

ASSESSMENT REPORTS

maye mD

MAP No.105 Q 1 **TYPE OF WORK:** DIAMOND DRILLING

REPORT FILED UNDER	CORDILLERAN ENGINEERING LIMITED		
DATE PERFORMED	Aug.-Oct. 1979	DATE FILED:	Dec. 13, 1979
LOCATION - LAT.			
LONG.			
CLAIM Nos.	JASON, ACE		
WORK DONE BY			
WORK DONE FOR	CORDILLERAN ENGINEERING LIMITED		
REMARKS	9 holes totalling 6351 feet.		

091200
091288

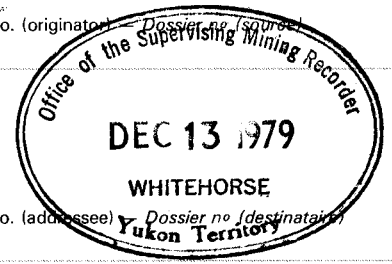


FROM DE Mining Recorder-Mayo

TO A Supervising Mining Recorder

File No. (originator) Dossier no. (source)

File No. (addressee) Dossier no. (destinataire)



Subject - Objet DIAMOND DRILL LOGS

-- Attached is your copy of the following Logs

Cordilleran Engineering

"JASON" & "ACE" Claims

1050-1 MacMillan Pass Area

9 Holes - 6,351 feet

cc: Geology Section

Signature R.G. Ronaghan Date 7/12/79

Reply - Réponse

7540-21-029-0717

CGSB STANDARD FORM 59

FORMULE NORMALISÉE 59 DE L'ONGC

Signature

091288

CORDILLERAN ENGINEERING

1418 MARINE BUILDING, 355 BURRARD STREET, VANCOUVER, BRITISH COLUMBIA V6C 2G8 TEL: (604) 681-8381

November 27, 1979

Indian & Northern Affairs
P. O. Box 10
Mayo, Y.T.
YOB 1M0

ATTENTION: Mr. R. G. Ronaghan
Mining Recorder

Dear Mr. Ronaghan



Re: APPLICATION TO GROUP AND RECORD WORK
On JASON and ACE Mineral Claims
MacMillan Pass, Y.T. NTS: 105-O-1

The following are enclosed:

- 1) Duplicate copies of diamond drill logs
- 2) Duplicate copies of Longyear invoices and a summary sheet.
- 3) Duplicate copies of Form "C" and an Application to Group Mineral Claims.
- 4) Two grouping maps.
- 5) Two Diamond Drill Summary Record Sheets
- 6) A summary of Application for Work.
- 7) A cheque for \$3,967.50 to cover 17 groups at \$5 each and 776.5 claims years at \$5 per year.

Please let me know if any more information is required.

Yours very truly

CORDILLERAN ENGINEERING

A handwritten signature in cursive script that reads "O. S. Hairsine".

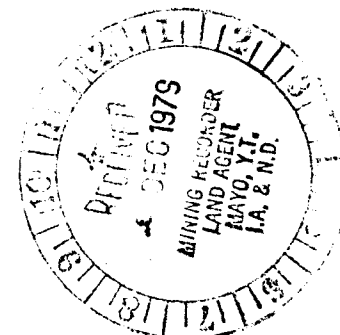
O.S. Hairsine, P.Eng.

OSH/z
encl

SUMMARY OF APPLICATION FOR WORK - JASON PROPERTY

09288

<u>Mineral Claim</u>	<u>Diamond Drill Hole</u>	<u>Depth</u>	<u>Total Footage</u>	<u>Direct Drilling Cost</u>	<u>Group No.</u>	<u>Dollars Applied</u>
Jason 50	49	925	925	\$38,406.00	1	\$ 6,400.00
					2	6,000.00
					3	6,000.00
					4	5,600.00
Jason 53	52	687	687	28,524.24	5	6,475.00
					14	2,125.00
					15	1,700.00
					16	1,700.00
					17	850.00
Jason 126	48 50	287 1305	1592	66,099.84	6	4,000.00
					7	4,000.00
					8	5,200.00
					9	5,200.00
Jason 59	47	545	545	22,628.40	10	6,400.00
Jason 58	44 51 51A	189 13 1002	1204	49,990.08	11	6,400.00
					12	5,200.00
Jason 57	45	489	489	<u>20,303.28</u>	13	<u>4,400.00</u>
			TOTAL	<u>\$225,951.84</u>		<u>77,650.00</u>
			Excess Work Not Applied			\$148,301.84



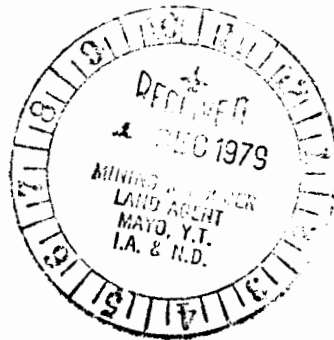
LONGYEAR CANADA INC.
INVOICE SUMMARY SHEET

<u>Invoice No.</u>	<u>Period Covered</u>	<u>Amount</u>
7005	Aug. 26 - 31	\$ 22,920.21
7119	Sept. 1 - 15	72,853.55
7120	Sept. 16 - 30	60,777.59
7241	Oct. 1 - 25	104,424.87
7242	Oct. adjustment	<u>2,719.60</u>
		\$263,695.60

Total Footage Drilled: 6,351 feet.

Direct Cost per Foot: \$41.52

Note: DDH 78-46 is located in the Watson Lake Mining District



CORDILLERAN ENGINEERING ————— DIAMOND DRILL RECORD

HOLE No. 79-45 CLAIM Jason 57 PROPERTY Jason PAGE No. 1 of 10
 CORE SIZE NQ AZIMUTH collar 144.78m 45° ELEV. COLLAR 1242.3m LOGGED BY K.I. Lu & D.R. Good.
 ANGLE OF HOLE collar -50° 144.78m -41.5° TOTAL DEPTH 149.05m NORTHING 7002405.19 DATE BEGUN Sep. 4 '79 FINISHED SEP. 9 '79
 SECTION % RECOVERY 88.39% EASTING 436247.05 CORE STORED AT Jason

SECTION	COLOR	BEDDING	MINERAL	TEXTURE	FRACTURING	LITHOLOGY	COMMENTS :	SCALE: 1:100	% CORE RECOVERED	SAMPLE INTERVAL & NUMBER	ASSAYS									
											DESCRIPTIVE GEOLOGY	% Pb	% Zn	% Ba	oz/ton Ag					
0																				
15							OB													
15.85	G5						A-2-a													
							• lower part clayey, sheared (?), 5cm sand bed seen.													
20	G7						SS-1-C													
							• locally sheared. & A-2-a fragments (max 10cm across) found													

SPEEZY - SUN DETERMINATIONS

DEPTH	INCLINATION	AZIMUTH
0 m	-50°	45°
30.48 m	-47°	45°
45.72 m	-47.5°	42°
76.2 m	-45°	44°10'
144.78 m	-41.5°	43°15'

CORDILLERAN ENGINEERING ————— DIAMOND DRILL RECORD

HOLE No. 79-47 CLAIM JASON 59 PROPERTY JASON PAGE No. 1 of 8
 CORE SIZE NQ AZIMUTH Collar 223° ELEV. COLLAR 1259.4m LOGGED BY K.I. Lu & D.R. Good
 ANGLE of HOLE Collar -50° TOTAL DEPTH 166.12m NORTHING 7,002,540.61 DATE BEGUN Sep. 11, 79 FINISHED Sep. 15, 79
 SECTION % RECOVERY 76.1% EASTING 436,86.32 CORE STORED AT JASON PROPERTY

SECTION	COLOR	BEDDING	MINERAL	TEXTURE	FRACTURING	LITHOLOGY	COMMENTS :	SCALE :	% CORE RECOVERED	SAMPLE INTERVAL & NUMBER	ASSAYS								
							DESCRIPTIVE GEOLOGY				ppm	ppm	ppm						
											% Pb	% Zn	% Cu	oz/ton Ag					
0m																			
							OVERBURDEN												
55						?													
						△△△	56.39	<u>A-2</u>	43.7	56.39 (0.61) 18701	116	1220	61						
						△△△	mass py bed (2cm)	faint shaly laminations moderately to highly siliceous moderately carbonaceous - graphitic on cleavage	63.	57.00 (1.00) 18702	70	1000	67						
						△△△		quartz stockwork veins (1mm - 2cm or more. 1-5 vol %)	36.	58.00 (1.00) 18703	56	745	53						
						△△△		sp (gl?) assoc with some quartz veins.	67	59.00 (1.00) 18704	71	7500	70						
60						△△△	Qtz-sp vlt crosscutting bedding (1cm)		81.	60.00 (1.00) 18705	87	2150	90						
						△△△	S.G - 2.626		73.	61.00 (1.00) 18706	56	1031	57						
						△△△			73.	62.00 (1.00) 18706	56	1031	57						

CORDILLERAN ENGINEERING ————— DIAMOND DRILL RECORD

HOLE No. **79-47**

CLAIM: **JASON 59**

PROPERTY: **JASON**

PAGE No. **3** of **8**

SECTION	COLOR	BEDDING	MINERAL	TEXTURE	FRACTURING	LITHOLOGY	COMMENTS:	% CORE RECOVERED	SAMPLE INTERVAL & NUMBER	ASSAYS						
										ppm	ppm	ppm				
										% Pb	% Zn	% Cu Ba	oz/ton Ag			
							DESCRIPTIVE GEOLOGY									
							ditto (A-2)									
75								76.	77.00 (1.00) 18718	30	745	38				
80								97.	78.00 (1.00) 18719	36	1660	50				
								89.	79.00 (1.00) 18720	20	381	28				
								96.	80.00 (1.00) 18721	59	1830	60				
								81.	81.00 (1.00) 18722	38	785	36				
								93.	82.00 (1.00) 18723	47	1640	76				
								81.	83.00 (1.00) 18724	32	1090	37				
85								97.	84.00 (1.00) 18725	45	1320	51				
								95.	85.00 (1.00) 18726	56	1070	52				
								98.	86.00 (1.00) 18727	50	1240	62				
								36.5	87.00 (2.00) 18728	48	398	55				
								90.	89.00 (1.00) 18729	111	2500	71				
90								76.	90.00 (1.00) 18730	115	3300	69				
								67.	91.00 (1.00) 18731	89	2920	56				
									92.00							

increasing calcareousness ↓ ↓ decreasing silicification & quartz veining
 —————
 89.31 24cm. carbonate bed (calc.-sil.) gradual change
Calcareous Siltstone/A-2 altn.
 • alternating layers of black, weakly calc. A-2 to greyer moderately calc. siltstone, and the occasional light grey limestone.
 • weakly to moderately silicified with lesser quartz veining
 91.00 some sp. with py veinlet assoc w/ Qtz - Sarcite

CORDILLERAN ENGINEERING ————— DIAMOND DRILL RECORD

HOLE No. 79-47

CLAIM: JASON 59

PROPERTY: JASON

PAGE No. 4 of 8

SECTION	COLOR	BEDDING	MINERAL	TEXTURE	FRACTURING	LITHOLOGY	COMMENTS:	% CORE RECOVERED	SAMPLE INTERVAL B NUMBER	ASSAYS							
										ppm % Pb	ppm % Zn	Cu ppm %	oz/ton Ag				
DESCRIPTIVE GEOLOGY																	
							ditto (Calcareous Siltstone / A-2)		92.00 (1.00) 18732	95	3920	66					
							distorted bedding		93.00 (1.00) 18733	134	915	64					
							finely disse. py in a black bit band		94.00 (1.00) 18734	95	1870	38					
							limestone layers (1-2 mm ~ 8 mm thick)		95.00 (1.00) 18735	144	2160	56					
							finely laminated, disseminated of sp parallel to bedding (1 cm thick)		96.00 (1.00) 18736	240	1710	60					
							limestone layers (1-2 mm ~ 8 mm thick)		97.00 (1.00) 18737	37	8980	44					
							limestone layers (1-2 mm ~ 8 mm thick)		98.00 (1.00) 18738	50	420	37					
							limestone layers (1-2 mm ~ 8 mm thick)		99.00 (1.00) 18739	77	755	50					
							limestone layers (1-2 mm ~ 8 mm thick)		100.00 (1.00) 18740	47	41	38					
							limestone layers (1-2 mm ~ 8 mm thick)		101.00 (1.00) 18741	56	37	41					
							limestone layers (1-2 mm ~ 8 mm thick)		102.00 (1.00) 18742	64	24	57					
							limestone layers (1-2 mm ~ 8 mm thick)		103.00 (1.00) 18743	33	48	29					
							limestone layers (1-2 mm ~ 8 mm thick)		104.00 (1.00) 18744	45	32	38					
							limestone layers (1-2 mm ~ 8 mm thick)		105.00 (1.10) 18745	68	78	30					
							limestone layers (1-2 mm ~ 8 mm thick)		106.10 (1.00) 18746	18	153	74					
							limestone layers (1-2 mm ~ 8 mm thick)		107.00								

from 103.48 to 106.38, rock is highly fractured and broken w/ abundant qtz & carb. stringers (3-5 vol %) moderately carbonaceous (highly graphitic or cleavaged) weakly to moderately silicified.

