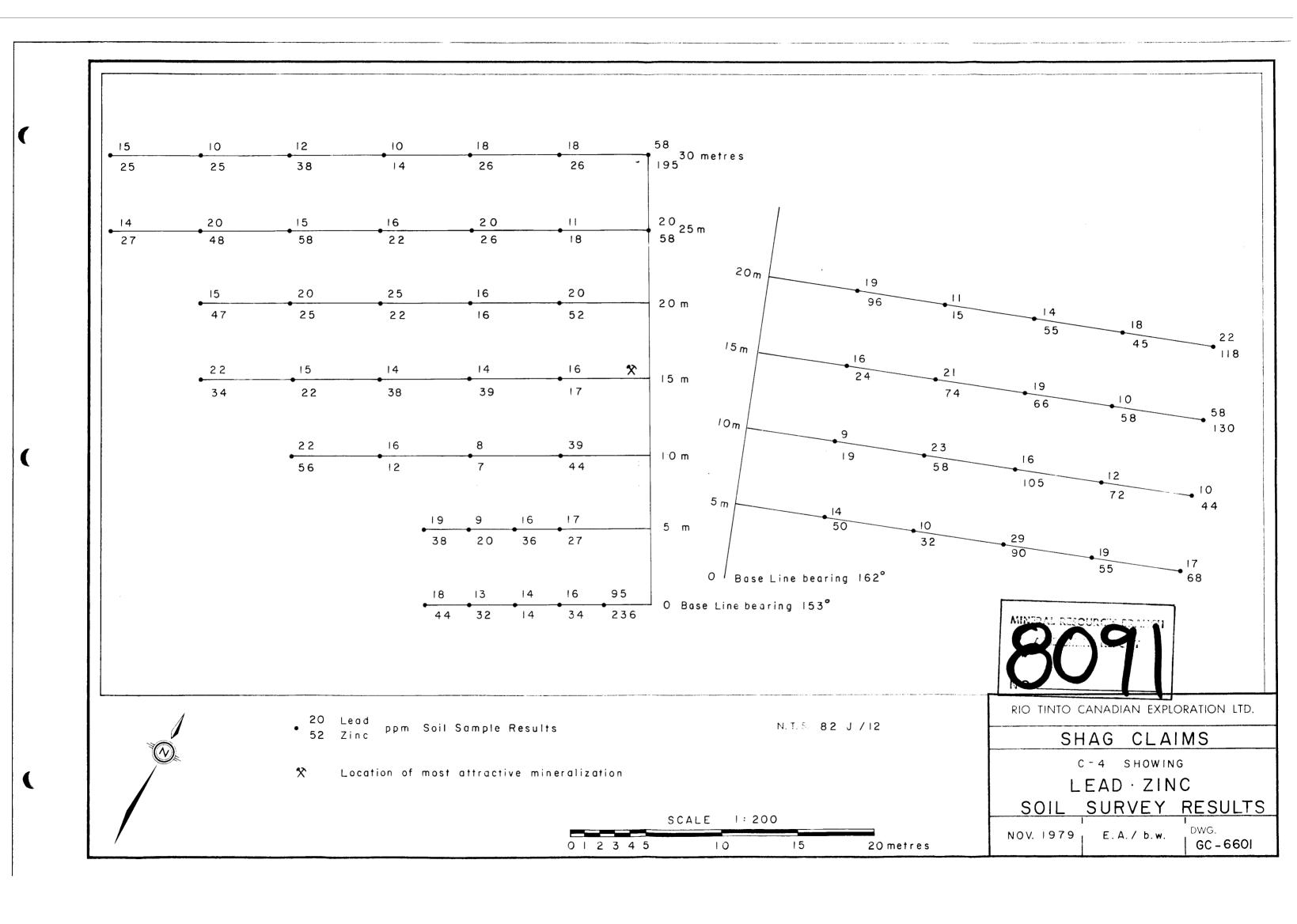
SHAG CLAIMS

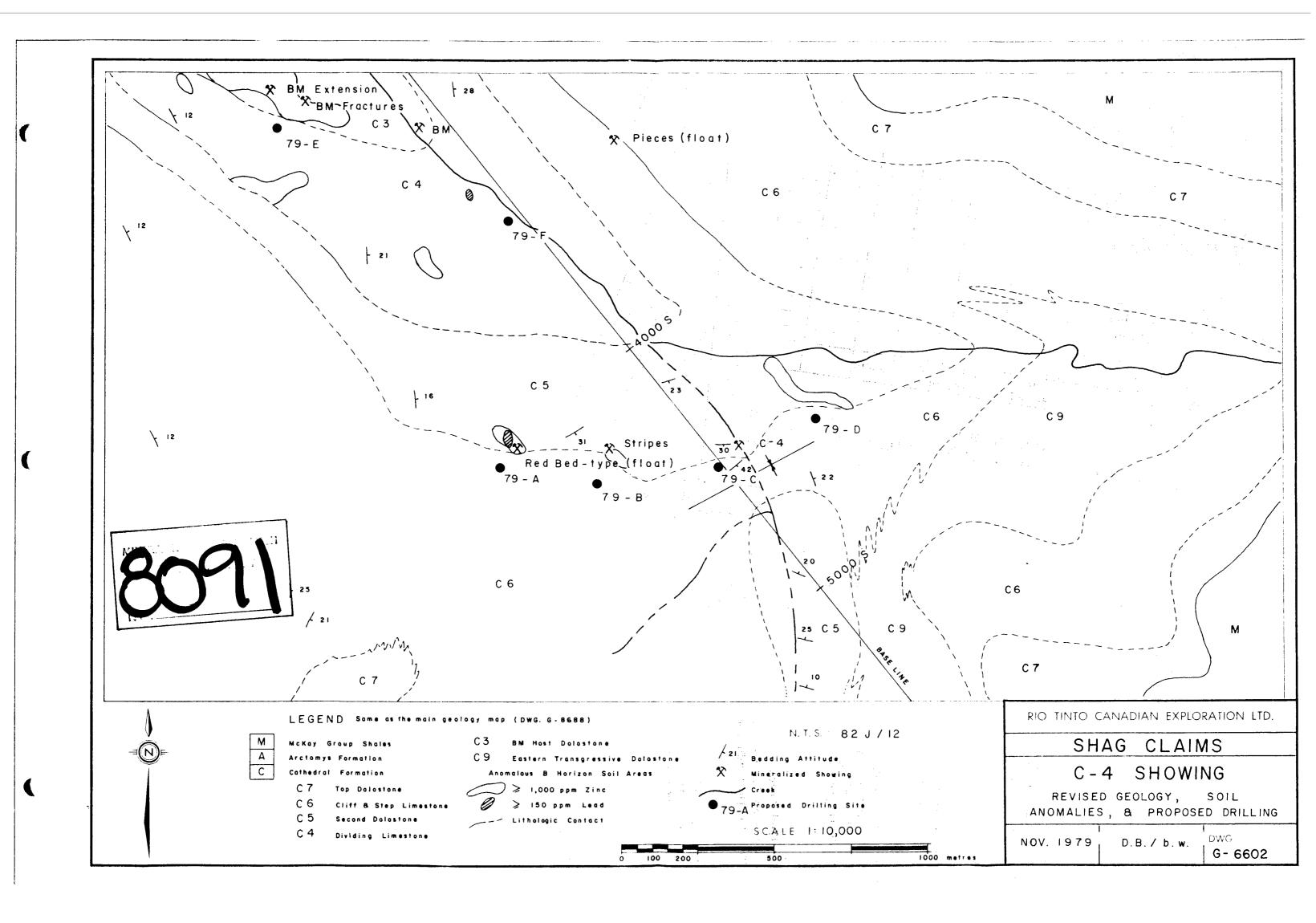
CORRELATION OF MONARCH KICKING HORSE, MARVEL & SHAG

