

85-894-14575

ASSESSMENT REPORT  
DIAMOND DRILLING  
ON THE  
RON 4 CLAIM GROUP  
OMINECA MINING DIVISION  
NTS 94D/15  
94E/2  
57 00'N, 126 45'W  
10/86  
FOR

PACIFIC RIDGE RESOURCES CORP.  
810 - 675 WEST HASTINGS STREET  
VANCOUVER, B. C. V6B 1N2

BY

FILMED

DAVID L. COOKE, Ph.d., P.Eng.  
D. L. COOKE AND ASSOCIATES LTD.  
810 - 675 WEST HASTINGS STREET  
VANCOUVER, B. C. V6B 1N2

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

September 23, 1985

Work Done: October 6, 1984

14,575

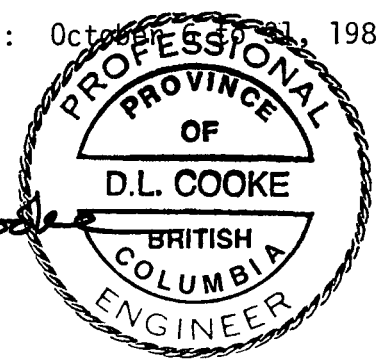


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## SUMMARY

During the period October 2-17, 1984, six BQ diamond drill holes were bored on the Ron #4 mineral claim, situated 25 kilometers northwest of McConnell Creek in the Thutade Lake area, Omineca Mining Division. A total of 322.8 metres (1,059 ft.) were drilled.

The first three holes intersected a monzonite porphyry plug, mineralized with quartz, gold, copper and molybdenum stockwork. The next two holes penetrated weakly mineralized chert. The final hole was terminated before bedrock was intersected.

## INTRODUCTION

The drilling which was done by Phils Diamond Drilling of 100 Mile House, B. C., on the Ron #4 mineral claim tested coincident IP and soil geochemical anomalies for copper and gold. The property at that time was operated under a joint venture agreement between Pacific Ridge Resources Corp. and Anaconda Canada Exploration. The drilling was supervised by geologist Wim Vanderpoll, of Hi-Tec Resource Management Ltd. The core was logged and split for assay by Wim Vanderpoll (Appendix III). The split core was examined by the writer prior to submission for assaying. The core from holes DDH 84-1, 2 and 3 were submitted for analysis to Bondar Clegg and Company Ltd., and DDH 84-4 and 5 to Acme Analytical Laboratories Ltd. in North Vancouver, B. C. At Bondar Clegg, copper, lead, zinc, molybdenum and silver were extracted by Hot HNO<sub>3</sub>-HCl solution and measured by Atomic Absorption. Gold was taken into solution with Aqua Regia, and determined by Atomic Absorption. Acme Analytical Laboratories determined copper, lead, zinc, molybdenum and silver by ICP analysis after HNO<sub>3</sub>-HCl digestion. Gold was measured by Atomic Absorption from a 10 gram preparation sample.

CLAIM DATA

The pertinent claims data is as follows:

<u>Claim Name</u>	<u>Units</u>	<u>Record No.</u>	<u>Expiry Date</u>
Ron 4	20	3630	March 3, 1988
Ron 10	20	5850	October 5, 1985
Ron 11	20	5851	October 5, 1985
DU 1	16	6757	October 31, 1985
DU 2	8	6758	October 31, 1985
DU 3	<u>15</u>	6759	October 31, 1985
	99		

Work was done from a tent camp on the Ron #4 claim between September 28, 1984 (mobilization) and October 20, 1984 (demobilization). Assays were completed by October 31, 1984. The total expenditures amounted to \$41,716.39 (Appendix I). Of this total, \$6,300.00 was expended prior to October 5, 1984 and \$35,416.39 after that date.

DIAMOND DRILLING

The locations of all six BQ diamond drill holes are indicated on Figure 3. Drill sections are shown on Figures 4a and 4b. Drill logs are presented in Appendix III.

The drill core for each hole is stored in core boxes at the corresponding drill site. All core was split and submitted for analysis.

Holes 84-1, 2, and 3 penetrated a mineralized monzonite prophyry, and holes 84-4 and 5 were in a weakly mineralized chert host. Hole 84-6 was stopped in overburden. The individual lengths are tabulated below:

<u>DDH</u>	<u>LENGTH M</u>	<u>LENGTH-FT.</u>	<u>ROCK TYPES</u>
84-1	61.9	203.0	Monzonite prophyry
84-2	92.4	303.1	Monzonite prophyry
84-3	75.3	247.0	Monzonite prophyry
84-4	39.0	127.9	Chert and andesite
84-5	46.6	152.8	Chert and greywacke
84-6	<u>7.6</u>	<u>25.0</u>	Overburden
TOTAL	322.8	1058.8	

CONCLUSIONS

The drilling demonstrates the presence of both stockwork prophyry gold-copper-molybdenum mineralization and strata-controlled copper mineralization over a strike distance of 1000 metres.

RECOMMENDATIONS

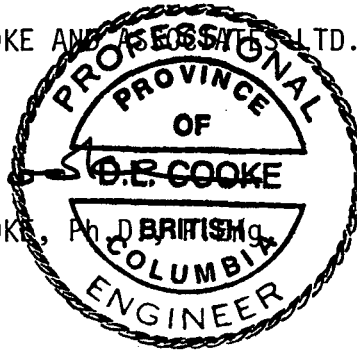
Further diamond drilling and backhoe trenching is recommended to define the limits of economic gold and copper mineralization.

Respectfully submitted,

D. L. COOKE AND ASSOCIATES LTD.



D. L. COOKE, Ph.D. BRITISH COLUMBIA ENGINEER



APPENDIX I

STATEMENT OF EXPENDITURES

GEOLOGY

W. Vanderpoll - Oct. 6-20, 22, 24, 25, 1984  
18 days @ \$250.00/day \$ 4,500.00

CAMP AND DOMICILE

Miscellaneous 689.71

TRANSPORTATION

Ground \$ 173.60  
Helicopter - Northern Mtn. Helicopters:  
- 17.6 Hours @ \$545.45/hour 9,599.93 9,773.53

DIAMOND DRILLING

Contract: Phil's Diamond Drilling  
- 1060 ft. @ \$18.00/ft. 19,080.00  
- Materials 505.00  
- Bits 1,600.00  
- Labour 1,900.00 23,085.00

ASSAYS

Analysis of Drill Core 3,353.05

CONSULTING

Sanguinetti Engineering Ltd. 315.00

TOTAL EXPENDITURES \$41,716.29

EXPENDITURE DISTRIBUTION:

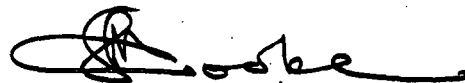
September 28, 1984 to October 5, 1984 \$ 6,300.00  
October 6, 1984 to October 31, 1984 35,416.39

