



410155E0052 22 SWAYZE

010

DIAMOND DRILLING

Township: SWAYZE

Report No: 22

WORK PERFORMED FOR: Quinterra Resources Inc.

RECORDED HOLDER: SAME AS ABOVE [x]

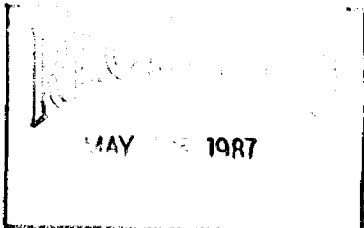
: OTHER []

<u>CLAIM NO.</u>	<u>HOLE NO.</u>	<u>FOOTAGE</u>	<u>DATE</u>	<u>NOTE</u>
P-740060	CL-87-16	487'	Mar/87	(1)
P-740071	CL-87-17	495'	Apr/87	(1)
P-740080	CL-87-20	485'	May/87	(1)
P-740087	CL-87-18	535'	May/87	(1)
P-740088	CL-87-19	485'	Apr/87	(1)
P-799007	CL-87-15	475'	Apr/87	(1)

2962

NOTES: (1) #22/87, filed Jan 18/88

REPORT ON THE DIAMOND DRILLING PROGRAMME
ON THE
CREE LAKE PROPERTY
SWAYZE TOWNSHIP, ONTARIO
FOR
GOLDEN RIM RESOURCES LTD.
MARCH 1987 - APRIL 1987



M. Dubeau
B.Sc.
May , 1987.

1. INTRODUCTION

The 100 claim Cree Lake property in the Swayze and Cunningham Townships, Porcupine Mining Division, Ontario, is held by Quinterra Resources Ltd. and was staked for its potential gold mineralization. Golden Rim Resources Ltd. has since entered a joint venture with Quinterra Resources to explore the property. A 2,962 feet diamond drilling programme was carried out on the property between mid March, early April testing geophysical targets which had been outlined by earlier work.

The following report summarizes the results obtained in the drilling programme.

2. PROPERTY LOCATION AND ACCESS

The property consists of 100 unpatented, contiguous claims in the Swayze and Cunningham Townships, District of Sudbury, Ontario.

The property is located at latitude 47° - 46'N and longitude 82° - 40'N, approximately 190 km north of Sudbury, Ontario and 140 km southwest of Timmins.

Access to the property is via a logging road running south off of Highway 101 just east of Foleyet, Ontario. From there, the old Sultan-Kenty Mine road leads 3 km south to the claim block.

3. WORK DONE

The diamond drilling contract totalling 2,962 feet of BQ core was done by Longyear Canada Inc. of North Bay between March 16 and April 3, 1987. Listed below, in Table 1, are the hole locations and co-ordinates, etc. for the six (6) holes drilled. The holes were spotted on the previously cut grid and aligned according to the grid and compass bearings.

Two (2) acid tests were taken per hole and the core was split, logged and stored in North Bay, Ontario.

Included in the report are the drill logs, cross-sections and a hole location plan for each hole (Figures 1-6).

TABLE 1

FOR EXACT LOCATIONS ON CLAIMS, SEE REPORT #2.9050, MAP #5.
-CORRELATE CO-ORDINATES TO CLAIMS

<u>HOLE NO.</u>	<u>CO-ORDINATES</u>	<u>LENGTH</u>	<u>ANGLE</u>	<u>AZIMUTH</u>	<u>CLAIM</u>
CL-87-15	L-12W: 3+80S	475'	45°	180°	799007
CL-87-16	L 20E:13+60N	487'	45°	180°	740060
CL-87-17	L 24E:12+50N	495'	45°	180°	740071
CL-87-18	L 64E: 6+00S	535'	45°	180°	740087
CL-87-19	L 68E:17+50S	485'	45°	180°	740088
CL-87-20	L 60E:21+00S	485'	45°	180°	740080

4. RESULTS

CL-87-15: The hole was drilled on line 12W to test a ground geophysical anomaly. The hole was highly altered throughout, intersecting, mafic tuffs, mafic volcanic, shear zones, schists and a mineralized zone of chert-sulfides-quartz-carbonate. Minor arsenopyrite was noted in fine grained stringers on as cubic crystals associated with pyrite within the mineralized zone. Between 258-280 feet (22 feet), the mineralized zone and altered mafic tuffs averaged .0157 oz per ton of Au.

CL-87-16: The hole was drilled on line 20E to test geophysical anomaly. Intersected were mafic volcanics, tuffs (mafic-felsic and crystals and 3 graphitic zones.

The conductor appears to be the graphitic zones particularly the second of the 3 zones which averaged .0122 oz Au over 23 feet between 314 and 347 feet.

CL-87-17: The hole was drilled on line 24E to test a geophysical anomaly. The hole intersected mafic volcanics and tuffs, feldporphyries, 2 graphitic schists, one brecciated, the other interbedded with mudstones and the hole ended in a diorite. Between 223-229.5 feet, the mafic tuffs, interlayered with graphite-pyrite beds averaged .021 oz Au/ton over 6.5 feet. No significant Au values were noted in the graphitic horizons which appear to be the conductors tested.

CL-87-18: The hole was drilled on Line 64E to test a geophysical anomaly. The hole intersected mafic volcanics and tuffs, an Iron Formation was intruded by a diorite which in turn was intruded by feld porphyry dykes.
The conductor appears to be the iron formation.

CL-87-19: The hole was drilled on line 68E to test a geophysical anomaly. The hole intersected on mafic volcanics which were hematized in places, minor pyrite throughout to chalcopyrite. There was no apparent conductor intersected.

CL-87-20: The hole was drilled on line 60E to test a geophysical anomaly.
The hole intersected mafic volcanics and tuffs feld, porphyry, crystal tuffs and diorite. Up to 10% pyrite was noted in places.
The diorite is highly magnetic and may be the conductor.

- In Dubau HP
May 1987

DIAMOND DRILL LOG

PROJECT: Cree Lake
 COMPANY: Western Pacific Energy Corp.
 HOLE NO: CL-87-16
 AZIMUTH: 180°
 LOGGED BY: *M. Dubois*
 Dan Irnes
 DRILLED BY: Longyear Canada

COST CODE NO.: 1409

CLAIM NO. P-740060 *Swayze*

LOCATION: L 20 E; 13 + 60 N

DIP AT COLLAR: 45° (484' / 42°)

DATE: March 20, 1987

*B.G. core*LOG

0 - 31 CASING

31 - 57 CRYSTAL TUFF (PORPHYRY)

- highly altered sericitic quartz edge tuff or porphyry
- light coloured for first few feet (surface weathering?) then darker
- minor fuchsite throughout
- 5 to 10% Qtz stringers at all angles to CA
- Minor Py+Po associated with stringers
- Minor tour. along fractures at high angle to CA
- Talc developed along strong foliation @ 45°
- At 33-34: Breccia quartz-carb vein @ 70° to CA