D.B./b.w. | NOV. 1979 | DWG.

G - 6603







DIAMOND DRILL RECORD

PROPERTY: Shag 8652

HOLE NO: 79-6

AZIMUTH: 225°

2730S - 530W

LOCATION :

DIP: 80°

LENGTH: 118'-36.3m ELEVATION: 1,938 m Claim No.: Shag 3

STARTED: 13 Oct 79 CORE SIZE: BQ DATE LOGGED: 20 Oct 79 SECTION:

COMPLETED: 20 Oct 79 DIP TESTS: LOGGED BY: B.H. Whiting

PURPOSE: Testing BM-horizon Mineralization CONTRACTOR: Canadian Longyear

F00	TAGE	DESCRIPTION	SAMPLE	F00	TAGE	LENGTH]				
from	to	DESCRIPTION	NΩ	from	to	LENGTA				<u> </u>	
0	2.15	Overburden				-					-
<u> </u>											
	10.0										
2.15	12.3	Limestone: pale grey, finely crystalline,									
· · · · ·		with bands and whisps of medium grey dolom itic limestone. Minor whisps of mudstone									
		occur in the first 10' (3 m) of core.									
		Pyrite L 1%.	 		ļ <u>.</u>						
		•						 			
12.3	12.9		ıe								
		medium grey with black fossil fragments,					 		ļ		
		fossils are possibly trilobites. Pyrite			ļ <u>.</u>					<u> </u>	ļ
		crystals exhibiting cubes and iron cross							ļ	<u> </u>	<u> </u>
		twinning are also present - Pyrite = 1%.									
								MINERAL	RECUR	TO BRAN	<u>C1.</u>
12.9	14.2	Banded Limestone: pale grey, finely									-
		crystalline limestone with distinct fine		ļ						 _	
		bands of dolomitic limestone - Bedding									
		850 to the core axis. Dolomitic limestone									
		amounts to 20%. At 45' (13,8 m) there									
21-11-11-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	1	is a 3 mm thick layer of light brown mud-									

DIAMOND DRILL RECORD

HOLE Nº: 79-6
PAGE №: 2

F00	TAGE		SAMPLE	FOO	TAGE					
from	to	DESCRIPTION	Νō	from	to	LENGTH				
		stone.								
14.2	15.1	Fossiliferous Limestone: same as above								
		but with less pyrite.								
										ļ
.5.1	17.2	Limestone: pale grey, finely crystalline								<u> </u>
		with bands and whisps of calcarious dolost	one.							
		Some minor bands of medium crystalline			ļ					
		limestone and light brown, earthy mudstone							· · · · · · · · · · · · · · · · · · ·	
		are also present.					 		ļ	
	-								ļ	
							 		ļ	
17.2	18.2	Interbedded Limestone and Calcarious Dolo-			ļ					
	ļ	stone: transitional from above, bedding pl			-				ļ	ļ
		is 850 to the core axis. Limestone is pal	 							ļ
		grey, dolostone is medium grey, and the			<u> </u>	_	 		ļ	ļ
		bedding is very thin.								
	-		<u> </u>							
	10 -								-	
18.2	18.5	Limestone: medium crystalline, medium								
		grey, uniform, no fossil fragments seen.			-	_	 		-	
							 			-
10 F	23.7	Finely Interbedded Limestone and Dolostone					1.0		2	DRAME!
18.5	23.7		·					4 4 4 4 7 1	ARRIVA GET	
		a uniform delicately laminated, finely			 	-				
		crystalline section with minor bands of	ļ		-				├	
_		medium crystalline Limestone. Bedding			 					3 1
J		\sim 85 $^{\circ}$ to the core axis.								
,	1		ļ							
00 =	06.0					-	 		<u> </u>	
23.7	26.2	Dolostone: medium grey, medium crystallin	P					-	 	
		sucrosic and fairly uniform.							 	

DIAMOND DRILL RECORD

HOLE Nº: 79-6

PAGE Nº:
3

				,			,	,			3	
I .	TAGE	DESCRIPTION	SAMPLE		TAGE	LENGTH	7.~	Pb	Zn	ca'		
from	to	BESONII TTON	Nδ	from	to		Ag	PD	211	Ca		
26.2	26.7	Dolostone: medium grey, finely crystalline					g/tonne	움	g 6	8		
		with many fine convolutions.					<u> </u>					
26.7	36.3	Dolostone: pale grey, finely crystalline	0.2024	10 27 3	27 5	0.2	1 03	T.O. 0.7	1 47	T.O 01		
		with minor white dolostone birds eyes -	C=3024	35.9	36.1	0.2	2.40	0.02	10.70	0.03		
		minor brecciation. Red sphalerite ZnS occu		1 55.5	30.1	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		0.02	20,70	0.00		
		along veins L 1% over section, Pyrite L 1%			 -							
L .	+	atomy verms in the over section, Tyrrice in the	l		 				· 			
		END OF HOLE			 							9
	 	END OF HOLE			 			-				
	+	Trale shandened due to fueeza nuchlema	·		 							
	<u> </u>	Hole abandoned due to freeze problems	 	<u> </u>	 				<u> </u>			-
	 										 -	
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			ļ		ļ							
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	<u> </u>				<u> </u>					ALTERNATION OF		
									F.		TREE	1:1
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	<u> </u>											
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DIAMOND DRILL RECORD

HOLE NO: 79-5

AZIMUTH: 225°

PROPERTY : Shag 8652

DIP: 80°

LENGTH: 243'-74.8m

ELEVATION: 1,858 m

Claim No.: Shag 3

STARTED:

Oct 14/79

CORE SIZE : BO

DATE LOGGED : Oct 20/79

SECTION :

COMPLETED : Oct 16/79

LOCATION : 2960S - 380 W

DIP TESTS :

