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INTERNAL CORRESPONDENCE

UNION CARBIDE

ION CARBIDE EXPLORATION CORPORATION

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To (Name) J. E. Rockingham

Location

Date 19 December 1974.

From David L. Cook.

Answering letter dated

Copy to

Subject CEDAR CLAIMS - DRILLING AND ASSAY RESULTS

The following is a summary of drilling carried out under an option agreement between Union Carbide Exploration Corporation and John M. McAndrew on the latters Cedar Claims near Likely, British Columbia.

Four holes were drilled on Cedar 8 by Canadian Longyear between October 2nd and November 5th to probe I.P. anomalies previously located by Union Carbide. Details of the holes are as follows:

	Depth	Azimuth	Declination	Line/Station
Hole 1 -	471'	N 45° E	-45°	56NW/10.5 NE
Hole 2 -	423	"	-50°	56NW/13.2 NE
Hole 3 -	421'	"	-45°	56NW/0.5 NE
Hole 4 -	380'	"	-45°	60NW/0

1695'

These holes were designed to explain the most pronounced I.P. anomalies which comprise two sub-parallel zones. The stronger and broader is at approximately 13+00 NE on lines 44 NW to 64 NW. A narrower and lower order anomaly occurs from lines 48 NW to 64 NW just east of the baseline.

The geology and mineralogy of the drill-core was described and appears in the accompanying logs.

All the core was split and assayed for gold. These assays were carried out by Bondar - Clegg and Co. Ltd. Approximately 10% of these samples were check-assayed by General Testing Laboratories. All assays are detailed in the accompanying table.

The remaining core is now located at the site of hole No. 3..

Results

1. Assays have shown an almost complete absence of gold in the drill-core. Of 313 assays, only 21 gave any gold value. Most of these were 0.005 oz/ton. Four samples gave 0.010 ozs. These four are all associated with sheared, pulverized and graphitic argillite of a fault or faults.

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2. The drilling has explained the 2 I.P. anomalies as follows:

   a). The "stronger" zone to the east tested by holes 1 and 2 is a broad zone of partly sheared and crushed graphitic argillite with areas of relatively unaffected rock between. This would indicate faulting.

   b). The "weaker" zone to the west tested by hole 4 is an equally broad zone of crushed and pulverized graphitic argillite indicating a substantial fault. The degree of crushing and pulverization is greater than the eastern zone.

Hole 3 put in to test the western anomaly gave no explanation of the anomaly which may be caused by clay in the overburden.

Line 56 NW
Station 10.5 NE

Cedar Claims

DDH No. 1.

NTS	93A/11W
Depth	471'
Azimuth	45°
Declination	45°
Collar Elev.	3200'
Description by:	D.L. Cook

Geological Interval		Drilling Data				
From '	To '	Interval	"Recovery"	%	Description	Sulphides
0	65'	Tricone drilled			Tricone drilled. Mostly overburden but probably some rock.	Pyrite in panned sludge. Minor magnetite. No pyrrhotite.
65'	114'	36	34	86	Black argillite with volcanic dyke between 72' and 80' (contact/core = 20°). Highly sheared (phyllitic) and fractured with graphite 104'-114'. Quartz stringers on planar fractures; not usually pyritic, except where developed in the more shattered intervals e.g. 104-114'. core/banding = 50° at 67' = 50° at 102'	V. fine diss. and agg. pyrite 1 to 2%. (Up to ?5%) in argillite. Minor in dyke.
		72	54			
		60	59			
		72	69			
		48	48			
		60	59			
		24	22			
		36	32			
		24	5			
		24	20			
		36	36			
		36	24			
		36	34			
		24	14	(grinding)		
114'	122'	72	60	79	Medium-grained porphyry with minor calcite in minor quartz stringers.	Nil
		12	6			
		12	10			
122'	167'	24	20	68	Black argillite. Some qtz. stringers on planar fractures. More intensely developed and irregular from 122' to 124' and 157' to 160'. Argillite is shattered between 122' and 124'. c/layering = 15° at 147'.	V. fine to some coarse pyrite up to 1%. >1% between 143' and 145'. None in qtz. stringers.
		36	28			
		24	20			
		48	48			
		36	34			
		36	32			
		12	12			
		48	48			
		72	32			

Geological Interval		Drilling Data			Description	Sulphides
From '	To'	Interval	"Recovery"	%		
167'	176'	60 48	60 40	92	Quartzitic siltstone. No bedding. Fairly intense development of irregular qtz. stringers between 171' and 175'.	Trace pyrite
176'	189'	36 18 30 36 24 12	30 16 25 32 9 3	74	Interbanded quartzitic siltstone and black argillite with slump textures. Very few qtz. stringers. Core // banding.	1-2% very fine-grained pyrite.
189'	198'	60 24 24	15 6 11	30	Crushed black argillite. Intense development of irregular qtz. stringers (without pyrite) particularly between 189' and 190'.	1/2% fine-grained pyrite.
198'	210.5'	96 54	93 43	91	Quartzitic siltstone with argillite streaks. Moderate development of planar and irregular qtz. stringers. Core/banding = 15° at 209'.	Minor pyrite in argillite streaks.
210.5'	211'	0.5	0.4	80	Crushed black argillite.	
211'	227'	72 24 12 36 12 36	70 18 10 24 (grinding) 12 34.5	87	Black argillite with minor qtz. stringers on planar surfaces. Core/banding = 15° at 225.	1/2% fine-grained (some coarse) pyrite
227'	234'	12 72	11.5 55	79	Quartzitic siltstone. Moderate to well developed irregular quartz stringers.	No pyrite.
234'	254'	12 48 12 48 48 48 24	10 36 12 33 48 48 24	88	Black agrillite. Moderate to intense development of planar qtz. stringers from 250'-254'. Core banding = 15° at 248.	1-2% fine pyrite except from 252'-254'.