late vein (15 cm) 106.38

Semi-massive Siderite / Argillite

CORDILLERAN ENGINEERING ————— DIAMOND DRILL RECORD

HOLE No. 79-47

CLAIM: JASON 59

PROPERTY: JASON

PAGE No. 5 of 8

SECTION	COLOR	BEDDING	MINERAL	TEXTURE	FRACTURING	LITHOLOGY	COMMENTS :	% CORE RECOVERED	SAMPLE INTERVAL & NUMBER	ASSAYS				
										ppm % Pb	ppm % Zn	ppm % Ba	oz/ton Ag	
										DESCRIPTIVE GEOLOGY				
110					Py. Sil. fragments layers in highly sheared rock (60 vol %)		pyrite crystal clots (30 vol. % over 8cm) Py. Sil. fragmented layers in highly sheared rock (60 vol %)	81.	107.00 (1.00) 18747	18	145	43		
							ditto (Semi-Massive Siderite/Argillite) • disseminated to felted masses of crystalline siderite (X tabs to a 2mm max Ø) in argillaceous matrix • siderite ~ 35 vol. % • pyrite (~ 10-15 vol %) occurs as disseminations, blebs, & strings in association with Qtz/Karb veins, and as fracture fillings along shears.	72.	108.00 (1.00) 18748	14	205	71		
								67.	109.00 (1.00) 18749	24	143	192		
								75.	110.00 (1.00) 18750	28	386	261		
								50.	111.00 (1.00) 18751	19	333	252		
								92.	112.00 (1.00) 18752	18	259	231		
								91.	113.00 (1.00) 18753	28	415	251		
115							decreasing silicification ↓	94.	114.00 (1.00) 18754	23	695	226		
								76.	115.00 (1.00) 18755	20	590	277		
								96.	116.00 (1.00) 18756	15	328	141		
								64.	117.00 (1.00) 18757	18	297	111		
							highly broken rock highly carbonaceous	48.	118.00 (2.00) 18758	26	326	207		
120								50.	120.00 (2.00) 18759	31	420	258		

CORDILLERAN ENGINEERING ————— DIAMOND DRILL RECORD

HOLE No. 79-47

CLAIM: JASON 59

PROPERTY: JASON

PAGE No. 7 of 8

SECTION	COLOR	BEDDING	MINERAL	TEXTURE	FRACTURING	LITHOLOGY	COMMENTS :	% CORE RECOVERED	SAMPLE INTERVAL #	ASSAYS									
										ppm	ppm	Cu ppm	oz/ton						
										%	%	%	Ag						
							DESCRIPTIVE GEOLOGY												
	G6	32°				▲▲▲▲▲	ditto (Calcareous Siltstone)												
	G7	35°				▲▲▲▲▲	gradational contact												
140		41°				▲▲▲▲▲	Calcareous A-2 & A-1 (alternating with Arenaceous limestone)												
		42°				▲▲▲▲▲	<ul style="list-style-type: none"> • moderately to highly calcareous argillite with alternating beds of light grey arenaceous limestone (well laminated) • argillaceous component is weakly to moderately carbonaceous • weakly to moderately silicified 												
145		45°				▲▲▲▲▲													
	G4	51°				▲▲▲▲▲	arenaceous limestone												
	G7	38°				▲▲▲▲▲													
	G7	30°				▲▲▲▲▲													
	G3	47°				▲▲▲▲▲	arenaceous limestone												
150	G7	50°				▲▲▲▲▲	<ul style="list-style-type: none"> • from 149.80 to 163.10m and in particular in the carbonaceous A-1 rock, occur scattered lens-shaped blebs of pyrite, aligned parallel to faint laminations. Generally ~1mm thick but occasionally up to mix 2cm thick & 5cm long, and associated with calcite 												
									97.	148.70 (100) 187.70 149.70	34	22	22						
									100.	150.50 (100) 187.71 151.50	48	195	38						

CORDILLERAN ENGINEERING ————— DIAMOND DRILL RECORD

HOLE No. 79-47

CLAIM: JASON 59

PROPERTY: JASON

PAGE No. 8 of 8

SECTION	COLOR	BEDDING	MINERAL	TEXTURE	FRACTURING	LITHOLOGY	COMMENTS :	% CORE RECOVERED	SAMPLE INTERVAL & NUMBER	ASSAYS										
															%	%	%	oz/ton		
										Pb	Zn	Ba	Ag							
							DESCRIPTIVE GEOLOGY													
	G7	42°	Py, Cal		Δ Δ		ditto (Calcareous A-2 & A-1 / Arenaceous Lt)													
	"	43°	Py, Cal Lenses		Δ Δ		silicification decreases													
155	G4	47°			Δ Δ		arenaceous limestone													
	G4				Δ Δ Δ Δ															
	"	43°	Py Lenses		Δ Δ Δ Δ		Pyrite-calcite lens 110 bedding (1 cm thick)													
160	"		Cal, Py		Δ Δ Δ Δ		Py-calcite lens (1 cm thick)													
	"	60°	Py, Cal Lenses		Δ Δ Δ Δ		Py-calcite lenses (1.5 cm thick)													
	G5	28°			Δ Δ Δ Δ		calcareous siltstone													
	6				Δ Δ Δ Δ															
165	"	31°			Δ Δ Δ Δ															
	"	30°			Δ Δ Δ Δ		arenaceous limestone													
					Δ															

166.12 ————— E.O.H —————

CORDILLERAN ENGINEERING ————— DIAMOND DRILL RECORD

HOLE No. 79-48 CLAIM JASON 12.6 PROPERTY Jason PAGE No. 1 of 6
 CORE SIZE NQ AZIMUTH Collar 225°
87.48° → 17° ELEV. COLLAR 1310.0 m LOGGED BY A. Wells
 ANGLE OF HOLE Collar -55° TOTAL DEPTH 87.48 m NORTHING 7003183.0 DATE BEGUN Sep. 20/79 FINISHED Sep. 23/79
 SECTION % RECOVERY 84.68 EASTING 434828.0 CORE STORED AT Jason

SECTION	COLOR	BEDDING	MINERAL	TEXTURE	FRACTURING	LITHOLOGY	COMMENTS :	SCALE: 1:100	% CORE RECOVERED	SAMPLE INTERVAL & NUMBER	ASSAYS												
											DESCRIPTIVE GEOLOGY	% Pb	% Zn	% Ba	oz/tan Ag								
<p><i>overburden.</i></p> <table border="1" style="margin: auto;"> <caption>SPERRY SUNS Test</caption> <thead> <tr> <th>Depth</th> <th>Inclination</th> <th>Azimuth</th> </tr> </thead> <tbody> <tr> <td>0 m</td> <td>-55°</td> <td>225°</td> </tr> <tr> <td>45.72</td> <td>-55°</td> <td>232°</td> </tr> <tr> <td>87.48</td> <td>-54°</td> <td>217°</td> </tr> </tbody> </table>												Depth	Inclination	Azimuth	0 m	-55°	225°	45.72	-55°	232°	87.48	-54°	217°
Depth	Inclination	Azimuth																					
0 m	-55°	225°																					
45.72	-55°	232°																					
87.48	-54°	217°																					
<p>10m</p> <p>67</p> <p>20°</p> <p>23°</p> <p>22°</p> <p>20°</p> <p>15m</p> <p>67</p> <p>17°</p> <p>39°</p> <p>py nodules 1-2cm</p>	<p>9.14</p> <p>A-2 (locally A-2-C)</p> <ul style="list-style-type: none"> - weakly calcareous - Sand bands tend to be distorted by slaty cleavage resulting in white splotches of silica segregations (these silica splotches typically contain anhedral 2-4% vol. pyrite/marcasite and variable calcite). - Some portions contain white anhedral blebs (≤ 1mm) of calcite/silica <p>2 pyritized graded & loaded bedding of S.S. 2-4cm thick pyrite ~ 5% vol.</p> <ul style="list-style-type: none"> - 1-2% py φ, generally observable as pyritized sand beds - occasional "shadow textures" are characteristic consisting of pyrite (massive) bounded by white silica/calcite, 0.4-1cm diameter φ. <p>py nodules bounded by quartz</p>																						

CORDILLERAN ENGINEERING ————— DIAMOND DRILL RECORD

HOLE No. 74-49

CLAIM: Jason 50

PROPERTY: Jason

PAGE No. 3 of 18

SECTION	COLOR	BEDDING	MINERAL	TEXTURE	FRACTURING	LITHOLOGY	COMMENTS :	% CORE RECOVERED	SAMPLE INTERVAL & NUMBER	ASSAYS										
										%	%	%	oz/ton							
										Pb	Zn	Ba	Ag							
42.06						B-4-L														
45						45.72	Very poor recovery	12.5	45.72											
47.24						47.24			47.24											
50						50.32	Very poor recovery													
55						54.86	Very poor recovery	5.5	54.86											
56.69						56.69			56.69											

B-4-L

Mtx: ss-1-c ~ ss-5-c.
 Fgt: Chrt 15% (4mm ~ 1cm common, 5cm max.)
 Arg 20+ (4mm ~ 1.5cm common, 5cm max.)

- silicified, somewhat porous & sheared.
- generally low recovery (20-60%, 65% max.) especially 45.72 ~ 47.24 and 54.86 ~ 56.69 - very poor recovery (probably fault zone)
- locally quartz veined extensive siderite associated
- Py in 3 vol%, siderite some.

45.72

47.24

50.32

54.86

56.69

45.72

47.24

54.86

56.69

12.5

5.5

CORDILLERAN ENGINEERING ————— DIAMOND DRILL RECORD

HOLE No. *79-49*

CLAIM: *Jason 50*

PROPERTY: *Jason*

PAGE No. *5* of *18*

SECTION	COLOR	BEDDING	MINERAL	TEXTURE	FRACTURING	LITHOLOGY	COMMENTS :	% CORE RECOVERED	SAMPLE INTERVAL B NUMBER	ASSAYS									
										% Pb	% Zn	% Ba	oz/ton Ag						
75		36°	Py	1			ditto (A-2-c, local A-3)												
		35°	Py	3				19.8	75.9										
		30°	Py	4				13.1	76.81										
		30°	Py	4				26.2	78.03										
80		35°	Py	4			A-1-a local A-2~A-2-c and A-1-b.		79.25										
		35°	Py	4			<ul style="list-style-type: none"> • 1.5-6 cm thick G₃ colored silty beds intercalated occasionally. • silty bed commonly brown colored (fine py contained?) • few py thin films as ult. • ss. beds less thickness (<1 cm, except 25 cm thick bed at 84.62 cm) and number, 												
85		35°	Py	4															

Poor Recovery

25 cm thick ss-2

CORDILLERAN ENGINEERING ————— DIAMOND DRILL RECORD

 HOLE No. **79-49**

 CLAIM: **JASON - 50** PROPERTY: **JASON**

 PAGE No. **9** of **18**

SECTION	COLOR	BEDDING	MINERAL	TEXTURE	FRACTURING	LITHOLOGY	COMMENTS:	% CORE RECOVERED	SAMPLE INTERVAL B NUMBER	ASSAYS						
										% Pb	% Zn	% Ba	oz/ton Ag			
3							<p style="text-align: center;">B-6-E_b</p> <p>Mtx: B-4-M (-L?) (ss-s-mns matrix with fgt of chert₂₅₋₃₅ Arg₃₀ of 1/2-4 mm φ).</p> <p>Fgt: Arg₁₀ (4-10 cm, some 10-16 cm, one 69 cm across) chert₁₀ (2-3 cm, few 4-6 cm).</p> <ul style="list-style-type: none"> • Somewhat porous. • Py 3-5 vol%, mostly as dissemin in fgt much less in muddy matrix. 									
4							<p style="text-align: center;">B-6-E_b</p> <p>Mtx: B-4-M (-L?) (ss-s-c.s. mtx with fgt of chert₄₀ Arg₂₀ 1/2-4 mm)</p> <p>Fgt: chert₂₀₋₂₅ (1-2 cm common, some 5-7 cm Py₃ in some)</p> <p>Arg₁₀₊ (1-3 cm common, one 13 cm φ) B-2-Ec. (2.37 m, 70 cm across, one each) SS-1-c. some (3 cm φ ±)</p>									
5																

135

140

145

gauge 6cm

A-2 fgt

 141.75
142.02

B-2-Ec border

144.41

CORDILLERAN ENGINEERING ————— DIAMOND DRILL RECORD

HOLE No. 79-50

CLAIM :

PROPERTY: *NASON*

PAGE No. 7 of 27

SECTION	COLOR	BEDDING	MINERAL	TEXTURE	FRACTURING	LITHOLOGY	COMMENTS :	% CORE RECOVERED	SAMPLE INTERVAL & NUMBER	ASSAYS					
										% Pb	% Zn	% Bo	oz/ton Ag		
DESCRIPTIVE GEOLOGY															
90m	G8 to G9	35°					<p>ditto (Carbonaceous Shale)</p> <ul style="list-style-type: none"> - contains 1-2% very finely disseminated pyrite. - weakly calcareous (calcite blebs 2mm tend to concentrate defining subtle bedding) to non-calcareous <p>89.30 2cm banded pyrite @ 35°</p>								
95m	G8 to G9	40°					<p>Contact area tends to be gradational</p> <p>96.0</p>								
100m	G6 to G7	5° to 30° 75° 60°					<p>A-1-a (locally A-2 appearance)</p> <ul style="list-style-type: none"> - moderately (occasionally weakly) calcareous - pyrite; finely disseminated 0.5-2% volume - quartz blebs tend to elongate and concentrate along bedding planes - this unit is noticeably harder than the above carbonaceous shale (appears to be a degree of silicification.) - qtz sand rich beds 0.1-0.4cm & few 0.4-1.0cm , < 5% volume 								