LOGGED BY B.H. Whiting

PURPOSE :

Testing BM-horizon Mineralization

CONTRACTOR:Canadian Longyear

F00'	TAGE	0.5000,0710.	SAMPLE	F00	TAGE						
from	to	DESCRIPTION	Nº	from	to	LENGTH					
0	2.77	Overburden									
2.77	16.5	Delicately Interbedded Limestone and									
		Calcarious Dolostone: fine flow lamination	5								
		85° to the core axis. Limestone in									
		greater abundance than dolostone - medium									
		grey, finely crystalline dolostone with a									
		shade lighter grey limestone. Brownish									
		red mudstone occurs as whisps within the									
		core - minor stylolites.									
										ļ	
		C'an January 172 and 184					 			 	
16.5	18.5	Limestone: finely crystalline, medium-			1	 	 	ļ. .		-	
		pale grey with minor irregular whisps of	· · · · · · · · · · · · · · · · · · ·			 	F		+		
		very finely crystalline medium grey					 				CH.
		dolostone. Some portions of core appear				-	 			a .	
		almost mottled. White calcite veins up				ļ	 			TELET CALL	4
		to 1.5 cm thick are present.			<u> </u>	ļ	 				
							 				↓↓
								100.			
18.5	20.9	Delicately Interbedded Limestone and									
		Calcarious Dolostone: similar to above					<u> </u>				
	}	except the mudstone whisps are pale brown						<u> </u>			

DIAMOND DRILL RECORD

HOLE No: 79-5

	TAGE	DESCRIPTION	SAMPLE	1	TAGE	LENGTH				
from	to	DESCRIPTION	Νō	from	to	ZENOTTI				
		and no stylolites are present.					 			
					ļ		 			
	 						 			
20.9	23.7	Limestone: finely crystalline, medium pale			ļ		 		<u> </u>	
		grey with irregular whisps of dolostone.				_	 			
		Minor brecciation with calcarious dolostone				_	 			_
	<u> </u>	forming the matrix and limestone forming	·		-					
{	 	the fragments and calcite veins up tp								+
		2.0 cm thick are also present.		·			 			
				ļ	<u> </u>					
00.7	24.0			 	 					
23.7	24.9	Finely Interbedded Dolostone, and Limestone delicate laminations 88 to the core	•		 		 			
		axis. Medium grey dolostone is more plenti		-						
									-	
		ful than the pale grey limestone - uniform.								
										
24.9	200	Time - I I I C'			 	+	 			
24.9	20.0	Limestone: transitional from above, fine crystalline, medium pale grey, calcarious			1		 			
					 		 			-
	-	dolostone appears as bands, whisps, and irregular patches varrying the texture			-					
,		through the section.					 			
		through the section.		 			 			
		·								
28.0	29.2	Finely Interbedded Dolostone and limestone:								-
	=	Transitional from above. Limestone appears						Milbe	31.0500	ביו ברות כיו
		to be more spotty and occurs in thicker								
		bands than above. Minor calcite veining.							7 7 11	
		Chair abover the sale of the verifies	·							1 1
<u> </u>					1					
29.2	30.8	Limestone: pale grey, finely crystalline,			1					
		with minor dolostone whisps, bands and								
		stringers throughout.								1
		DEL LINGUES CITTOUGHOUGE		<u> </u>						
					 				`	1

DIAMOND DRILL RECORD

HOLE No: 79-5

PAGE Nº:

A02 112

F00	TAGE		SAMPLE	F00	TAGE						
from	to	DESCRIPTION	Νō	from	to	LENGTH			:		
30.8	31.7	Spotted Dolostone: medium grey, finely									
		crystalline dolostone with pale grey									
		blebs of limestone, many almost spherical,									
		most ovoid.									
·											
<u></u>											
31.7	45.5	Limestone: Primarily a medium pale grey									
(limestone with whisps and bands of									
•		medium grey calcarious dolostone. The							****		
· · · · · · · · · · · · · · · · · · ·		amounts of dolostone varies irregularly									
		through the section but does not exceed						•			ļ
		30% in any portion. Minor laminations									
		\sim 80 $^{\circ}$ to the core axis, Pyrite L1%, and								ļ	
		minor calcite veining arecalso present.									
											ļ
45.5	46.5	Finely Interbedded Dolostone and Limestone	<u> </u>								ļ
· · · · · · · · · · · · · · · · · · ·		bedding planes ~80° to the core axis.			1						ļ
		medium grey, finely crystalline dolostone									
		~ 60% - pale grey, finely crystalline									
L		Limestone \sim 40% - Pyrite Ll%.			1						
											ļ
46.5	49.8							····			
		crystalline, with whisps and bands of									
		dolostone in irregular patterns, -minor						I.	LERAL I		↓ poa-
		stylolites, Pyrite L 1%.									
											
19.8	56.6	Finely Interbedded Dolostone and			ļ						
		Limestone: bedding planes \sim 85 $^{\circ}$ to									
		the core axis. Medium grey, finely									
		crystalline dolostone ~ 70%-pale grey,			ļ						
		finely crystalline limestone ~30%,								ļ	<u> </u>
		Pyrite L 1%.	[l	

DIAMOND DRILL RECORD

HOLE No: 79-5

L	o DESCRIPTION 69.7 Dolostone: medium grey, finely crystall: with minor amounts of limestone and white	SAMPLE Nº ine	FOO from	TAGE to	LENGTH	
	9.7 Dolostone: medium grey, finely crystall: with minor amounts of limestone and white			1		
	with minor amounts of limestone and white					
		e				
	dolostone - minor birds eye texture.					
59÷7 7	74.8 Dolostone: transitional from above, pale	<u> </u>				
	grey, finely crystalline, sucrosic with	ì				
(white dolostone as birds eyes and random					
	veins, no major breccia textures, no			<u> </u>		
	mineralization.			-		
				ļ		·
			ļ			
	END OF HOLE		ļ	ļ		·
				ļ		
r						·
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						The state of the s
(

DIAMOND DRILL RECORD

HOLE NO : 79-4

AZIMUTH : 044°

PROPERTY: Shag 8652

DIP: 690

LENGTH : 238' 73.2 m

ELEVATION : 1896 m

Claim No.: Shaq 4

STARTED: 10 Oct 79

CORE SIZE : BQ

DATE LOGGED: 14 Oct 79

SECTION:

COMPLETED: 13 Oct 79

LOCATION : 4610S - 325E

DIP TESTS :