Geological Interval From '	To '	Drilling Data Interval	"Recovery"	%	Description	Sulphides
314'	322'	96	96	100	Black phyllitic argillite with graphite on shear planes. Core/banding = 30°.	Minor pyrite on fractures.
322'	326'	48	48	100	Fine grained acid dyke with black lath-shaped inclusions. Both contacts at 30° to core but not // banding of the argillite.	<0.5% pyrite on fractures.
326'	345'	12 36 24 24 36 102	12 24 16 16 24 102	83	Black argillite. Core/banding = 30° at 332'.	Pyrite on fractures and in banding. Up to 1%.
345.5'	347.5'	6 18	6 18	100	Fine-grained acid ? dyke. No inclusions.	Pyrite in fractures and in rock. Up to 1
347.5'	380'	18	18	100	Black phyllitic argillite with graphite on shear planes. Core/banding = 40° at 375'. From 354' to 356' is a fine-grained acidic porphyritic ? dyke with minor pyrite.	Pyrite in fractures and in rock. <0.5%.
380'	381'	12	7	58	Mottled, unbanded grey rock.	<0.5% pyrite on fractures.
381'	388'	48 36	48 30	93	Black graphitic argillite.	No pyrite.
388'	390'	24	22	92	Calcitic breccia of argillite and an acid igneous rock.	Minor pyrite.

Geological Interval		Drilling Data				
From '	To '	Interval	"Recovery"	%	Description	Sulphides
390'	438'	6	5	98	Andesite (green) containing partly assimilated fragments of other rock-types. Calcite veins up to 2" thick.	Pyrite <0.5% on fractures and in rock
		54	54			
		108	100			
		24	24			
		84	80			
		36	36			
		120	120			
		120	120			
		24	24			
438'	441'	36	36	100	Black, phyllitic argillite, brecciated towards lower contact and sheared throughout.	Minor pyrite.
441'	451'	96	74	82	Rock-type same as 390'-438'. Calcite veins at 443' (3" thick) and 448' (2" thick).	Minor pyrite on fractures.
		24	24			
451'	471'	60	60	100	Black phyllitic argillite with some graphite on shear planes.	Pyrite up to 1% on fractures and in bedding.
		108	108			
		60	60			

From '	To '	Interval	"Recovery"	%	Description	Sulphides
		60	60		2. 215 1/4' - 216' (25°) (40°)	
		60	60			
		60	60			
		60	60		3. 207' - 207 1/4'	
		96	74			
		36	36		A crystalline rock, probably a dyke occurs between 219' and 221'	
		48	48		Core/banding in argillite as follows: at 210' = 55° 215' = 30° and 40°	
236'	423'	12	12	98	Mainly black argillite with minor lighter coloured siltstone bands but with significant intersections of fine-grained, light coloured igneous rock as follows (contact angle with core shown in parenthesis):	Pyrite: Mostly trace 0.5%.. 1% as follows: 237'-252' 262'-267' 292'-297' 312'-337' 387'-392' 397'-401.5'
		120	120			
		60	60			
		120	120			
		60	60			
		120	120			
		60	60			
		60	60		Intersection — Explanation	
		60	60			
		60	60		1. 237'-241.5' (45°) — dyke	
		60	60			
		60	60		2. 244'-246' (35°) (35°) — ?dyke or flow	
		60	60			
		60	60			
		60	60		3. 263'-267' (35°) (5°) — ?dyke	
		60	60			
		60	60			
		60	60		4. 268'-269' (10°) (35°) — ?dyke	
		36	36			
		28	16			
		36	36		5. 291'-296' (25°) (20°) — ?	
		36	36			
		48	48			
		60	60		6. 315'-331' (55°) — 2 dykes or flows (contact at 55°)	
		48	48			
		120	120			
		60	60		7. 368' (6" thick) — ?	
		54	54			
		66	66		8. 369' (3" thick) (45°) — ?	

Geological Interval From '	To '	Drilling Data Interval	"Recovery"	%	Description	Sulphides
		60	60		9. 388'-391' ? dyke (65°) (40°)	
		60	60			
		54	54			
		54	54		10. 397'-399' ?	
		96	96			
		60	60		11. 418' (5" thick) ?	
		48	48			
					12. 420' (8" thick) ?	
					Core/banding in argillite at:	
					307' = 25°	
					287' = 10°	
					251' = 60°	
					252 7/7' = 30°	
					Core/banding in 2" silty band at:	
					242' = 45°	
					Quartz stringers only moderately well developed except 371'-379' where there is intense development.	

