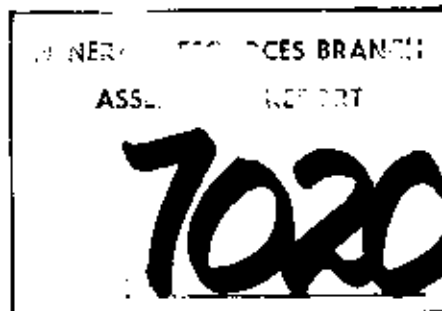


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FAL GROUP ASSESSMENT REPORT

The following report describes the results of drilling diamond drill hole 6430, a 320 metre hole, in the Kimberley area on the FAL 13 mineral claim located in the Fort Steele Mining Division.

The N.T.S. Location is 82 G/12.

Latitude $49^{\circ} 39'$ North.

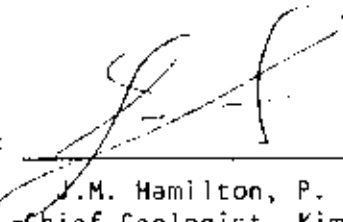
Longitude $115^{\circ} 54'$ West.

Cominco Ltd., owner of the claims, was the operator of the exploration program.

A.S. Hagen is author of this report.

Date of Submission: September 1978.

Endorsed for
Released by :



A handwritten signature in black ink, appearing to read 'J.M. Hamilton', is written over a horizontal line. The signature is stylized and cursive.

J.M. Hamilton, P. Eng.
-Chief Geologist, Kimberley

DETAILED TECHNICAL DATA AND INTERPRETATION

i) Purpose

The purpose of D.D.H. 6430 was to test stratigraphy in the Lone Pine Hill area.

ii) Results

The drill hole intersected Middle Aldridge and Lower Aldridge stratigraphy in fault contact with each other.

iii) Interpretation

0-197 m

Typical Middle Aldridge type sediments ranging from laminated to very thick bedded units of orthoquartzites, quartzwackes, wackes, subwackes and argillites. The whole of this section shows the zone to have undergone moderate to severe disruption. Healed breccias and slump-like beds are common throughout. Fault and/or broken zones were intersected at 29 m, 154-155 m and 190-197 m. No mineralization of significant interest was encountered.

197-318 m

Typical Lower Aldridge type sediment ranging from laminated to medium bedded sediments of wackes, subwackes and argillites. There are no indications of major disturbances within this zone. A spotted alteration effect becomes evident particularly in the dark, very thin to thin beds of the alternating dark-light beds common in Lower Aldridge sediment. Sphalerite blebs in minor amounts occur occasionally.

318-320 m

Gabbro. An alteration effect gives the contact with sediment a gradational appearance. Fine grained gabbro at the contact.

iv) Conclusion

The sudden change from Middle Aldridge to Lower Aldridge type sediment at the apparent fault zone 190-197 m suggests that the sediment has been faulted upwards on the east.

Moderate to severely disturbed bedding noted from the collar to 197 m indicates that this zone has been subject to substantial ground movement.

INTRODUCTION

i) Specific Location

D.D.H. 6430 is located on the southwest flank of Lone Pine Hill, 7.2 km southeast of downtown Kimberley. Access to the site is by way of 7.2 km of gravel road off the main Cranbrook-Kimberley highway 95, at Wycliffe. The hole is collared on private land owned by Mr. Ray Van Steinburg, Wycliffe.

ii) Property Definition

The property being investigated forms part of the Sullivan Mine claim group, owned by Cominco Ltd. Cominco Ltd. has operated the mine for about 71 years. The Sullivan orebody is one of the largest base metal deposits in British Columbia and it has contributed a major proportion of the mineral wealth generated in the province.

iii) One hole is being reported on in this report. D.D.H. 6430 was drilled using H wireline tools, 9.6 cm in diameter, to a depth of 320 metres.

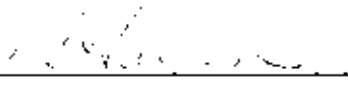
iv) D.D.H. 6430 was collared on the FAL 13 mineral claim.

Author's Qualifications

As author of this report, I, Arthur S. Hagen certify that:

I am employed by Cominco Ltd. as a Senior Geological Technician active in minerals exploration.

I have been continuously engaged in mining and exploration geology for the past 22 years.