57 - 68 MAFIC VOLCANIC

- fine grained grey black mafic flow
- chloritized and carbonate altered
- foliated @ 45° to CA with ser-carb-talc on foliation
- minor dissem Py+Po
- 5% Qtz + chlorite stringers @ all angles to CA
- @ 66.2-67.3: QV @ 70° to CA + minor hematite

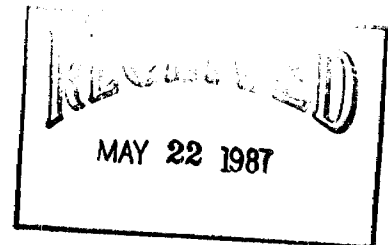
68 - 87 MAFIC VOLCANIC

- Coarse to med. grained Hb-Epid altered mafic flow
- Minor dissem. Py
- 5% QV stringers + minor Py + Hem.
- @ 86-87: Carb + talk - fg contact

86 - 114 TUFF - SED

- Vary-coloured tuff-sed foliated @ 45° to CA
- Ser + carb + talk alt'n
- Variation in grain size to few inches - bedding?
- Minor QCV stringers
- Fine dissem. lensoid Py conc. throughout plus around sil - quartz rich stringer zones
- Few thin graphitic - Py - Qtz rich lenses
- @ 91-97: cherty sericitic tuff - green-yellow
- brecciated - & talcose
- minor dissem. Py & minor tour on fractures
- @ 97-99: Graphitic zone with Qtz stringers + theraatite and minor Py + Po
- @ 99 - 114: As before; fg ser. carb altered tuff
- few coarser grained beds - more sil plus up to 5% dissem Py + Minor Po
- highly foliated @ 50° to CA

- @ 110 - 114: highly silicified with patches of Qtz-carb-feld. segregations
 - pink to buff with 1% D₂ in microfash zone



LOG

- 114 - 132 INTERMEDIATE VOLC.
 - fg andesite porphyritic flows?
 - very soft-altered-carb + ser. but very little foliation
 - minor microfracturing with Qtz + carb + chl & hem

 - @ 125-127 - QCV + chl + Py + hem
 - @ 125-129 - Silicified zone about qtz flooding
- 132 - 139 VOLCANIC BRECCIA
 - Coarse intermediate altered breccia - matrix supported
 - lahar type? - frag's to large blocks but variable in size & composition
 - chlor + minor Py + tour in matrix
- 139 - 191 INTERMEDIATE VOLC.
 - Same as 114-132 - andesite - porphyry
 - 10% microfractures filled with Qtz + chlor + minor Po + Py hem.
 - interflow tuffs may be present - with more Py as cubes to 1 cm
 - few carb. veins that cut QVs

 - @ 183-191: Mixed zone with numerous thin Qtz - graphite fractures and segregations approaching a breccia - minor Py.
- 191 - 194.5 GRAPHITIC ZONE
 - normal graphite horizon with 5% QVs + 5% Py marcasite
- 194.5 - 220 SILICEOUS TUFF
 - quartz rich sericitic tuff - with grey qtz developed along foliation @ 50° to CA
 - minor v.f.g. Py + graphite
 - few secondary qtz stringers
- 220 - 314 MAFIC TUFF
 - mainly carb altered mafic tuff - dioritic appearance locally - may be a mixture of flows and tuffs
 - few qtz stringers - sweat-outs + minor Py

 @ 282 - more foliated + sericitic and lighter in colour
 - more qtz stringers + Py + graphite on fractures

 @ 299-310: very foliated & sericitic with 30% qtz + minor graphite
 - locally brecciated with minor Py

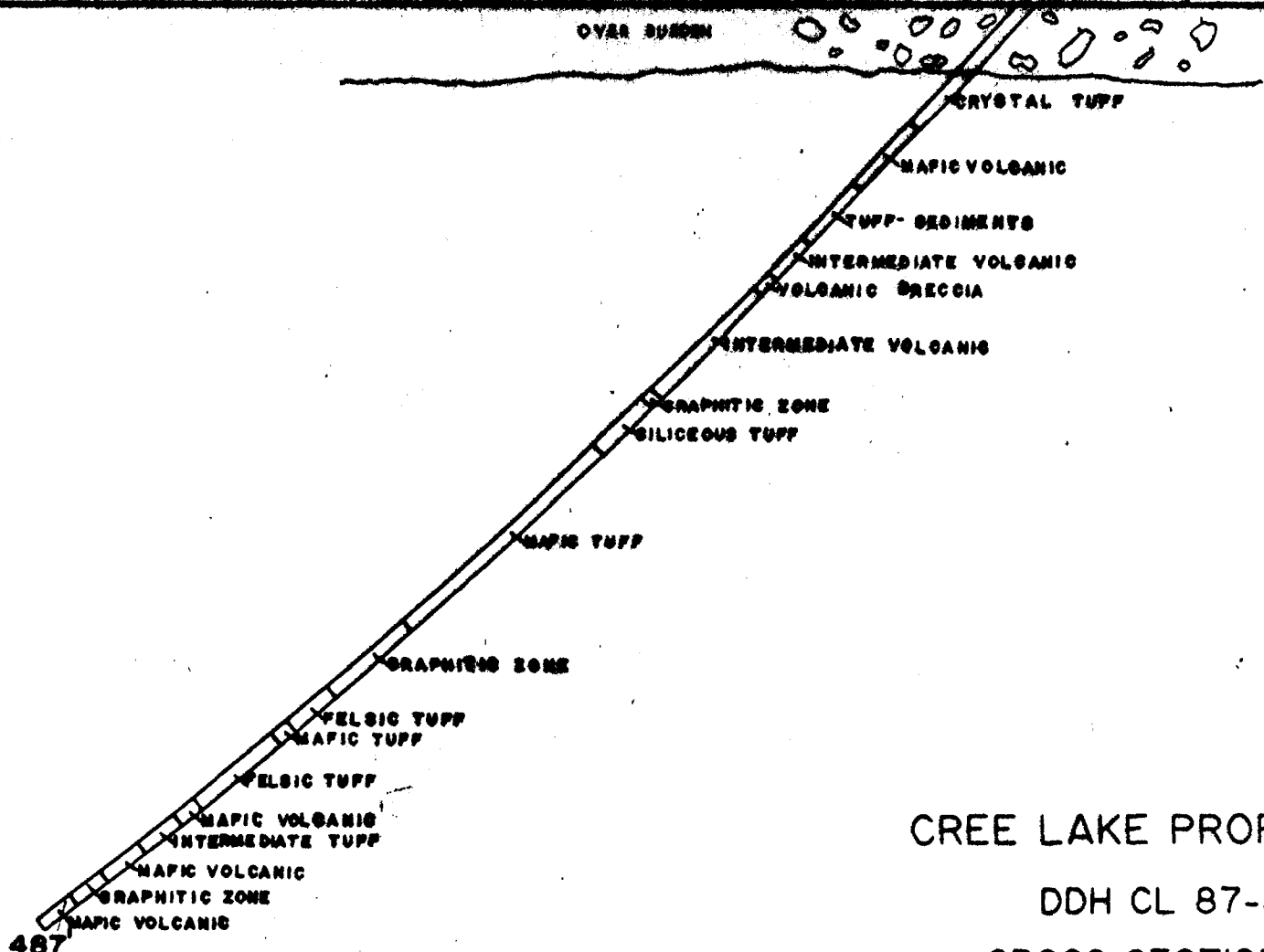
 @ 310-314 as before with less qtz
 - more graphite and up to 10% Py
- 314 - 352 GRAPHITE ZONE
 - Normal graphitic tuff - with 40% grey - ser tuff interbeds
 - 2-5% Py and marcasite - minor cpy
 - few qtz stringers + minor breccia
- 352 - 370 FELSIC TUFF
 - f.g. sericitic tuff with interbeds of crystal tuff (porphyry?)
 - minor Py + few qtz stringers
- 370 - 377 MAFIC TUFF
 - med grained mafic carb altered tuff with few feld metacrysts (porphyry?)
 - minor S + qtz fracturing