Line 56 NW
Station 0.5 NE

Cedar Claims

DDH No. 3.

NTS 93A/11W
Depth 421'
Azimuth 45°
Declination -45°
Collar Elev. 3200'
Description by: D.L. Cook.

Geological Interval		Drilling Data			
From '	To '	Interval "Recovery"	%	Description	Sulphides
0	37'	Tricone drilled		Overburden	
37'	421'			Green volcanic rocks made up principally of various types of andesite and tuff. One contact between two of these volcanics is visible at 198' and is 25° to the core. Shear fractures containing calcite and serpentine are common throughout the hole.	<0.5% pyrite on fractures throughout the hole except the following: 58'-79' 99'-111' 149.5'-183' 183.5'-220' 246'-257' 257.5-304'

Cedar Claims

DDH No. 4.

Line 60 NW
Station 0

NTS 93A/11W
Depth 380'
Azimuth 45°
Declination -45°
Collar Elev. 3230'
Description by: D.L. Cook.

Geological Interval From '	To '	Drilling Data Interval	"Recovery"	%	Description	Sulphides
0	30'	Tricone drilled			Overburden	
30'	58'	12	12	94	Chaotic mixture of volcanic rock (probably andesite) and mudstone. Planar quartz stringers common.	Trace pyrite except the bottom of the intersection (>0.5%)
		48	45			
		24	18			
		24	16			
		24	24			
		42	40			
		30	30			
		12	12			
		36	36			
		60	60			
		24	24			
58'	85'	24	24	94	Dark green andesite. Planar qtz. stringers common. Fractures with serpentine common.	Trace pyrite with 0.5 between 75'-81'.
		60	60			
		60	60			
		60	60			
		36	36			
		36	36			
		48	30			
85'	91'	48	45	92	Slumped finely laminated mudstone and siltstone. Serpentine on fractures.	0.5% pyrite.
		24	21			
91'	98'	18	15	92	Dark green andesite with lath-shaped inclusions and minor quartz stringers. Lower contact to core angle = 65°.	Trace pyrite.
		42	42			
		24	20			

Geological Interval		Drilling Data				
From '	To '	Interval	"Recovery"	%	Description	Sulphides
98'	107'	36	30	89	Black argillite. Fractures with serpentine common. Planar qtz. stringers common. Core/banding at 101' = 20°.	<0.5% pyrite
		48	42			
		24	24			
107'	159'	24	24	90	Dark green, fine-grained volcanic rocks. Planar qtz. stringers common. Contact between 2 volcanics (at 109') is 40° to core.	
		24	24			
		60	60			
		60	60			
		36	36			
		48	48			
		12	10			
		36	30			
		60	55			
		24	24			
		12	10			
		60	24			
		24	24			
		24	18			
		24	24			
		36	36			
		24	24			
		24	22			
		12	12			
159'	173'	24	24	95	Grey pyritic mud. Has consolidated to a pyritic mudstone since being brought to the surface. Probably fault gouge.	20-30% pyrite between 169'-173'. Remainder about 0.5%.
		48	44			
		48	44			
		48	48			
173'	189'	18	18	98	Pulverized and shattered qtz, graphite rock. Most intense pulverisation and graphite from 183' to 185' and 186' to 188'. The qtz. and graphite are in finely interlaminated and highly distorted layers. Seems to be related to faulting as does the previous geological interval.	Trace pyrite.
		54	54			
		60	60			
		60	56			
189'	197'	36	32	46	Carbonaceous quartzite. Most quartzite between 192' and 197'. Quartz stringers common.	0.5-1% pyrite
		60	12			

Geological Interval		Drilling Data				
From '	To '	Interval	"Recovery"	%	Description	Sulphides
197'	225'	24	24	100	Mixture of the carbonaceous quartzite and varied volcanic rocks. The latter take over from the quartzite towards the bottom of the intersection ie., 207'-225'.	1-2% pyrite from 197'-210'.
		12	12			
		36	36			
		12	12			
		36	36			
225'	263'	12	12	99	Sheared, shattered and pulverized graphite, qtz. rock indicating a fault locus.	0.5-1% pyrite.
		60	60			
		36	32			
		36	36			
		48	48			
		60	60			
		30	30			
		54	54			
		36	36			
		36	36			
		24	24			
		24	24			
263'	295'	54	54	95	Finely interlaminated siltstone and argillite. Minor intersections of volcanic rocks. Core/banding at 267.5' = 15°.	0.5-1% pyrite.
		54	54			
		36	36			
		60	60			
		60	60			
		30	24			
		42	40			
		30	24			
		18	15			
295'	300'	6	5	82	Pulverized graphitic rock is fault crush	0.5-1% pyrite.
		48	40			
		6	4			