A.S. Hagen
Sr. Geological Technician



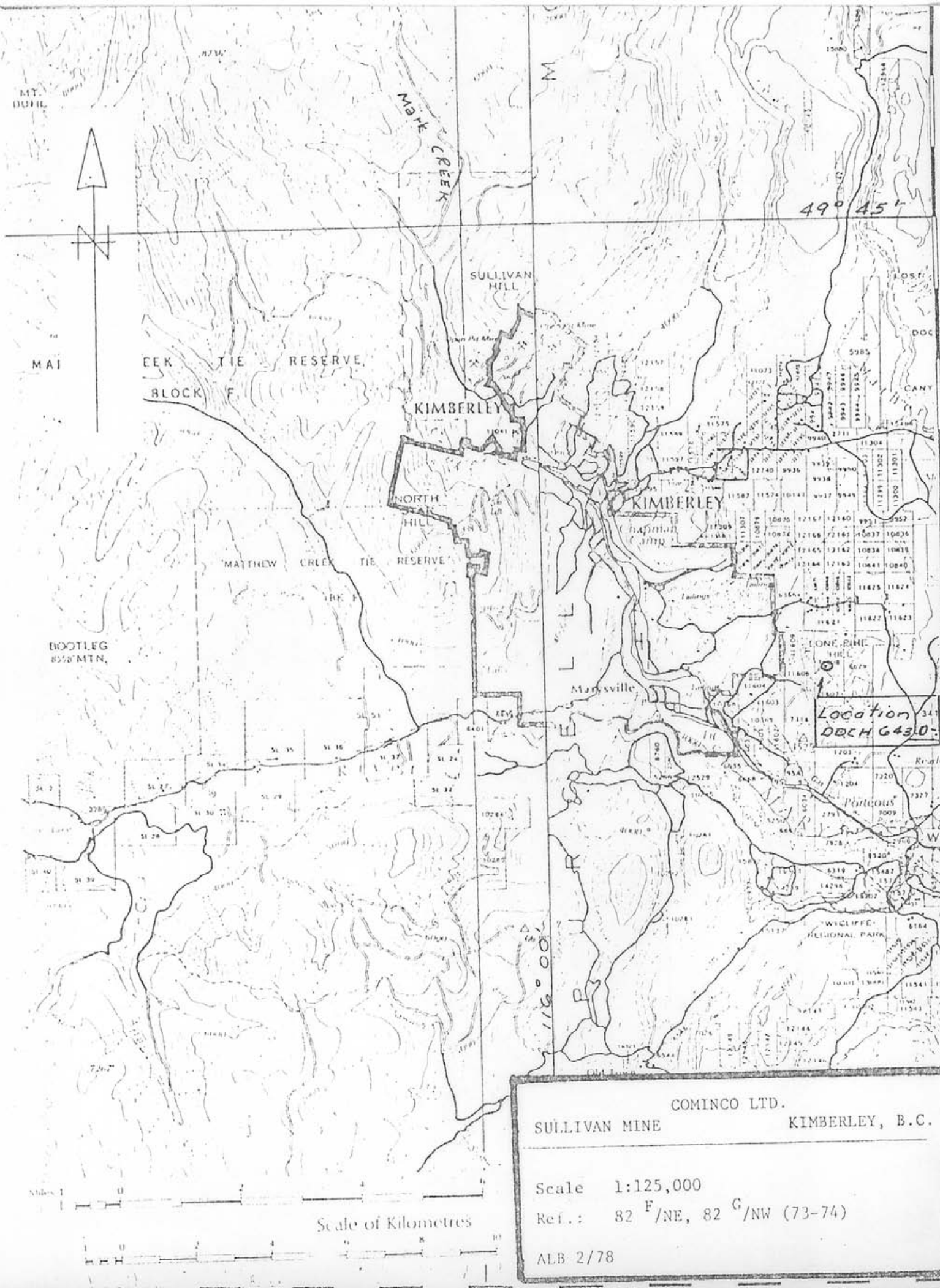
FAL 13 Group

Sullivan Mine

Date of photography

Scale 1 inch to 2000 feet / 1:24,000

Drawing No. 191 - 64



COMINCO LTD.
SULLIVAN MINE
KIMBERLEY, B.C.

Scale 1:125,000
 Ref.: 82^F/NE, 82^G/NW (73-74)
 ALB 2/78

Diamond Drill Geological Log



EST STRATIGRAPHY IN THE LONE PINE HILL AREA Sampled: NIL
 By: A.S. HAGEN Date: AUG.-SEPT. 1978 Composites: NIL

Site: Surface App. Bear: N 30° W App. Dip: -50° Length: 1,050'
 Place: SW Of Lone Pine Hill Reason:

To Feet	Discoid	Description
19.0	Overburden.	
28.0		Thick bedded quartz wackes, variable hardness within beds. Some changes abrupt from quartzitic material to argillite partings. Some fragmentals, lense-like argillaceous clasts. Sphalerite occurrences as small blebs and as fracture fillings. Unconformable, slump-like base at bottom of this section.
31.0		Thinly lam'd. to very thin bedded sed. Beds vary from coarser, lense-like beds in argillite to alternating, dark-light lam'd. SW to very finely lam'd. SW. Ground disturbance indicated by offset beds along tight fractures running parallel to core. Flare structures noted. Ddg. 70° to core.
35.0		Thin bedded sed's., wackes, abrupt changes to thin, lense-like argillite partings, contacts unconformable.
39.5		Thick bedded sed's., wackes, with narrow massive to laminated tops (abrupt changes). Some erratic, turbulence characteristic in bed noted at 39'. Laminations at 36-5'. Beds 70° to core.
47.2		Very thick bedded sed's., graded from QW bases to A tops. (2 beds). Unconformable bases. 1/2" breccia healed fract. at 43' running 10° to core.
54.5		Medium to thick bedded sed., predominantly f.g. QW. Features indicate possible slumping effects.
56.5		Thin bedded sed., erratic very thinly lam'd. sed. within mass. SW-A., possibly slumping.

BED THICKNESS CLASSIFICATION

BEDS	Very Thick Bedded	100 cm
	Thick Bedded	30 cm
LAMINAE	Medium Bedded	10 cm
	Thin Bedded	3 cm
	Very Thin Bedded	1 cm
	Laminated	0.1 cm
	Thin, laminated	

LITHOLOGY ABBREVIATIONS

- QQ - Orthoquartzite
- QW - Quartz Wacke
- W - Wacke
- SW - Sub Wacke
- A - Argillite

Core Size: HQ
 Hole No.: 6430
 Page: 1

Diamond Drill Geological Log



40 Scale
Color Plot & Dips
Ore Classes & Ave

Objective: _____ Sampled: _____

Logged By: _____ Date: _____ Composites: _____

Block: _____ Sect.: _____ Place: _____ App. Bear: _____ App. Dip: _____ Length: _____

From	To	Discard:	Reason:
56.5	57.4		Medium bed, QO. Closely packed, rounded to sub-rounded qtz. grns. Unconformable base.
57.4	68.5		Medium to thick beds, predominantly wackes. Erratic, unconformable features makes some thicknesses vague. Erratic quartz lenses at 59'.
68.5	71.5		Thin to medium beds, graded QW-W-A, beds fragmented and disrupted in part, commonly offset along tight fractures parallelling core.
71.5	75.0		Very thick bed, QW, homogeneous, unconformable base, shattered throughout, healed brecciation effect near base.
75.0	82.0		Thinly lam'd to thin bedded sed. W-SW-A, disrupted beds throughout, beds offset and some fragmented. Upper 3' possible slump fold. Flame structures at 81'. Minor breaks in core at 80' and 82' with groundwater discolouration (buff).
82.0	96.0		Very thick bedded sed., wackes, homogeneous with narrow, mass. to lam'd. partings. Rock discoloured to buff along fractures and at argillaceous zones (ground water effect).
96.0	97.0		Broken core, some indication of gouge and quartz, possible fault zone.

Core Size
HQ
Hole No. 6430
Page 2

Diamond Drill Geological Log



40 Scale

Objective:

Sampled:

Color Plot & Dips

Ore Classes & Aver.

Logged By:

Date:

Composites:

...
...

...	To	Discard:	Reason:
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97.0 98.0 Well shattered QW with 1/4" qtz. filled fract's. @ 45° to core.