CORDILLERAN ENGINEERING ————— DIAMOND DRILL RECORD

HOLE No. 79-50 -

CLAIM:

PROPERTY: JASON

PAGE No. 9 of 27

SECTION	COLOR	BEDDING	MINERAL	TEXTURE	FRACTURING	LITHOLOGY	COMMENTS :	% CORE RECOVERED	SAMPLE INTERVAL #	ASSAYS				
										%	%	%	oz/ton	Ag
							DESCRIPTIVE GEOLOGY							
120	G6 to G7	80° 75°	py				117.15 } pyritized zone 117.45 } ~5% volume ditto: (A-1-a, locally A-2 appearance) - ~5% volume sand bands (composed of py, qtz grains and clay sized particles) 0.2-1.0 cm φ - few 0.2 cm pyrite bands parallel bedding.							
125	G6 to G7	80° 72° 82°					123.4 ----- A-2-C 125.4 ~5 volume % erratic hair-line calcite stockwork - moderate silicification (*typically pocked with blebs of white quartz <1mm diameter) - weakly calcareous (some moderately) - upper contact gradational - some portions exhibit slump structures (quartz calcite beds which are contorted, discontinuous and frequently offset) 0.5-1.0 cm φ 127.65 ~10cm crystalline calcite mixed with irregular argillite fragments (some pyrite) - Some of these "slump" portions appear as spherical to elliptical in shape (~1cm size) (cause of formation unknown)							
130	G6 to G7	58° 75° 80° 82° 80°	py				129.2 1.5cm pyrite partially bounded by calcite - ~5% volume "G3" colored bands composed of recrystallized calcite with some disseminated pyrite, 0.3-0.5cm thick φ							

CORDILLERAN ENGINEERING ————— DIAMOND DRILL RECORD

HOLE No. 79-50

CLAIM:

PROPERTY: JASON

PAGE No. 18 of 27

SECTION	COLOR	BEDDING	MINERAL	TEXTURE	FRACTURING	LITHOLOGY	COMMENTS :	% CORE RECOVERED	SAMPLE INTERVAL # NUMBER	ASSAYS							
										% Pb	% Zn	% Ba	oz/ton Ag				
DESCRIPTIVE GEOLOGY																	
255 m 260 m 265 m	G7 G3 G7 G7 G3 G7 G7 G7 G7 G3 G7	75° 73° 65° 70° 75° 75° 70° 68° 65° 68° 65° 68°	Py Py Pyrite 1-2% throughout Py sid. Qtz	A A A A A A A A A A A		ditto: (A-2 appearance) 253.7 cm nodular pyrite 261.15 1.5cm mixed massive pyrite and pyrrhotite (magnetic) some bounding Qtz. 262.0 3.5cm siderite-Qtz vein 2.623 Qtz-calcite vein contains ~30% vol. pyrrhotite (minor pyrite)											

ditto: (A-2 appearance)

253.7 cm nodular pyrite

- characteristic 10% volume, 10-20 cm portions of siderite rivelets ≤ 0.1 cm thick (microstructures) generally preceded by Q3 colored, banded sediment (10-30 cm thick ϕ)
- slightly calcareous
- ~50% volume; bedding obscured and distorted by cleavage.
- pyrite occurs predominantly as blebs & nodules 2-10mm size ϕ , generally bounded by quartz ("shadow" texture)
- mildly carbonaceous

261.15 1.5cm mixed massive pyrite and pyrrhotite (magnetic) some bounding Qtz.

262.0 3.5cm siderite-Qtz vein
 2.623 Qtz-calcite vein contains ~30% vol. pyrrhotite (minor pyrite)

CORDILLERAN ENGINEERING ————— DIAMOND DRILL RECORD

HOLE No. 79-50

CLAIM:

PROPERTY: JASON

PAGE No. 19 of 27

SECTION	COLOR	BEDDING	MINERAL	TEXTURE	FRACTURING	LITHOLOGY	COMMENTS:	% CORE RECOVERED	SAMPLE INTERVAL #	ASSAYS						
										%	%	%	oz/ton			
										Pb	Zn	Ba	Ag			
270m	G6 to G7	68° to 65°	Pyrite 1-30% Volume				<p style="text-align: center;">ditto: (A-2 appearance)</p> <ul style="list-style-type: none"> - continued appearance of concentrations of siderite nodules (wavy spaghetti texture), strands 0.1-0.2 cm thick over 5-20 cm (10-30% volume ϕ) and 10% core volume is occupied by this characteristic texture. frequently "overlain" by G3 colored portions banded by black organic streaks, (10cm ϕ) - pyrite occurs as blebs & nodules (& cubes) 0.2-0.5 cm ϕ, few 0.5-1.0 cm and few thin beds. - weakly calcareous & weakly carbonaceous - powdery chlorite on broken/fractured surfaces - 40-50% volume is regularly finely laminated, the remainder is obscured and distorted by cleavage. 									
275m	G6 to G7	69° to 70°							274.6 1cm qtz-carbonate vn. 0.3cm qtz vn contains few sphalerite blebs.							
280m	G6 to G7	70° to 73°							0.3cm irregular qtz vn contains few blebs of amber sphalerite/pyrite							

CORDILLERAN ENGINEERING ————— DIAMOND DRILL RECORD

HOLE No. 79-50

CLAIM:

 PROPERTY: *NASON*

PAGE No. 23 of 27

SECTION	COLOR	BEDDING	MINERAL	TEXTURE	FRACTURING	LITHOLOGY	COMMENTS :	% CORE RECOVERED	SAMPLE INTERVAL #	ASSAYS											
										DESCRIPTIVE GEOLOGY						%	%	%	oz/ton	Ag	
										Pb	Zn	Ba	Ag								
330 ^m	G6 to G4	50° 50° 54° 45°			Δ		ditto: (A-2 appearance) 328.1 ~30 cm "spaghetti" siderite (20-30% vol.) - "spaghetti" siderite strands decrease in size to 0.1-0.2 cm thickness - pyrite; erratic nodules & clusters 2-0.5cm φ, some 1cm - Chlorite not evident on fracture/broken faces beyond 333 ^m - weakly calcareous														
	G4 to G7	50° 40°			Δ			330.6 ~20 cm "spaghetti" siderite (30-50% vol.) 32.96 2cm massive pyrite (conformable) in 10 cm g ₃ -carbonate													
335 ^m	G6 to G8	52° 56° 45° 40°			Δ Δ		15 cm "spaghetti" siderite 335.15 few 0.3cm diameter amber blebs sphalerite (contains talc, pyrite, carbonate)														
	G6 to G8	41° 43° 37° 40° 40° 45°			pyrite L-2%			338.9 ~30 cm "spaghetti" siderite (~20% vol.)													
340 ^m	G6 to G4	40° 40°			Δ		340.1 15 cm "spaghetti" siderite (50% vol.) 340.4 " " few 1cm pyrite nodules														

CORDILLERAN ENGINEERING ————— DIAMOND DRILL RECORD

HOLE No. 79-50

CLAIM:

PROPERTY: JASON

PAGE No. 24 of 27

Z SECTION	COLOR	BEDDING	MINERAL	TEXTURE	FRACTURING	LITHOLOGY	COMMENTS :	% CORE RECOVERED	SAMPLE INTERVAL & NUMBER	ASSAYS										
										DESCRIPTIVE GEOLOGY	% Pb	% Zn	% Ba	oz/ton Ag						
	G6	39°																		
	"	45°																		
	G6																			
	G4	40°																		
345	G5	40°																		
	G6																			
	"	50°																		
	G4																			
	G6	55°																		
	G4																			
	G6	35°																		
	"	40°																		
350	G6																			
	G3	36°																		
	G6																			
	G6	38°																		
	G3	40°																		
	G6																			
	"	37°																		
	G6	38°																		
355	"	40°																		
	G3																			
	G5	38°																		
	G6																			

ditto: (A-2 appearance)

342.9 } ~10% volume
 343.15 } pyrite nodules
 rimmed by qtz-
 carbonate
 (0.5-1.0 cm)

344.2 2cm siderite crystal
 cluster (0.1-0.2cm)
 conformable, contains
 some pyrite

345.35 ~20cm "spaghetti"
 siderite (~40% vol.)
 strands 0.1-0.2cm

347 30cm "spaghetti"
 siderite (40-60% vol.)

348.3 30cm "spaghetti"
 siderite (40-60% vol.)

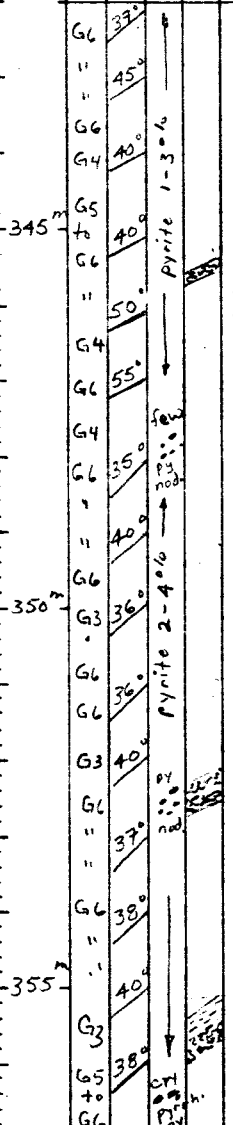
350.7 ~10cm "spaghetti"
 siderite (>70% volume)

352.1 } ~40% vol. "spaghetti"
 352.45 } siderite

353.6 2cm qtz-carbonate
 vein (non-conforming)

355.1 ~25cm spaghetti siderite
 (~60% vol., 0.1-0.2cm thick strands)
 preceded by G-3 colored portion
 containing "organic" streaks (banding)

356.6 15cm "spaghetti" siderite contains 2.5cm pyrrhotite nodule bounded
 by qtz, some 0.5-1.0cm pyrite nodules, traces chalcopyrite



CORDILLERAN ENGINEERING ————— DIAMOND DRILL RECORD

HOLE No. 79-50

CLAIM:

PROPERTY: JASON

PAGE No. 25 of 27

SECTION	COLOR	BEDDING	MINERAL	TEXTURE	FRACTURING	LITHOLOGY	COMMENTS:	% CORE RECOVERED	SAMPLE INTERVAL & NUMBER	ASSAYS								
										%	%	%	oz/ton					
										Pb	Zn	Ba	Ag					
360 ^m	G6 +	36°				LITHOLOGY	<p style="text-align: center;">ditto: (A-2 appearance)</p> <ul style="list-style-type: none"> - pinstrip alternating G3 & G6 colored bands (G3 bands 0.5-1.0 cm thick & locally 10-30 vol. %); comprises ~30 vol. % of core. This is a new feature observed rarely (< 5% vol.) previously. - pyrite; occurs primarily as nodules 0.2-0.5 cm φ. - few G9 colored cherty nodules < 0.5 cm φ - ~10 vol. % "spaghetti" siderite - ~20 vol. % G3/G4 colored portions (10-60 cm), generally streaked by organics, some pinstriped. 											
	G7	32°																
	"	32°																
	G6	35°																
	G7	35°																
	"	34°																
	G6	28°																
	G3																	
	G6	43°																
	G6	45°																
365 ^m	G6	45°																
	G3	44°																
	G4	44°																
	"																	
	G6	45°																
	G3																	
	G4	42°																
	"																	
	"	38°																
	"																	
	"	36°																
370 ^m	G5																	
	G6	36°																
	"																	
	G3																	

ditto: (A-2 appearance)

- pinstrip alternating G3 & G6 colored bands (G3 bands 0.5-1.0 cm thick & locally 10-30 vol. %); comprises ~30 vol. % of core. This is a new feature observed rarely (< 5% vol.) previously.
- pyrite; occurs primarily as nodules 0.2-0.5 cm φ.
- few G9 colored cherty nodules < 0.5 cm φ
- ~10 vol. % "spaghetti" siderite
- ~20 vol. % G3/G4 colored portions (10-60 cm), generally streaked by organics, some pinstriped.

366 2-4 cm mixed disseminated pyrite & some pyrrhotite (~5 vol. % combined)

367.7 }
368.2 }

369.4 }
370 } G3/G4 colored contains discontinuous G9 colored "organic" streaks - conformable in general.