Geological Interval		Drilling Data					
From '	To '	Interval	"Recovery"		%	Description	Sulphides
300'	363'	12	8		53	Finely interlaminated siltstone and argillite. Core//banding at 312'. From 337' to 355' is black sand, mostly not recovered.	0.5-1% pyrite but trace between 327.5 and 331'; 335' and 356'.
		24	24				
		30	20				
		6	6				
		36	6				
		36	24				
		24	20				
		24	24				
		18	18				
		12	12				
		42	40				
		42	20				
		24	12				
		12	5				
		30	24				
		12	7				
		18	12				
		12	5				
		6	6				
		24	12				
		216	18	(sand)			
		12	12				
		24	20				
		24	24				
		36	24				
363'	367'	36	2		29	Black sand and black clay.Where recovered it cored.	Nil.
		12	12				
367'	380'	6	6		22	Fine-grained finely interlaminated quartzite and black argillite. Core//banding at 367'. From 372' to 378' is white and black sand. 8% recovery.	Nil.
		54	14				
		72	6	(sand)			
		24	8				

Assay Data — Cedar Claims — DDH No. 1.

Interval (ft.)	Assay No.	Assay Results Au (oz./ton) Bondar-Clegg	G.T.L.
65 - 70'	24752	Trace	
70 - 75	24753	0.005	0.004
75 - 80	24754	0.005	
80 - 85	24755	0.005	
85 - 90	24756	0.01	
90 - 95	24757	Trace	Trace
95 - 100	24758	"	
100 - 105	24759	"	
105 - 110	24760	"	
110 - 115	24761	"	Trace
115 - 120	24762	"	
120 - 122	24763	"	
122 - 125	24764	"	
125 - 130	24765	"	
130 - 135	24766	0.005	0.004
135 - 140	24767	Trace	
140 - 145	24768	"	
145 - 150	24769	"	
150 - 155	24770	"	
155 - 157	24726	"	
157 - 160	24771	"	
160 - 165	24772	"	
165 - 167	24773	"	
167 - 170	24774	"	
170 - 175	24775	"	
175 - 176	24776	"	0.004
176 - 180	24777	"	
180 - 185	24778	"	
185 - 189	24779	"	
189 - 190	24780	"	
190 - 195	24781	"	
195 - 198	24782	"	
198 - 200	24783	"	
200 - 205	24784	0.010	Trace
205 - 210.5	24785	Trace	
210.5 - 215	24786	"	Trace
215 - 220	24787	"	

Assay Data — Cedar Claims — DDH No. 1.

Interval (ft.)	Assay No.	Assay Results Au (oz./ton) Bondar-Clegg	G.T.L.
220 - 225	24788	"	
225 - 227	24789	"	
227 - 230	24790	"	
230 - 235	24791	"	
235 - 240	24792	"	
240 - 245	24793	"	
245 - 250	24794	"	
250 - 255	24795	"	
255 - 260	24796	"	0.002
260 - 265	24797	"	
265 - 270	24798	"	
270 - 275	24799	"	
275 - 276.5	24800	"	
276.5 - 277	24801	"	
277 - 280	24802	"	
280 - 285	24803	"	
285 - 290	24804	"	
290 - 295	24805	"	
295 - 300	24806	"	Trace
300 - 305	24807	"	
305 - 310	24808	"	
310 - 312	24809	"	
312 - 315	24810	"	
315 - 320	24811	"	
320 - 325	24812	"	
325 - 330	24813	"	
330 - 335	24814	"	
335 - 340	24815	"	
340 - 345	24816	"	0.002
345 - 350	24817	"	
350 - 355	24818	0.005	Trace
355 - 360	24819	Trace	
360 - 365	24820	"	
365 - 370	24821	"	
370 - 375	24822	"	
375 - 380	24823	"	

Assay Data — Cedar Claims — DDH No. 1.

Interval (ft.)	Assay No.	Assay Results Au (oz./ton) Bondar-Clegg	G.T.L.
380 - 383	24824	Trace	
383 - 385	24825	"	
385 - 390	24826	"	Trace
390 - 395	24827	"	
395 - 400	24828	"	
400 - 405	24829	"	
405 - 410	24830	"	
410 - 415	24831	"	
415 - 420	24832	"	
420 - 425	24833	"	
425 - 430	24834	"	
430 - 435	24835	"	
435 - 440	24836	"	Trace
440 - 445	24837	"	
445 - 450	24838	"	
450 - 455	24839	"	
455 - 460	24840	"	
460 - 465	24841	"	
465 - 471	24842	"	

Assay Data | Cedar Claims | DDH No. 2.

Interval (ft.)	Assay No.	Assay Results Au (oz./ton) Bondar-Clegg	G.T.L.
60 - 65'	24615	Trace	
65 - 70	24616	"	
70 - 75	24617	"	
75 - 80	24618	"	
80 - 85	24619	"	
85 - 90	24620	"	
90 - 95	24621	"	
95 - 100	24622	"	Trace
100 - 105	24623	"	
105 - 11-	24624	"	
110 - 115	24625	"	
115 - 120	24626	"	
120 - 125	24627	"	
125 - 130	24628	"	
130 - 135	24629	"	
135 - 140	24630	"	
140 - 145	24631	"	
145 - 150	24632	"	Trace
150 - 155	24633	"	
155 - 160	24634	"	
160 - 165	24635	"	
165 - 170	24636	"	
170 - 175	24637	"	
175 - 180	24638	"	
180 - 185	24639	"	
185 - 190	24640	"	
195 - 200	24641	"	
200 - 205	24642	"	0.002
205 - 210	24643	"	
210 - 215	24644	"	
215 - 218.5	24645	"	
218.5 - 220	24646	"	
220 - 225	24647	"	
225 - 230	24648	"	
230 - 235	24649	"	
235 - 240	24650	"	

Assay Data — Cedar Claims — DDH No. 2.