98.0 105.5 Medium to thick bedded sediment, QW-W-SW, graded beds. Irregular bases in part, offset along fracture planes 20° to core.

105.5 118.5 Very thick bedded sediment, predominantly QW-W with minor SW laminated partings. Hardness and grain size appears variable throughout beds.

118.5 123.5 Quartz veining in QW-W sediment. Quartz runs irregularly throughout. Some chloritization indicated.

123.5 125.0 Medium bedded sediment, QW-W, graded beds, tops laminated in part, irregular, offset characteristics.

125.0 144.5 Medium-thick bedded sediment, QW-W-SW. Some thicknesses assumed due to irregular, slumped and/or offset character of beds. Some minor brecciation.

144.5 145.7 Brecciated zone. Healed fragments aligned 20° to core in part. Alignment is unconformable with base and tops.

145.7 159.5 Thick bedded sediment, OQ-QW-W, disruptions very evident, some portions resembling breccias. Bottom bed is outstanding OQ.

159.5 164.5 Brecciated zone, some quartz fragments.

Core Size

HQ

Hole No.

6430

Page

3

Diamond Drill Geological Log



40 Scale
Color Plot & Dips Ore Classes & Avar.

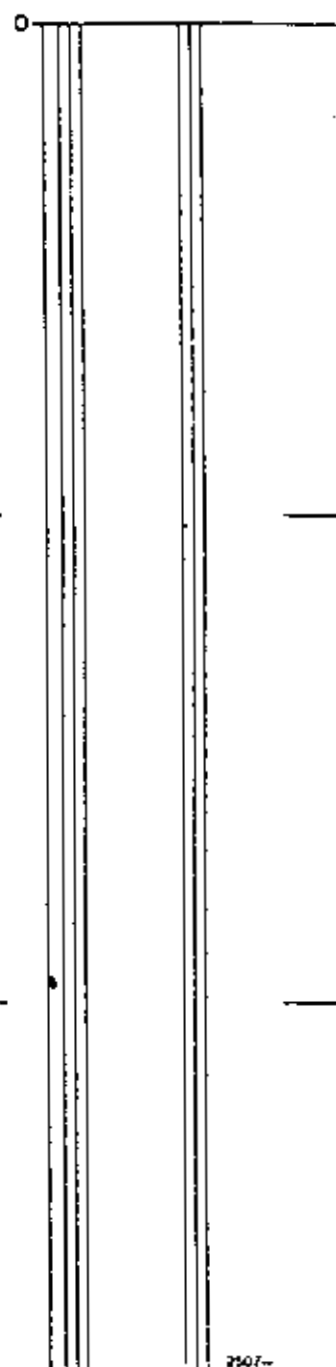
Objective: _____ Sampled: _____

Logged By: _____ Date: _____ Composites: _____

Druck: _____ Sect.: _____ Place: _____ App. Bear: _____ App. Dip: _____ Length: _____

From	To	Discard:	Reason:
179.5	179.3		Medium-thick bedded sediment, W-SW. Offsets along tight fracturing, other irregular contacts common.
184.3	194.5		Very thin-thin bedded sediment, W-SW. Fragments, offsets and disruptions common, some brecciated portions, truncated quartz lenses (1 mm - 1 cm) 30° to core at 185'. Some finely laminated to laminated beds in lower 3'.
194.5	197.0		Quartz vein, well fractured, irregular. Brecciated base (up to 1/2") at 35° to core.
197.0	212.0		Medium-thick bedded sediment, W-SW. Same as from 164.5' - 179.3'.
212.0	216.0		Very thin bedded-thin bedded sediment, S-SW-A, disrupted beds. Some dark, finely laminated zones.
216.0	237.0		Medium-thick bedded sediment, W-SW. Disturbed beds makes definite contacts vague Laminated to finely laminated zone at 219.3'-221.5'. Laminations 65° to core.
241.0	241.7		Very thin bedded-thin bedded, SW-A. Disruptions common.
241.7	243.6		Thinly laminated-laminated beds, W-SW-A, some offset beds. Bdg. 70° to core.
243.6	246.7		Thick bed, QW-W-SW, lower 2' homogeneous.
246.7	253.6		Medium-thick bedded sediment W-SW-A. Some offsets and other irregular features noted. This zone is not as disturbed as previous beds. Bdg. 70° to core.

Core Size
HQ
Hole No. 6430
Page 4



Diamond Drill Geological Log



40 Scale

Objective: _____ Sampled: _____ Color Plot & Dips _____ Ora Classes & Aver. _____

Logged By: _____ Date: _____ Composites: _____

Block: _____ Sect.: _____ Place: _____ App. Bear: _____ App. Dip.: _____ Length: _____

From	To	Discard:	Reason:
253.6	259.0		Laminated-very thin bedded-thin bedded sediment, SW-A. Some offset, fragmented beds
259.0	270.0		Medium-thick bedded sediment, W-SW. Disrupted beds. 2" brecciated contact at 270'.
270.0	284.0		Laminated-very thin bedded-thin bedded sediment, SW-A. Some beds notably disturbed, some fragments and offset beds.
284.0	299.0		Thick bedded sediment, QW-W-SW. Disrupted nature of beds makes actual thicknesses vague. Some lensy and fragmental sections obvious. Carbonate healed shattering in part. Minor pyrite, chalcopyrite and zinc flecks at 294'.
299.0	302.0		Very thin-thin bedded sediment, W-SW-A. Clasts or fragments in some beds.
302.0	314.0		Thin to medium bedded sediment, W-SW-A. Graded beds with some interbeds of massive, med., gry., argillite that is laminated to very thin bedded. Disruptive nature of previous beds not evident through this footage.
314.0	315.0		Thick bed, OQ, topped by 1/4" mass. W. Homogeneous bed with bdg. 45° to core.
315.0	318.0		Thin bedded sediment, W-SW-A. Non-gradational wackes separated by laminated to very thin beds or lenses of massive argillites. Some sub rounded clasts noted.
318.0	321.8		Thick bed, OQ, topped by 2" SW-A with clasts. Base is unconformable and/or offset. Some softer material with fragmented portion near base.

Core Size

HQ

Note No.

6430

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Diamond Drill Geological Log



40 Scale

Objective:

Sampled:

Color Plot & Dips

Ore Classes & Avgr.