- 377 - 412 FELSIC TUFF
- as before - very sericitic with numerous Py + graphite interbeds @ 50° to CA
- @ 389.5-412: highly microfractured with qtz
- 412 - 421 MAFIC VOLCANIC
- Porphyritic flow? - fine grained contacts with coarser grained centre
- gradational contacts
- 421 - 438 INTERMEDIATE TUFF
- Sericitic tuff with 5% Py throughout
- Interbedded graphitic units over a few inches
- Abundant microfracturing - qtz + chl + graphite
- talcose along fractures
- minor Py on fractures
- 438 - 455 MAFIC VOLCANIC
- fg to og mafic flow - upper contact in fg @ 45°
- lower contact is sheared - qtz + ser @ 60° to CA
- 455 - 469 GRAPHITIC ZONE
- as before, dk fg graphitic tuff
- more siliceous and less graphitic with abundant qtz + Py filled microfractures giving a breccia appearance
- up to 10% Py
- 469 - 487 MAFIC VOLCANIC
- as before - med to og carb altered mafic flow
- few QC stringers
- 487 END OF HOLE

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY	
				ppb	oz
7751	31	35	4		.0113
7752	35	40	5		nil
7753	40	45	5		.0017
7754	45	50	5		nil
7755	50	55	5		nil
7756	55	57	2		nil
7757	57	59	2		nil
7758	59	64	5		nil
7759	64	68	4		nil
7760	68	86	26		nil
(Grab of QV stringers)					
7761	86	91	4		nil
7762	91	97	6		nil
7763	97	99	2		nil
7764	99	102	3		nil
7765	102	107	5		nil
7766	107	110	3		nil
7767	110	112	2		nil
7768	112	114	2		nil
7769	125	127	2		nil
7770	127	129	2		nil
7771	132	137	5		nil
7772	144	163	19		.0003
(Rep. sample)					
7773	163	181	18		nil
(Rep. sample)					
7774	183	191	8		nil
7775	191	194.5	3.5		.0006
7776	277	294	17		nil
(Rep. sample)					
7777	298	301	3		nil
7778	301	306	5		nil
7779	306	310	4		nil
7780	310	314	4		.0003
7781	314	319	5		.0032
7782	319	322	3		.0046
7783	322	327	5		.0017
7784	327	332	5		.0058
7785	332	337	5		.013
7786	337	342	5		.0072
7787	342	347	5		.0258
7788	347	352	5		.002
7789	352	365	13		nil
(Rep. sample)					
7790	377	389.5	12.5		nil
(Rep. sample)					
7791	422	431	9		nil
(Rep. sample)					
7792	431	438	7		nil
7793	455	461	6		.0006
7794	461	469	8		nil

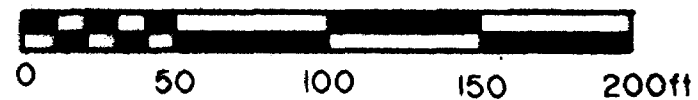
S 9N 10N 11N 12N 13+60N 14N 15N N



CREE LAKE PROPERTY

DDH CL 87-16

CROSS SECTION
L20E, 13+60N



DIAMOND DRILL LOG

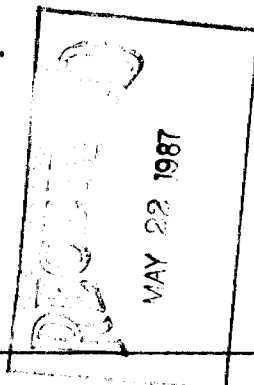
PROJECT: CREE LAKE
 COMPANY: QUINTERRA RESOURCES INC.
 HOLE NO: CL-87-17
 AZIMUTH: 180⁰
 LOGGED BY: MICHELLE DUBEAU
 DRILLED BY: LONGYEAR

COST CODE NO.: P1409

LOCATION: 12 + 50 N, Line 24 E

DIP AT COLLAR: 45⁰
 (207'/46⁰, 495'/48⁰)
 DATE: APRIL , 1987

CLAIM NO. 740071 Swayze
 B.G. core

LOG

- 0 - 23 OVERBURDEN
- 23 - 50 MAFIC TUFF
 fine to med grained, bedding 45⁰ CA
 med. sericitic alt. 2% qtz-carb veining at all angles to CA, light coloured
 minor py disseminated
 23' - 28.0' 15% qtz-carb veining, minor sulphides
 43.0' - 50.0' 15-20% qtz-carb veining
 1-2% py locally
- 50 - 79 MAFIC VOLCANIC
 gradational contact
 med. green colour
 fine-med. grained
 speckled carb. alt. throughout
 qtz-carb-chlorite stringers at all angles
 hematite along fractures and in some stringers
 unit has massive to "spotty" appearance
 the "spotty" app. is due to replacement crystals (1-5mm)
 weak foliation 45⁰ CA
 1-2% diss. py (local)
- 79 - 95.5 MAFIC TUFF
 gradational contact
 similar unit to 23' - 50'
 5-10% qtz-carb veining, at least 2 generations cross-cutting
 minor py diss. (2-3% locally)
- 95.5 - 181 MAFIC VOLCANIC
 gradational contact
 f.g. light green-grey 1st few feet of unit grading into "spotty" green-dk green
 (similar to unit 50-79)
 - minor py diss.
 - qtz-carb-chlorite veins at all angles
 135.6 - 4" qtz-carb. chlo. vein 50⁰ CA
 151-153.5 - 10-15% qtz, 5% chlorite minor py diss.
 153-5 - 173 plagioclase phenocrysts (1-5mm) found throughout
 173-181 f.g. light grey-green
- 181 - 202 MAFIC TUFF (LAPILLI)
 sharp contact at 45⁰ CA, greenish-yellow (sericitized) becoming
 increasingly graphitic and finer grain down hole, minor sulfides throughout
 good bedding 45⁰ CA between 181-190.5
 fragments up to 2-3mm
 minor qtz stringers at all angles