LOGGED BY : B.H. Whiting

PURPOSE: Testing C-4 horizon Mineralization

CONTRACTOR: Canadian Longyear

F00	TAGE	DECODINE	SAMPLE	F00	TAGE	LENGTH					
from	to	DESCRIPTION	Nδ	from	to	LENGTH					
										ļ	
0	2.15	Overburden				-		•			
2.15	7.08	Dolostone: finely crystalline, pale grey						·			
		sucrosic, uniform, no mineralization									
		present.					:	:			
							-				
7.08	58.8		! 	<u> </u>	<u> </u>	<u> </u>	 		 	-	
		breccia (perhaps tectonic?) white sparry			ļ	-	 ļ			-	
	ļ	dolomite as open space filling and vein-	 				 				
		lets.	<u> </u>								
		The following intervals are brecciated									7
		with red and honey coloured sphalerite								~~ * * * * * * * * * * * * * * * * * *	
		entering the system after the white					M		gradient en		
		sparry dolomite. Some pieces indicate						A Brown		K.	
		possible collapse. Samples possessing									
		Galena are noted. Pyrite Ll%. The									
		remaining portion is dolostone with light							-		
		and medium grey whispy bands. (bedding?)					<u> </u>				
		\sim 60 to the axis of the drill core.									
		Minor amounts of barren breccia, and									

DIAMOND DRILL RECORD

HOLE No: 79-4
PAGE No: 2

FOOTAGE m SAMPLE FOOTAGE LENGTH DESCRIPTION Αq Pb Zn CdΝO from to from g/tonne % 용 용 calcite veining are present. Intervals with Sphalerite Mineralization occasionally up to 2% C-30204 7.15 7.69 0.54 8.57 t0.01 1.02 T.O. 01 7.15 - 7.69 0.77 6.86 L0.01 2.32 8.00 - 8.778.00 8.77 0.01 9.08 9.54 0.46 8.91 0.01 4.50 0.01 9.08 - 9.540.3 4.11 10.01 1.30 10.01 10.5 - 10.8 10.5 10.8 2.8 | 3.77 L0.01 | 1.22 11.4 - 14.2 T.O. 01 11.4 14.2 0.3 | 5.49 | 0.01 | 2.31 L0.01 15.1 - 15.4 15.4 15.1 16.3 - 16.9 Galena 16.3 16.9 0.6 | 4.80 | 0.01 | 1.75 | L0.01 0.7 3.77 L0.01 0.75 L0.01 17.5 - 18.2 8 17.5 18.2 19.5 - 19.8 Galena 19.5 19.8 8.57 1.47 4.60 0.3 Remaining intervals do not exceed 1% Sphalerite. 20.3 - 20.621.5 - 22.522.8 - 22.924.5 - 24.926.0 - 27.728.0 - 30.2non mineralized portion shows minor laminations and shaly partings, \sim 20° to axis of core. 33.8 - 35.1 38.3 - 38.940.4 - 40.343.1 - 43.4 non mineralized portion shows minor laminations and shaley parting.

DIAMOND DRILL RECORD

HOLE Nº: 79-4
PAGE №: 3

F00	TAGE	DECORPORTION	SAMPLE	F001	TAGE	LENGTH						
from	to	DESCRIPTION	NΩ	from	to	LENGIH						
		55.1 - 55.2										
		56.6 - 57.1										
		57.7 - 57.8										
		58.6 - 5858 Galena										
		End of Sphalerite Mineralization										
ſ												
58.8	73.2	Dolostone: finely crystalline, light and										
-=	· · · · · · · · · · · · · · · · · · ·	Dolostone: finely crystalline, light and medium grey whispy bands and occasional										
		minor laminations with shaley parting										
		minor laminations with shaley parting, Barren except for minor Pyrite L 1%.										
		7,2200 2 201							Е			
					 		····					
		End of Hole										
		Ind Or Hore		*								
		Casing Left in Hole	1									
		040-115 10-10 110-10	1									1
											1	
										 		+
							-			 		
										+	 	
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DIAMOND DRILL RECORD

ELEVATION

HOLE NO : 79-1

AZIMUTH: 322°

PROPERTY: Shag - 8652

DIP: 70°

LENGTH: 423'-128.8m

:1,826 m

Claim No.: Shag 4

STARTED: Sept 22/79

. LOCATION : 4600S - 90E

CORE SIZE : BQ

DATE LOGGED : Oct 11/79

SECTION:

COMPLETED :

Sept 26/79

DIP TESTS :

LOGGED BY : B.H. Whiting

PURPOSE :

Testing C4-horizon Mineralization

CONTRACTOR: Cdn. Longyear

FOO	TAGE M		SAMPLE	F00	TAGE	. 5.4.05				
from	to	DESCRIPTION	NΩ	from	to	LENGTH				-
0	3.3	Overburden				 				
3.3	8.5	Calcarious Dolostone: finely crystalline,								
		medium grey, minor vugs infilled with								
	-	sparry white dolomite, occasional				ļ			-	ļ
		stylolites, Pyrite in blebs Ll%, some								ļ
		minor shears have a clay like mineral-			ļ					
<u> </u>		Kaolinite (?)	, , , , , , , , , , , , , , , , , , , ,							ļ
8.5	9.7	Dolomitic Limestone: very finely crystall-								
		ine, medium grey, faint mettled texture;								
······································		stylolites, Pyrite Ll%.			ļ					ļ
9.7	13.7	Interbedded Limestone and Dolomitic Lime-			<u> </u>					
		stone: transitional from above, dolomitic								
		limestone is medium grey, limestone is								-
		pale with limestone forming the boudins.	···	ļ			 		ببدسمجاء	Ц
		Pyrite = 1%								II
								44		-
13.7	15.5	Dolomitic Limestone: medium grey, finely				ļ <u>.</u>				
		crystalline, very high porosity, open vugs				 	NA		+6-1	\
	 	lined with calcite crystals, occasional				 				7
	1	calcite veining up to lcm thick	l	L		<u> </u>				

DIAMOND DRILL RECORD

HOLE No: 79-1

PAGE Nº:

2

F00	TAGE m		SAMPLE	F00	TAGE						
from	to	DESCRIPTION	NΩ	from	to	LENGTH			,		
15.5	21.3	Calcarious Dolostone: pale grey transi-									
- 		tional to a medium grey, faint mottled									
· · · · · · · · · · · · · · · · · · ·		texture, minor birdseyes, some open									
-		vugs.									
			į								
21.3	23.1	Limestone: finely crystalline, pale									
		grey with irregular medium grey dolomitic									
<u>r </u>		limestone stringers and blebs, Pyrite									
		Ll%.									
23.1	24.4	Interbedded Limestone and Dolomitic						•			
		Limestone: dolomitic limestone is medium									
		grey, limestone is pale grey, finely						• •			
		laminated, boudinage with limestone									
		as the boudins, Pyrite = 1%									
								<u> </u>			
24.4	25.9	Limestone: finely crystalline, pale grey									<u> </u>
		with irregular medium grey dolomitic									
		limestone stringers and blebs high									<u> </u>
		velocity environment - almost a breccia									
<i>7</i>		appearance, Pyrite Ll%.									
L											
25.9	29.2	Limestone and Dolomitic Limestone:									
		Transitional from above, finely crystall-									
		ine, occasionally interbedded but often									
		disturbed, finely laminated.									
29.2	32.3	Interbedded Limestone and Dolomitic						<u> </u>			79
		Limestone: finely crystalline, well	,					1 1 1			
(bedded in intervals 2 cm, finely									
		laminated. Pyrite LL1%.							K/	. 7	
									M		
32.3	34.4	Limestone: finely crystalling, pale						N			
		grey with dolomitic limestone stringers									
		and blebs, one 10 cm interval of inter-									