APPENDIX II

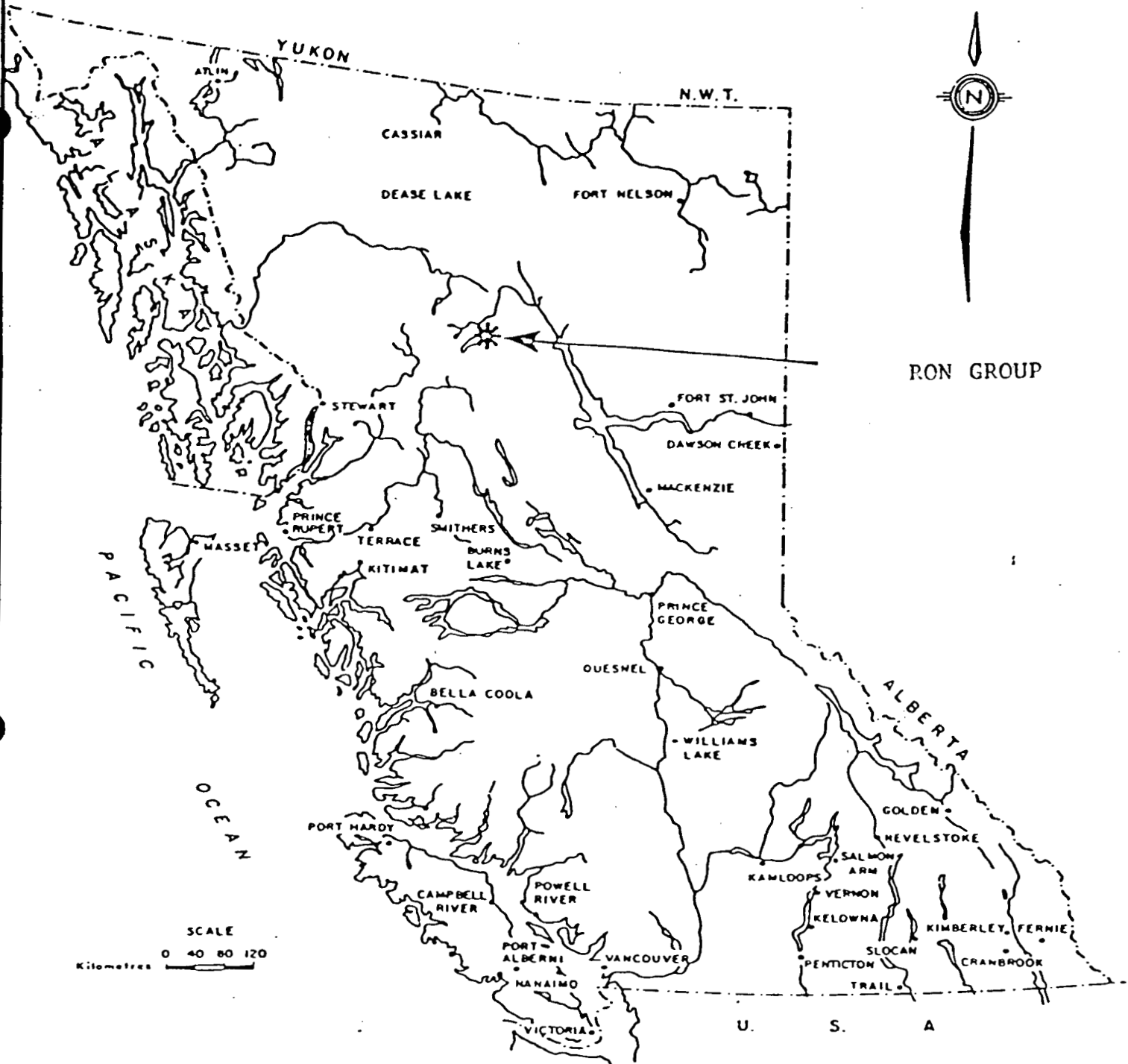
STATEMENT OF QUALIFICATIONS

I, DAVID LAWRENCE COOKE, of the Municipality of Surrey, in the Province of British Columbia, hereby certify:

1. That I am a Consulting Geologist residing at 16331 Bell Road, Surrey, B.C., V3S 1J9, with a business office at 810 - 675 West Hastings Street, Vancouver, B.C., V6B 1N2.
2. That I graduated with a B.Sc. degree in Geology from the University of New Brunswick in 1959, and with an M.A. degree and Ph.D. degree in Geology from the University of Toronto in 1961 and 1966 respectively.
3. That I have practised my profession as an exploration geologist from 1959 to the present time in Canada, the U.S.A., Mexico, the Caribbean and South America.
4. That I am a Registered Member of the Association of Professional Engineers of the Province of British Columbia.
5. That I have examined the Ron and DU claims on several occasions, and am the author of this drill report.



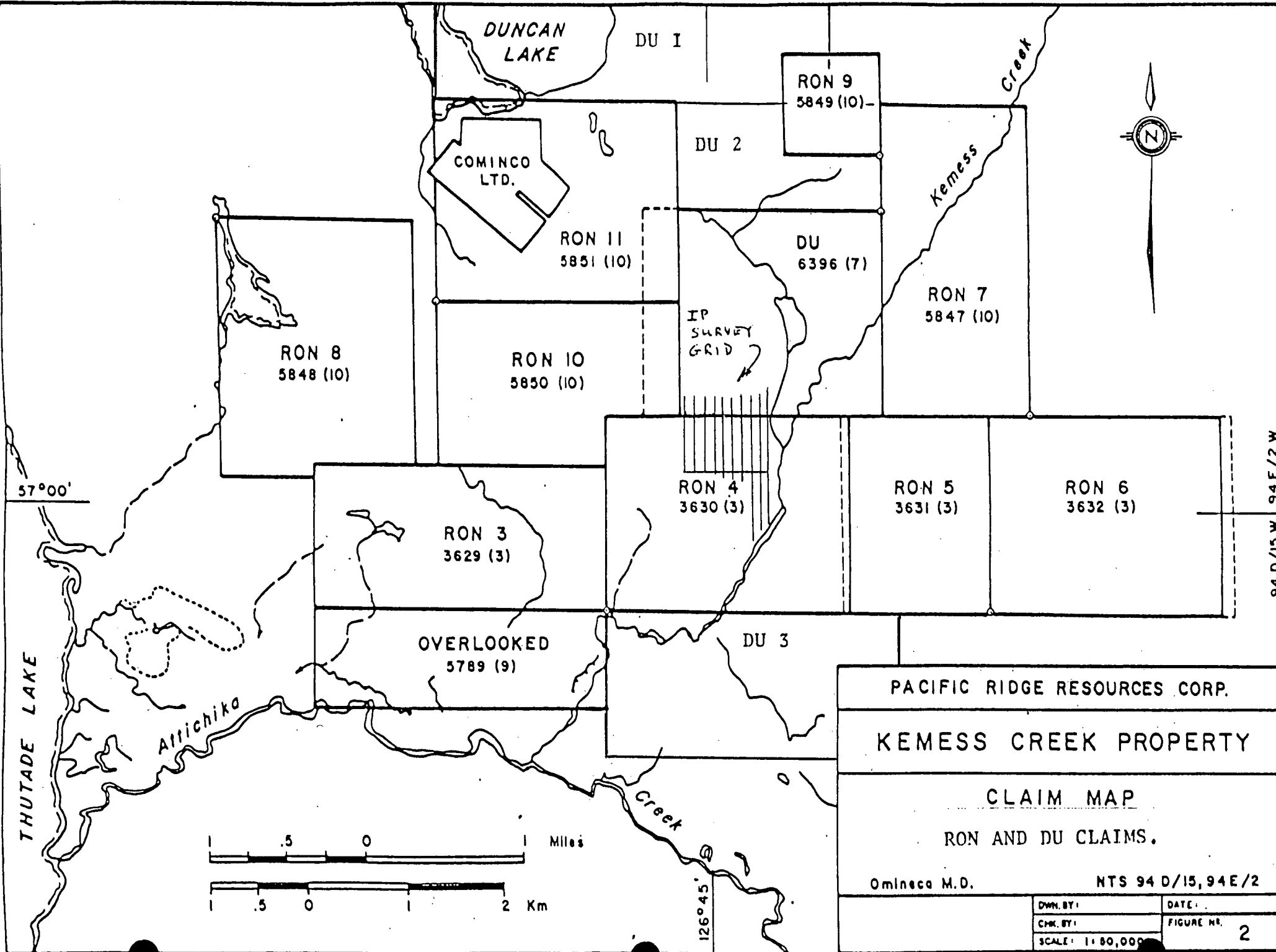
D. L. COOKE, Ph.D., P.Eng.