Logged By:

Date:

Composites:

Block:

Sect.:

Place:

App. Bear:

App. Dip:

Length:

From	To	Discard:	Reason:
321.8	336.0		Medium-thick bedded sediment, QW-W-SW-A. Beds again displaying disruptive nature with offsets along tight fractures 20° to core such as at 330'.
336.0	350.0		Very disrupted beds, actual thicknesses difficult to determine due to slump-like brecciated appearance (part) of beds. W-SW-A.
350.0	352.0		Thick bed, 00, top and base unconformable. This bed is within the highly disrupted zone as above footage.
352.0	356.0		Same as 336'-350', 4" irregular quartz-calcite vein cutting core at 353', 40° to core. Adjacent 2" zone and slip plane (below) suggests healed plane of movement.
356.0	380.0		Thick-very thick bedded sediment, 00-W-SW-A. Outstanding beds of homogeneous orthoquartzites separated by interbeds laminated in part, ranging from wackes to soft, massive argillite.
380.0	394.5		Thin bedded-medium bedded sediment, W-SW-A. Irregular, unconformable bedding features for most part. Minor amount of laminated to very thin beds at 86' are 60° to core. Some fragmented portions.
394.5	403.0		Medium-thick bedded sediment, W-SW-A. Few laminations at 306', 60° to core. Irregular, unconformable features appear less severe than previous footage.
403.0	406.5		Very thin-thin bedded sediment, W-SW-A. Some laminated interbeds. Minor offsets along tight fracturing 20° to core.

Core Size

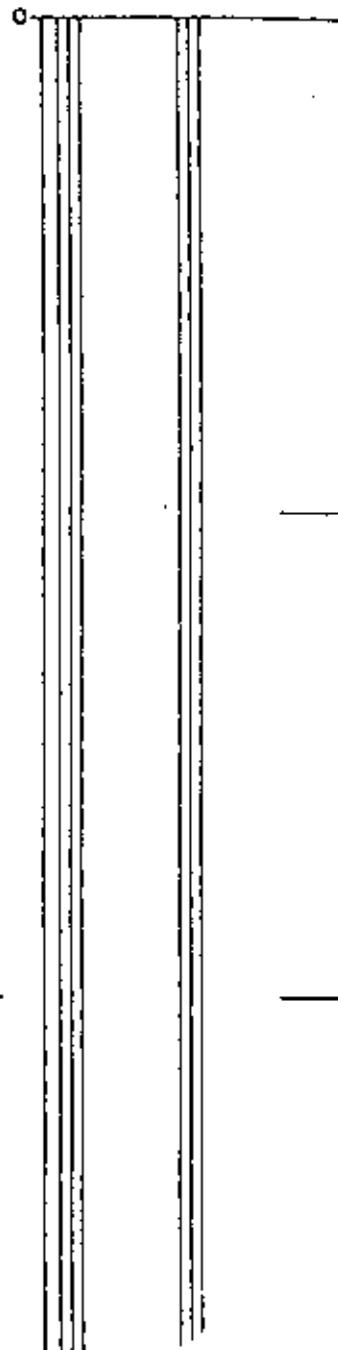
HQ

Hole No.

6430

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Diamond Drill Geological Log



40 Scale

Supervisor:

Sampled:

Color Plot & Dips Ore Classes & Aver.

Run By:

Date:

Composites:

Sect:

Place:

App. Bear:

App. Dip:

Length:

To	Discard:	Reason:
406.5	419.0	Medium-thick bedded sediment, QW-W-SW-A. Graded beds with unconformable contacts. Irregular internal features common (offsets and slump-like characteristics).
419.0	423.0	Very thin-thin bedded sediment, W-SW-A. Disrupted features makes actual bed thicknesses vague in part.
423.0	429.0	Same as 406.5'-419.0'.
429.0	431.5	Same as 419.0'-423.0'.
431.5	451.0	Medium-thick bedded sediment, QW-W-SW. Very disrupted beds for most part with brecciated segments. Thicknesses assumed. Some chloritization noted.
451.0	458.0	Laminated-thin-thin bedded sediment, W-SW-A. 3 finely laminated beds at 456.5'. Conformable beds indicate undisturbed zone. Bedding 70° to core.
458.0	469.5	Medium-thick bedded sediment, QW-W-SW. Unconformable contacts, minor disruptions.
469.5	474.5	Disrupted sediment, breccia-like in part. 3" thinly laminated bed at 473'

Core Size

HQ

Hole No. 6430

Page 7

Diamond Drill Geological Log



40 Scale

Objective: _____ Sampled: _____
 Color Plot & Dips _____ Ore Classes & Aver. _____

Logged By: _____ Date: _____ Composites: _____

Block: _____ Sect.: _____ Place: _____ App. Bear: _____ App. Dip.: _____ Length: _____

From	To	Discard:	Reason:
474.5	505.5		Medium-thick bedded sediment. QW-W-SW. Disrupted fragmented beds throughout. Highly contorted fragment of laminated beds at 501'.
505.5	509.0		Probably fault-zone. Core badly broken with gouge material. Slicksided plane at top of zone cuts core at 75° to core.
509.0	528.0		Very disrupted, fragmented sediment, QW-W-SW-A. Bed thickness range impossible to determine. Well defined healed breccia zone 524'-525'.
528.0	534.0		Very thick bed (?) QW-W. Appears as one continuous, massive section of sediment with some indication of disruption at 530.5' in vague laminations.
534.0	556.0		Same as 509.0-528.0'. Some finely laminated zones. Core is considerably broken from 537' to 546', appears result of numerous fractures from parallel to 60° to core. Does not appear as a major break. Similar breaks 553'-555'.
556.0	560.0		Laminated-very thin bedded-thin bedded sediment, W-SW-A. Disrupted beds but much less severe than previous footage. Thin gouge filled break 1/2" at 560'. Bdg. 80° to core.
560.0	566.0		Broken core, bed thicknesses not clear, W-SW-A. Similar type broken section as 537'-546'.
566.0	578.0		Medium-thick bedded sediment, QW-W-SW-A. Disrupted beds. Some thin, finely laminated beds at 574'.

Core Size

HQ

Hole No.