DIAMOND DRILL RECORD

HOLE	NΩ:	7	9	_	1	
------	-----	---	---	---	---	--

FOOT	rage m	25020071011	SAMPLE	FOO	TAGE	FNOTU					I
from	to	DESCRIPTION	NΘ	from	to	LENGTH					ı
		bedding at 32.9 m, Pyrite Ll%.	-								
		200000000000000000000000000000000000000									
34.4	36.7	Interbedded Limestone and Dolomitic Lime-									
		stone: dolomitic, limestone is medium									
		grey, limestone is pale grey, finely									
		uniform with minor boudinage structures,						:			
		Pyrite Ll%.									
•											
36.7	41.2	Limestone: finely crystalline, medium									
		grey with dolomitic limestone stringers -									<u> </u>
		some appear almost stylolitic.						•			İ
		;					,				İ
41.2	43.9	Interbedded Limestone and Dolomitic									
		Limestone: dolomitic limestone is medium									
		grey, limestone is pale grey, finely cry-									
		stalline, finely laminated, fairly uniform									
-		with minor boudinage structures, Pyrite									
		Ll%.									
43.9	45.1	Limestone: finely crystalline, medium gre	7.						`		
		with dolomitic limestone stringers - some									
		appear almost stylolitic, minor recrysta-									
		llized calcite.									
								·			
45.1	47.2	Interbedded Limestone and Dolomitic									
		Limestone: dolomitic limestone is medium									
		grey, limestone is pale grey, finely								bin	
		crystalline, fairly uniform, finely								0.0	<u> </u>
		laminated, minor load casts, Pyrite Ll%.									
(
47.2	48.7	Limestone: finely crystalline, medium									
		grey, with dolomitic limestone stringers									
		and blebs, Pyrite Ll%.									
48.7	50.2	Interbedded Limestone and Dolomitic				1			1	1	

DIAMOND DRILL RECORD

HOLE NO: 79-1

FOOT	AGE m	DECORPORTION	SAMPLE	F00	TAGE	LENGTH				
from	to	DESCRIPTION	Νō	from	to	LENGIH				
		Limestone: dolomitic limestone is								
		medium grey, finely crystalline, laminated								
		& fairly uniform with minor boudinage								
		structures, Pyrite Ll%.								
50.2	50.5	Limestone: finely crystalline, medium								
		grey with dolomitic limestone stringers								
	_	and blebs, Pyrite Ll%.								
50.5	55.2	Interbedded Limestone and Dolomitic								
		Limestone: dolomitic limestone is					•			
		medium grey, limestone is pale grey,								
		transitional from above, finely crystall-								
		ine, laminated, fairly uniform with								
		minor boudinage structures, Pyrite L1%.								
								,		
55.2	56.4	Limestone: finely crystalline, medium								
		grey with dolomitic limestone stringers			· .					
		and blebs, Pyrite Ll%.								
6.4	57.0	Interbedded Limestone and Dolomitic								
•		Limestone: dolomitic limestone medium								
		grey, limestone is pale grey, finely								ļ
		crystalline, fine laminations, fairly								ļ
		uniform with minor boudinage structures,						_		
		Pyrite Ll%.								
							1.		tom e	
57.0	61.5	Limestone: finely crystalline, medium								
		grey with dolomitic limestone stringers -								
		some appearing almost stylolitic, minor						Y		
		recrystallized calcite.								
61.5	62:7	Interbedded Limestone and Dolomitic								
	· · · · · · · · · · · · · · · · · · ·	Limestone: transitional from above,								
		dolomitic limestone is medium grey,								

DIAMOND DRILL RECORD

HOLE No: 79-1

5

PAGE No:

FOOTAGE M SAMPLE FOOTAGE LENGTH DESCRIPTION ΝQ from from to limestone is pale grey, finely crystalline, laminated, minor boudinage structures. 62.7 63.9 Limestone: finely crystalline, medium grey with dolomitic Limestone stringers and blebs, Pyrite Ll%. 64.8 3.9 Interbedded Limestone and Dolomitic Limestone, transitional from above, dolomitic limestone is medium grey, limestone is pale grey, finely crystalline, laminated, minor boudinage structures. 64.8 65.7 Limestone: finely crystalline, medium grey, with dolomitic limestone stringers and blebs, Pyrite Ll%. 65.7 67.9 Interbedded Limestone and Dolomitic Limestone: dolomitic limestone is medium grey, limestone is pale grey, finely crystalline, laminated, fairly uniform with minor boudinage structures, Pyrite Ll%. Limestone: finely crystalline, pale grey, 67.9 68.8 fairly uniform massive, Pyrite = 2%. Limestone: finely crystalline, pale grey 68.8 79.4 with occasional dolomitic limestone beds, sutures, and blebs. 79.4 80.9 Limestone Breccia: finely crystalline, pale grey limestone as fragments in a medium grey dolomitic limestone matrix. Style of brecciation varries between

DIAMOND DRILL RECORD

HOLE Nº: 79-1

F00°	TAGE M	DECODISTION	SAMPLE	F00	TAGE	LENGTH			
from	to	DESCRIPTION	Νō	from	to	LENGTH			
		crackle and Rubble (collapse?) Pyrite Ll%.							
80.9	81.7	Interbedded Limestone and Dolomitic							
		Limestone: transitional from above,						·	
		dolomitic limestone is medium grey,							
		limestone is pale grey, finely laminated,							
		minor boudinage structures. A minor							
<i>[</i>		left slip fault cuts this section with							
		a displacement of 2 mm - vertical to core.							
81.7	83.4	Limestone and Limestone Breccia: finely					•		
		crystalline, pale grey with dolomitic			ļ				
		limestone stringers and blebs, some							
		portions are transitional into limestone							
· · · · · · · · · · · · · · · · · · · 		breccia - collapse?							
				ļ. <u></u>			<u> </u>		
83.4	85.6	Interbedded Limestone and Dolomitic	·						
		Limestone: as above (no fault)							
				_					
85.6	91.8	Limestone: finely crystalline, medium							
[grey with dolomitic limestone stringers			ļ				
<u> </u>		and blebs, Pyrite Ll%.							
91.8	93.0	Interbedded Limestone and Dolomitic							
		Limestone: as above, Pyrite Ll%.							
93.0	93.9	Limestone: finely crystalline, pale					200000	R.D.S 1.17	
		grey, fairly uniform massive, PY = 1%						AG	1
3.9	94.6	Interbedded Limestone and Dolomitic					77		
		Limestone: finely crystalline, medium							
		and pale grey, finely laminated, minor							
		boudinage structures, Pyrite Ll%.							
94.6	95.7	Limestone: finely crystalline, medium			<u> </u>				