SCALE  
0 40 80 120  
Kilometres

PACIFIC RIDGE RESOURCES CORP.	
KEMESS CREEK PROPERTY	
LOCATION MAP	
RON GROUP	
Omineca M.D.	NTS 94 D/15, 94 E/2
Drawn BY	DATE
Chk BY	FIGURE NO
SCALE AS SHOWN	1





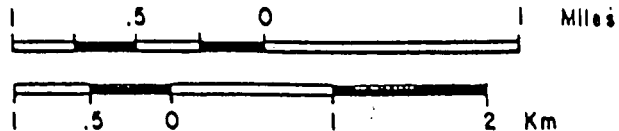
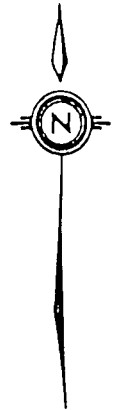
57°00'

THUTADE LAKE

Allichika

DUNCAN LAKE

Kemess Creek



DU 1

DU 2

RON 9  
5849 (10)

COMINCO LTD.

RON 11  
5851 (10)

DU  
6396 (7)

RON 7  
5847 (10)

RON 8  
5848 (10)

RON 10  
5850 (10)

IP SURVEY GRID

RON 4  
3630 (3)

RON 5  
3631 (3)

RON 6  
3632 (3)

RON 3  
3629 (3)

OVERLOOKED  
5789 (9)

DU 3

PACIFIC RIDGE RESOURCES CORP.

KEMESS CREEK PROPERTY

CLAIM MAP

RON AND DU CLAIMS.

Omineca M.D.

NTS 94 D/15, 94 E/2

DWN. BY:	DATE:
CHK. BY:	FIGURE NO.
SCALE: 1:80,000	2

94 D/15 W 94 E/2 W

126°45'

APPENDIX III

DRILL LOGS: DDH 84-1 to 84-6



HI-TEC  
RESOURCE  
MANAGEMENT  
LIMITED

4300E  
159°N BQ  
LOGGED BY WIM VAN DER POLL.

DATE STARTED OCT. 2 1984  
COMPLETED OCT 3 1984

-45° NORTH

PROPERTY

KEMESS CREEK - RON 4 CLAIM

DDH 84-1

DRILL LOG

SHEET 1 OF 2

DEPTH METERS	LITH.	BEDDING	FAULTS	NUMBER OF PIECES	% REC.	ASSAY INTERCEPTS	ASSAY DATA							MINERALS			NOTES
							SAMPLE NO. AND INTERVAL	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Ag ppm	Au ppb	PY	K	QV	
8							50-8.7 Meters 7226	125	7	63	2	<0.2	<5				0-8.7M OVERBURDEN. CASING TO 5.0M BOULDERS OF MOXZONITE, ANDESITE, CONGL. IN CLAY MATRIX
10					80		8.7-10 7227	1500	12	55	95	0.4	200	5%	W	3	8.7-14.0 FINE TO MEDIUM GRAINED GREY MOXZONITE.
12	1				100		10-12 7228	1640	12	40	84	0.8	480	7	W	7	LOCAL STRONG KSPAR ALTERATION WITH STRONG PYRITE; KSPAR RANGES FROM WEAK TO VERY STRONG OVER NARROW SECTIONS < 30 CM.
14	2				70		12-14 7229	1630	23	61	53	0.7	400	5	W	8	QUARTZ VEINS TO 2 CM WITH PYRITE CORE.
16	1				70		14-17.5 7230	1500	11	37	56	0.7	380	5	WV	2	14.0-17.5 MOXZONITE, MED. GRAINED, GREY. 17.5-18.8 " STRONG KSPAR ALTERATION; COARSE.
18	2				100		17.5-18.8 7231	1800	10	38	100	0.8	520	6	WV	7	18.8-21.5 " WEAK KSPAR ALTERATION
20	1				100		18.8-21 7232	1360	13	36	82	0.6	360	8	W	7	21.5-22.6 " COARSE, STRONGLY ALTERED.
22	2				100		21-22.6 7233	1840	14	30	109	0.6	740	8	W	13	22.6-24.7 " FINE GRAINED, WEAK ALTERATION
24	1				90		22.6-24.7 7234	1560	8	46	100	0.7	520	6	W	8	24.7-25.7 " " UNALTERED
26	2				90		24.7-25.7 7235	1940	7	52	97	0.8	700	4	W	11	25.7-27.3 " COARSE, STRONG ALTERATION.
28	1				100		25.7-27.3 7236	2300	11	36	75	1.0	740	10	W	19	27.3-31.3 " FINE GRAINED, NO ALTERATION. tr. No. in 2cm qv @ 29.4
30	2				100		27.3-30 7237	1900	12	45	167	0.8	640	8	W	14	31.3-32.8 " COARSE, STRONG ALTERATION
32	1				100		30-31.3 7238	1750	8	47	67	0.8	500	8	W	24	32.8-34.9 " MED. GRAINED; UNALTERED
34	2				100		31.3-32.8 7239	1790	14	33	73	0.8	480	3	W	9	34.9-35.3 " BLEACHED; KSPAR ALTERATION; COARSE
36	1				100		32.8-34.9 7240	1180	10	44	46	0.3	300	7	W	11	35.3-35.6 " GREY, WEAK ALTERATION
38	2				100		34.9-36.8 7241	1800	11	35	120	0.8	440	7	WV	16	35.6-36.8 " COARSE; KSPAR ALTERATION STRONG