Interval (ft.)	Assay No.	Assay Results Au (oz./ton) Bondar-Clegg	G.T.L.
240 - 245	24651	Trace	
245 - 250	24652	"	0.002
250 - 255	24653	"	
255 - 260	24654	"	
260 - 265	24655	"	
265 - 270	24656	"	
270 - 275	24657	"	
275 - 280	24658	"	
280 - 285	24659	"	
285 - 290	24660	"	
290 - 295	24661	"	
295 - 300	24662	"	0.004
300 - 305	24663	"	
305 - 310	24664	"	
310 - 315	24665	"	
315 - 320	24666	"	
320 - 325	24667	"	
325 - 330	24668	"	
330 - 335	24669	"	
335 - 340	24670	"	
340 - 345	24671	"	
345 - 350	24672	"	0.002
350 - 355	24673	"	
355 - 360	24674	"	
360 - 365	24675	"	
365 - 370	24676	"	
370 - 375	24677	"	
375 - 380	24678	"	
380 - 385	24679	"	
385 - 389	24680	"	
389 - 391.5	24681	"	
391.5 - 395	24682	"	0.004
395 - 400	24683	"	
400 - 405	24684	"	
405 - 410	24685	"	
410 - 415	24686	"	
415 - 420	24687	"	
420 - 422	24688	"	

Assay Data | Cedar Claims | DDH No. 3.

Interval (ft.)	Assay No.	Assay Results Au (oz./ton) Bondar-Clegg	G.T.L.
35 - 40	24843	Trace	
40 - 42	24844	"	
42 - 45	24845	"	
45 - 50	24846	"	Trace
50 - 55	24847	"	
55 - 60	24848	"	
60 - 65	24849	"	
65 - 70	24850	"	
70 - 75	24851	"	
75 - 80	24852	"	
80 - 85	24853	"	
85 - 90	24854	"	
90 - 95	24855	"	
95 - 100	24856	"	Trace
100 - 105	24857	"	
105 - 110	24858	"	
110 - 115	24859	0.005	Trace
115 - 120	24860	0.005	
120 - 125	24861	Trace	
125 - 130	24862	0.005	
130 - 135	24863	Trace	
135 - 140	24864	"	
140 - 145	24865	"	
145 - 150	24866	"	Trace
150 - 155	24867	"	
155 - 160	24868	"	
160 - 165	24869	"	
165 - 170	24870	"	
170 - 175	24871	"	
175 - 180	24872	"	
180 - 185	24873	"	
185 - 190	24874	"	
190 - 195	24875	0.005	Trace
195 - 200	24876	Trace	
200 - 205	24877	"	
205 - 210	24878	"	
210 - 215	24879	"	
215 - 220	24880	"	

Assay Data | Cedar Claims | DDH No.3.

Interval (ft.)	Assay No.	Assay Results Au (oz./ton) Bondar-Clegg	G.T.L.
220 - 225	24881	Trace	
225 - 230	24882	"	
230 - 235	24883	"	
235 - 240	24884	"	
240 - 245	24885	"	
245 - 250	24886	0.005	0.004
250 - 255	24887	Trace	
255 - 260	24888	"	
260 - 265	24889	"	
265 - 270	24890	"	
270 - 275	24891	"	
275 - 280	24892	"	
280 - 285	24893	"	
285 - 290	24894	0.005	
290 - 295	24895	Trace	
295 - 300	24896	"	Trace
300 - 305	24897	"	
305 - 310	24898	0.005	Trace
310 - 315	24899	Trace	
315 - 320	24900	"	
320 - 325	24901	"	
325 - 330	24902	"	
330 - 335	24903	"	
335 - 340	24904	"	Trace
340 - 345	24905	"	
345 - 350	24906	"	
350 - 355	24907	"	
355 - 360	24908	"	
360 - 365	24909	"	
365 - 370	24910	"	
370 - 375	24911	"	
375 - 380	24912	"	
380 - 385	24913	"	
385 - 390	24914	"	Trace
390 - 395	24915	"	
395 - 400	24916	"	

Assay Data — Cedar Claims — DDH No. 3.

Interval (ft.)	Assay No.	Assay Results Au (oz./ton) Bondar-Clegg	G.T.L.
400 - 405	24917	Trace	
405 - 410	24918	"	
410 - 415	24919	"	
415 - 420	24920	"	
420 - 425	24921	"	

Assay Data | Cedar Claims | DDH No. 4.