- 202 - 220.5 BRECCIATED GRAPHITIC SCHIST
Contact 30° CA
graphitic matrix
chert & pyrite fragments, angular to subrounded, up to 2 cm
matrix to fragment supported
schistosity at 45-50° CA
minor hematite around chert fragments
15% py as fragments and thin stringers
- 220.5 - 243.5 MAFIC TUFF
gradational contact
interlayering of fine grained, medium grained and graphitic-pyritic beds
bedding when noted is 45-50° CA
minor f.g. pyrite diss. throughout (1-2% locally)
5-10% qtz veins at all angles (up to 2% py locally)
- 243.5 - 252 FELD. PORPHYRY
sharp contact 80° CA
feld. phenocrysts vary in size between 1mm - 6mm and are
euhedral to rounded
matrix supported
- 252 - 294.5 MAFIC TUFFS
sharp contact - 80° CA
interlayering of fine grained, medium grained and graphite-py tuffs
beds vary in sizes between few inches to 3 feet
bedding vary between 30° - 60° CA
minor f.g. py diss. throughout fine and med. grained tuffs
up to 15% py/marcasite (xtls & stringers) in graphitic tuffs, minor hematite
along fractures
10% qtz carb veins at all angles throughout
293.5 - 294.5 mafic dyke, epidotized
- 294.5 - 307 CRYSTAL TUFF
Sharp contact 30° CA
- fine - med. grained
- feld. laths fine to med. size
- slight foliation noted in place 30-40° CA
5% qtz-carb veining at all angles
- minor py diss. throughout
- 307 - 331 MAFIC TUFFS
Gradational contact
interlayering of fine-grained, medium grained and graphitic-py tuffs
(similar to unit 252-294.5)
- 331 - 345.5 MAFIC VOLCANIC
Sharp contact 60° CA
- fine-coarse grained - med. green
- mottled appearance - dk. green, rounded xtls in plagioclase matrix
- minor sulfides
- 2-3% qtz-carb stringers at all angles

345.5 - 356.5 FELD. PORPHYRY

- Sharp contact 50° CA
- similar to unit 243.5 - 252
- 2" shearing near upper contact
- 3" qtz-carb vein on lower contact

356.5 - 360 GRAPHITIC SCHIST/MUDSTONE

- Sharp contact 80° CA
- interlayering of graphitic - py schist and mudstones
- 10-15% py stringers, hematite along fractures
- schistosity varies between 30-80° CA

360 - 366.5 MAFIC VOLCANIC

- Gradational contact
- med. green, fine-med. grain
- speckled carb. alt. throughout
- 5% qtz-carb-chlorite stringers at all angles
- minor sulfides disseminated

366.5 - 495 DIORITE

- Sharp contact 60° CA
- brecciated qtz vein (1") near top contact
- 2" fine grained contact
- med-coarse grained typical diorite
- qtz-carb vein 45° CA, 50° CA (barren)
- qtz stringers throughout
- minor sulfides disseminated

495 END OF HOLE

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY	
				ppb	oz
7795	23.0	26.0	3.0		
7796	43.0	45.5	2.5		
7797	45.5	46.5	1.0		
7798	46.5	49.0	2.5		
7799	49.0	50.0	1.0		
7800	64.0	66.5	2.5		
7801	66.5	69.0	2.5		
7802	69.0	72.0	3.0		
7803	77.0	78.5	12.5		
7804	85.0	87.0	2.0		
7805	87.0	88.0	1.0		
7806	88.0	90.0	2.0		
7807	127.0	128.0	1.0		
7808	128.0	128.5	0.5		
7809	128.5	129.5	1.0		
7810	134.5	135.5	1.0		
7811	135.5	136.0	0.5		
7812	136.0	137.0	1.0		
7813	151.0	152.0	1.0		
7814	152.0	153.0	1.0		
7815	153.0	153.5	0.5		
7816	182.0	183.0	1.0		
7817	183.0	184.0	1.0		
7818	184.0	185.0	1.0		
7819	185.0	186.0	1.0		
7820	200.0	202.0	2.0		

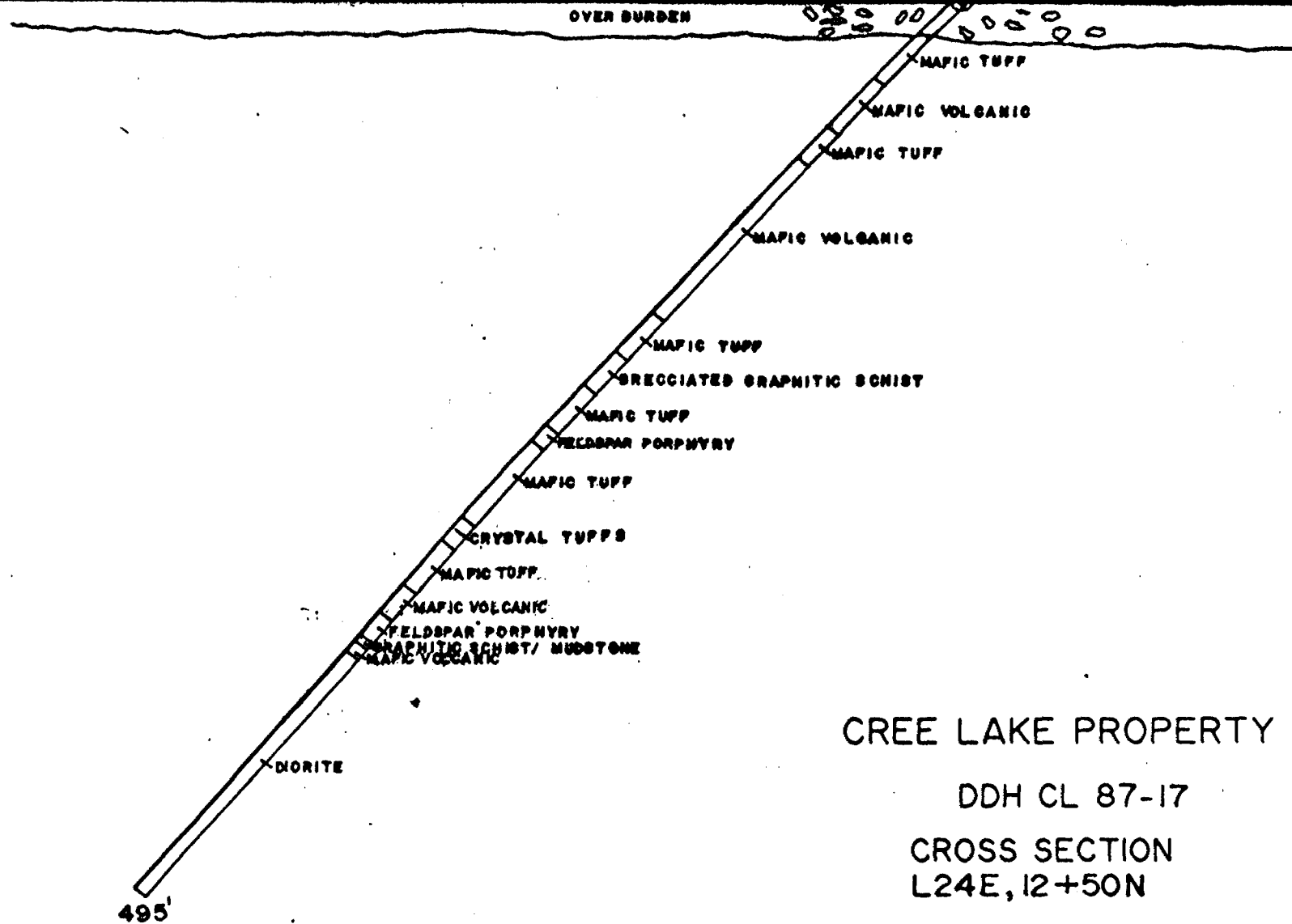
CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY	
				ppb	oz
7821	202.0	204.0	2.0		
7822	204.0	206.0	2.0		
7823	206.0	208.0	2.0		
7824	208.0	210.0	2.0		
7825	210.0	212.0	2.0		
7926	212.0	214.0	2.0		
7927	214.0	216.0	2.0		
7928	216.0	218.0	2.0		
7929	218.0	220.5	2.5		
7930	220.5	223.0	2.5		
7931	223.0	223.5	0.5		
7932	223.5	224.5	1.0		
7933	224.5	226.0	1.5		
7934	226.0	227.0	1.0		
7935	227.0	229.5	2.5		
7936	232.0	233.0	1.0		
7937	233.0	234.0	1.0		
7938	234.0	235.0	1.0		
7939	235.0	236.0	1.0		
7940	239.5	240.5	1.0		
7941	240.5	241.5	1.0		
7942	241.5	242.5	1.0		
7943	261.0	262.0	1.0		
7944	268.5	269.5	1.0		
7945	269.5	270.5	1.0		