HI-TEC  
RESOURCE  
MANAGEMENT  
LIMITED

PROPERTY

KEMESS CREEK - RON 4 CLAIM

DDH 84-1

DRILL LOG

SHEET 2 OF 2

DEPTH METERS	LITH.	BEDDING	FAULTS	NUMBER OF PIECES	% REC.	ASSAY INTERCEPTS	ASSAY DATA							MINERALS			NOTES		
							SAMPLE NO. AND INTERVAL	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ag PPM	Au PPB	Py	Kspar	Qv			
40	1				90		36.8-39												36.8-40.1 GREY MONZONITE; LOCALLY COARSE BUT MOSTLY FINE-MED. GRAINED.
							7242	1270	11	47	72	0.7	360	8	VN	20			
42					80		39.41												BLEACHING ON FRACTURES (OVER 2MT)
							7243	1480	11	39	98	0.7	500	9	W	11			40.1-41.5 GREY MONZONITE; LOCALLY COARSE.
44	1				100		41-43												BLEACHING ON FRACTURES (OVER 2MT)
							7244	1810	11	39	98	0.8	600	9	W	6			41.5-46.0 LIGHT GREY MONZONITE, MED-FINE GRAINED
46					100		43-45												207 QV @ 42.4 WITH 1507 KSPAR ALTERATION.
	2						7245	1730	11	38	128	0.8	440	6	W	8			46.0-46.8 COARSE MONZONITE; STRONG KSPAR
48	1				100		45-47.5								S				46.8-47.5 GREY MONZONITE
							7246	1700	11	36	102	0.8	440	6	W	16			47.5-50.2 MONZONITE; STRONG K SPAR
50	2				100		47.5-50								S				
							7247	2400	10	30	81	0.8	540	10		18			50.2-59.0 WEAKLY ALTERED GREY MONZONITE
52					100		50-52												2MT BLEACHING ON TIGHT FRACTURES.
							7248	1520	11	46	70	0.7	400	10	W	7			
54	1				85		52-54												59.0-61.9 BLEACHED PALE GREY-GREEN <del>QUARTZ</del>
							7249	1340	9	42	78	0.7	340	8	W	12			MONZONITE- <del>SILICIFIED</del> STRONG CLAY ALTERATION
56					100		54-56												
							7250	1750	9	40	109	0.6	480	10	W	7			
58					100		56-58												61.9 END OF HOLE.
							7251	2000	8	40	139	1.2	600	10	W	5			
60					100		58-59								W				
							7252	1340	9	50	75	1.0	340	9	CLAY	7			
62	3				100		59-61.9								CLAY	8			FOR DDH 84-1: MOST PYRITE IS ON FRACTURES;
							7253	2000	7	22	102	0.9	540	8					FINELY DISSEMINATED PYRITE IS PRESENT
																			- WEAK CU (CHALCOPYRITE) IS PRESENT THROUGHOUT;
																			MOS <sub>2</sub> OCCURS LOCALLY ON QUARTZ VEINS.
																			- MAFICS ARE ABSENT, EXCEPT FOR WEAK BIOTITE IN ALTERED MONZONITE.

1590N; 4300E  
BQ  
-45° SOUTH

Date Started Oct. 4  
Date plk Oct 7

LOGGED BY WIM VANDORPOLL



HI-TEC  
RESOURCE  
MANAGEMENT  
LIMITED

PROPERTY

KEMESS CREEK - RON 4 CLAIM

DDH 84-2

DRILL LOG

SHEET 1 OF 3

DEPTH METERS	LITH.	BEDDING	FAULTS	NUMBER OF PIECES	% REC.	ASSAY INTERCEPTS	ASSAY DATA					MINERALS				NOTES	Au ppb						
							SAMPLE NO. AND INTERVAL	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Ag ppm	FRACTION	PY	K			QU					
							METERS																
18																							
20				100	70		18.5-21.4 7254	1400	8	44	149	0.6		8%	5	7							
22				50	85		21.4-23 7255	1430	7	50	55	0.6		7	5	17	10						
24				35	95		23-25 7256	1580	8	40	105	0.6	35	9	W	5							
26				40	95		25-27.2 7257	1400	7	52	94	0.4	40	7	-	12							
28				25	95		27.2-29 7258	1400	28	110	141	0.8	55	8	-	6							
30				30	100		29-31 7259	1400	11	35	145	0.6	20	6	-	12							
32				20	100		31-32.3 7260	1140	20	36	167	0.6	15	5	-	5							
34				35	95		32.3-34.5 7261	1240	13	47	75	0.5	10	3	-	5							
36				17	100		34.5-37 7262	1000	14	56	90	0.4	45	2	-	8							
38				22	100		37-38.6 7263	1380	12	40	93	0.6	60	4	-	6							
40				28	100		38.6-39.0 7264	1520	24	35	490	1.0	25	4	W	3							
42				23	100		39.0-40.6 7265	1800	12	42	72	0.8	30	5	W	9							
44				29	100		40.6-42.2 7266	1890	12	56	307	1.0	35	6	-	9							
46				20	100		42.2-43.9 7267	1150	11	40	163	0.7	35	5	-	19							
				20	100		43.9-46 7268	1300	8	33	91	0.6	15	6	-	6							
							7269	46-48	1210	8	28	97	0.4										

7269 46-48 1210 8 28 97 0.4

280



HI-TEC  
RESOURCE  
MANAGEMENT  
LIMITED

PROPERTY

KEMESS CREEK - RON 4 CLAIM

DDH 84-2

DRILL LOG

SHEET 2 OF 3

DEPTH METERS	LITH.	BEDDING	FAULTS	NUMBER OF PIECES	% REC.	ASSAY INTERCEPTS	ASSAY DATA										NOTES	Au ppb
							SAMPLE NO. AND INTERVAL	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Ag ppm	FRACI	Py	K	qv		
50				12	100		48-50 7270	1300	7	23	61	0.4	30	6%	W	10	40.6-42.2 fine grained dark green Monzonite. 10cm clay breccia @ 41.6; 5cm clay breccia @ 41.8	360
52				14	100		50-52 7271	1060	6	28	61	0.3	55	6	-	8	42.2-42.6 coarse light grey green Monzonite; 3cm Py @ 42.4 42.6-43.9 coarse medium grained Monzonite; weak Kspar alteration	280
54				15	100		52-54 7272	1000	6	34	70	0.4	70	8	-	12	43.9-44.6 dark grey Monzonite	260
56				20	100		54-55.6 7273	1300	9	32	480	0.6	70	8	-	20	44.6-46.0 Med. grained grey Monzonite; weak K spar 46.0-48.1 light grey coarse Monzonite	360
58				13	100		55.6-56.2 7274	1500	13	30	199	0.6	120	7	-	16	48.1-50.3 weak Kspar altered grey Monzonite 50.3-55.6 dark grey Monzonite	400
60				14	100		56.2-57.3 7275	1510	12	38	128	0.5	60	70	-	11	3 cm quartz vein with pyrite 30° to core axis @ 57.1 strong fracturing throughout; strong py on quartz veins	400
62				18	100		57.3-58.7 7276	1300	19	30	154	0.4	55	9	+	9	55.6-56.2 dark grey Monzonite; K spar stages on fract. 56.2-57.3 " " " unaltered.	300
64				13	100		58.7-62 7277	1420	13	47	73	0.4	75	10	W	12	57.3-58.7 coarse strong Kspar altered Monzonite 58.7-62.0 dark grey unaltered Monzonite	360
66				13	100		62-65.6 7278	1100	11	34	90	0.3	55	8	-	8	62-63.5 " " weak Kspar " 63.5-65.6 " " unaltered "	280
68				16	100		65.6-66.2 7279	1100	8	22	106	0.5	65	8	-	9	65.6-66.2 strong Kspar altered " ; coarse 66.2-68.1 unaltered grey Monzonite	240
70				16	100		66.2-68.1 7280	1020	8	36	76	0.3	60	6	-	10	68.1-69.2 strong Kspar altered Monzonite 69.2-70.0 unaltered Monzonite	280
72				18	100		68.1-69.2 7281	950	8	26	67	0.2	40	8	-	13	70.0-71.1 strong Kspar altered Monzonite 71.1-71.5 weak " " "	320
74				19	100		69.2-70 7282	1180	10	42	65	0.5	45	7	W	6	71.5-72.3 dark grey Monzonite; clay altered; impact gouge 72.3-72.5 weak Kspar altered Monzonite	300
76				17	100		70-71.1 7283	1000	16	25	259	0.8	30	5	W	6	72.5-72.9 strong " " " 72.9-79.0 dark grey Monzonite; locally Kspar altered & bleached; Calcite grade zone 76.5-77.0	260
78				15	100		71.1-72.3 7284	1120	11	38	81	0.6	50	6	W	5		320
				13	100		72.3-72.9 7285	1470	9	29	85	0.4	50	8	W	5	79.0-80.3 light grey green Monzonite; local strong Kspar 10 cm Qtz @ 80.0 with strong Kspar, pyrite.	420