CORDILLERAN ENGINEERING ————— DIAMOND DRILL RECORD

HOLE No. 79-51A

CLAIM: JASON 58

PROPERTY: JASON

PAGE No. 3 of 19

Z SECTION	COLOR	BEDDING	MINERAL	TEXTURE	FRACTURING	LITHOLOGY	COMMENTS :	% CORE RECOVERED	SAMPLE INTERVAL NUMBER	ASSAYS								
										%	%	%	oz/ton					
										Pb	Zn	Ba	Ag					
55	47	16°			△△	[REDACTED]	<p>clay gouge</p> <p>5mm. discontinuous pyrite lam</p> <p>ditto (A-2)</p> <ul style="list-style-type: none"> light grey compositional laminations continue to increase down hole, and tend to become thicker (up to 2-3 mm thick from ~ 62.5m) at 62.5 m, light grey laminations make up ~ 30 vol % of rock pyrite laminations (sometimes discontinuous) and pyritic fractures continue (< 1 vol %) 											
	"	21°			△													
	"	18°			△△													
	"	20°			△													
	"	17°			△△													
	"	21°			△△													
	"	21°			△△													
	"	20°			△△													
	"	13°			△△													
	"	15°			△△													
65	"	15°			△△													
	"	15°			△△													
	"	16°			△△													
	"	21°			△△													
	47	21°			△△													

clay-qtz-pyrite shear

CORDILLERAN ENGINEERING ————— DIAMOND DRILL RECORD

HOLE No. 79-51A

CLAIM: JASON 50

PROPERTY: JASON

PAGE No. 4 of 19

SECTION	COLOR	BEDDING	MINERAL	TEXTURE	FRACTURING	LITHOLOGY	COMMENTS:	% CORE RECOVERED	SAMPLE INTERVAL #	ASSAYS								
										%	%	%	oz/ton					
										Pb	Zn	Ba	Ag					
67		16°			Δ	70.60	DESCRIPTIVE GEOLOGY											
"		18°			Δ		dttb (A-2)											
"		28°			Δ													
70		25°			Δ													
"		15°			Δ			<u>A-2 (local A-2-a)</u>										
66		28°			Δ			• the light grey laminations of above become more numerous and become more silty.										
"		28°			Δ			• occasional f.g. sand bands occur and increase in number towards the sandstone contact										
"		25°			Δ			• unit is still generally non-silicified and weakly carbonaceous										
75		26°			Δ			• pyrite occurs as thin (~1mm thick), crystalline laminations (often discontinuous) bedding (<1 vol. %);										
"		24°			Δ			• pyrite ± quartz occurs filling fractures sub-parallel to bedding (2-3mm thick) - ~1% overall, increasing towards st										
"		25°			Δ													
"		25°			Δ													
80		25°			Δ													
"		30°			Δ													

stratigraphic top is down hole (criteria-sawing)

CORDILLERAN ENGINEERING ————— DIAMOND DRILL RECORD

HOLE No. 79-51A

CLAIM: JASON 58

PROPERTY: JASON

PAGE No. 14 of 19

SECTION	COLOR	BEDDING	MINERAL	TEXTURE	FRACTURING	LITHOLOGY	COMMENTS :	% CORE RECOVERED	SAMPLE INTERVAL NUMBER	ASSAYS								
										%	%	%	oz/ton					
										Pb	Zn	Ba	Ag					
	97						ditto (B-6-Eb) moderately - highly silicified from 218.10 to contact.											
	96																	
	96		Py, Qtz, Sst				Fault Zone - broken rock & gouge (Chy, qtz, pyrite) Poor core recovery											
220	98																	
	"																	
	94																	
	96																	
	"																	
225	94																	
	93																	
	93																	
	96																	
230	"																	
	96																	

DESCRIPTIVE GEOLOGY

ditto (B-6-Eb)
moderately - highly silicified from 218.10 to contact.

A-1 (silicified)
highly silicified with abundant (~20 vol%) quartz veins & veinlets carrying pyrite (1-2 vol%) and minor sphalerite and chalcopyrite.
"Knist"-like

A-2 / SS-1-fac Mixed
chaotic mixture of disturbed & reworked A-2 & SS-1.
probably soft schist slumping and mixing of A-2-E and SS-1-c.
local qtz ± sid., ± pyrite occur (~1 vol%)

SS-1-c
from 224.62 to 225.65 m some argillite mixed with sst or squeezed in along fractures.
significant siderite matrix in sst (overall ~20 vol%, locally 50-70 vol%).
qtz veins ± pyrite (max 8 cm thick, commonly 1-2 cm) 5 vol%.
~1 vol% diss. pyrite

A-2-a (local B-2-L)
disturbed A-2 due to slaty cleavage and slumping which give the rock a brecciated appearance.
occasional more rounded, trace argillite lgs in A-2-a matrix.

B-6-L
mtx - B-2-S w/ Arg 3, Sst 3 fch.

CORDILLERAN ENGINEERING ————— DIAMOND DRILL RECORD

HOLE No. 79-52 CLAIM: Jason 53 PROPERTY: Jason PAGE No. 3 of 14

SECTION	COLOR	BEDDING	MINERAL	TEXTURE	FRACTURING	LITHOLOGY	COMMENTS :	% CORE RECOVERED	SAMPLE INTERVAL & NUMBER	ASSAYS							
										ppm	ppm	ppm	cu				
										% Pb	% Zn	% Ba	oz/ton Ag				
33	Gg						ditto (A-1, Carbonaceous)										
35									35.57 (1.0)	18782	39	55	1480	59			
									36.57 (1.0)	18783	30	74	1590	43			
							37.57		37.57 (1.0)	18784	260	61	500	91			
							38.57		38.57 (1.0)	18785	250	72	530	80			
40	Gg R Yellow						39.57		39.57 (2.0)	18786	73	1030	1220	66			
							39.95										
							41.75		41.57 (1.0)	18787	53	140	1900	70			
							42.57										
45							46.73										

37.57 distorted Argillite and pyrite rock

- < 5 vol% sporadic light-dark grey alternated bands [argillite and grt barite] throughout in distorted and brecciated argillite
- 15-20 vol% of spherical pyrite aggregates (colloform common)
- strongly silicified

39.57 A-1 G5 heavier sp gr. (possibly amorphous pyrite)

Poor recovery (15.3%)

A-1 (Carbonaceous)

- slight non silicification
- g3 - sericite (some py) vit oftenly seen (1 vol% ±)
- fracture coated by white clay which smell of H₂S.

Fig 15 S 20 vit

G5 vit

SPY

CORDILLERAN ENGINEERING ————— DIAMOND DRILL RECORD

HOLE No. 79-52

CLAIM: Jason 53

PROPERTY: Jason

PAGE No. 5 of 14

SECTION M	COLOR	BEDDING	MINERAL TEXTURE	FRACTURING	LITHOLOGY	COMMENTS: DESCRIPTIVE GEOLOGY	% CORE RECOVERED	SAMPLE INTERVAL B NUMBER	ASSAYS							
									%	%	%	oz/ton				
									Pb	Zn	Bi	Ag				
69						<p>ditto (A-1, carbonaceous)</p> <ul style="list-style-type: none"> • fine pyrite dissemination recognizable after 60m ± (in 3 v. % in general) to 73m: • locally very fine Py vit stockworked and higher content of Py dissem. nearby. (2-5 v. %) • at 73.20m Graptolite found. 										
70																
71																
72																
73																
74																
75																
76																
77																
78																
79																
80																
81																
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91																
92																
93																
94																
95																
96																
97																
98																
99																
100																

ditto (A-1, carbonaceous)

- fine pyrite dissemination recognizable after 60m ± (in 3 v. % in general) to 73m:
- locally very fine Py vit stockworked and higher content of Py dissem. nearby. (2-5 v. %)
- at 73.20m Graptolite found.

3 Py vit 1-2%

Py dissem 3%

← 73.20 Graptolite

← 76.40 5cm sand sludge.

CORDILLERAN ENGINEERING ————— DIAMOND DRILL RECORD

HOLE No. 79-52

CLAIM: Jason 53

PROPERTY: Jason

PAGE No. 6 of 14

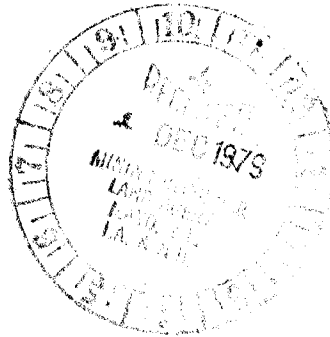
SECTION	COLOR	BEDDING	MINERAL	TEXTURE	FRACTURING	LITHOLOGY	COMMENTS :	% CORE RECOVERED	SAMPLE INTERVAL & NUMBER	ASSAYS				
										%	%	%	oz/ton	Ag
	Pb	Zn	Ba											
77	G ₉	black	Qz-Ser Py vit		Δ	LITHOLOGY	<p style="text-align: center; font-size: 1.2em;">ditto (A-1, Carbonaceous)</p> <ul style="list-style-type: none"> • from 76.5m ~ 85.95m distorted (brecciated in some) & broken rock. Qz-Ser and/or Py veinlets or fine veinlets bundles common. some py nodules locally Py dissemination 3%+. Fractures filled by white materials which smell of H₂S. 							
80	G ₉	"	Qz-Ser Py vit		Δ			} brecciated.						
	G ₇	"	Py 3%+		Δ			} brecciated						
	G ₈	yellow	Py 3%+		Δ									
	G ₈	"	Py 3%+		Δ				82.70 fine py vit bundle (1cm+)					
	G ₈	"	Py 3%+		Δ				} Py nodules (1x2 ^{cm}) Common.					
85	G ₇	"	Qz-Ser		Δ									
	G ₇	"	Qz-Ser		Δ									
	"	"			Δ				86.86 ^m Py splashy (contorted py bed?) in 5cm thickness.					
	"	"			Δ									
90	"	"			Δ									
	"	"			Δ									
	Black				Δ									

021288

1091 Kenogonaw, Canada Inc.

Sept 26/79

1994000



CONTRACT DRILLING DIVISION

PLEASE REMIT TO:

Longyear Canada Inc.
721 Aldford Avenue
ANNACIS ISLAND
NEW WESTMINSTER, B.C. V3M 5P5

INVOICE No.	7005
CUST. No.	6058
JOB No.	6256
DEST.	073

Longyear

LONGYEAR CANADA INC.

Box 330, NORTH BAY, ONTARIO, CANADA P1B 8H6

Cordilleran Engineering Limited,
1418-355 Burrard Street,
Vancouver, British Columbia
V6C 2G8

Ogilvie 1979 **ORIGINAL**
Invoice date: September 13, 1979
for August 1979

To: Invoice for diamond drilling performed on Jason, Yukon Property during period August 26-31, 1979 per agreement.

Hole No.	Size	From	To	Total	Rate	Amount
79-44 (50°)	Overburden	0	26	26	28.80	748.80 ✓
<u>Mobilization</u>						
Lump Sum 9,000.00 x 75%						6,750.00 ✓
<u>Tractor Rental</u>						
August 28-31, 1979 4/31 month x 5,800.00						748.39 ✓
<u>Unimog Rental</u>						
August 28-31, 1979 4/31 month x 500.00						64.52 ✓
<u>Core Boxes</u>						
500 NQ Wooden Core Boxes @ 5.50						2,750.00 ✓
<u>Drilling Mud and Additives.</u>						
720 bags Quik-gel @ 7.00						5,040.00 ✓ 5,644.00
<u>Client Charges</u>						
Per attached						1,045.00 ✓
<u>Move In To Hole 79-44</u>						
62 1/2 hours @ 59.00						3,687.50
92 1/2 hours @ 20.00						1,850.00
						5,537.50
<u>Reaming</u>						
Hole 79-44 4 hours @ 59.00						236.00

Copy to AS Hansen
for approval (Sept 20/79)

Sept 26

213 20.00
602 (60.00)
1997.00

CORDILLERAN ENGINEERING	
Client	Per Ogilvie
Project	Jason
Extended To	Sept 602
Approved	[Signature]

20,000.00
~~(60.00)~~
19,940.00

ISSUED BY / ÉMIS PAR
TransNorth TURBO AIR LTD.
 Box 4338 - Whitehorse, Yukon

PASSENGER TICKET AND BAGGAGE CHECK
 Subject to Conditions of Carriage Page 2
BILLING COUPON

BILLET DE PASSAGE ET BULLETIN DE BAGAGES
 Soumis aux Conditions de Transport Page 2
FACTURE COUPON

3-11227

ENDORSEMENTS / ENDOS / CHERVONS		NAME OF PASSENGER / NOM DU PASSAGER <i>Barbara J. Smith</i>		ORIGIN	DATE OF ISSUE / DATE D'ÉMISSION <i>08/18/79</i>	DATE AND PLACE OF ISSUE / DATE ET LIEU D'ÉMISSION <i>Whitehorse</i>	
NOT TRANSFERABLE / NON TRANSFÉRABLE		DESTINATION <i>ROSSIER</i>		IN EXCH. FOR / EN ÉCHANGE DE		FORM OF PAYMENT / MODE DE PAIEMENT <i>CASH</i>	
NOT VALID AFTER / NON VALABLE APRÈS LE		TAX / FOUR CODE / CODE 1		DATE AND PLACE OF ORIGINAL ISSUE / DATE ET LIEU DE PREMIÈRE ÉMISSION		FORM OF PAYMENT / MODE DE PAIEMENT <i>CASH</i>	
X/O NOT GOOD FOR PASSAGE / NON VALABLE POUR TRANSPORT		TARE BASIS / BASE TARIF	ALLOW / BRANCH	CARRIER / TRANSPORT	FLT. / CLASS / VOL. / CLASSE	DATE	TIME / HEURE
FROM		UNCK / WT		PCS / NB		UNCK / WT	
DE WHITEHORSE		UNCK / WT		PCS / NB		UNCK / WT	
TO		UNCK / WT		PCS / NB		UNCK / WT	
A ROSSIER		UNCK / WT		PCS / NB		UNCK / WT	
TO		UNCK / WT		PCS / NB		UNCK / WT	
A -VOID-		UNCK / WT		PCS / NB		UNCK / WT	
FARE / PRIX	EXC BGE	TOTAL		APPROVED			
00.00		00.00		602			
TAX				7.10			
TAXE							

DO NOT MARK OR WRITE IN WHITE AREA ABOVE / NE RIEN INSCRIRE DANS LA PARTIE BLANCHE CI-DESSUS

THIS IS YOUR ONLY INVOICE

Phone 603-5105

1847

TO Canadian Longyear

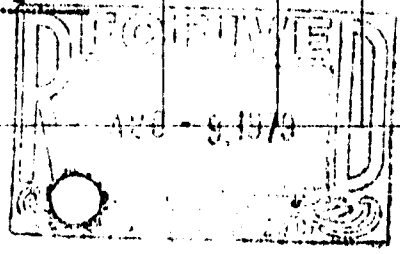
INVOICE DATE July 31 1971	SALESMAN
SHIP TO	

YOUR ORDER NO.	DATE SHIPPED	SHIPPED VIA	F.O.B. POINT	TERMS
QUANTITY		DESCRIPTION		UNIT PRICE TOTAL
		To haul Komatsu 5 Cut with blade from Rose River to Mile 123 canal road and return to Rose River		
		24 hours @ \$45.00 per hour		1,080.00
		255 miles @ \$2.75 per mile		701.25
		PAY FROM NORTH BAY		
		Approved by _____		1,781.25
		Charged to _____ 1781.25		

CLIENT PORTION
 75% of \$1080.00 = \$810.00 ✓

DUPLICATE

Thank You



0 T2
 0 T1
 81000 ✓ 2
 23500 ✓ 2
 104500 T2
 0 T1

INVOICE

Mac MILLAN SERVICES
ROSS RIVER, YUKON Y0B 1S0

Phone: 969-2233

OUR NUMBER	00364
DATE	AUG. 14/79
TERMS	
CUSTOMER'S ORDER	

Straight Bill of Lading _____
Point of origin ROSS-RIVER Destination MAC PASS

Consignment to LONGYEAR CANADA INC.