6430

Page

8

Diamond Drill Geological Log



Objective:

Sampled:

Logged By: _____ Date: _____

Composites:

Block: _____ Sect.: _____ Place: _____ App. Bear: _____ App. Dip.: _____ Length: _____

From To Discard: Reason:

578.0 584.0 Thinly laminated-very thin-thin bedded sediment, W-SW-A. Predominantly argillaceous. Disrupted beds.

584.0 595.0 Thin-medium bedded sediment, W-SW-A. Graded beds, predominantly argillaceous with interbeds of laminated to very thin SW-A. Typical finely laminated interbeds common. Disruptions in beds much less severe than previous footages.

595.0 603.0 Thin-medium bedded sediment, W-SW-A. Graded beds. Some beds show disruptive character (e.g. 600'-602') with shattering and breccia-like features.

603.0 623.0 Medium-thick bedded sediment, QW-W-SW-A. Numerous erratic right fractures, offsets and brecciated portions.

623.0 644.5 Broken zone. Core moderately to severely broken, some result of erratic shatter patterns. Possible faults suggested by gouge and breccia at 629'-632' and 644.0'-644.5'. Thin-medium bedded sediment (assumed). QW-W-SW-A. Finely laminated interbeds common from 633' downwards. 4" laminated section at 642'. Bdg. 50° to core.

644.5 647.5 Breccia, healed fragmental, base 70° to core. 1/2" fine pyrite vein 80° to core at 647'. This breccia appears to be a more severe result of disruptive process which affected beds in previous footages, not a later fault event.

Core Size

HQ

Hole No.

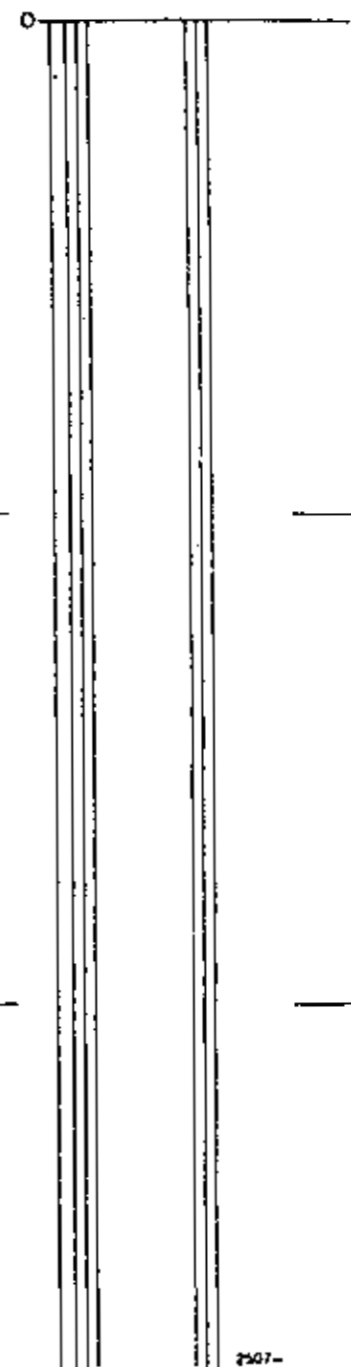
6430

Page

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40 Scale

Color Plot & Dip Ore Classes & Aver.



Diamond Drill Geological Log



40 Scale

Objective: _____ Sampled: _____ Color Plot & Dips _____ Ore Classes & Aver. _____

Logged By: _____ Date: _____ Composites: _____

Block: _____ Sect.: _____ Place: _____ App. Bear: _____ App. Dip.: _____ Length: _____

From _____ To _____ Discard: _____ Reason: _____

647.5 702.0 Laminated-very thin bedded-thin bedded sediment, W-SW-A. Numerous erratic, quartz-calcite healed, fine fractures with occasional minor offset beds. Quartz healed shear plane at 698', base 55° to core, galena blebs at contact. Occasional finely lam'd. bed. Bdg. to core: 677'-55°, 682'-65°, 688'-75°, 700'-72°. 'Spotted', dark, very thin beds, typical of Lower Aldridge, begin to appear at 675'.

There is a distinct lithology change at 647.5' where sediments below are typical of Lower Aldridge.

702.0 755.5 Very thin-thin bedded sediment (occasional bed in laminated range), W-SW-A. The typical lower type sediment of alternating dark-light S-SW beds now beginning to appear with a spotted alteration affect most common within the lighter beds. These beds show very little to none of the disrupted characteristics of beds above. Some minor offsets noted along tight fractures 25° to core. Some disruption noted from 750.5'-752.5' with partial breccia effect, spotty zinc very noticeable within this footage. Spotted zinc also noted occasionally along selected beds occurring within 4" wide zones (e.g. 710.5', 711.5', 712.8', 735' etc.) Bdg. 60° to 70° to core.

755.5 767.0 Thin-medium bedded sediment, W-SW. Actual bed boundaries vague due to colour alteration. Tight, fine healed fracturing throughout, minor brecciation effect at 759' and 763' with spotty pyrite.

767.0 777.0 Very thin-thin bedded sediment, same as 702.0-755.5. Bdg. 85° to core.

Core Size

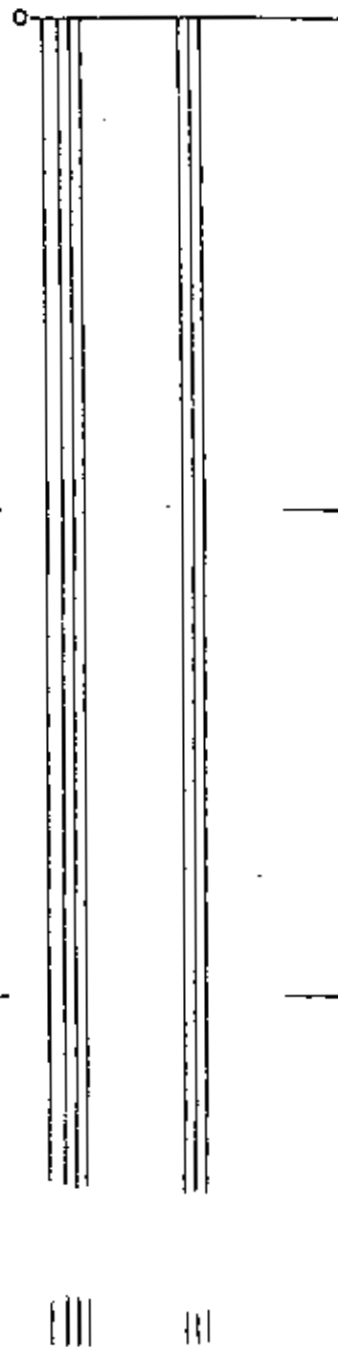
HQ

Hois No.