HI-TEC  
RESOURCE  
MANAGEMENT  
LIMITED

PROPERTY

KERRISS CREEK - RON & CLAIM

DDH 84-2

DRILL LOG

SHEET 3 OF 3

DEPTH METERS	LITH.	BEDDING	FAULTS	NUMBER PIECES	% REC.	ASSAY INTERCEPTS	ASSAY DATA										NOTES	Au ppb					
							SAMPLE NO. AND INTERVAL	Ce ppm	Pb ppm	Zn ppm	Mo ppm	Ag ppm	FRACT	PY	X	QV							
82				22	100		729-75																
							7286	1350	20	56	63	0.9	45	6%	-	4							500
							75-77																
84				20	100		7287	980	8	52	50	0.3	60	4	-	4							
							77-79																
86				16	100		7288	1150	14	43	75	0.6	55	4	-	10							
							79-80.3																
88				15	100		7289	1920	17	24	284	0.6	70	10	-	13							
							80.3-83																
90				14	100		7290	1450	15	54	108	0.3	55	10	-	9							
							83-85																
92				22	100		7291	1430	16	40	106	0.5	60	7	-	7							
							85-87																
							7292	1200	8	20	83	0.2											
							87-89.3																
							7293	800	8	30	189	0.2											
							89.3-91																
							7294	1810	14	34	94	0.3											
							91-92.4																
							7295	1120	7	20	80	0.4											

80.3-89.3 Med. grained pale grey green Monzonite; locally darker green. Calcite visible zone 82.2-83.5M

89.3-89.6 dark green fine grained Monzonite

89.6-92.4 coarse grey green Monzonite

92.4 END OF HOLE

4173E  
1840 N  
BQ

135°(SE); -50°

date started Oct. 7  
date complete Oct. 9

LOGGED BY WILLY VANDERBOLL



HI-TEC  
RESOURCE  
MANAGEMENT  
LIMITED

PROPERTY KETESS CREEK - RON 4 CLAIM

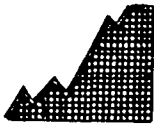
DDH 84-3

SHEET 1 OF 3

DRILL LOG

DEPTH METERS	LITH.	BEDDING	FAULTS	NUMBER OF PIECES	% REC.	ASSAY INTERCEPTS	ASSAY DATA					NOTES				Au ppb		
							SAMPLE NO. AND INTERVAL	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Ag ppm	FRACT	PY	K		QU	
0-6							METERS											
6-8				30	90													
8-10				100	60		6.6-10	7296	1620	6	39	201	0.7	40	6%	-	3	0-6.6M CASING
10-12				55	70		10-12	7297	2600	8	34	237	1.2	30	8	W	8	6.6-40.6 fine to medium grained grey K feldspar; unaltered except: weak K spar 10.8-11.8
12-14				50	80		12-14	7298	1230	4	35	132	0.5	25	5	-	3	strong " 22.1-22.8 with quartz veins
14-16				100	70		14-16	7299	2350	6	33	95	1.0	25	5	-	7	" " 27.0-27.6 " " "
16-18				50	100		16-18	7300	2300	5	35	170	1.1	40	5	-	7	very weak " 27.8-28.0
18-20				30	100		18-20	7301	1060	5	38	126	0.7	40	5	-	6	weak " 30.4-30.8 in zone of fracturing
20-22				40	100		20-22	7302	1760	4	36	78	0.8	35	5	-	6	strong " 35.3-35.5
22-24				23	100		22-24	7303	3700	8	32	178	1.6	40	7	W	11	strong " 40.3-40.4
24-26				50	100		24-26	7304	2000	5	40	72	1.2	60	4	-	5	and locally elsewhere on quartz veins
26-28				60	100		26-28	7305	2300	5	37	91	1.2	50	5	W	13	5 cm quartz vein @ 38.8
28-30				50	100		28-30	7306	2000	7	41	139	1.0	30	5	-	6	quartz veins carry only locally weak pyrite
30-32				45	100		30-32	7307	2400	6	44	118	1.2	35	5	W	8	local trace Cu, Mo.
32-34				45	100		32-34	7308	1740	6	52	74	1.0	30	5	-	10	40.6-62.0 as above
34-36				50	100		34-36	7309	2300	5	53	200	1.5	45	5	W	9	strong K spar 43.3-43.4 on quartz vein
																		medium " 43.8-44.1 " " "
																		weak " 49.5-49.7 " " "
																		weak " 52.1-52.4 " " "
																		weak " 53.6-53.8 " " "
																		weak " 56.5-56.6 " " "
																		weak " 56.9-57.0 on quartz vein
																		strong " 58.6-58.8 on quartz vein with Cu
																		weak " 59.9-60.4 on quartz vein
																		20 cm quartz 47.0-47.2
																		5 cm " 54.1; 57.0; 60.2; 61.0





HI-TEC  
RESOURCE  
MANAGEMENT  
LIMITED

PROPERTY KETESS CREEK - RON 4 CLAIM

DDH 84-3

DRILL LOG

SHEET 2 OF 3

DEPTH METERS	LITH.	BEDDING	FAULTS	NUMBER OF PIECES	% REC.	ASSAY INTERCEPTS	ASSAY DATA					F				NOTES	Au ppb	
							SAMPLE NO. AND INTERVAL	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Ag ppm	FRACT	PY	K			QV
38				26	100		36-38 7310	1600	6	60	78	1.0	45	5%	-	11		520
40				20	100		38-40 7311	1540	6	52	110	0.8	45	5	-	9		400
42				16	100		40-42 7312	1700	5	51	85	1.2	35	6	VW	6		400
44				28	100		42-44 7313	1540	5	46	82	1.0	35	6	VW	6		340
46				35	100		44-46 7314	1330	4	42	56	0.8	55	4	-	5		380
48				38	100		46-48 7315	2450	6	40	59	1.2	25	4	-	4		640
50				23	100		48-50 7316	3500	6	36	63	1.8	45	4	W	5		1400
52				24	100		50-52 7317	1560	3	36	91	0.8	45	4	-	3		360
54				14	100		52-54 7318	2000	5	36	79	1.2	35	5	W	7	62.0-62.5 Kspar altered Monzonite, strong quartz veining (11 core .5M)	660
56				19	100		54-56 7319	2050	4	36	97	1.5	40	4	-	4		640
58				16	100		56-58 7320	1840	5	40	144	0.9	45	4	W	3	62.5-63.0 weak Kspar altered Monzonite	640
60				12	100		58-60 7321	3200	5	40	98	1.6	50	4	W	8	63.0-65.7 Grey Monzonite	920
62				12	100		60-62 7322	1940	5	38	88	1.1	60	4	-	11	65.7-65.9 weak Kspar on quartz veins in Monzonite	580
64				14	100		62-62.5 7323	2600	6	34	97	1.4	50	5	W	15	65.9-66.6 Grey Monzonite	760
66				21	100		62.5-65 7324	1480	3	44	73	0.8	65	6	-	8	66.6-67.7 strong Kspar altered Monzonite; quartz veins, Sulf. fract.	460
				14	100		65-66.6 7325	1110	5	40	70	0.6	85	6	-	10	67.7-69.4 Grey Monzonite 10 cm Kspar 68.2	380



7500C  
205N

-90  
BQ

date started Oct. 10/84  
date completed Oct. 13.