Interval (ft.)	Assay No.	Assay Results Au (oz./ton) Bondar-Clegg	G.T.L.
30 - 35	24922	Trace	
35 - 40	24923	"	
40 - 45	24924	"	Trace
45 - 50	24925	"	
50 - 55	24926	"	
55 - 60	24927	"	
60 - 65	24928	"	
65 - 70	24929	"	
70 - 75	24930	"	
75 - 80	24931	"	
80 - 85	24932	"	
85 - 90	24933	"	
90 - 95	24934	0.005	0.004
95 - 100	24935	Trace	
100 - 105	24936	"	
105 - 110	24937	"	
110 - 115	24938	"	
115 - 120	24939	"	
120 - 125	24940	"	
125 - 130	24941	"	
130 - 135	24942	"	
135 - 140	24943	"	
140 - 145	24944	"	Trace
145 - 150	24945	"	
150 - 155	24946	"	
155 - 160	24947	"	
160 - 165	24948	"	
165 - 169	24949	"	
169 - 173	24950	0.005	0.006
173 - 175	24951	Trace	
175 - 180	24952	0.010	0.004
180 - 185	24953	0.005	0.004
185 - 190	24954	Trace	0.004
190 - 195	24955	"	
195 - 200	24956	"	
200 - 205	24957	"	

Assay Data | Cedar Claims | DDH No. 4.

Interval (ft.)	Assay No.	Assay Results Au (oz./ton) Bondar-Clegg	G.T.L.
205 - 210	24958	Trace	
210 - 215	24959	"	
215 - 220	24960	"	
220 - 225	24961	"	
225 - 230	24962	0.010	0.006
230 - 235	24963	Trace	
235 - 240	24964	"	Trace
240 - 245	24965	"	
245 - 250	24966	"	
250 - 255	24967	"	
255 - 260	24968	"	
260 - 265	24969	"	
265 - 270	24970	"	
270 - 275	24971	"	
275 - 280	24972	"	
280 - 285	24973	"	
285 - 290	24974	"	Trace
290 - 295	24975	"	
295 - 300	24601	"	
300 - 305	24602	"	0.002
305 - 310	24603	"	
310 - 315	24604	"	
315 - 320	24605	"	
320 - 325	24606	"	
325 - 330	24607	"	
330 - 335	24608	"	
335 - 340	24609	"	
340 - 355	24610	"	
355 - 360	24611	"	
360 - 365	24612	0.005	Trace
365 - 370	24613	Trace	
370 - 380	24614	"	

BONDAR-CLEGG & COMPANY LTD.

geochemists ● assayers ● analytical chemists

1500 PEMBERTON AVENUE, NORTH VANCOUVER, B.C.
PHONE: 988-5315 TELEX: 04-54554

UGEC VANCOUVER

CERTIFICATE OF ASSAY

TO Union Carbide Exploration Corp.
601 - 1112 West Pender Street
Vancouver, B.C.

Rec'd 28.11.74 Report No: A24 - 906
Answ'd November 26, 1974
File Likely, B.C.

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

MARKED	Au oz/ton	MARKED	Au oz/ton	MARKED	Au oz/ton
24601	trace	24623	trace	24645	trace
24602	trace	24624	trace	24646	trace
24603	trace	24625	trace	24647	trace
24604	trace	24626	trace	24648	trace
24605	trace	24627	trace	24649	trace
24606	trace	24628	trace	24650	trace
24607	trace	24629	trace	24651	trace
24608	trace	24630	trace	24652	trace
24609	trace	24631	trace	24653	trace
24610	trace	24632	trace	24654	trace
24611	trace	24633	trace	24655	trace
24612	0.005	24634	trace	24656	trace
24613	trace	24635	trace	24657	trace
24614	trace	24636	trace	24658	trace
24615	trace	24637	trace	24659	trace
24616	trace	24638	trace	24660	trace
24617	trace	24639	trace	24661	trace
24618	trace	24640	trace	24662	trace
24619	trace	24641	trace	24663	trace
24620	trace	24642	trace	24664	trace
24621	trace	24643	trace	24665	trace
24622	trace	24644	trace	24666	trace

NOTE:
Rejects retained two weeks
Pulps retained three months
unless otherwise arranged.

Registered Assayer, Province of British Columbia

BONDAR-CLEGG & COMPANY LTD.

geochemists ● assayers ● analytical chemists

1500 PEMBERTON AVENUE, NORTH VANCOUVER, B.C.
PHONE: 988-5315 TELEX: 04-54554

CERTIFICATE OF ASSAY

TO Union Carbide

Report No: A24 - 906

November 26, 1974

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

MARKED	Au oz/ton	MARKED	Au oz/ton	MARKED	Percent	
24945	trace	24967	trace			
24946	trace	24968	trace			
24947	trace	24969	trace			
24948	trace	24970	trace			
24949	trace	24971	trace			
24950	0.005	24972	trace			
24951	trace	24973	trace			
24952	0.010	24974	trace			
24953	0.005	24975	trace			
24954	trace					
24955	trace					
24956	trace					
24957	trace					
24958	trace					
24959	trace					
24960	trace					
24961	trace					
24962	0.010					
24963	trace					
24964	trace					
24965	trace					
24966	trace					

NOTE:
Rejects retained two weeks
Pulps retained three months
unless otherwise arranged.