DIAMOND DRILL RECORD

HOLE No: 79-1

F001	TAGE m	DECODURTION	SAMPLE	F001	TAGE	LENGTH				
from	to	DESCRIPTION	Νō	from	to	LENGTH				
114		grey with dolomitic limestone stringers								
		and blebs, Pyrite Ll%.								
			-							
95.7	97.6	Interbedded Limestone and Dolomitic								
<u> </u>		Limestone: finely crystalline, well								
		bedded in intervals 2 cm, finely								
		laminated, Pyrite LL 1%.		1				1		
<u> </u>		raminated, rylice dd 10.				 		 	†	
97 6	101.5	Limestone: finely crystalline, pale		 			 		<u> </u>	
27.0	1 101.5	grey, fairly uniform massive, minor		ļ					<u> </u>	
		crenulations, Pyrite = 1%.				-				
		cremutations, rylite - 18.		 						
101.5	102.4	Interbedded Limestone and Dolomitic	, <u>, -</u>	ļ		-	<u> </u>			<u> </u>
101.5	102.4									
		Limestone: finely crystalline, pale						_	 	
		and medium grey, finely laminated,	· · · · · · · · · · · · · · · · · · ·							
		minor boudinage structures, Pyrite L 1%.		ļ						ļ
				 		_	 		1	
102.4	104.4	Limestone: finely crystalline, medium				_	 			
.,		grey with dolomitic limestone stringers	4.4	 			 		ļ	-
		and blebs, Pyrite L 1%.						 	-	
				ļ		_				ļ
104.4	105.5	Calcarious Dolostone: medium crystalline	<u></u>	ļ			 	ļ	ļ	ļ
		medium grey, sucrosic, massive, minor					 			ļ
		stylolites, Pyrite L 1%.					 			
							 			<u> </u>
105.5	109.8	Limestone: finely crystalline, pale					 	IV.		-
		grey, partly massive, partly dolomitic	<u></u>					هه 📗		
		limestone forming a mottled texture,							· V	
		Pyrite L 1%.								
[
109.8	112.8	Calcarious Dolostone: medium crystalline,								
		medium grey, high permeability, some								
		vuqs lined with calcite - no mineraliza-								
	 	tion present.								
					 	-1		1		

DIAMOND DRILL RECORD

HOLE Nº: 79-1
PAGE №:

FOOTAGE M To DESCRIPTION SAMPLE FOOTAGE From to LENGTH 112.8 119.7 Dolostone: medium crystalline, medium grey, sucrosic, massive, occasional calcite veining and vugs, Pyrite L 1%. 119.7 121.9 Dolostone: finely crystalline, medium grey, sucrosic, massive, minor white dolostone, Pyrite L 1%. 121.9 122.0 Dolostone: finely crystalline, medium grey, sucrosic, porous, one large vug contains sparry dolomite crystals.	
112.8 119.7 Dolostone: medium crystalline, medium grey, sucrosic, massive, occasional calcite veining and vugs, Pyrite L 1%. 119.7 121.9 Dolostone: finely crystalline, medium grey, sucrosic, massive, minor white dolostone, Pyrite L 1%. 121.9 122.0 Dolostone: finely crystalline, medium grey, sucrosic, porous, one large vug contains sparry dolomite crystals.	
grey, sucrosic, massive, occasional calcite veining and vugs, Pyrite L 1%. 119.7 121.9 Dolostone: finely crystalline, medium grey, sucrosic, massive, minor white dolostone, Pyrite L 1%. 121.9 122.0 Dolostone: finely crystalline, medium grey, sucrosic, porous, one large vug contains sparry dolomite crystals.	
grey, sucrosic, massive, occasional calcite veining and vugs, Pyrite L 1%. 19.7 121.9 Dolostone: finely crystalline, medium grey, sucrosic, massive, minor white dolostone, Pyrite L 1%. 21.9 122.0 Dolostone: finely crystalline, medium grey, sucrosic, porous, one large vug contains sparry dolomite crystals. 22.0 128.8 Dolostone: finely crystalline, pale grey, sucrosic, massive, minor calcite	
calcite veining and vugs, Pyrite L 1%. 19.7 121.9 Dolostone: finely crystalline, medium grey, sucrosic, massive, minor white dolostone, Pyrite L 1%. 21.9 122.0 Dolostone: finely crystalline, medium grey, sucrosic, porous, one large vug contains sparry dolomite crystals.	
grey, sucrosic, massive, minor white dolostone, Pyrite L 1%. 121.9 122.0 Dolostone: finely crystalline, medium grey, sucrosic, porous, one large vug contains sparry dolomite crystals. 122.0 128.8 Dolostone: finely crystalline, pale grey, sucrosic, massive, minor calcite	
grey, sucrosic, massive, minor white dolostone, Pyrite L 1%. 121.9 122.0 Dolostone: finely crystalline, medium qrey, sucrosic, porous, one large vug contains sparry dolomite crystals. 122.0 128.8 Dolostone: finely crystalline, pale qrey, sucrosic, massive, minor calcite	
grey, sucrosic, massive, minor white dolostone, Pyrite L 1%. 121.9 122.0 Dolostone: finely crystalline, medium grey, sucrosic, porous, one large vug contains sparry dolomite crystals. 122.0 128.8 Dolostone: finely crystalline, pale grey, sucrosic, massive, minor calcite	
dolostone, Pyrite L 1%. 121.9 122.0 Dolostone: finely crystalline, medium grey, sucrosic, porous, one large vug contains sparry dolomite crystals. 122.0 128.8 Dolostone: finely crystalline, pale grey, sucrosic, massive, minor calcite	
121.9 122.0 Dolostone: finely crystalline, medium grey, sucrosic, porous, one large vug contains sparry dolomite crystals. 122.0 128.8 Dolostone: finely crystalline, pale grey, sucrosic, massive, minor calcite	
grey, sucrosic, porous, one large vug contains sparry dolomite crystals.	
grey, sucrosic, porous, one large vug contains sparry dolomite crystals. 122.0 128.8 Dolostone: finely crystalline, pale grey, sucrosic, massive, minor calcite	
contains sparry dolomite crystals. 122.0 128.8 Dolostone: finely crystalline, pale grey, sucrosic, massive, minor calcite	
122.0 128.8 Dolostone: finely crystalline, pale grey, sucrosic, massive, minor calcite	
grey, sucrosic, massive, minor calcite	
grey, sucrosic, massive, minor calcite	
and vugs, Pyrite L 1%.	
END OF HOLE	
Maria de la companya	
	