LOGGED BY WIT VANDER POLL



PROPERTY KETESS CREEK - RON 4 CLAIM

DDH 84-4  
SHEET 1 OF 1

DRILL LOG

DEPTH METERS	LITH.	BEDDING	FAULTS	NUMBER OF PIECES	% REC.	ASSAY INTERCEPTS	ASSAY DATA										NOTES	Au ppb			
							SAMPLE NO. AND INTERVAL	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Ag ppm	FRAC	PY	K	QU					
12							METERS														
14				100 <sup>+</sup>	50																
16				70	60		12.8-16	7331	67	12	76	4	0.3								
18				70	60		16-18	7332	20	7	53	3	0.2								
20				100 <sup>+</sup>	75		18-20	7333	24	9	41	6	0.2								
22				100 <sup>+</sup>	75		20-22.1	7334	17	13	33	4	0.1								
24				50	75		22.1-24	7335	23	10	85	2	0.3								
26				100 <sup>+</sup>	75		24-27	7336	25	12	97	2	0.3								
28				100 <sup>+</sup>	75		27-30	7337	17	14	36	1	0.2								
30				100 <sup>+</sup>	50																
32				100 <sup>+</sup>	50		30-33	7338	17	7	47	1	0.2								
34				100 <sup>+</sup>	80		33-35	7339	197	11	78	1	0.1								
36				30	100		35-39	7340	32	10	100	1	0.2								
38																					
40																					

0-12.8M CASING

12.8-22.1 pale grey chert

22.1-27.2 Amigranite Andesite, grey green  
Frequent Calcite cracks. Strong chloritization

27.2-30.0 pale grey green chert; clay & chlorite on fract.

30.0-34.4 Green chert with 20% hematitic bands  
in part fragmental.  
clay & chlorite on fractures.

34.4-39.0 Green chert with 80% hematitic bands  
locally fragmental  
Strong chlorite & clay on fractures

0-39 all core is badly fractured; poor recovery. Blocky. Burned up 4 bits.  
NO fracture estimate.  
NO quartz veins observed

Only traces of pyrite on fractures & dissem

39.0 End of hole



HI-TEC  
RESOURCE  
MANAGEMENT  
LIMITED

3542E  
2050 N

-75° South  
30

date started Oct. 13/84  
date completed Oct. 17

LOGGED BY WIM VANDERPOOL

PROPERTY

KETESS CREEK - RON 4 CLAIM

DDH 84-5

DRILL LOG

SHEET 1 OF 2

DEPTH METERS	LITH.	BEDDING	FAULTS	NUMBER OF PIECES	% REC.	ASSAY INTERCEPTS	ASSAY DATA										NOTES	Au ppm							
							SAMPLE NO. AND INTERVAL	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Ag ppm	Au ppb	PY	HETM	QV									
2							METERS																		
4				70	90		2-4	7341	2953	9	122	3	0.4	5											
6				35	90		4-6	7342	1169	7	247	2	0.1	5											
8				40	85		6-8	7343	194	17	447	4	0.3	5											
10				50	85		8-10	7344	125	10	59	3	0.2	5											
12				50	85		10-12	7345	73	20	81	3	0.1	5											
14				60	85		12-14	7346	37	15	244	2	0.1	5											
16				40	85		14-16	7347	16	13	147	2	0.1	5											
18				30	90		16-18	7348	21	12	155	1	0.1	5											
20				30	95		18-20	7349	41	10	138	1	0.1	5											
22				35	100		20-22	7350	31	19	82	2	0.3	5											
24				45	100		22-24	7351	34	13	475	1	0.3	5											
26				40	100		24-26	7352	36	13	107	1	0.6	5											
28				40	100		26-28	7353	33	6	96	1	0.2	5											
30				30	100		28-30	7354	43	4	100	1	0.2	5											
				15	100		30-32	7355	38	14	76	1	0.3	5											

0-2.0M CASING

2.0-14.2 pale grey chert

strong hematite 0-4.0

4.8-5.0

5.5-6.9

9.3-11.6

12.8-13.1

Weak elsewhere throughout.

6.4-6.8 porph. Andesite; strong Cu? Epidote

14.2-20.4 grey cherty argillite

20.4-22.0 fragmental chert

22.0-27.4 grey chert; locally fragmental 30%

27.4-33.0 grey chert; locally fragmental 10%

well bedded - 60% red chert  
greywacke 32.7-32.9

33.0-42.8 light grey chert; minor hematitic chert  
locally fragmental

42.8-43.0 greywacke

4/2  
45

Au  
ppb

5

5

5

5

5

5

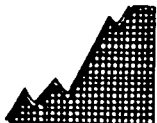
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5

5

5

5



HI-TEC  
RESOURCE  
MANAGEMENT  
LIMITED

PROPERTY \_\_\_\_\_

KETESS CREEK - RON 4 CLAIM

DDH 84-5

DRILL LOG

SHEET 2 OF 2

DEPTH METERS	LITH.	BEDDING	FAULTS	NUMBER OF PIECES	% REC.	ASSAY INTERCEPTS	ASSAY DATA						PY	HET	QV	NOTES	
							SAMPLE NO. AND INTERVAL	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Ag ppm					Au PPB
34					13	100	32-34 7356	19	8	80	1	0.2	5				
36					17	100	34-36 7357	28	16	98	2	0.3	5				
38					38	100	36-38 7358	13	16	138	1	0.3	5				
40					47	100	38-40 7359	11	15	111	5	0.3	5				43.0-45.2 chert, clay altered on fractures locally fragmental < 10 cm
42					35	100	40-42 7360	27	14	89	1	0.3	5				45.2-46.6 fine greywacke. locally coarser to .2cm fragments.
44					60	95	42-44 7361	11	7	114	2	0.4	5				
46					24	100	44-46.6 7362	18	5	88	1	0.1	5				
48					4	100											46.6 END OF HOLE



# Pacific Ridge Resources Corp.

SUITE 810 - 675 WEST HASTINGS STREET, VANCOUVER, B.C. V6B 1N2 • TELEPHONE (604) 687-3388

## EXPENDITURES - RON 4 - ASSESSMENT DATA . . . . SEPTEMBER 11, 1985

### GEOCHEM:

Acme	- 84 - 3022	- Oct. 19/84	\$ 15.75		
	84 - 2971	- Oct. 11/84	48.00		
	84 - 3022	- Oct. 31/84	<u>464.00</u>	\$ 527.75	
Chemex	- 18510438	- Feb. 12/85			122.50

### DIAMOND DRILLING:

#### ASSAYS:

Bondar-Clegg:-

14192	- 124 - 3584	- Oct. 24/84	\$2,606.30		
14193	- 424 - 3584	- Oct. 24/84	74.50		
14280	- 624 - 3584	- Oct. 29/84	<u>22.00</u>	<u>2,702.80</u>	\$ 3,353.05

#### PHIL'S DIAMOND DRILLING: Oct. 31/84

1060' @ \$18.00/ft. = \$19,080.00 (less 350'					
@ \$18.00/ft.) or \$6,300.00/ft. =			12,780.00		
Materials			505.00		
Bits			<u>1,600.00</u>	14,885.00	
Labour				<u>1,900.00</u>	16,785.00