Registered Assayer, Province of British Columbia

To: Union Carbide Exploration Corp.

REPORT No A24 - 827

PAGE No. 1

DATE: October 25, 1974

601 - 1112 West Pender Street
Vancouver, B.C.

BONDAR-CLEGG & COMPANY LTD.

CERTIFICATE OF ASSAY

Samples submitted: Oct. 16, 1974
Results completed: Oct. 25, 1974

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

MARKED	GOLD		SILVER	Ni							TOTAL VALUE PER TON (2000 LBS.)
	Ounces per Ton	Value per Ton	Ounces per Ton	Percent	Percent	Percent	Percent	Percent	Percent	Percent	
24752	trace			-							
53	0.005			-							
54	0.005			-							
55	0.005			-							
56	0.005			-							
57	0.01			-							
58	trace			-							
59	trace			-							
60	trace			-							
61	trace			-							
62	trace			0.01							
63	trace			-							
64	trace			-							
65	trace			-							
66	0.005			-							
67	trace			-							

Registered Assayer, Province of British Columbia

BONDAR-CLEGG & COMPANY LTD.

geochemists ● assayers ● analytical chemists

1500 PEMBERTON AVENUE, NORTH VANCOUVER, B.C.
PHONE: 988-5315 TELEX: 04-54554

CERTIFICATE OF ASSAY

TO Union Carbide Exploration

601 - 1112 West Pender Street

Vancouver, B.C.

Report No: A24 - 868

November 8/74

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

MARKED	Au oz/ton	MARKED	Au oz/ton	MARKED	Au oz/ton
24843	trace	24865	trace	24887	trace
24844	trace	24866	trace	24888	trace
24845	trace	24867	trace	24889	trace
24846	trace	24868	trace	24890	trace
24847	trace	24869	trace	24891	trace
24848	trace	24870	trace	24892	trace
24849	trace	24871	trace	24893	trace
24850	trace	24872	trace	24894	0.005
24851	trace	24873	trace	24895	trace
24852	trace	24874	trace	24896	trace
24853	trace	24875	0.005	24897	trace
24854	trace	24876	trace	24898	0.005
24855	trace	24877	trace	24899	trace
24856	trace	24878	trace	24900	trace
24857	trace	24879	trace		
24858	trace	24880	trace		
24859	0.005	24881	trace		
24860	0.005	24882	trace		
24861	trace	24883	trace		
24862	0.005	24884	trace		
24863	trace	24885	trace		
24864	trace	24886	0.005		

NOTE:
Rejects retained two weeks
Pulps retained three months
unless otherwise arranged.

Registered Assayer, Province of British Columbia

BONDAR-CLEGG & COMPANY LTD.

geochemists ● assayers ● analytical chemists

1500 PEMBERTON AVENUE, NORTH VANCOUVER, B.C.
PHONE: 988-5315 TELEX: 04-54554

CERTIFICATE OF ASSAY

TO Union Carbide

Report No: A24 - 906

November 26, 1974

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

MARKED	Au oz/ton	MARKED	Au oz/ton	MARKED	Au oz/ton
24667	trace	24901	trace	24923	trace
24668	trace	24902	trace	24924	trace
24669	trace	24903	trace	24925	trace
24670	trace	24904	trace	24926	trace
24671	trace	24905	trace	24927	trace
24672	trace	24906	trace	24928	trace
24673	trace	24907	trace	24929	trace
24674	trace	24908	trace	24930	trace
24675	trace	24909	trace	24931	trace
24676	trace	24910	trace	24932	trace
24677	trace	24911	trace	24933	trace
24678	trace	24912	trace	24934	0.005
24679	trace	24913	trace	24935	trace
24680	trace	24914	trace	24936	trace
24681	trace	24915	trace	24937	trace
24682	trace	24916	trace	24938	trace
24683	trace	24917	trace	24939	trace
24684	trace	24918	trace	24940	trace
24685	trace	24919	trace	24941	trace
24686	trace	24920	trace	24942	trace
24687	trace	24921	trace	24943	trace
24688	trace	24922	trace	24944	trace

NOTE:
Rejects retained two weeks
Pulps retained three months
unless otherwise arranged.

Registered Assayer, Province of British Columbia

To: Union Carbide Exploration

PAGE No. 1

601 - 1112 West Pender Street

Vancouver, B.C.

BONDAR-CLEGG & COMPANY LTD.

CERTIFICATE OF ASSAY

REPORT No A24 - 839

DATE: October 30/74

Samples submitted: Oct. 22/74
Results completed: Oct. 30/74

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

MARKED	GOLD		SILVER								TOTAL VALUE PER TON (2000 LBS.)
	Ounces per Ton	Value per Ton	Ounces per Ton	Percent	Percent	Percent	Percent	Percent	Percent	Percent	
24726	trace										
24768	trace										
24769	trace										
24770	trace										
24771	trace										
24772	trace										
24773	trace										
24774	trace										
24775	trace										
24776	trace										
24777	trace										
24778	trace										
24779	trace										
24780	trace										
24781	trace										
24782	trace										
24783	trace										
24784	0.010										
24785	trace										
24786	trace										
24787	trace										
24788	trace										
24789	trace										
24790	trace										
24791	trace										

Registered Assayer, Province of British Columbia

To: Union Carbide

REPORT No A24 - 839

PAGE No. 2

BONDAR-CLEGG & COMPANY LTD.