DIAMOND DRILL RECORD

HOLE NO : 79-2

AZIMUTH :285°

PROPERTY: Shag 8652

DIP: 60°

LOCATION :

LENGTH: 182' - 56 m

: 1956 m

Claim No.: Shag 4

STARTED: Sept 28/79

CORE SIZE : BQ

DATE LOGGED : Oct 11/79

ELEVATION

SECTION:

COMPLETED: Sept 29/79

DIP TESTS :

LOGGED BY : B.H. Whiting

PURPOSE: Testing C4-horizon Mineralization

4370s - 270W

CONTRACTOR: Canadian Longyear

F00°	TAGE		SAMPLE	F00	TAGE						
from	to	DESCRIPTION	NΩ	from	to	LENGTH					
0	3.07	Overburden									
3.07	5.54	Loose Rock and Debris: primarily Limes									
		stone.									
							 		ļ		
5.54	8.00	Interbedded Calcarious Dolostone and									
		Limestone: calcarious dolostone is									
		medium grey, limestone is light grey,									
		finely crystalline, soft sediment deforma-									
		tion, occasional boudinage with limestone					 				
		as the boudins, fine laminae.									
										ļ	
8.00	9.54	Limestone: finely crystalline, pale grey									
		with stylolites and irregular dolomitic						1			5 f f 7 gg
		limestone stringers and blebs.									
9.54	9.85	Interbedded calcarious Dolostone and									
		Limestone: similar to above but without									
		boudinage. Laminations are \sim purpendicula	<u> </u>					110			
		to the core axis					 				
				<u></u>							
						<u></u>	 <u> </u>				

DIAMOND DRILL RECORD

HOLE No: 79-2

FOC	TAGE	05000:5710	SAMPLE	FOO	TAGE	I ENOT:			
from	to	DESCRIPTION	Νō	from	to	LENGTH			
9.85	11.4	Limestone: finely crystalline, pale grey							
	,	with minor styolites and calcite veining.						_	
11.4	12.5	Calcarious Dolostone: finely crystalline			 				
TT • 4	12.5	medium grey, uniform, possessing minor		 					
	-	calcite veining.	<u> </u>	 				 	
····		carcite verning.			-				
(
12.5	15.1	Limestone: finely crystalline, pale					 		
		grey with stylolites and irregular						<u> </u>	
	ļ	dolomitic limestone stringers and blebs			 		 	 	
	ļ	approaching an interbedded texture in							
		places, Pyrite L 1%.	<u>. </u>		<u> </u>		••		
15.1	16.0	Calcarious Dolostone: finely crystalling					 		
		medium grey, uniform, possessing minor							
		calcite veining.							
16.0	17.2	Limestone: finely crystalline, pale grey							
		with styolites and dolomitic limestone		ļ					
		stringers and blebs.						•	
V									
17.2	19.2	Calcarious Dolostone: finely crystalline,					1.5		
,		medium grey, possessing minor veins and					ļ		
		birds eye texture with white calcite.	<u> </u>		ļ				
(
19.2	20.0	Limestone: finely crystalline, pale grey							
		with styolites and irregular dolomitic					 		
		limestone stringers and blebs approaching			ļ <u>.</u>				
		an interbedded texture in places,		-	-		 	-	-
		Pyrite L 1%.	L	<u> </u>	<u> </u>			1	<u> </u>

DIAMOND DRILL RECORD

HOLE Nº: 79-2

F00	TAGE	DECORPORA	SAMPLE	F00	TAGE	. = 1.0=:					
from	to	DESCRIPTION	Νō	from	to	LENGTH					
_20.0	28.6	Dolostone: finely crystalline, medium									
		grey, uniform, minor birds eye texture									
		in top portion.			ļ						
											<u> </u>
					ļ						
28.6	34.2	Dolostone: transitional from above with								ļ	ļ
-		an increase in calcite veining and general			<u> </u>					ļ	
		porosity. Some portions verge on crackle									
	 	breccia.				 					
									-		
	ļ				 				-	ļ	
34.2	35.4	Dolostone: very finely crystalline, pale				_			-	ļ	
		cream white (appears almost like chert),			 				 	-	
		uniform, irregularly fractured core.		ļ							
	<u> </u>				 						
~~ .	1 2 2										
35.4	36.0	Dolostone: transitional from above but showing a pale grey mottling.								<u> </u>	
	 	Showing a pare grey moccring.	<u> </u>		 				·		
36.0	36.9	Dolostone: finely crystalline, dark grey,									
	30.7	with white dolostone fracture and vug			 				 	<u> </u>	
		fillings.								 	
				-					***		
36.9	39.1	Dolostone: very finely crystalline, pale					1	1			
		cream white with a pale grey mottled									
		appearance.			1					V	
									*		
39.1	40.9	Dolostone: transitional from above, very									
			 1 11	:							
·		uniform, irregularly fractured.									
										·	

DIAMOND DRILL RECORD

HOLE NO: 79-2

PAGE Nº:

FOOTAGE SAMPLE FOOTAGE LENGTH DESCRIPTION ΝO from to from 40.9 41.2 Dolostone Breccia: medium grey dolostone fragments 1 cm size supported by a white dolostone matrix. Rubble breccia. 41.2 43.1 Dolostone: very finely crystalline, pale cream, uniform dolostone which gradually becomes more greyish with depth until it is a medium grey, finely crystalline dolostone. 43.1 45.8 Minorly Brecciated - Zebroid dolostone: medium grey pale grey and white dolostone showing a poorly developed zebra texture. Some large calcite vug fillings are present. 45.8 54.5 Dolostone: very finely crystalline. pale grey, relatively uniform with minor vugs and calcite. Irregularly fractured Core for the upper portion. 54.5 56.0 Dolostone: transitional from above. medium grey, finely crystalline, partly crackle brecciated. Calcite is the primary open space filling. END OF HOLE.