Address 721 ALDFORD ANNACIS ISLAND
NEW WESTMINSTER B.C. V8H 5P5

✓ LOAD

NO. PIECES	DESCRIPTION OF ARTICLES	GROSS HEIGHT	RATE MILE <input type="checkbox"/> HOUR <input type="checkbox"/>	FREIGHT CHARGES
5 ✓	10x10x16		CALCULATE DATE	
6 ✓	10x2x16			
8 ✓	PAIS EP HYDRAULIC			235.-
5 ✓	DURALIFE GREASE PK. S.			
2 ✓	PAIS ANTI FREEZE			
9 ✓	DRUMS SOLUBLE OIL to 10-25 PROPANE			
2	WATER TROUGHS; PAIS			
32/320 Cubic 179 TOTAL FREIGHT CHARGES				235.- ✓

RECEIVED IN GOOD ORDER

Shige Stand 4

32/320

NOTE: ARTICLES WILL NOT BE ACCEPTED FOR SHIPMENT UNLESS IN GOOD ORDER AND PROPERLY PACKED.

1152

Longyear Canada

Oct 22/1911

72853 33

CONTRACT-DRILLING DIVISION

PLEASE REMIT TO:

Longyear Canada Inc.
721 Alford Avenue
ANNACIS ISLAND
NEW WESTMINSTER, B.C. V6M 5P5



INVOICE No.	7119
CUST. No.	6058
JOB No.	6256
DEST.	073

LONGYEAR CANADA INC.

Box 330, NORTH BAY, ONTARIO, CANADA P1B 8H6

Cordilleran Engineering Ltd.,
1418-355 Burrard Street,
Vancouver, British Columbia
V6C 2G8

Ogilvie 1979
Invoice date: October 2, 1979
for September 1979

To: Invoice for diamond drilling performed on Jason, Yukon Property during period September 01-15, 1979 per agreement.

Hole No.	Size	From	To	Total	Rate	Amount
79-44 (50°) ✓	Overburden	26	50 ✓	24 ✓	28.80	691.20
79-44	Overburden	50	100 ✓	50 ✓	32.20	1,610.00
79-44	NQ Wireline	100	189 ✓	89 ✓	24.00	2,136.00
79-45 (50°)	Overburden	0	50 ✓	50 ✓	28.80	1,440.00
79-45	Overburden	50	52 ✓	2 ✓	32.20	64.40
79-45	NQ Wireline	52	489 ✓	437 ✓	24.00	10,488.00
79-47 (50°)	Overburden	0	50 ✓	50 ✓	28.80	1,440.00
79-47	Overburden	50	100 ✓	50 ✓	32.20	1,610.00
79-47	Overburden	100	192 ✓	92 ✓	32.20	2,962.40
79-47	NQ Wireline	192	500 ✓	308 ✓	24.00	7,392.00
79-47	NQ Wireline	500	545 ✓	45 ✓	26.90	1,210.50
79-46 (55°)	Overburden	0	50 ✓	50 ✓	28.80	1,440.00
79-46	Overburden	50	100 ✓	50 ✓	32.20	1,610.00
79-46	Overburden	100	200 ✓	100 ✓	32.20	3,220.00
79-46	NQ Wireline	200	500 ✓	300 ✓	24.00	7,200.00
79-46	NQ Wireline	500	873 ✓	373 ✓	26.90	10,033.70
				2070		54,548.20

Tractor Rental

September 01-15, 1979 15/30 month x 5,800.00 ✓ 2,900.00

Unimog Rental

September 01-15, 1979 15/30 month x 500.00 ✓ 250.00

Core Boxes

235 HQ Core Boxes with lids @ 5.50 1,292.50
West Coast Cartage Co. Ltd. (attached) ✓ 55.00
1,347.50

Client Charges

Per attached 1,794.15

Client Testing

Hole 79-44 2 hours @ 59.00 ✓ 118.00
Hole 79-45 5 hours @ 59.00 ✓ 295.00
Hole 79-47 3 hours @ 59.00 ✓ 177.00
Hole 79-46 5 hours @ 59.00 ✓ 295.00
885.00

TELEPHONE 705-474-2800

TELEX 067-76194

CABLE-LONGYEAR

TERMS-NET 30 DAYS-INTEREST CHARGED AT 18 PERCENT PER ANNUM ON OVERDUE ACCOUNTS

Longyear

INVOICE No.	7119
CUST. No.	
JOB No.	
DEST.	

LONGYEAR CANADA INC.

Box 330, NORTH BAY, ONTARIO, CANADA P1B 8H6

Cordilleran Engineering Limited
2...

Moves

<u>Hole 79-44 to 79-45</u>			
20 hours @ 59.00 ✓	1,180.00		
10 hours @ 20.00 ✓	<u>200.00</u>		1,380.00
<u>Hole 79-45 to 79-47</u>			
16 hours @ 59.00 ✓	944.00		
21 hours @ 20.00 ✓	<u>420.00</u>		1,364.00
<u>From Hole 79-47</u>			
1 hour ✓			59.00
<u>Move To Hole 79-46</u>			
17 hours @ 59.00 ✓	1,003.00		
80 hours @ 20.00 ✓	<u>1,600.00</u>		2,603.00
			5,406.00

Grouting

<u>Hole 79-45</u> ✓			
1 hour			59.00
2 NQ Grout Plugs @ 82.50	165.00		
Plus 12%	<u>19.80</u>		
			<u>184.80</u>
			243.80

Reaming

<u>Hole 79-44</u>			
6 hours @ 59.00 ✓			354.00
<u>Hole 79-45</u>			
11 hours @ 59.00 ✓	649.00		
1 NQ Bit GR5935 ✓	415.00		
1 NQ Bit Y7011 ✓	551.60		
Prorated recovery-see later invoice	-		
	<u>966.60</u>		
Plus 12%	<u>115.99</u>		
			<u>1,082.59</u>
			1,731.59

TELEPHONE 705-474-2800

TELEX 067-76194

CABLE—LONGYEAR

TERMS—NET 30 DAYS—INTEREST CHARGED AT 18 PERCENT PER ANNUM ON OVERDUE ACCOUNTS

Longyear

INVOICE NO.	7119
CUST. No.	
JOB No.	
DEST.	

LONGYEAR CANADA INC.

Box 330, NORTH BAY, ONTARIO, CANADA P1B 8H6

Cordilleran Engineering Ltd.
3...

Hole 79-47			
13 hours @ 59.00 ✓		767.00	
1 NW Shoe E2991 ✓	119.00		
Plus 12%	<u>14.28</u>		
		<u>133.28</u>	
			900.28
Hole 79-46			
10 hours @ 59.00 ✓		590.00	
1 NW Shoe E3828 ✓	119.00		
Plus 12% ✓	<u>14.28</u>		
		<u>133.28</u>	
			<u>723.28</u>
			3,709.15

Left in Holes

Hole 79-44			
10 HQ 10 foot rods (as NW Casing) ✓	@ 90.20	902.00	
1 HQ-NW Sub ✓		73.40	
1 NW Shoe E1932 ✓		119.00	
E 3883?		<u>1,094.40</u>	
Plus 12%		<u>131.33</u>	
			1,225.73

Hole 79-45			
5 HQ 10 foot rods (as NW Casing)	@ 90.20	451.00	
1 HQ-NW Sub		73.40	
1 NW 2 foot Casing		28.35	
1 NW Shoe E4891 ✓		119.00	
		<u>671.75</u>	
Plus 12%		<u>80.61</u>	
			<u>752.36</u>
			1,978.09

CORDILLERAN ENGINEERING	
Client	<i>Pan. ...</i>
Project	<i>Jesna</i>
213	73,061.89
602	(208.56)
Extensians	
Voucher No.	
Approved	<i>72,853.33</i>

Less General Enterprises — 208.56

72,853.33

TELEPHONE 705-474-2800

TELEX 067-76194

CABLE—LONGYEAR

TERMS NET 30 DAYS—INTEREST CHARGED AT 18 PERCENT PER ANNUM ON OVERDUE ACCOUNTS

Date Paid

600 CALDEW ST., ANNALIS IN
NEW WESTMINST
OFFICE PHONE
526-9515

SERIAL ESTATES
U.C.
DISPATCH PHONE
426-9755

DATE

APR 20 1974

NO. OF
LOADING
NUMBER

4-174

FROM
E.E. WILSON
5741 BERRY RD ST

TO
12111 1/2 AVE

SHIPPER'S SIGNATURE

SHIPPER'S NO.

CHARGE TO (IF OTHER THAN ABOVE)

PREPAID
COLLECT
SPECIAL

C O D
AMOUNT
FEE
TOTAL
CERTIFIED CHEQUE
OR CASH ONLY

TERMS AND CONDITIONS Conditions of Carriage as prescribed by regulations of the Province of B.C. respecting Motor Carrier Services are hereby incorporated by reference and govern transportation services performed under this Bill of Lading.

NO PCK	DESCRIPTION	WEIGHT OR VOLUME	HOURS	FREIGHT CHGS		
70	BOLES CORE BOXES & COVERS #3500					
	38/320					
	0.50/1 "Blue Blend"					
EXTRA TIME						
				TOTAL	33	00

PICK UP DRIVER: [Signature] DELIVERY DRIVER: [Signature] RATE OR CLASS: [Signature] RECEIVED ABOVE SHIPPER'S SIGNATURE AND PAYMENT GOOD ORDER (EXCEPT AS NOTED)

TRACTOR CUBIC MEASUREMENT WEIGHT
FLAT DECK TERMS: NET 7 DAYS INTEREST: [Signature]

OFFICE PHONE
526-9515

NEW WESTMINSTER, B.C.

DISPATCH PHONE:
529-2188

DATE NOV 28 1977 **JP** **NO. OF LADING** **4474**

FROM E.G. WHALLEY SON
5791 HERESFORD ST

TO LONG YEAR CANADA
721 ALDFORD AVE
ANNACIS IS

SHIPPER'S SIGNATURE
[Signature]

SHIPPER'S NO.
4335141

PREPAID

C AMOUNT

CHARGE TO (IF OTHER THAN ABOVE)

COLLECT

O FEE

TERMS AND CONDITIONS "Conditions of Carriage as prescribed by regulations of the Province of B.C. respecting Motor Carrier Services are hereby incorporated by reference and govern transportation services performed under this Bill of Lading."

SPECIAL

D TOTAL
CERTIFIED CHEQUE OR CASH ONLY

NO	PCS	DESCRIPTION	WEIGHT OR VOLUME	HOURS	FREIGHT CHGS.
22		BDLES CORF BOXES + COVERS #1320			
		<u>320</u>			
		<u>30/100</u>			
		<u>[Signature]</u>			
		EXTRA TIME			
TOTAL					22.00

PICK UP DRIVER
[Signature]

DELIVERY DRIVER
[Signature]

RATE OR CLASS RECEIVED ABOVE SHIPMENT IN APPARENT GOOD ORDER (EXCEPT AS NOTED)
[Signature]

VAN. TRACTOR CUBIC MEASUREMENT CUBIC WEIGHT
TR. TRAILER FLAT DECK TERMS: NET 7 DAYS INTEREST AT 1 1/2 PER MONTH MAY BE CHARGED ON OVERDUE ACCOUNT

0 T2
 0 T1
 51250 * 2
 25200 * 2
 81000 * 2
 21965 * 2
 179475 T2
 0 T1

ARROW

ARROW TRANSPORTATION SYSTEMS INC.

70 SEYMOUR BLVD., NORTH VANCOUVER, B.C., CANADA V7J 2J3 • TELEPHONE (604) 985-2111 • TELEX 04-352-650

24074

PAGE 1

INVOICE NUMBER 65861

CANADIAN LONGYEAR LTD
 721 ALDFORD AVE.
 NEW WESTMINSTER, B.C.

V3M 5P5

SHIPPER
PLANT
CONSIGNEE
PLANT

INVOICE DATE 9/12/79	ORIGINATING LOCATION ANNACIS I.	TERMINATING LOCATION CANOE HWY. YT	INTERLINING CARRIER & RETURN
SHIPPING DATE	COMMODITY GROUP	TRUCK NO. 979	TRAILER NO. 140
		TRIP NO. VAR	BILLER DM
			CUSTOMER ORDER NO.