DATE: Oct. 30/74

CERTIFICATE OF ASSAY

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

MARKED	GOLD		SILVER								TOTAL VALUE PER TON (2000 LBS.)
	Ounces per Ton	Value per Ton	Ounces per Ton	Percent	Percent	Percent	Percent	Percent	Percent	Percent	
24792	trace		-								
24793	trace		-								
24794	trace		-								
24795	trace		-								
24796	trace		-								
24797	trace		-								
24798	trace		-								
24799	trace		-								
24800	trace		-								
24801	trace		-								
24802	trace		-								
24803	trace		-								
24804	trace		-								
24805	trace		-								
24806	trace		-								
24807	trace		-								
24808	trace		0.05								
24809	trace		0.04								
24810	trace		0.02								
24811	trace		0.04								
24812	trace		trace								
24813	trace		0.02								
24814	trace		0.07								
24815	trace		0.05								
24816	trace		-								
24817	trace		-								

Registered Assayer, Province of British Columbia

To: Union Carbide Exploration

REPORT No A24 - 839

PAGE No. 3

BONDAR-CLEGG & COMPANY LTD.

DATE: Oct. 30/74

CERTIFICATE OF ASSAY

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

MARKED	GOLD		SILVER								TOTAL VALUE PER TON (2000 LBS.)
	Ounces per Ton	Value per Ton	Ounces per Ton	Percent	Percent	Percent	Percent	Percent	Percent	Percent	
24818	0.005										
24819	trace										
24820	trace										
24821	trace										
24822	trace										
24823	trace										
24824	trace										
24825	trace										
24826	trace										
24827	trace										
24828	trace										
24829	trace										
24830	trace										
24831	trace										
24832	trace										
24833	trace										
24834	trace										
24835	trace										
24836	trace										
24837	trace										
24838	trace										
24839	trace										
24840	trace										
24841	trace										
24842	trace										

Registered Assayer, Province of British Columbia

GENERAL TESTING LABORATORIES

DIVISION SUPERINTENDENCE COMPANY (CANADA) LTD.
1001 EAST PENDER ST., VANCOUVER, B.C., CANADA, V6A 1W2
PHONE (604) 254-1647 TELEX 04-507514 CABLE SUPERVISE

TO:

UNION CARBIDE EXPL. LTD.
1112 West Pender St.
#601
Vancouver, B.C.

CERTIFICATE OF ASSAY

No.: 7412-1753 | DATE: Dec 20th/74

We hereby certify that the following are the results of assays on: Pulps

MARKED	GOLD OZ/ST GR/MT	SILVER OZ/ST GR/MT	XXX	XXXX	XXX	XXX	XXX	XXXX
24602	0.002							
24612	Trace							
24622	Trace							
24632	Trace							
24642	0.002							
24652	0.002							
24662	0.004							
24672	0.002							
24682	0.004							
24904	Trace							
24914	Trace							
24924	Trace							
24934	0.004							
24944	Trace							
24950	0.006							
24952	0.004							
24953	0.004							
24954	0.004							
24962	0.006							
24964	Trace							
24974	Trace							
24753	0.004							
24757	Trace							
24761	Trace							
24766	0.004							
24776	0.004							
24784	Trace							
24786	Trace							
24796	0.002							
24806	Trace							
24816	0.002							
24818	Trace							

Cont'd.....

LW:cmb

NOTE: REJECTS RETAINED ONE MONTH. PULPS RETAINED THREE MONTHS. ON REQUEST PULPS AND REJECTS WILL BE STORED FOR A MAXIMUM OF ONE YEAR.

L. WONG
PROVINCIAL ASSAYER

COPY

GENERAL TESTING LABORATORIES

DIVISION SUPERINTENDENCE COMPANY (CANADA) LTD.
1001 EAST PENDER ST., VANCOUVER, B.C., CANADA, V6A 1W2
PHONE (604) 254-1647 TELEX 04-507514 CABLE SUPERVISE

TO:
UNION CARBIDE EXPL. LTD.

CERTIFICATE OF ASSAY

No.: 7412-1753 DATE: Dec 20th/74

We hereby certify that the following are the results of assays on: Pulps

MARKED	GOLD OZ/ST GR/MT	SILVER OZ/ST GR/MT						
24826	Trace							
24836	Trace							
24846	Trace							
24856	Trace							
24859	Trace							
24866	Trace							
24875	Trace							
24886	0.004							
24896	Trace							
24898	Trace							

DM:cmb

NOTE: REJECTS RETAINED ONE MONTH. PULPS RETAINED THREE MONTHS. ON REQUEST PULPS AND REJECTS WILL BE STORED FOR A MAXIMUM OF ONE YEAR.

L. [illegible]
PROVINCIAL ASSAYER

COPY