ELEVATION

DIAMOND DRILL RECORD

HOLE NO: 79-3

AZIMUTH: 020°

LOCATION: 4150s - 600W

PROPERTY : Shag - 8652

DIP: 60°

LENGTH : 293'-89.2 m

: 2,060 m

Claim No.: Shag 4

STARTED: 3 Oct 79

CORE SIZE : BQ

DATE LOGGED: 15 Oct 79

SECTION:

COMPLETED: 5 Oct 79

DIP TESTS :

LOGGED BY : B.H. Whiting

PURPOSE : Testing C4-horizon Mineralization

CONTRACTOR: Canadian Longyear

F00	TAGE		SAMPLE	F00	TAGE						
from	to	DESCRIPTION	Νō	from	to	LENGTH					
0	5.4	Overburden		ļ							ļ
	 								<u> </u>		
5.4	9.1	Interbedded Limestone and Mudstone:								-	
		bedding angle $\sim 20^{\circ}$ to core axis.									
		Limestone is medium grey, very finely									
		crystalline, mudstone is medium brown									
		earthy, shale like parting occurs parallel									
		to the laminations. Minor calcite veining	•								
									ļ		
9.1	10.3	Limestone: very finely crystalline, pale									
		grey, exhibiting delicate convolutions									
		(?) and lamellae, minor brownish red									
		mudstone as whisps.									
10.0	1							Killing	1	10 C 2 - 2 2	HEIGH
10.3	11.0	Interbedded Limestone and Mudstone: as					<u> </u> `				
		above.	 		 						
										1	
11.0	12.5	Limestone: very finely crystalline, mediu	n								
		grey, finely laminated with shale like									

DIAMOND DRILL RECORD

HOLE Nº: 79-3
PAGE №:

FOOTAGE SAMPLE FOOTAGE LENGTH DESCRIPTION to NΩ from from parting yielding shiny surfaces. 12.5 13.7 Limestone: very finely crystalline, pale grey, delicate convolutions and lamellae, minor brownish red mudstone as whisps. 13.7 14.4 Limestone Transitional to Interbedded Limestone and Mudstone: very finely crystalline, medium grey limestone with shale like partings, mudstone is a medium brown and earthy. 14.4 15.2 Limestone: very finely crystalline, medium grey, delicate convolutions and lamellae, minor brownish red mudstone as whisps. 15.2 Interbedded Limestone and Mudstone: 15.5 Limestone is medium grey and very finely crystalline, mudstone is medium brown and earthy, shale like partings occur parallel to the laminations, minor crackle veining. 15.5 Limestone: transitional from above very finely crystalline, medium grey, finely laminated with shale like partings yielding shiny surfaces.

DIAMOND DRILL RECORD

HOLE NO: 79-3

FOOTAGE		DECORPOTION	SAMPLE	FOOTAGE		4.50.00				
from	to	DESCRIPTION	Иō	from	to	LENGTH				
17.0	17.9	Limestone: transitional from above, very		h	-	-				
		finely crystalline, pale grey, delicate								
		convolutions and lamellae, minor brownish								
		red mudstone, as whisps.				"			1	1
			,							
7.9	18.9	Limestone: very finely crystalline,								
		medium grey, laminated with shale like	1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4							
		medium grey, laminated with shale like partings yielding shiny surfaces.	4							
18.9	20.1	Limestone: transitional from above,						•		
		very finely crystalline, pale grey,								
		delicate convolutions and lamellae,								
		minor white calcite veining.	11							
						,				
20.1	20.8	Interbedded (?) Limestone and Calcarious								
		Dolostone: pale grey limestone with		1						
		medium grey calcarious dolostone, laminat-								
		ed, deformation of the layering is present								
		\sim 20° to core axis, Pyrite L 1%.								
							,			
		too to the second			:		:			
20,8	22.8	Limestone: transitional from above, very					1 1			
		finely crystalline, pale grey exhibiting								6 3B
		delicate convolutions and lamellae.							1	
					:					
22.8	30.8	Interbedded (?) Limestone and Calcarious								
		Dolostone: as above but with a more				٠,	:			
		mottled appearance.					٠.			
				,	:					

DIAMOND DRILL RECORD

HOLE No: 79-3

FOOTAGE m SAMPLE FOOTAGE DESCRIPTION LENGTH NO from 30.8 32.6 Limestone: very finely crystalline, pale grev, delicate convolutions and lamellae, minor sparry calcite, a small shear has some black gouge material, traces of pyrite. 1116 MI 39.6 Interbedded (?) Limestone and Calcarious 2.6 w took in Dolostone: as above - minor brecciation at 37.8 m. Limestone forms the fragments wall or other with a calcarious dolostone matrix, Pyrite L 1%. Limestone: finely crystalline, pale grey, 39.6 43.6 fine convolutions and lamellae leading to an increase in Calcarious dolostone, portions appearing almost brecciated, Pyrite L 1%. ar institi 43.6 61.2 Dolostone: slightly calcarious, finely LINE SE crystalline, medium grey, uniform, whispy laminations and random calcite veining are also present, Pyrite L 1%. Dolostone: finely crystalline, medium 81.6 61.2 grey with white dolostone veins and open space fillings approaching crackle 91 **5**98555 breccia in places, increase in porosity transitional from above. Where vugs night 12 h are not completely filled there is a Col. salut i calcite coating on the white dolostone. Pyrite L 1%.

DIAMOND DRILL RECORD

HOLE NO: 79-3

FOOTAGE M		Losses	FOOTAGE				1.00		11.15	8.6. 1	1	1	
from	to	DESCRIPTION	SAMPLE Nº	from	to	LENGTH	. #				1		i
			145	Trom	10	_				-			4 -
81.6	83.1	Dolostone: finely crystalline, medium		1!		_					<u> </u>		-
	-	grey, uniform, delicately laminated at 70 to core axis, Pyrite L 1%.		1		!					<u> </u>		
		70 to core axis, Pyrite L 1%.	<u> </u>	ļ	<u> </u>						<u> </u>		4
				1		-:-							
·		1]
83.1	84.0	Dolostone: finely crystalline, medium				i						146 C F 150	Jui.
		grey with white dolostone veins and open			:				<u>.</u>			1855 E	
		space fillings approaching crackle						1			:] .
		breccia. Pyrite L 1%.	!								:		1
			í				•				T		1
				1:	<u> </u>					+	 	+	1
84.0	87.1	Dolostone: finely crystalline, medium			1	-,				1	 	(*:, 1 *	-
	0/.1	grey, uniform, delicately laminated at	 	1		:					-		┨.
					-} -				 	 			4
	 	~70° to the core axis. Minor white	. <u> </u>	 								 	
		dolostone parallel to the laminations.										DOM:	-
			 			-					 	<u> </u>	4
					_ ;		1						↓ .
87.1	88.3	Dolostone: finely crystalline medium	<u> </u>		:						1		1
		grey with white dolomite veins and open			!:	1					<i>†</i>	1100 000] :
		space fillings, transitional from above.					í .					1.3 %	
		Pyrite L 1%.								,			1
						:				;			1
		;			;								1
88.3	89.2	Dolostone: finely crystalline, medium	1								†		1
	09.2	grav uniform deligately laminated at		1					***************************************	<u> </u>	+		1
	-	grey, uniform, delicately laminated at ~70° to core axis, Pyrite L 1%	<u> </u>		- 								1
		7-70 to core axis, Pyrite i 16	1			-		 :					1
			<u> </u>	1		-			\longrightarrow	RA		1	
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		END OF HOLE	, A.	•									ž
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