NO. PIECES	DESCRIPTION	WEIGHT	RATE	AMOUNT
1	SEPT 7, 10/79 LOAD MISC. MINING EQUIP. RETURN LOAD CONTRACTORS EQUIP ROUND TRIP			5,950.00
	LOADING & UNLOADING IN YT. - 9 HRS EXCESSIVE TIME - 5 HRS @ \$65.00/H			325.00
	<i>Charge to 32/609 Ogilvie - 512.50</i>			
	<i>32/320 Ogilvie - 512.50</i>			
	<i>32/320 Place of Pass - 512.50</i>			
	<i>1025.00</i>			

*Note: Ross River to MacLass
 & Return to Ross - 700.00
 And 4. Unload - 325.00
 1025.00*

Approved by _____
 SEP 19 1979

I hereby agree, as to each carrier of all or any of said goods over all or any portion of said route to destination, and each party as any time interested in all or any of said goods, that every service to be performed hereunder shall be subject to all the terms and conditions (which are hereby incorporated by reference and have the same force and effect as if the same were separately, fully and specifically set forth herein):

- approved by the Board of Transport Commissioners for Canada by General Order No. T-5, dated February 1, 1965 set forth in the Canadian Freight Classification and also available at all Railway agents stations and freight offices upon request, when said goods are carried by a Railway carrier;
- of the bill of lading of the water carrier as provided in its tariff of Rules and Regulations when said goods are carried by a water carrier; or
- of the bill of lading set forth in or prescribed by the relevant tariff, classification, statutes and regulations pertaining to motor carrier's services when said goods are carried by a motor carrier; or
- of the Merchandise Receipt approved by the Board of Transport Commissioners for Canada by General Order No. T-23, dated February 1, 1965, and set forth in Express Classification for Canada in effect on the date and which are agreed to by the shipper and accepted for himself and his assigns.

SALES TAX

TOTAL \$6,275.00

BRIFIGHT K CASH

THIS IS YOUR INVOICE
 CUSTOMER'S COPY



CROWN AIRLINES LTD.

ROSS RIVER, YUKON. YOB 1S0
Phone (403) 969-2524

FIXED
WING AIRCRAFT
WHEELS, SKIS, FLOATS

PROJECT: O.J.V. CHARTER TICKET N^o 45
 AIRCRAFT C-441D DATE AUG 26/79
 NAME LONGYEAR
 ADDRESS _____

From	MILES	HOURS	CARGO	PASSENGER/REMARKS
ROSS				
to ARC PASS	115			3 DRILLERS
ROSS	115			
PAY FROM NORTH BAY				
Approved by _____				
Charge to <u>301670</u> <u>Dairline</u>				

SPECIAL INSTRUCTIONS	@	PER HOUR		
	230	@ 11 ⁰⁰ PER MILE	252	00
WAITING TIME		PER HOUR		
MINIMUM LEGS		PER LEG		
OTHER				
		TOTAL CHARGES	252	00

W. Shiner Pilot's Signature R.A. Base George Gruber Charterer's Authorization

KOLOGY ENGINEERS
 9174 Alaska Highway
 Whitehorse, Yukon Y1A 3E5

1918

Phone 668-5186

Canadian Longyear

INVOICE DATE August 31, 1979	SALESMAN
---------------------------------	----------

ORDER NO	DATE SHIPPED	SHIPPED VIA	F.O.B. POINT	TERMS	QUANTITY	DESCRIPTION	UNIT PRICE	TOTAL
						To load and haul cat to Sekie Creek		
						240 miles @ \$2.75 per mile		660 00
						18 hours @ \$45.00 per hour PAY FROM NORTH BAY		810 00
						Charges 32/609 Ogdona 77 - 660.00		1,470 00
						32/320 Ogdona 79 - 810.00		
						Charges 32/320 Ogdona 79 - 810.00		
						1470.00		

ORIGINAL

Thank You

KOLOGY ENTERPRISES LTD.

AND/OR

YUKON TERRITORIAL VENTURES LTD.

917.4 ALASKA
HIGHWAY
WHITEHORSE, YUKON
Y1A 3E5

PHONE 668-5186

Personalized Service

STRAIGHT BILL OF LADING—ORIGINAL—NOT NEGOTIABLE

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Original Bill of Lading, at Whitehorse (Point of Origin) Aug 15 1977 (Date)

From Whitehorse (Shipper)

The goods described below, in apparent good order, except as noted (contents and condition of packages unknown), marked, consigned, and destined as shown below, which said Carrier agrees to carry and deliver to said Consignee at said destination, if on its own route otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said goods over all or any portion of said route to destination and as to each party at any time interested in all or any of said goods, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, and which are hereby agreed to by the shipper and accepted for himself and his assigns.

Consigned to Longyear Panache Ltd.
Destination Whitehorse Yukon Territory Province (State)

Route

No. Pieces	DESCRIPTION OF ARTICLES AND SPECIAL MARKS	Gross Weight Subject to Correction	Rate	Freight Charges	Mark Prepay or Collect with X	Prepay	Collect
	load and haul soil to job site at Seki creek via the south canal road and skid road return to River			18 M X 4/5 ⁰⁰	Storage Charge		
					Advance Charge		
					C O D Service Charge		
					C O D		
					Freight		
	2410 miles from Whitehorse to Ross River			2 3/4 per mile			
	Ross River to job site				TOTAL		
	and return 18 M.				Charge to Account		

NOTE: Articles will not be accepted for shipment unless properly packed and addressed

Received in Good Order X B No. 1

Shipper _____ Carrier Rocky Mountain

Per _____ Per _____

(This Bill of Lading is to be signed by the shipper and the carrier issuing same.)



Chevron Canada Limited

1500 - 1050 West Pender Street, Vancouver, B.C. V6E 3T4

INVOICE



DATE
INVOICE
REF. NO.

TERMS: PAYMENT DUE 10TH OF MONTH
FOLLOWING PURCHASE. NO DISCOUNT.

D. TO
M

TANK CAR NO.

PRICE FOB
YOUR ORDER

FRT.

NUMBER OF PACKAGES AND DESCRIPTION



QUANTITY



NET PRICE



PERCENTAGE



TOTAL PRICE



AMOUNT

32/320 Ogilvie



General Enterprises

Building Supplies



117 INDUSTRIAL RD. — WHITEHORSE, YUKON Y1A 2T8 PHONE 667-6206 — TELEX 036-8254

ORDER TO

4
 CORDILLERON ENGINEERING
 1418- 355 BURRARD ST.
 VANCOUVER, B. C.

SHIP TO: *McMillan Services*
Ross River

DATE *24 09, 77*

CUSTOMER'S ORDER NO.		CUSTOMER'S PROJECT		SALESMAN	PICK UP	DATE TO BE SHIPPED	VIA	INVOICE NUMBER		
				<i>12</i>		<i>ASAP</i>	<i>FRONTIER</i>	<i>22851112</i>		
ORDERED	UNIT	DESCRIPTION	TX CODES	SHIPPED	PRICE	UNIT	MULTIPLIER	EXTENSION		
<i>2</i>	<i>skts</i>	<i>3/4" Sheathing</i>	<i>57</i> 459.0	<i>2</i> 2	<i>20.40</i> 20.40	<i>E</i> E	<i>Net</i>	<i>40.80</i>		
<i>12</i>	<i>skts</i>	<i>1/2" sheathing</i>	<i>57</i> 459.0	<i>12</i> 12	<i>13.98</i> 13.98	<i>E</i> E	<i>Net</i>	<i>167.76</i>		
FEDERAL SALES TAX		TAXABLE AMT.	%	Date Paid	MISCELLANEOUS CTG/FRT, ETC.		TOTAL PURCHASE	208.56		
							TOTAL INVOICE	208.56		

SEARCHED
 INDEXED
 SERIALIZED
 FILED
 OCT 11 1977
 FBI - VANCOUVER
602 [Signature]

1184

Lempereur Canada Inc. Nov 5/79

60 777 59

CONTRACT DRILLING DIVISION

Longyear

INVOICE No.	7120
CUST. No.	6058
JOB No.	6256
DEST.	073

LONGYEAR CANADA INC.

Box 330, NORTH BAY, ONTARIO, CANADA P1B 8H6

Cordilleran Engineering Limited

page 3

Client Testing

Hole 79-49	2 hours	@ \$59.00	118.00
Hole 79-46	3 hours	@ \$59.00	177.00
Hole 79-48	1 hour		<u>59.00</u>

354.00

Move Between Holes

Hole 79-47 to 79-49

18 hours	@ \$59.00	1,062.00	
24 hours	@ \$20.00	<u>480.00</u>	
			1,542.00

Hole 79-46 to 79-48

40 hours	@ \$59.00	2,360.00	
51 hours	@ \$20.00	<u>1,020.00</u>	
			3,380.00

Hole 79-48 to 79-50

12 hours	@ \$59.00		<u>708.00</u>
----------	-----------	--	---------------

5,630.00

\$60,777.59

CORDILLERAN ENGINEERING	
Client	<i>asv-10</i>
Project
	<i>213</i>
Extensions
Voucher No.
Approved	<i>[Signature]</i>
Date

*1184
Nov 5/79*

CONTRACT DRILLING DIVISION

Longyear

INVOICE NO.	7120
CUST. NO.	6058
JOB No.	6256
DEST.	073

LONGYEAR CANADA INC.

Box 330, NORTH BAY, ONTARIO, CANADA P1B 8H6

Cordilleran Engineering Limited

- page 2

Tricone Drilling

Hole 79-49

32 hours @ \$59.00		1,888.00	
1 Tricone 3-7/8"	116.55		
Plus 12%	<u>13.99</u>		
		<u>130.54</u>	
			2,018.54

Reaming

Hole 79-49

14 hours @ \$59.00 826.00

Hole 79-46

7 hours @ \$59.00 413.00

Hole 79-45

Prorated recovery re GR.5935 - Y.7011 -
see later invoice -

Hole 79-48

2 hours @ \$59.00		118.00	
3 HQ 10' Rods @ \$90.20	270.60		
3 NW 2' Casing @ \$28.35	85.05		
2 HQ -NW Adapters @ \$73.40	146.80		
1 NW Shoe E.3507	<u>119.00</u>		
	621.45		
Plus 12%	<u>74.57</u>		
		<u>696.02</u>	
			814.02

Hole 79-50

4 hours @ \$59.00 236.00

2,289.02

CONTRACT DRILLING DIVISION

PLEASE REMIT TO:

Longyear Canada Inc.
 721 Aldford Avenue
 ANNACIS ISLAND
 NEW WESTMINSTER, B.C. V3M 5P5

INVOICE NO.	7120
CUST. NO.	6058
JOB NO.	6256
DEST.	073



LONGYEAR CANADA INC.

Box 330, NORTH BAY, ONTARIO, CANADA P1B 8H6

Cordilleran Engineering Limited
 1418 - 355 Burrard Street,
 Vancouver, B.C. V6C 2G8

Ogilvie 1979
 Invoice date: October 12, 1979
 for September, 1979

To: Invoice for diamond drilling performed on Jason, Yukon Property,
 during period September 16-30, 1979, per agreement

Hole No.	Size	From	To	Total	Rate	Amount
79-49 (57)	Overburden	Ø	50	50	28.80	1,440.00
79-49	Overburden	50	80	30	32.20	966.00
79-49	HQ Wireline	80	114	34	28.80	979.20
79-49	3-7/8" Tricone	114	140	26	Hourly rate	-
79-49	HQ Wireline	140	500	360	28.80	10,368.00
79-49	HQ Wireline	500	760	260	32.20	8,372.00
79-46 (55)	NQ Wireline	873	909	36	26.90	968.40
79-48 (55)	Overburden	Ø	30	30	28.80	864.00
79-48	NQ Wireline	30	287	257	24.00	6,168.00
79-50 (55)	Overburden	Ø	20	20	28.80	576.00
79-50	NQ Wireline	20	500	480	24.00	11,520.00
79-50	NQ Wireline	500	579	79	26.90	2,125.10
				1662		44,346.70

Tractor Rental

September 16-30, 1979 15/30 month x \$5,800.00 2,900.00 ✓

Unimog Rental

September 16-30, 1979 15/30 month x \$500.00 250.00 ✓

Core Boxes

West Coast Cartage Co. Ltd. (attached) 33.00 ✓

Fuel

White Pass Petroleum Services (attached) 612. (2,130.33) ?

Transportation

Joseph Giuliano (attached) 826.00 ✓

THIS IS YOUR INVOICE

DELIVERY INVOICE NO. 982774

WHITE PASS PETROLEUM SERVICES

THE BRITISH YUKON NAVIGATION CO., LTD.
 P.O. Box 4070 Whitehorse, Yukon
 510 W. Hastings St. Vancouver 2, B.C.

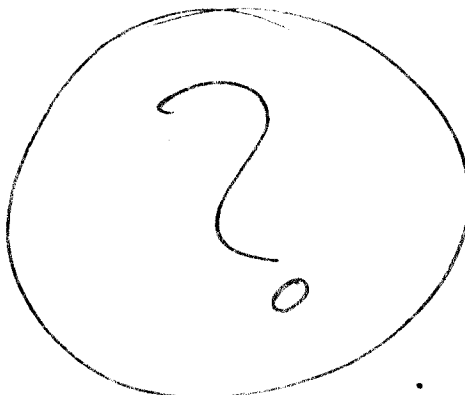
STATION ROSS-RIVER	DATE 89 AUG. 13/79
SHIPPED TO	TRUCK NO.
	TRIP NO.