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY	
				ppb	oz
7946	270.5	271.0	0.5		
7947	277.5	278.5	1.0		
7948	278.5	281.0	2.5		
7949	281.0	282.0	1.0		
7950	302.0	303.5	1.5		
55551	303.5	305.0	1.5		
55552	305.0	306.0	1.0		
55553	306.0	307.0	1.0		
55554	307.0	308.0	1.0		
55555	308.0	309.0	1.0		
55556	309.0	310.5	1.5		
55557	310.5	313.0	2.5		
55558	313.0	314.0	1.0		
55559	314.0	315.0	1.0		
55560	315.0	317.0	2.0		
55561	317.0	318.0	1.0		
55562	318.0	320.0	2.0		
55563	320.0	322.0	2.0		
55564	322.0	324.0	2.0		
55565	324.0	325.5	1.5		
55566	325.5	327.5	2.0		
55567	327.5	330.0	2.5		
55568	330.0	331.0	1.0		
55569	356.5	358.5	2.0		
55570	358.5	360.0	1.5		

S 8N 9N 10N 11N 12N 12+50N 13N 14N N



CREE LAKE PROPERTY

DDH CL 87-17

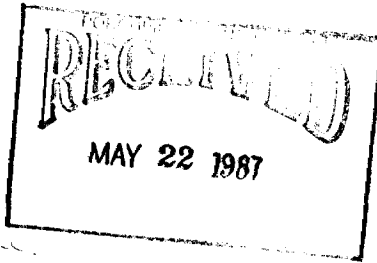
CROSS SECTION
L24E, 12+50N



DIAMOND DRILL LOG

PROJECT: CREE LAKE
 COMPANY: QUINTERRA RESOURCES INC.
 HOLE # CL-87-20
 AZIMUTH: 180
 LOGGED BY: MICHELLE DUBEAU
 DRILLED BY: LONGYEAR

COST CODE NO.: P1409
 CLAIM NO. 740080
 LOCATION: 21 S L 60 E
 DIP AT COLLAR: 45°
 (265/46°, 485/45°)
 DATE: MAY 1987



BG - ecce.

LOG

- 0 - 22 OVERBURDEN
- 22 - 27 MAFIC VOLC
 dk. green-grey, f.g. numerous qtz-carb stringers at all angles.
 no sulfides noted.
- 27 - 37.5 CRYSTAL TUFF (FELD PORP.)
 Gradational contact
 - med. green, moderate carbonate alteration throughout
 - med. to coarse grained feldspars, coarser towards end of unit, therefore
 tops are to the north
 (3-4 cm rounded mafic clast near end of unit)
 Epidote - qtz-carb veins @ 40 CA often crosscut by younger generations of
 qtz-carb stringers, minor sulfides associated
- 37.5 - 65 MAFIC TUFF
 Gradational contact
 - med. green-grey f.g.
 - weak to strong foliation locally foliation 45 CA
 - mod-strong carbonate alteration throughout
 - qtz-carb veins 40-45 CA, minor chlorite, hematite & epidote
 associated, some crosscut by younger generations of qtz-carb stringers
 - sulfides locally concentrated in beds and/or associated with veins,
 up to 3% locally
 44-45 qtz-carb-epidote-chlorite veins @ 45 CA minor sulfides
 55.5-56 - qtz-carb-hematite veins @ 20-45 CA 1-2% py.
- 65 - 80.5 CRYSTAL TUFF (FELD. PORP.)
 Gradational contact
 - similar to unit 27-37.5
 - coarser towards end of unit therefore tops are to the north. No
 sulfides noted throughout unit. No foliation noted.
 66.5 - 1 1/2" qtz vein, 45 CA, no sulfides noted
 79 - fuchsite noted
- 80.5 - 132 MAFIC TUFF
 Gradational contact
 - similar to unit 37.5 - 65
 - moderate-strong foliation 45 CA mod-strong carbonated in places where
 strong foliation, 1% py (3-5% locally)
 80.5-82, heavy sulfides disseminated and associated with qtz stringers
 4-5% py, minor cpy