6430

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Diamond Drill Geological Log

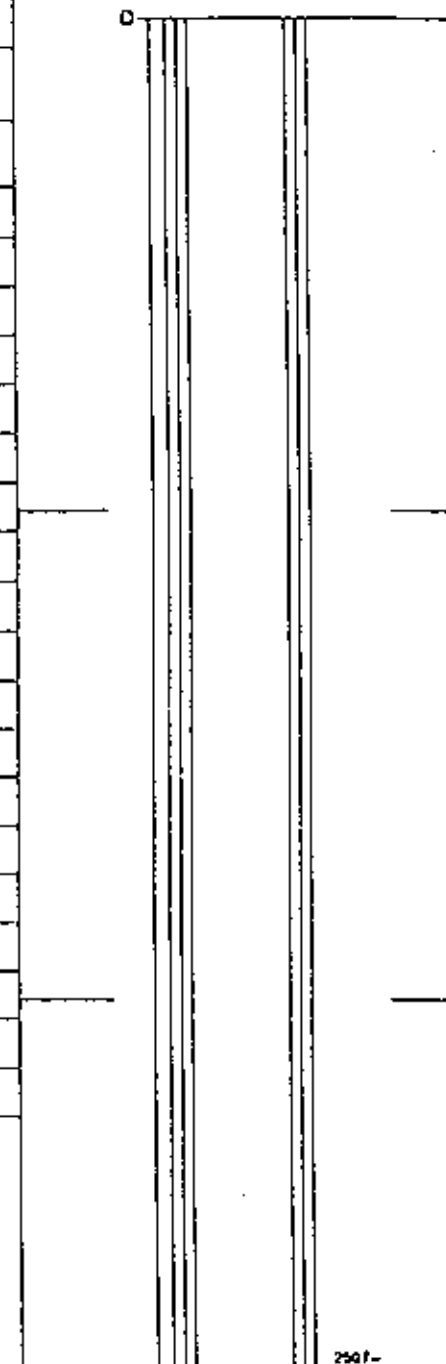


40 Scale
Color Plot & Dips Ore Classes & Aver.

Objective:		Sampled:	
Logged By:		Composites:	
Date:	Sect.:	Place:	App. Bear:
			App. Dip:
			Length:

From	To	Discard:	Reason:
777.0	785.0		Broken zone. Core badly broken to 779', moderately broken 779'-785'. Some fine, gouge-like material at 777' suggests possible fault. Remainder of footage broken as result of fracture system running from parallel to 75° to core. Very thin beds at 781' well mineralized with pyrite and zinc. Other occasional zinc blebs noted.
702.0	1044.0		Very thin-thin bedded sediment (occasional rare bed in medium range), same as 702.0'-755.5' etc. Occasional zinc bleb, notably from 789'-791'. Spotty alteration (unlike that noted 702.0' to 755.5') becomes pronounced starting at 812', mica and occasional pyrite and zinc association. Beds show little to no sign of major disturbance, some minor offsets on fractures generally on tight fractures 20° to core. Moderately broken core from 934.5' to 944.0' apparently result of closely spaced erratic tight fractures (also 951'-954'). 1/4" gouge 65° to core at 956.5'. Broken zone with minor gouge-like material 1036'-1037'. Bdg. angles to core: 804'-75°, 820'-50°, 835'-65°, 850'-75°, 900'-75°, 950'-65°, 980'-65°, 1000'-45°, 1035'-65°.
1044.0	1050.0		Gabbro. Contact indistinct, colour alteration makes contact appear gradational. Numerous erratic quartz-calcite healed fractures.
			END D.D. 6430

Core Size	HQ
Hole No.	6430
Page	11



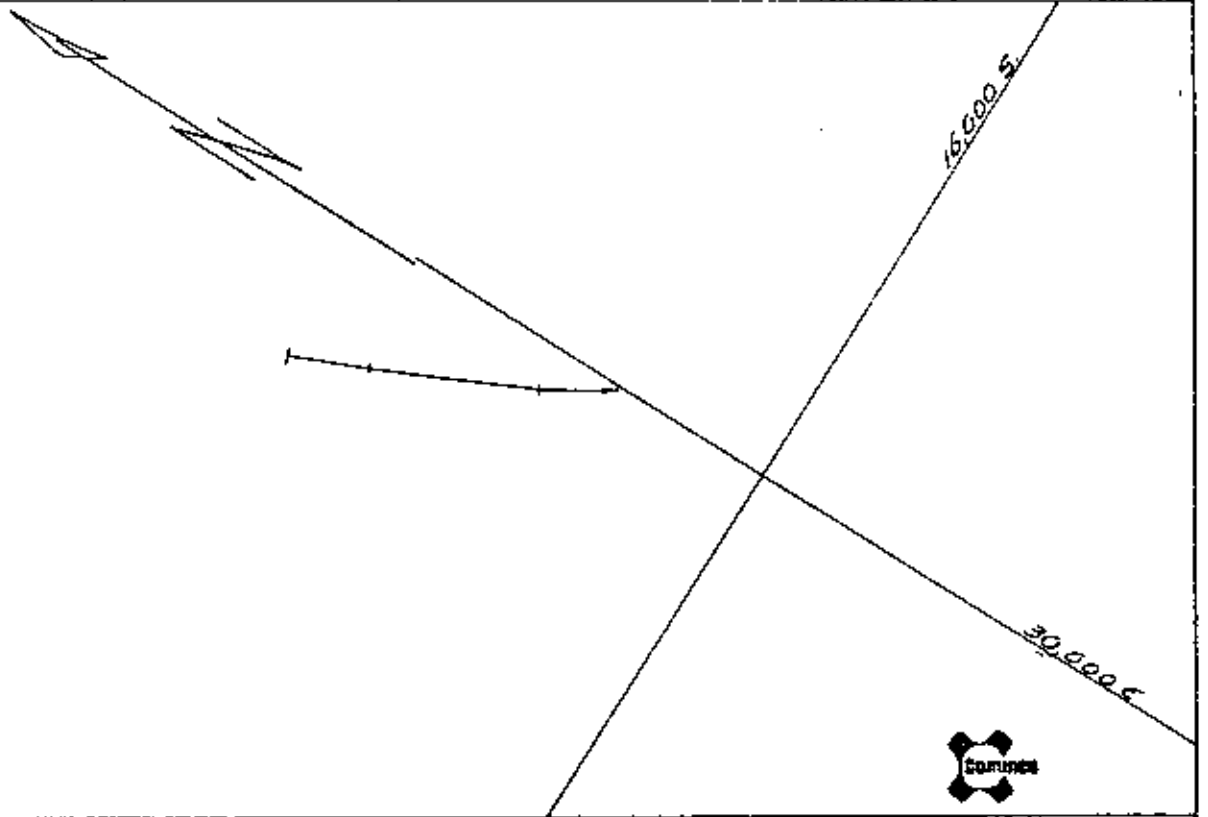
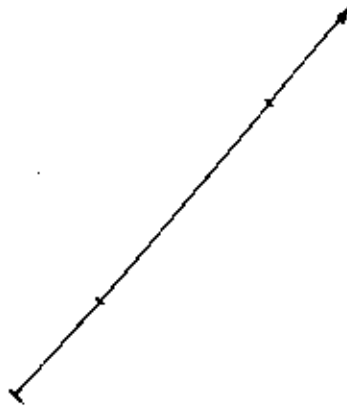
SURVEY