SOLD TO (PRINT) LONG YEAR CANADA INC.	14626	CUSTOMER'S ORDER OR REQ. NO.
ADDRESS	WP. NO.	LOC.
		DELIVERED BY

PRODUCTS DELIVERED	SIZE OF PACKAGE	CODE	QUANTITY	PRICE	AMOUNT
EP. HYDRAULIC	8-PAIL	2603	1 160L	1.08	172.80
DURALITE GREASE	5PKS.	4052	2 5PKS.	13.29	66.45
ANTI FREEZE	2-CANS	5702	1 36.4L	5.925	215.67
SOLUBLE-OIL	9-DR.	2451	1 187.2L	1.135	2130.33

Handwritten: PAY FROM WORTH BAY
 3x/323 Ogilvie 454.92
 Cha 2 * 32/320 Ogilvie 2130.33
 32/325 ✓ ✓ 135.00
 720.25 GALS. @

PRODUCTS RECEIVED G. Kasper 6.1979	RECEIVED PAYMENT	910.39	9	15.00	135.00
BY	CASH	DRUM CHARGES	DRUM CREDITS		
APPROVED	CHEQUES	EXCH.	TERMS - NET CASH (NO DISCOUNT)	TOTAL	2720.35
CHECKED	TOTAL				




STATEMENT

JOSEPH GIULIANO
 2820 WEST 10TH AVE.
 VANCOUVER, B.C.
 V6K. 2K5.

DATE SEPT. 2 1979

CANADIAN LONGYEAR LTD.
721 ALDFORD ANNACIS ISLD.
P.O. 4332.

DATE	DETAILS	DEBIT	CREDIT	BALANCE
	LOAD AT ANNACIS ISLD. 7HR	23 ⁰⁰		161 ⁰⁰
	UNLOAD AT MACMILLAN PASS 3HR	23 ⁰⁰		69 ⁰⁰ *
	FRONT HAUL QUOTE. TO ROSS RIVER		3100 ⁰⁰	
	ROSS RIVER TO MAC PASS 8HR @ 43 ⁷⁵		344 ⁰⁰ *	
	PERMITS		\$3674 ⁰⁰	
			5150	
			\$3725 ⁵⁰	
	LESS FUEL @ ROSS RIVER		52 ³⁹	
			\$3673 ¹¹	
	32/609 Overtime '79	-	5360 ¹¹	
	32/520 " "	-	41300	
			\$4673 ²¹	
	Thanks You Joseph Giuliano			

#413⁰⁰ ok 

For use in connection with Form of Straight Bill of Lading as Regulations Governing Highway Traffic.
TO BE ISSUED IN TRIPPLICATE

Name of Issuing Carrier Joseph Giuliano

Address 2820 WEST 10TH AVE.

STRAIGHT BILL OF LADING—NOT NEGOTIABLE

RECEIVED, Subject to the classifications and tariffs in effect on date of issue of this Original Bill of Lading.
At LONGYEAR ANNARIS ISLAND, Date 8/22 1979
(Point of Origin)

Received at point of origin on this date from the shipper, the goods herein described, in apparent good order, except as noted (contents and condition of contents of packages unknown) marked, consigned, and destined as indicated below, which the carrier agrees to carry and deliver to the consignee at the destination if on its own route, otherwise to deliver to another carrier on the route to the destination.

It is agreed as to each carrier of all or any of the goods over all or any portion of the route to destination, and as to each party at any time interested in all or any of the goods, that every service to be performed hereunder shall be subject to all the conditions, whether printed or written, herein contained, including conditions on back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

CONSIGNEE TO LONGYEAR

Destination MACMILLIAN PASS. Province YUKON.

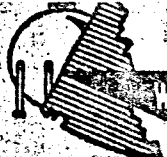
No. Pkgs.	Description of Articles and Special Marks	WEIGHT Subject to Correction	RATE	\$	C	If charges are to be prepaid, write or stamp here, "To be Prepaid."
	UNITIZED 44 DRILL MUD TANK, ROD SLOOP, TOWER, BASKET, & Misc. DRILLING EQUIPT. LONGYEAR P/O 4332.					

George Giuliano

DIMENSIONS	TOTAL CUBIC FT.	DIMENSIONAL WT	VALUATION AMOUNT \$	Maximum Liability of Carrier is \$1.00 per lb. Unless Declared Valuation States Otherwise
------------	-----------------	----------------	---------------------	---

SHIPPER Joseph Giuliano NAME OF CARRIER

20-1
20-2
20-3
20-4
20-5
20-6
20-7
20-8
20-9
20-10



WHITE PASS PETROLEUM SERVICES

THE BRITISH YUKON NAVIGATION CO., LTD.
P.O. Box 4070 510 W. Hastings St.
Whitehorse, Yukon Vancouver 2, B.C.

THIS IS YOUR INVOICE

DELIVERY INVOICE NO. **982499**

STATION <i>Porra Porra</i>	DATE <i>26 Aug</i>	19 <i>70</i>
SHIPPED TO	TRUCK NO.	TRIP NO.

SOLD TO (PRINT) *Canadian Longways*

ADDRESS _____

WP. NO. _____ LOC. _____

CUSTOMER'S ORDER OR REQ. NO. _____

DELIVERED BY _____

FORM PET 889 COM 78

PRODUCTS DELIVERED	SIZE OF PACKAGE	CODE	QUANTITY	PRICE	AMOUNT
<i>46 Gallons Diesel Fuel</i>			<i>46 gal</i>	<i>0.949</i>	<i>43.454</i>
<i>Tax</i>				<i>2.14</i>	<i>2.14</i>

TAX (SPECIFY) _____ GALS. @ _____

PRODUCTS RECEIVED	RECEIVED PAYMENT	DRUM CHARGES	DRUM CREDITS	TOTAL
	CASH _____			
BY <i>[Signature]</i>	CHEQUES _____	TERMS - NET CASH (NO DISCOUNT)		
	APPROVED _____	EXCH. _____	TOTAL	
CHECKED _____	TOTAL _____			

CONTRACT DRILLING DIVISION

PLEASE REMIT TO

Longyear Canada Inc.
 721 Aldford Avenue
 ANNACIS ISLAND
 NEW WESTMINSTER, B.C. V3M 5P5

INVOICE NO.	7241
CUST. NO.	6058
JOB NO.	6256
DEST.	073



LONGYEAR CANADA INC.

Box 330, NORTH BAY, ONTARIO, CANADA P1B 8H6

Cordilleran Engineering Ltd.,
 1418-355 Burrard Street,
 Vancouver, British Columbia
 V6C 2G8

Ogilvie 1979
 Invoice date: November 2, 1979
 for October 1979

To: Invoice for diamond drilling performed on Jason, Yukon Property during period October 01-25, 1979 per agreement.

Hole No.	Size	From	To	Total	Rate	Amount
79-49 (57)	HQ Wireline	760 ✓	925 ✓	165	32.20	5,313.00
79-51 (60)	Overburden	Ø	13 ✓	13	28.80	374.40
79-51A (60)	Overburden	Ø	50 ✓	50	28.80	1,440.00
79-51A	Overburden	50	100 ✓	50	32.20	1,610.00
79-51A	Overburden	100	120 ✓	20	Hourly Rate	-
79-51A	HQ Wireline	120	500 ✓	380	28.80	10,944.00
79-51A	HQ Wireline	500	519 ✓	19	32.20	611.80
79-51A	NQ Wireline	519	1000 ✓	481	26.90	12,938.90
79-51A	NQ Wireline	1000	1002 ✓	2	26.90*	53.80
79-50 (55)	NQ Wireline	579 ✓	1000 ✓	421	26.90	11,324.90
79-50	NQ Wireline	1000	1305 ✓	305	26.90*	8,204.50
79-52 (50)	Overburden	Ø	37 ✓	37 ✓	28.80	1,065.60
79-52	NQ Wireline	37	500 ✓	463	24.00	11,112.00
79-52	NQ Wireline	500	687 ✓	187	26.90	5,030.30
				<u>2593</u>		<u>70,023.20</u>

*Subject to negotiation

Tractor Rental

October 01-24, 1979 24/31 x 5,800.00 ✓ 4,490.32

Unimog Rental

October 01-24, 1979 24/31 x 500.00

Client Testing

Hole 79-49 ✓ 2 hours @ 59.00
 Hole 79-51A 3 hours @ 59.00
 Hole 79-50 5 hours @ 59.00
 Hole 79-52 2 hours @ 59.00

Grouting

Hole 79-51A ✓
 1 hour
 1 HQ Grout Plug 137.50
 Plus 12% 16.50

CONTRACT DRILLING DIVISION

INVOICE No.	7241
CUST. No.	
JOB No.	
DEST.	

Longyear

LONGYEAR CANADA INC.

Box 330, NORTH BAY, ONTARIO, CANADA P1B 8H6

Cordilleran Engineering Ltd.
2...

Hole 79-52 ✓			
1 hour		59.00	
1 NQ Grout Plug	82.50		
Plus 12%	<u>9.90</u>		
		<u>92.40</u>	
			<u>151.40</u>
			364.40

Move Between Holes

Hole 79-49 to 79-51			
30 hours @ 59.00 ✓		1,770.00	
60 hours @ 20.00 ✓		<u>1,200.00</u>	
			2,970.00

Hole 79-51 to 79-51A

✓ 12 hours @ 59.00			708.00
--------------------	--	--	--------

From Hole 79-51A

✓ 39 hours @ 59.00		2,301.00	
✓ 34 hours @ 20.00		<u>680.00</u>	
			2,981.00

Hole 79-50 to 79-52

✓ 35 hours @ 59.00		2,065.00	
✓ 24 hours @ 20.00		<u>480.00</u>	
			2,545.00

From Hole 79-52

✓ 42 hours @ 59.00			
--------------------	--	--	--

Hole Reduction

✓ Hole 79-51A			
11 hours @ 59.00			
✓ 1 NW Casing Shoe E3834	119.00		
Plus 12%	<u>14.28</u>		

Hole 79-46 (Sept. 11 corrected report)

1 NW Shoe 7946			
Plus 12%			

CONTRACT DRILLING DIVISION

PLEASE REMIT TO

Longyear Canada Inc.
721 Aldford Avenue
ANNACIS ISLAND
NEW WESTMINSTER, B.C. V3M 5P5

Longyear

INVOICE NO.	7241
CUST. NO.	6058
JOB No.	6256
DEST.	073

LONGYEAR CANADA INC.

Box 330, NORTH BAY, ONTARIO, CANADA P1B 8H6

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V6C 2G8

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79-51 (60)	Overburden	0	13 ✓	13	28.80	374.40
79-51A (60)	Overburden	0	50 ✓	50	28.80	1,440.00
79-51A	Overburden	50	100 ✓	50	32.20	1,610.00
79-51A	Overburden	100	120 ✓	20	Hourly Rate	-
79-51A	HQ Wireline	120	500 ✓	380	28.80	10,944.00
79-51A	HQ Wireline	500	519 ✓	19	32.20	611.80
79-51A	NQ Wireline	519	1000 ✓	481	26.90	12,938.90
79-51A	NQ Wireline	1000	1002 ✓	2	26.90*	53.80
79-50 (55)	NQ Wireline	579 ✓	1000 ✓	421	26.90	11,324.90
79-50	NQ Wireline	1000	1305 ✓	305	26.90*	8,204.50
79-52 (50)	Overburden	0	37	37 ✓	28.80	1,065.60
79-52	NQ Wireline	37	500 ✓	463	24.00	11,112.00
79-52	NQ Wireline	500	687 ✓	187	26.90	5,030.30
				2593		70,023.20

*Subject to negotiation

Tractor Rental
October 01-24, 1979 24/31 x 5,800.00 ✓ 4,490.32

Unimog Rental
October 01-24, 1979 24/31 x 500.00 ✓ 387.10

Client Testing

Hole 79-49	✓ 2 hours @ 59.00	118.00
Hole 79-51A	3 hours @ 59.00	177.00
Hole 79-50	5 hours @ 59.00	295.00
Hole 79-52	2 hours @ 59.00	118.00
		<u>708.00</u>

Grouting
Hole 79-51A ✓
1 hour 59.00
1 HQ Grout Plug 137.50
 Plus 12% 16.50
 154.00
 213.00

CONTRACT DRILLING DIVISION

Longyear

INVOICE No.	7241
CUST. No.	
JOB No.	
DEST.	

LONGYEAR CANADA INC.

Box 330, NORTH BAY, ONTARIO, CANADA P1B 8H6

Cordilleran Engineering Ltd.
2...

Hole 79-52 ✓			
1 hour		59.00	
1 NQ Grout Plug	82.50		
Plus 12%	<u>9.90</u>		
		<u>92.40</u>	
			<u>151.40</u>
			364.40

Move Between Holes			
Hole 79-49 to 79-51			
30 hours @ 59.00 ✓		1,770.00	
60 hours @ 20.00 ✓		<u>1,200.00</u>	
			2,970.00

Hole 79-51 to 79-51A			
✓ 12 hours @ 59.00			708.00

From Hole 79-51A			
✓ 39 hours @ 59.00		2,301.00	
✓ 34 hours @ 20.00		<u>680.00</u>	
			2,981.00

Hole 79-50 to 79-52			
✓ 35 hours @ 59.00		2,065.00	
✓ 24 hours @ 20.00		<u>480.00</u>	
			2,545.00

From Hole 79-52			
✓ 42 hours @ 59.00			2,478.00
			11,682.00

Hole Reduction			
Hole 79-51A			
✓ 11 hours @ 59.00		649.00	
✓ 1 NW Casing Shoe E3834	119.00		
Plus 12%	<u>14.28</u>		
		<u>133.28</u>	
			782.28

Hole 79-46 (Sept. 11 corrected report)			
✓ 1 NW Shoe 7946		119.00	
Plus 12%		<u>14.28</u>	
			<u>133.28</u>
			915.56

CONTRACT DRILLING DIVISION

Longyear

INVOICE No.	7241
CUST. No.	
JOB No.	
DEST.	