### CAMP & DOMICILE:

Hi Tec:

Generator Rental - 1 wk. @ \$75.00			75.00		
Misc. (except airport parking)			<u>614.71</u>	<u>689.71</u>	689.71

### GEOLOGY:

Wlm Vanderpoll - Oct. 6-20, 22, 24, 25/84					
18 days @ \$250.00			4,500.00	<u>4,500.00</u>	4,500.00

### TRANSPORTATION:

PG/Van	High Tec - Ground Transp.		132.90		
Freight - Hi Tec	- Ground Transp.		<u>40.70</u>	<u>173.60</u>	
					\$25,501.36

BALANCE CARRIED FORWARD

\$25,501.36

Helicopter:

Oct. 10/84	2.5 hrs.	\$1,363.63
11/84	2.4 hrs.	1,309.08
12/84	2.0 hrs.	1,090.90
13/84	2.6 Drill Move	1,418.17
16/84	1.6	872.72
18/84	2.9	1,581.81
19/84	2.6 Demob.	1,418.17
20	<u>1.0</u>	<u>545.45</u>

17.6 hrs. @ \$545.45/hr.

9,599.93

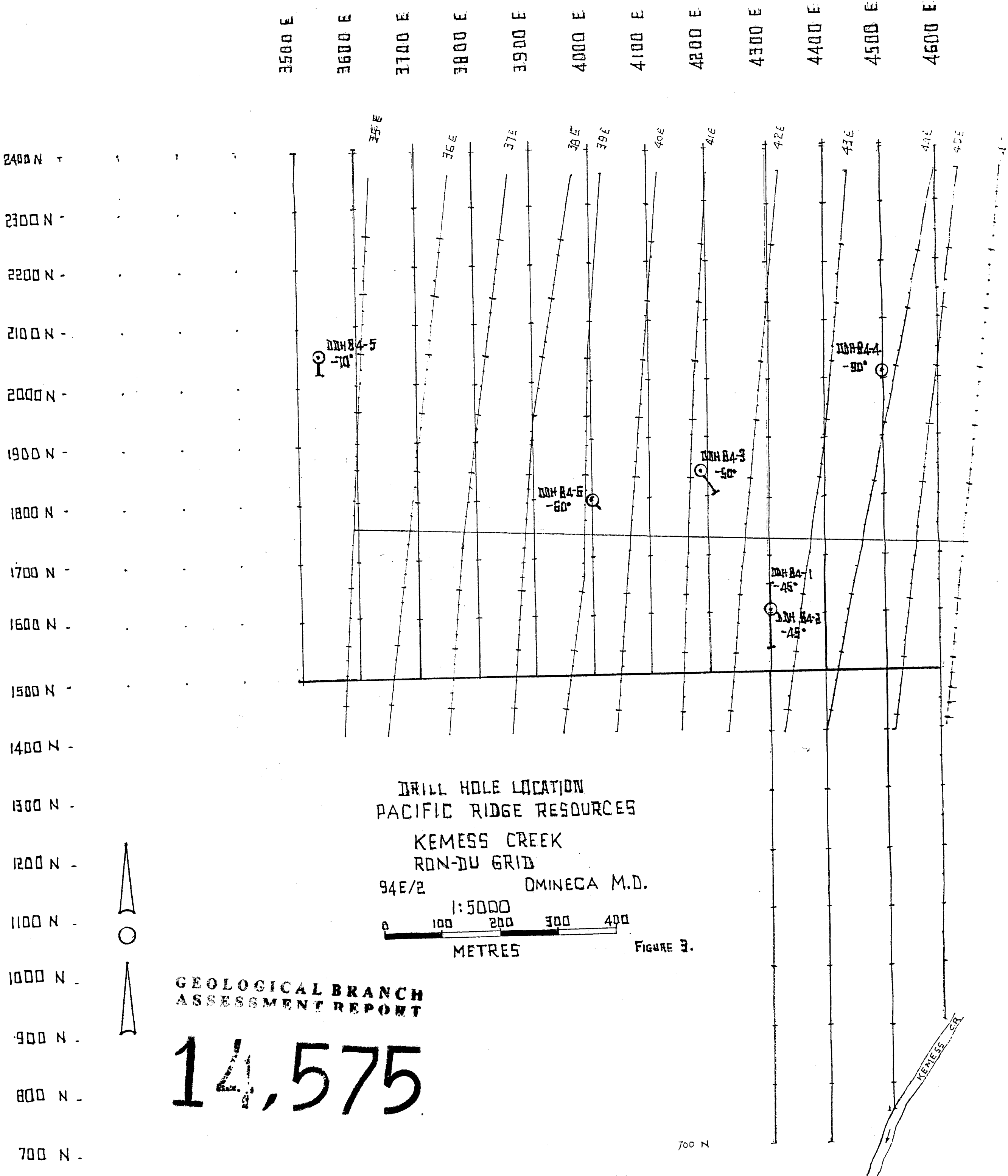
CONSULTING:

Sanguinetti Engineering Ltd. Oct. 19/84

315.00

\$35,416.29





DRILL HOLE LOCATION  
 PACIFIC RIDGE RESOURCES  
 KEMESS CREEK  
 RON-DU GRID  
 94E/2 OMINECA M.D.

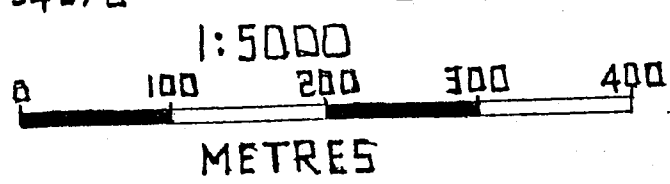


FIGURE 3.