<u>RDB. SEQUENCE</u>	<u>FOOTAGE</u>	<u>DIP</u>	<u>AZIMUTH</u>
1	515'	-49.5°	314° + 21° (decl'n.) = 335°
2	1,050'	-47.5°	315° + 21° " = 336°

EXTRAPOLATION

<u>FOOTAGE</u>	<u>DIP</u>	<u>AZIMUTH</u>	<u>HORIZ. COMP.</u>	<u>VERT. COMP.</u>
0 - 257.5'	-50°	328°	165.5'	197.2'
257.5' - 792.6'	-49.5°	335°	347.4'	406.8'
792.5' - 1,050'	-47.6°	336°	174.0'	189.8'
<u>TOTALS</u>			686.9'	793.8'

EL. 3500



Drawn by: <i>AS Hagen</i>		Traced by:	
Revised by	Date	Revised by	Date

D.D. 6430
SPERRY SUN SINGLE SHOT SURVEY

Scale: 1" : 400'

Date: SEPT. 1978

Plate:

COMINCO LTD.

SULLIVAN MINE

KIMBERLEY, B.C.

COST SUMMARY
DOCH 6430

Invoice #4370C	\$ 592.00
Invoice #4371C	\$25,753.46
Cominco Supervision and Truck rental	\$ 1,000.00
TOTAL EXPENDITURE	<u>\$27,345.46</u>

A.L. Burrows:sjp
October 3, 1978
Sullivan Mine

cc: Mining Recorder
J.C. Ratcliffe
J.W. Cartwright
File

VANCOUVER
 TELEPHONE 736-2841
 TELEX 04-808857
 KAMLOOPS
 TELEPHONE 374-1133
 TELEX 0488184



THE TORONTO GROUP OF COMPANIES
 SHEPHERD ENTERPRISES LTD.
 1215 WEST 7TH AVENUE

VANCOUVER, B.C. V6H 1B7

IN ACCOUNT WITH

DOMINCO LTD.
 BOX 2000
 TIMBERLAY, B.C. V1A 2G3

CONTRACT NO. 309
 INVOICE NO. 43700
 DATE 31/08/78
 TO 18/08/78

PROPERTY MOYIE

16/08/78

HOURLY CHARGES

16/08/78	V-78-3A	3.00 HOURS	PULLING CASING	57.00	171.00
16/08/78	V-78-3A	2.00 HOURS	TESTING/LOG/SURVEY	57.00	114.00
16/08/78	V-78-3A	10.00 HOURS	EXTRA LABOUR	18.50	185.00
17/08/78	V-78-3A	2.00 HOURS	PULLING CASING	57.00	114.00
17/08/78	V-78-3A	1.00 HOURS	TESTING	57.00	57.00
17/08/78	V-78-3A	34.00 HOURS	MOVING	13.50	629.00
18/08/78	V-78-3A	44.00 HOURS	MOVING	18.50	814.00
<i>32h, 32.00 HOURS MOVE TO #6430</i>					<i>592.00</i>

OTHER CHARGES

1.00 CASING ANALYSIS 1725.30 1725.30
 (SEE ATTACHED)

1725.30

THIRD PARTY CHARGES

KIKI & SONS TRANSFER LTD.
 9958 154.00
 SCOTTS BUILDING SUPPLIES
 19387 52.29
 PLUS 10.00 % 20.63

226.92

TOTAL AMOUNT OF INVOICE

charged to DDCH 6430

~~4026.4~~

592.00

VANCOUVER
 TELEPHONE 718-2841
 TELEX * 04-608857
 KAMLOOPS
 TELEPHONE 374-1182
 TELEX 0488194



THE TONTO GROUP OF COMPANIES

SHEPHERD ENTERPRISES LTD.
 1210 WEST 7TH AVENUE

VANCOUVER, B.C. V6H 1B7

IN ACCOUNT WITH

COBINCOR LTD.
 69 2000
 KIMBERLEY, B.C. V1A 2G3

CONTRACT NO. 309
 INVOICE NO. 48710
 DATE 31/08/78
 TO 31/08/78

PROPERTY KIMBERLEY

19/08/78

FOOTAGE DRILLED

NO	HOLE	SIZE	FROM	TO	DRILL RATE	TOTAL
44-2	6430	20.00 FEET HW	0.00	20.00	19.75	395.00
14-2	6430	480.00 FEET HQ	20.00	500.00	19.75	9480.00
16-2	6430	500.00 FEET HQ	500.00	1000.00	20.75	10375.00
18-2	6430	50.00 FEET HQ	1000.00	1050.00	21.75	1087.50
TOTAL						21337.50
			DRILL FOOTAGE	20.00		
			CORED FOOTAGE	1050.00		
			TOTAL FOOTAGE	1070.00		