- 80.5 - 132 MAFIC TUFF (cont.)
 105.5-113, heavy py crystals (up to 10%) associated with stringers, qtz-carb veining, strongly carbonated
 127.5-130, heavy cpy and py crystals (up to 7%) associated with qtz-carb stringers at all angles to C.A.
- 132 - 311 MAFIC VOLCANIC
 Gradational contact
 - massive f.g., dk green-grey, numerous qtz-carb stringers
 - qtz carb veins 30-45 CA usually epidotized minor sulfides sometimes noted.
 - specular hematite noted on fractures or in veins throughout unit
 - qtz-carb-epidote veins (40-65%) (minor hematite & py) @ 151-153.5,
 - 190-191, 196.5-197, 204-204.5, 211-212, 255-256.5 (3%) py,
 221.5 - 224 - 2-3% py disseminated, silicified, minor specularite hematite (brecciated in places)
 236 - 236.5 heavy (5%) sulfides (py) anhedral, disseminated
 240.5 - fuchsite speck noted in qtz-carb vein (@ 45 CA)
 254.5 - 2 specks cpy noted, associated with qtz and fuchsite
 277, 2 cpy specks in qtz-carb vein (45 CA)
- 311 - 320.5 FELD PORPHYRY
 Sharp contact 90 CA
 - f.g. upper contact, 1 mm feld laths, f.g. mafic matrix moderately magnetic, no sulfides noted
- 320.5 - 321 MAFIC VOLCANIC
 Sharp contact 90 C.A.
 - f.g., dk green, mafic volc.
- 321 - 329 INTERMEDIATE INTRUSIVE (DIORITE - HEMATIZED)
 - med. grained, red-green, highly hematized and chloritized, high magnetic massive
 - greenish felds (chloritized) and the matrix is reddish green, no sulfides noted
- 329 - 485 MAFIC TUFFS
 Sharp jagged contact 85 CA
 - dk-med green, non-magnetic, strong foliation 45 CA
 - moderately carbonated throughout - up to 3% py (locally)
 - epidote noted along certain fractures - qtz-carb veins at all angles
 348-350.5 - highly sericitized, 3% py diss.
 370-373 - dk green-black highly magnetic and altered (hard), qtz veins - stringers hematized and epidotized
 385-400 highly distorted, wavy foliation @ 0 - 25 CA
 light green f.g. mod. carbonated, sericitized up to 5% py throughout unit, 1 speck cpy noted
 402.5 - 403 altered tuffs - buff-green, moderately sericitized 5% py
 415.5 - 485 altered tuffs - buff green, moderately strong sericitization up to 5% py locally, strong foliation 0 - 35 CA
 - some qtz-carb veins hematized, brec. in places
 416.5-419 - 15% qtz veins (at all angles) highly sericitized, strong foliation - 0 - 45 CA up to 5% py
 424 - 1" qtz-carb vein (hematized) 1% py @ 35 CA
 451.0 - 452 - 10% qtz veins (@ all angles) similar to 416.5 - 419

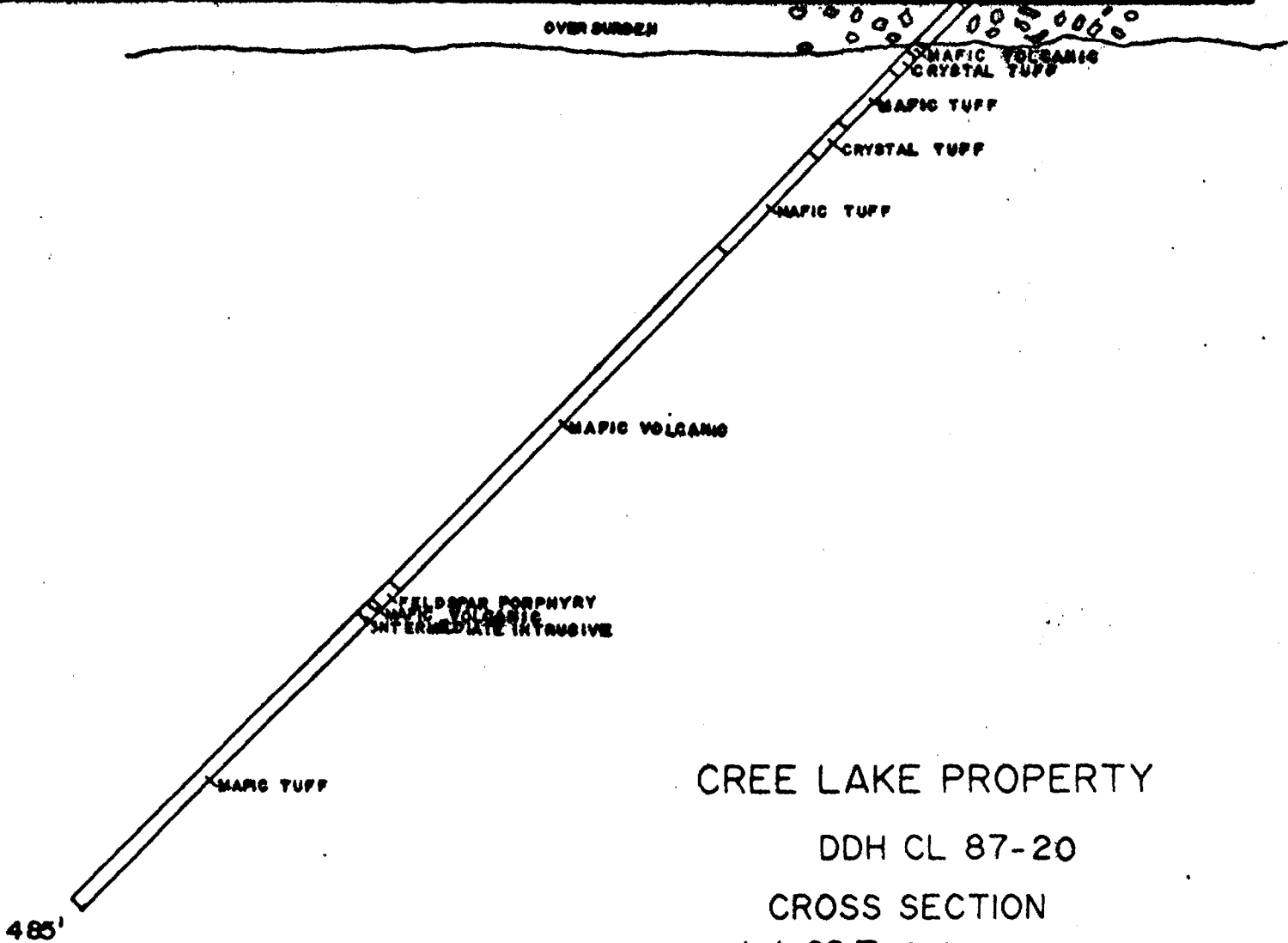
CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY	
				ppb	oz
55786	30.5	31.5	1.0		
55787	43.0	44.0	1.0		
55788	44.0	45.0	1.0		
55789	45.0	49.0	4.0		
55790	49.0	50.0	1.0		
55791	50.0	51.0	4.0		
55792	51.0	55.0	4.0		
55793	55.0	58.5	3.5		
55794	58.5	60.0	1.5		
55795	60.0	65.0	5.0		
55796	65.0	66.0	1.0		
55797	66.0	66.5	.5		
55798	82.0	83.5	1.5		
55799	83.5	88.5	5.0		
55800	88.5	92.5	4.0		
55801	92.5	94.0	1.5		
55802	94.0	95.0	1.0		
55803	95.0	97.0	2.0		
55804	104.5	105.5	1.0		
55805	105.5	107.0	1.5		
55806	107.0	109.5	2.5		
55807	109.5	111.0	2.5		
55808	111.0	113.0	2.0		
55809	125.0	127.5	2.5		
55810	127.5	130.0	2.5		
55811	130.0	132.0	2.0		
55812	151.0	153.5	2.5		
55813	153.5	157.5	4.0		
55814	175.5	176.5	1.0		
55815	184.0	185.0	1.0		
55816	190.0	191.5	1.5		
55817	196.5	197.0	.5		
55818	203.5	205.0	1.5		
55819	211.0	212.0	1.0		
55820	221.5	224.0	2.5		
55821	230.0	231.5	1.5		
55822	231.5	235.0	3.5		
55823	235.0	236.5	1.5		
55824	236.5	240.0	3.5		
55825	240.0	241.5	1.5		
55826	253.5	255.0	1.5		
55827	255.0	256.5	1.5		
55828	274.5	276.0	1.5		
55829	276.0	278.0	2.0		
55830	282.0	283.0	1.0		
55831	320.5	325.0	4.5		
55832	325.0	329.0	4.0		
55833	329.0	333.0	4.0		
55834	337.0	339.0	2.0		
55835	339.0	341.0	2.0		
55836	341.0	346.0	5.0		
55837	346.0	348.5	2.5		
55838	348.5	350.5	2.0		
55839	350.5	353.0	2.5		