GEOLOGICAL BRANCH  
 ASSESSMENT REPORT

14,575



700 N

KENESS CREEK

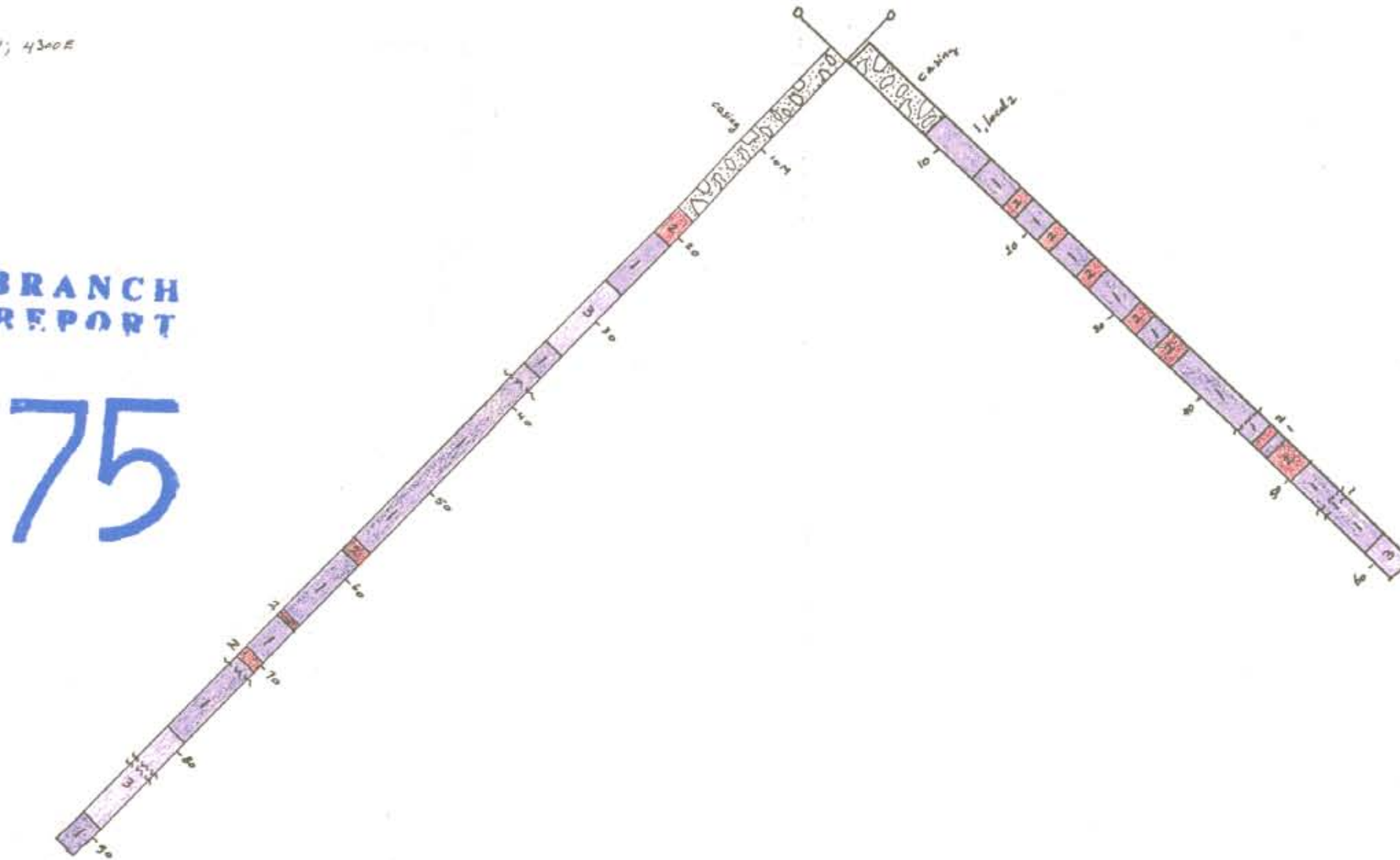
SECTION THROUGH DDH 84-1 AND DDH 84-2; LOOKING WEST

1:500

1690N, 4300E

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

14,575



DDH 84-1  
TOTAL DEPTH 61.9 M

DDH 84-2  
TOTAL DEPTH 92.4 M

LEGEND

unit 1	FINE - MEDIUM GRAINED MONZONITE; GREY
2	COARSE, K SPARK ALTERED MONZONITE; PINK
3	<del>ANDESITE</del> , GREENISH GREY <del>MONZONITE</del>
4	Andesite
5	chert; grey, greyish white to pale green
5a	hematitic chert
5b	cherty argillite
5c	grey wacke

FIGURE 4a.

KEHESS CREEK

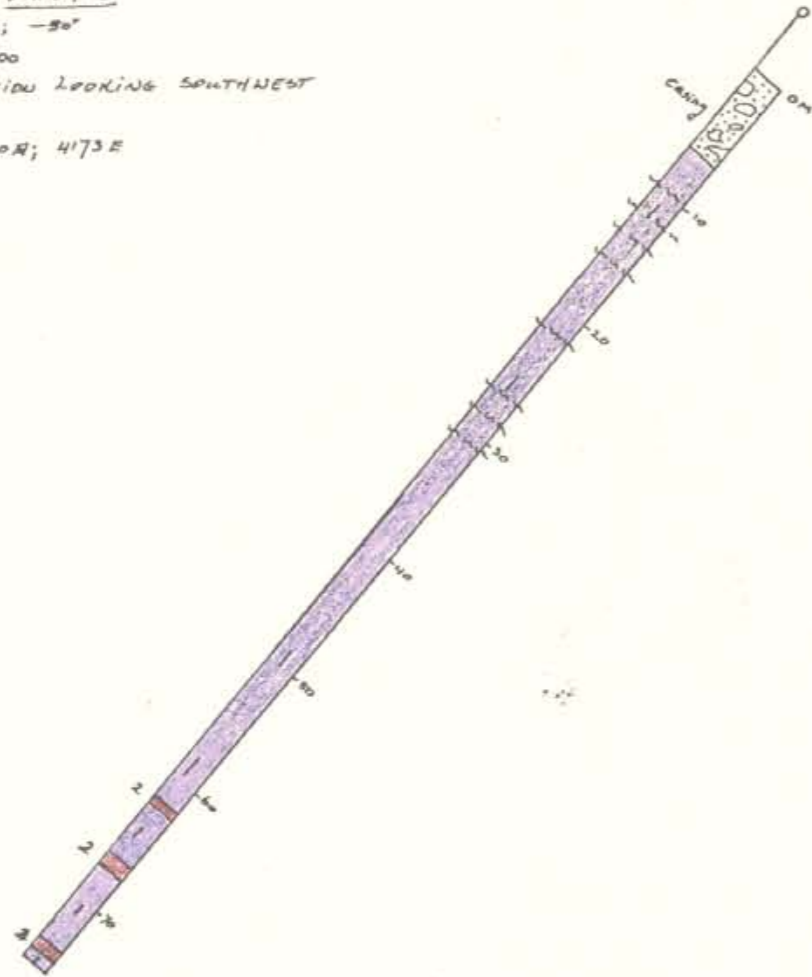
DDH 84-3

135°; -30°

1:500

SECTION LOOKING SOUTHWEST

1840N; 4173E



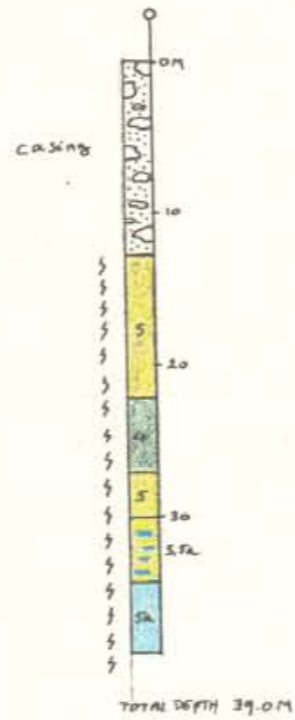
TOTAL DEPTH 75.3M

DDH 84-4

-30°

1:500

4500E; 2025N



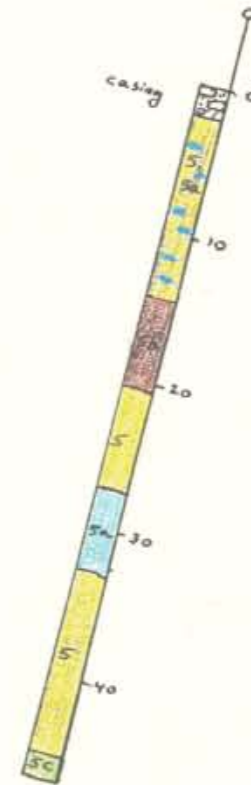
TOTAL DEPTH 39.0M

DDH 84-5

-75°; 180°

1:500

3542E; 2050N



TOTAL DEPTH 46.6M

SEE DDH 84-1 FOR LEGEND.

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

14,575

FIGURE 4b.