LONGYEAR CANADA INC.

Box 330, NORTH BAY, ONTARIO, CANADA P1B 8H6

Cordilleran Engineering Ltd.
3...

<u>Reaming</u>			
✓	<u>Hole 79-49</u>		
	6 hours @ 59.00		354.00
✓	<u>Hole 79-51A</u>		
	8 hours @ 59.00		472.00
✓	<u>Hole 79-52</u>		
	8 hours @ 59.00		472.00
	1 NW Shoe E3488	119.00	
	Plus 12%	<u>14.28</u>	
			<u>133.28</u>
			605.28
✓	<u>Hole 79-46 (Sept. 09 corrected report)</u>		
	11 hours @ 59.00		649.00
	1 HW Shoe E3886	181.00	
	Plus 12%	<u>21.72</u>	
			<u>202.72</u>
			851.72
✓	<u>Hole 79-45</u>		
	Prorated recovery re GR5935-Y7011	(290.24)	CR.
	Plus 12%	<u>(34.83)</u>	CR.
			<u>(325.07)</u> CR.
			1,957.93
<u>Left in Hole</u>			
✓	<u>Hole 79-49</u>		
	1 HW Casing Shoe E3098	181.00	
✓	14 10' HW Casing @ 152.25	2,131.50	
		<u>2,312.50</u>	
	Plus 12%	<u>277.50</u>	
			2,590.00
✓	<u>Hole 79-51A</u>		
	1 5' HW Casing	83.65	
	13 10' HW Casing @ 152.25	1,979.25	
	1 HW Casing Shoe E3890	181.00	
		<u>2,243.90</u>	
	Plus 12%	<u>269.27</u>	
			2,513.17

CONTRACT DRILLING DIVISION

Longyear

INVOICE No.	7241
CUST. No.	
JOB No.	
DEST.	

LONGYEAR CANADA INC.

Box 330, NORTH BAY, ONTARIO, CANADA P1B 8H6

Cordilleran Engineering Ltd.

4...

Hole 79-50

6 2' NW Casing @ 28.35 ✓	170.10
1 5' NW Casing ✓	51.90
3 10' HQ rods @ 90.20 ✓ (as NW casing)	270.60
3 HQ-NW casing adapters @ 73.40 ✓	220.20
1 NW casing shoe E3284 ✓	119.00
	<u>831.80</u>
Plus 12%	99.82

931.62

6,034.79

Demobilization

Lump Sum 9,000.00 x 25% ✓

2,250.00

Penetration of Overburden

Hole 79-51A

✓ 42 hours @ 59.00	2,478.00
✓ 2 5 7/8" Tricone bits @ 310.96	621.92
✓ 1 HW Shoe E3884	181.00
	<u>802.92</u>
Plus 12%	96.35

899.27

3,377.27

Transportation

Arrow Transportation (attached) ✓

Valley Bus Limited (attached) ✓

2,165.00

69.30

2,234.30

CORDILLERAN ENGINEERING	
Client	P.O.
Project	OSV
Extensions	
Voucher No.	
Approved	
Date Paid	

\$ 104,424.87

11/98
per 7/29

Date	Hourly Rate	Standby Rate	Extra Crew Rate	CONSUMABLES	Date	Hourly Rate	Standby Rate	Extra Crew Rate	CONSUMABLES
Client Testing					Month				
Hole 79-49					Hole 79-49 to 79-51				
Oct 4	2 ✓				Oct 4	2 ✓		12	
						5	12 ✓	24 ✓	
						6	12 ✓	24 ✓	
						7	4 ✓		
Hole 79-51A					Total 30 ✓ 60 ✓				
16	1 ✓								
19	1 ✓								
21	1 ✓				Hole 79-51 to 79-51A				
Total 3 ✓					Oct 8	12 ✓			
					From 79-51A				
Grouting					Oct 21	6 ✓		12 ✓	
Hole 79-51A					22	12 ✓		12 ✓	
Oct 21	1 ✓			1 HQ Grout Plug	23	11 ✓			
					24	10 ✓		10 ✓	
					Total 39 ✓ 34 ✓				
Hole Reduction									
Hole 79-51A									
Oct 17	7 ✓			NW casing above E3834	Remaining				
21	4 ✓				Hole 79-49				
Total 11 ✓					Oct 4	6 ✓			
Reduction of Overburden					Hole 79-51A				
Hole 79-51A					Oct 13	8 ✓			HW shoe E3890
Oct 11	24 ✓			5 7/8 Tricone ✓					
12	18 ✓			HW shoe E3864 ✓					
Total 42					5 7/8 Tricone ✓				
					HW shoe E3890 ✓				



DAILY TIME REPORT
 Canadian Longyear Limited
 VANCOUVER, B.C.

Ric #2
60'

S DAY
 H I
 F T NIGHT

SIZE OF CORE: AQ: BQ: NQ: HQ:

OTHER (SPECIFY) NA

TYPE OF DRILL 44

CONTRACT CARDILLERAN

HOLE NO. 79-46

DATE SEPT 11

19 79

SUPPLIES CHARGEABLE TO CLIENT					FOOTAGE REPORT				
CASING LEFT IN HOLE				DIAMONDS OVERBURDEN		DEPTH END SHIFT		CASING	DRILLING
X2	X2	X2	X2	TYPE	NUMBER			200	221
X5	X5	X5	X5			DEPTH START SHIFT		0	200
X10	X10	X10	X10			CASED OR DRILLED		200'	21
SUPPLIES				DIAMONDS LEFT IN HOLE		HOLE CASED:		CORE RECOVERED	
OTHER (SPECIFY)						AW FROM _____ TO _____ BW FROM _____ TO _____		CASING	
						NW FROM <u>0</u> TO <u>200</u> HW FROM _____ TO _____			
						PW FROM _____ TO _____ SW FROM _____ TO _____			
CLINOMETER TESTS:				DIAMONDS RE CEMENTING		SUPPLIES RE MUD OPERATIONS			
						<u>20 BAGS QUIKCEL</u>			
DIRECTIONAL SURVEYS: (Specify)				DIAMONDS REAMING		SUPPLIES RE LOST CIRCULATION			
SUPPLIES CHARGEABLE RE OVERBURDEN:				DIAMONDS WEDGING		SUPPLIES RE CEMENT:			
				<u>1 NW CASING SHAPE # 7946</u>					

LABOUR				HOURLY	STANDBY	EXTRA CREW	COMPANY HOURS							
RUNNERS	FROM	TO	TOTAL HOURS	SUPERVISION	RUNNER	HELPER	SUPERVISION	RUNNER	HELPER	OTHER	SUPERVISION	RUNNER	HELPER	OTHER
<u>KEN PETRIE</u>	<u>7</u>	<u>7</u>	<u>12</u>	DRILLING										
				CASING (DEPTH)										
				CEMENT (AT FT.)										
				WATERLINE (LENGTH)										
				REAMING OR HOLE REDUCTION (FROM <u>50</u> TO <u>200</u>)	<u>10</u>	<u>10</u>	<u>0</u>							
				MOVING (LENGTH TO NEXT SETUP)										
				TEAR DOWN OR SET UP										
				AWAITING ORDERS										
				WEDGING (AT)										
				SURVEYS (SPECIFY)										
				LOST CIRCULATION (AT)										
				OTHER (SPECIFY)										
				DELAYS (SPECIFY)										
				REPAIRS (SPECIFY)										
				FOREMAN'S REMARKS:										

REAMED CASING FROM 50 - 200
CORING FROM 200 - 221

[Signature]
 CLIENT'S REPRESENTATIVE

PRESS HARD
 You are making 4 copies

[Signature]
 FOREMAN'S SIGNATURE

ARROW

ARROW TRANSPORTATION SYSTEMS INC.

SEYMOUR BLVD., NORTH VANCOUVER, B.C., CANADA V7J 2J3 • TELEPHONE (604) 985-2111 • TELEX 04-352-650

24074

PAGE 1

INVOICE NUMBER 56862

CANADIAN LONGYEAR LTD
721 ALDFORD AVE.
NEW WESTMINSTER, B.C.

VSM 588

SHIPPER
CANADIAN LONGYEAR
CONSIGNEE
CANADIAN LONGYEAR

ISSUE DATE 9/27/79	ORIGINATING LOCATION ANNACIS IS.	TERMINATING LOCATION	INTERLINING CARRIER RETURN
ISSUING DATE 9/24/79	COMMODITY GROUP	TRUCK NO. VAH	TRIP NO. 054
		TRAILER NO. 140	BILLER DM
			CUSTOMER ORDER NO.

Q. PIECES	DESCRIPTION	WEIGHT	RATE	AMOUNT
	TERMINATING LOCATION-128 MILES NORTH OF ROSS RIVER			
1	LOAD CONTRACTOR'S EQUIPMENT FROM NORTH BAY ROUND TRIP			4,150.00
3	EXTRA HRS UNLOADING @ \$60.00/HR Approved by			180.00
	Charge to... 32/320 - Co. Inc. 2,100.00			
	32/609 ✓ - 2,165.00			
				44350.00
	"George Hill"			

I mutually agree, as to each carrier of all or any of said goods over all or any portion of said route to destination, and as to each party at any time interested in all or any of said goods, that every service to be performed hereunder shall be subject to all the terms and conditions which are hereby incorporated by reference and have the same force and effect as if the same were severally, fully and specifically set forth herein: 1. approved by the Board of Transport Commissioners for Canada by General Order No. T-5, dated February 1, 1965 set forth in the Canadian Freight Classification and also available at all Railway agency stations and freight offices upon request, when said goods are carried by a rail carrier; or 2. of the bill of lading of the water carrier as provided in its tariff of Rules and Regulations when said goods are carried by a water carrier; or 3. of the bill of lading set forth in or prescribed by the relevant tariffs, classification, statutes and regulations pertaining to motor carrier's services when said goods are carried by a motor carrier; or 4. of the Merchandise Receipt approved by the Board of Transport Commissioners for Canada by General Order No. T-33, dated February 1, 1965, and set forth in Express Classification for Canada in effect on the date and which are agreed to by the shipper and accepted for himself and his assigns.

SALES TAX	
TOTAL	\$4,330.00

THIS IS YOUR INVOICE
CUSTOMER'S COPY
SERVICE CHARGES ON OVERDUE ACCOUNTS WILL BE CHARGED AT 1 1/2% PER MONTH (18% PER ANNUM)



FREIGHT IS CASH
PLEASE REMIT WITHIN SEVEN (7) DAYS

VALLEY BUS LTD.

17655 - 57 AVENUE.
SURREY, B.C. V3B 1H1
PHONE: 576-9481

TO (Consignee) CANADIAN LONGYEAR		
ADDRESS ANNACIS IS. B.C.		
FROM (Shipper) THIESSEN		
CHARGE TO (If other than Shipper) LONGYEAR		
No. PIECES	DESCRIPTION OF ARTICLES AND SPECIAL MARKS	WEIGHT
4	SKIDS QUIK TROL.	6600#
	30/320 October '79	

SHIPPER	RECEIVED—received in apparent good order	DRIVER
	<i>B. M. Burt</i>	<i>ST</i>

ATTN: ALL CLAIMS MUST BE SUBMITTED IN WRITING WITHIN 60 DAYS OF DELIVERY OR WILL NOT BE ACCEPTED INTEREST AT 1 1/2% PER MONTH ON OVERDUE ACCOUNTS

11 9 79 Day Month Y		BILL OF LADING No
CUST. ORDER No		No 13597
SHIPPER No		
COLLECT		
FOR CARRIER'S USE ONLY		
PRE-PAID CHARGES		
WAITING TIME		
Delivery Charges		
TOTAL CHARGES	69.30	

E & O E

CONTRACT DRILLING DIVISION

PLEASE REMIT TO

Longyear Canada Inc.
 771 Aldford Avenue
 ANNACIS ISLAND
 NEW WESTMINSTER, B.C. V3Y 5G5

INVOICE No.	7242
CUST. No.	6058
JOB No.	6256
DEST.	073



LONGYEAR CANADA INC.

Box 330, NORTH BAY, ONTARIO, CANADA P1B 8H6

Cordilleran Engineering Ltd.,
 1418-355 Burrard Street,
 Vancouver, British Columbia
 V6C 2G8

Ogilvie 1979
 Invoice date: November 14, 1979
 for October 1979

To: Invoice regarding diamond drilling programme on Jason, Yukon property per agreement.

Price Adjustment (Hole Depths exceeding 1000 feet)

Hole 79-51A

Did read	2 feet @ 26.90	(53.80) CR.	
Should read	2 feet @ 30.15	<u>60.30</u>	
			6.50

Hole 79-50

Did read	305 feet @ 26.90	(8,204.50) CR.	
Should read	305 feet @ 30.15	<u>9,195.75</u>	
			<u>991.25</u>
			997.75

Fuel

White Pass Petroleum Services (attached)		809.04
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Transportation (attached)

Trans North	224.00	
Travel Headquarters	106.90	
Wm. Finnegan Exp. Acct.	<u>581.91</u>	
		912.81

	\$	<u>2,719.60</u>
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