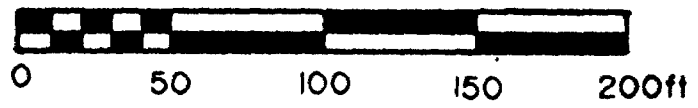
CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY	
				ppb	oz
55840	353.0	358.0	5.0		
55841	358.0	363.0	5.0		
55842	363.0	368.0	5.0		
55843	368.0	370.0	2.0		
55844	370.0	373.0	3.0		
55845	373.0	378.0	5.0		
55846	378.0	383.0	5.0		
55847	383.0	385.0	2.0		
55848	385.0	387.5	2.5		
55849	387.5	390.0	2.5		
55850	390.0	392.5	2.5		
55851	392.5	395.0	2.5		
55852	395.0	397.5	2.5		
55853	397.5	400.0	2.5		
55854	400.0	405.0	5.0		
55855	405.0	410.0	5.0		
55856	410.0	415.0	5.0		
55857	415.0	416.5	1.5		
55858	416.5	419.0	2.5		
55859	419.0	424.0	5.0		
55860	424.0	425.0	1.0		
55861	425.0	430.0	5.0		
55862	430.0	435.0	5.0		
55863	435.0	440.0	5.0		
55864	440.0	445.0	5.0		
55865	445.0	450.0	5.0		
55866	450.0	452.0	2.0		
55867	452.0	455.0	3.0		
55868	455.0	460.0	5.0		
55869	450.0	465.0	5.0		
55870	465.0	470.0	5.0		
55871	470.0	475.0	5.0		
55872	475.0	480.0	5.0		
55873	480.0	485.0	5.0		

S 268 258 248 238 228 218 208 N



CREE LAKE PROPERTY
 DDH CL 87-20
 CROSS SECTION
 L 60 E, 21 S



DIAMOND DRILL LOG

PROJECT: CREE LAKE COST CODE NO.: P1409
 COMPANY: QUINTERRA RESOURCES INC. CLAIM NO. 740087 *Swayze*
 HOLE NO: CL-87-18 LOCATION: Line 64 E 6 S
 AZIMUTH: 180 DIP AT COLLAR: 45
 (255'/49°, 535'/47°)
 LOGGED BY: Michelle Dubeau DATE: May 1987
Michelle Dubeau
 DRILLED BY: Longyear *Longyear*

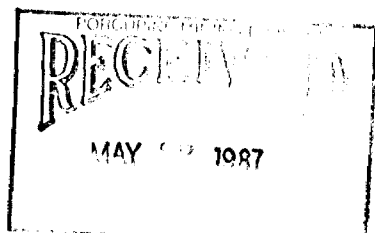
LOG

0 - 4 OVERBURDEN

4 - 25.5 MAFIC VOLC
 - f.g. massive med. green patchy lt-green epidote alteration throughout unit, numerous qtz-carb stringers @ all angles, up to 1% py noted disseminated, specular hematite noted in qtz-carb veins-stringers with in fractures - broken core @ 25.

25.5 - 40 MAFIC TUFFS (ALTERED)
 Gradational contact
 - lt. green, v.f. grained, strong foliation @ 50° CA distorted foliation (30-90° CA) noted in places. Highly silicified non magnetic
 - 20-30% qtz-carb veins throughout, usually brecciated minor sulfides noted; trace fuchsite noted - Fe-carb noted in veins - up to 1% py locally.

40 - 137 FE FORMATION
 Sharp contact 45° CA
 - 40-59 brecciated, black qtz-chert, graphite py stringers-veins brecciated (up to 10% locally) minor jasper noted in qtz-veins
 - minor qtz-carb veins at all angles
 - non magnetic
 - 59-137 interlayering beds of buff chert, graphite black-grey qtz.
 - Pyrite & magnetite (brecciated in places similar to 40-59) highly magnetic
 - bedding @ 45° CA cross-cut by qtz-carb veins at all angles.
 - @ 70-71 up to 35% py interlayered with magnetite.
 - @ 112.5 3" jasper-rich bed.
 - @ 129-131.5 py-graphite beds, highly distorted in places.
 - 40% qtz, 25% py, 35% gp.
 - 136.5-137 gp-py beds interlayered good bedding @ 45° CA
 - 25% py 20% gp



- 137 - 147.5 TUFFS - SEDIMENTS
 Gradational Contact
 - interlayering of fine grained sedimentary beds graphitic & pyrite-rich beds.
 - good bedding @ 45° CA
 - non magnetic
 - @ 144.5 - 147.5 brecciated, high qtz veining with high % py.
- 147.5 - 299 INTERMEDIATE INTRUSIVE (DIORITIC)
 Sharp Contact 60° CA
 - color varies between med. to dk. green.
 - fine to med grained massive (some areas are highly chloritized-dk green)
 - feld.laths 1-3mm. hematite along fractures minor py disseminated throughout.
 - strong magnetism where coarser grained
 - moderately carbonated throughout
 - @ 178.5-179.5 qtz-carb veins 30% minor sulfides.
 - @ 183.5 - 5" qtz-carb veins, minor sulfides.
 - 185-186 - 35% qtz-carb veins, minor sulfides.
 - 187-5 - 5" qtz-carb veins, minor sulfides.
 - 235-236.5 - 20% brecciated qtz-carb veins, minor sulfides
 - 243.5 - 2 specks of cpy
 - 274.5 - 275.5 - 20% qtz-carb veins, minor py
 - 280-283 Brecciated qtz-carb-diorite, minor sulfides
 - 288 - 299 patchy, light green alteration (sericitized) to py disseminated.
- 299 - 315 FELD PORPHYRY (FELSITE DYKE)
 Sharp jagged contact 85°
 - v.f.g. lt.grey matrix white rounded feld phenocrysts non-magnetic, tr. sulfides potassic alt in places.
 - 312-315 high potassic alteration throughout giving salmon color.
- 315 - 449.5 INTERMEDIATE INTRUSIVE (DIORITIC)
 Sharp jagged contact 90° CA
 - 315-327 similar to 312-315 (patchy sericitization) strong foliation @ 40-60° CA.
 - 329 - 383 grading into coarser grained lt.green with round dk.green patches (chlorite) non-magnetic to sulfides noted.
 - 350.5 - 351 - 60% qtz-carb vein trace, sulfides noted.
 - 383-459.5 same as 147.5-288 but non-magnetic
 - 427.5-430.5 - 1" qtz-carb vein @ 0° CA minor hematite up to 2% py cubes disseminated in vein.
 - 439.5 - 1" qtz vein @ 45° CA, minor sulfides.
 - 446.5 - 1" qtz vein @ 90° CA, barren
- 449.5 - 461 FELD PORPHYRY (FELSITE DYKE)
 Sharp jagged contact @ 85° CA
 - similar to unit 299-315 but no potassic alteration.
 - up to 1% py, disseminated.
- 461 - 478 INTERMEDIATE INTRUSIVE (DIORITIC)
 Sharp contact 40° CA
 - similar to unit above.