SHEPHERD ENTERPRISES LTD.
1215 WEST 7TH AVENUE

VANCOUVER, B.C. V6H 1B7

IN ACCOUNT WITH

DOMINCO LTD.
BOX 2000
KIMBERLEY, B. C. VIA 203

CONTRACT NO. 309
INVOICE NO. 4371C
DATE 31/08/78
TO 31/08/78

PROPERTY KIMBERLEY 19/08/78

HOURLY CHARGES

9/08/78	6430	20.00 HOURS MOVING	18.50	370.00
10/08/78	6430	1.00 HOURS CONDITION HOLE	57.00	57.00
14/08/78	6430	.50 HOURS TESTING	57.00	28.50
14/08/78	6430	1.00 HOURS MUD	57.00	57.00
18/08/78	6430	2.00 HOURS CONDITION HOLE	57.00	114.00
19/08/78	6430	1.00 HOURS CONDITION HOLE	57.00	57.00
10/08/78	6430	1.50 HOURS TESTING/LOG/SURVEY	57.00	85.50
10/08/78	6430	3.00 HOURS MOVING	18.50	55.50
11/08/78	6430	10.00 HOURS MOVING	18.50	185.00
11/08/78	6430	20.00 HOURS EXTRA LABOUR	18.50	370.00
				1379.50

MUD CIRCULATION PRODUCTS

47.00 BGS.	QUICK-GEL	5.19	243.93	
25.00 BGS.	QUICK-TRON	6.85	171.25	
23.00 BGS.	GELLEX	6.09	140.07	
1.00 BGS.	TANNEX	27.93	27.93	
50.00 GALS	DIESEL	.64	32.00	
4.00 PAIL	POLY DRILL 307	85.20	340.80	
8.00 PAIL	POLY DRILL 325	113.00	904.00	
PLUS 10.00 %			186.00	
				2045.98

CASINGS

30/08/78	6430	4.00 HW CASING (5 FT)	69.60	278.40
		PLUS 10.00 %		27.84
				306.24

CASING SHOES

30/08/78	6430	1.00 HW SHOE S/N 1524	321.66	321.66
		PLUS 10.00 %		32.17
				353.83

THIRD PARTY CHARGES

JOHNSTON TERMINALS LTD.		65.73
6028249		
MILLAR & BROWN LTD.		300.39
103 502849		30.61 30.34
PLUS 10.00 %		
		402.73

TOTAL AMOUNT OF INVOICE

~~25025.78~~
25,753.46

AS	NO. D'ÉQUIP.	NO. DE CEN.	08 29 '78	101	103 502849
CONNECTING CARRIER - NAME & PRO NO. NOM DE CARRIER INTERMÉDIAIRE ET NO. DU PRO			ADVANCE TRAIS AVANCÉS	REVENUE REVENU	REVENUE TRAIS AU DELÀ
RECEIVED FROM - REÇU DE			D-U-N-S 20-095 4717		
TRANSFERRED TO - TRANSFÉRÉ À					

CONSIGNEE - CONSIGNATAIRE
TONTO DRILLING LTD
KIMBERLEY BC

RECEIVED SEP 14

1370 **MILLAR & BROWN LTD.**
 DIRECT WINTERS TRANSPORT LIMITED • DIRECT MOTOR EXPRESS (QUEBEC) LIMITED
 DIRECT WINTERS TRANSPORT (WESTERN) LIMITED
Remit to Faire Remise à

SHIPPER - EXPÉDITEUR
CANADIAN LONGYEAR LIMITED
NEW WESTMINSTER BC


NO. PIECES NO. PAQUETS	DESCRIPTION OF ARTICLES AND MARKS DESCRIPTION DES ARTICLES ET MARQUES				WEIGHT POIDS	AS COMME	RATE TAUX	AMOUNT MONTANT	FFD. OR COLL.
8	BDLS	HW101	STEEL	TUBES	5700	3 d Party Charge	527	300.39	CGL
PAYABLE		8/51	000	309	YES				
PAYABLE		DANS LES 7 JOURS			YES				

ENTERED SEP 15 1978

PLEASE RETURN WITH YOUR PAYMENT
 S'IL VOUS PLAÎT RETOURNER AVEC VOTRE PAIEMENT

5 DUPLICATE INVOICE - FACTURE DUPLICATA

C.O.D. COLLECTIONS MUST BE CASH OR MARKED CHECKS.
 LES LIVRAISONS C/REMB. SONT PAYABLES COMPTANT OU PAR CHÈQUE VISÉ.

NO. OF PCS	DESCRIPTION OF SHIPMENT	WEIGHT (LBS OR KILOGRAMS)	RATE	CHARGES								
1	SKID 10 CELLX 20 TRCL, 2 BAGS CC-16 *****HOLD FOR PICKUP UP***** PPD BYD: TONTO DRILLING, 1215 W 7TH AVE, VANC	700	939	65,73								
<table border="1"> <thead> <tr> <th colspan="2">TRANSFER</th> </tr> </thead> <tbody> <tr> <td>INCL. NO.</td> <td>777820</td> </tr> <tr> <td>TO</td> <td>786625</td> </tr> <tr> <td></td> <td>XXXXXXXXXX</td> </tr> </tbody> </table>		TRANSFER		INCL. NO.	777820	TO	786625		XXXXXXXXXX	<p>646-000-309 <i>yes</i></p> <p><i>Wah</i></p>		
TRANSFER												
INCL. NO.	777820											
TO	786625											
	XXXXXXXXXX											
DECLARED VALUE \$	INTERLINE CARRIER	<p>PUBLIC FREIGHTWAYS SERVICE</p> <p>ENTERED SEP 15 1978</p>										
PLT. PRO. NO.		<p>CONSOLIDATED CHARGES</p> <table border="1"> <thead> <tr> <th>AMOUNT</th> <th>FEE</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> </tr> </tbody> </table>			AMOUNT	FEE						
AMOUNT	FEE											
 <p>Johnston TERMINALS LIMITED</p>		<p>DRIVER TO COLLECT \$</p>										
<p>ABOVE SHIPMENT RECEIVED IN GOOD ORDER EXCEPT AS NOTED RECEIVER'S SIGNATURE</p>												

WESTERN EXP. EXPENDITURE
 REMOVED FROM THIS INVOICE
deBurrows