478 - 480.5 FELD PORPHYRY (FELSITE DYKE)

Sharp contact @ 80° CA

- similar to unit above.

480.5 - 527.5 IRON FORMATION

- similar to 40 - 137 bedding @ 45° CA

- @ 517.5 - 520.5 broken core, gp-rich

- 520.5 - 527.5 highly brecciated, up to 15% py locally

527.5 - 535.5 TUFFS (SEDIMENTS)

Gradational contact

- similar to unit 137-147.5

535

END OF HOLE

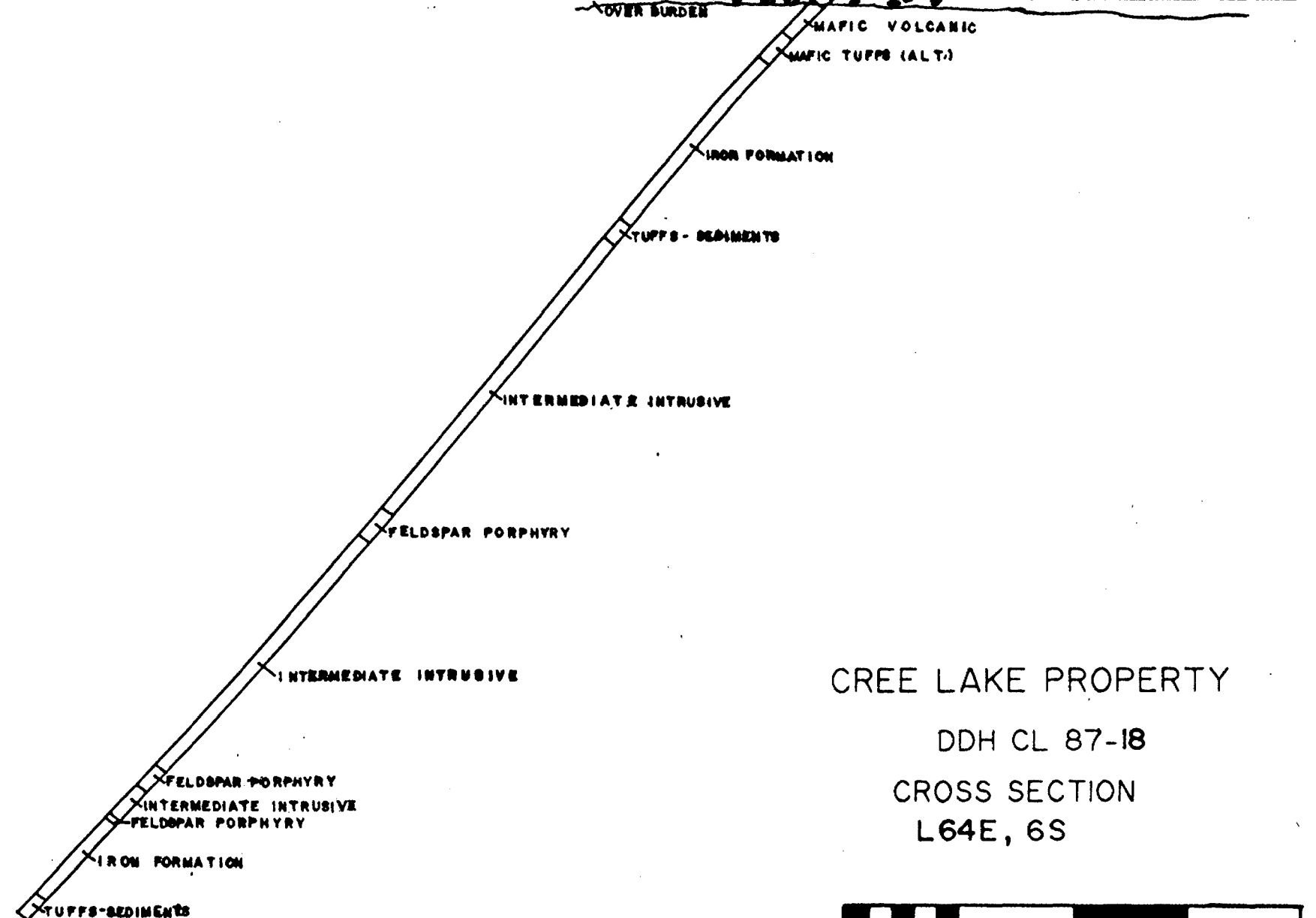
CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY	
				ppb	oz
55874	25.5	30.0	4.5		
55875	30.0	35.0	5.0		
55876	35.0	40.0	5.0		
55877	40.0	42.5	2.5		
55878	42.5	45.0	2.5		
55879	45.0	47.5	2.5		
55880	47.5	50.0	2.5		
55881	50.0	52.5	2.5		
55882	52.5	55.0	2.5		
55883	55.0	57.5	2.5		
55884	57.5	59.0	1.5		
55885	59.0	61.5	2.5		
55886	61.5	64.0	1.5		
55887	64.0	66.5	2.5		
55888	66.5	70.0	2.5		
55889	70.0	71.0	1.0		
55890	71.0	72.5	1.5		
55891	72.5	75.0	2.5		
55892	75.0	77.5	2.5		
55893	77.5	80.0	2.5		
55894	80.0	82.5	2.5		
55895	82.5	85.0	2.5		
55896	85.0	87.5	2.5		
55897	87.5	90.0	2.5		
55898	90.0	92.5	2.5		
55899	92.5	95.0	2.5		
55900	95.0	97.5	2.5		
55901	97.5	100.0	2.5		
55902	100.0	102.5	2.5		
55903	102.5	105.0	2.5		
55904	105.0	107.5	2.5		
55905	107.5	110.0	2.5		
55906	110.0	112.5	2.5		
55907	112.5	115.0	2.5		
55908	115.0	117.5	2.5		
55909	117.5	120.0	2.5		
55910	120.0	122.5	2.5		
55911	122.5	125.0	2.5		
55912	125.0	127.5	2.5		
55913	127.5	129.0	1.5		
55914	129.0	132.5	3.5		
55915	132.5	135.0	2.5		
55916	135.0	136.5	1.5		
55917	136.5	137.0	0.5		
55918	137.0	140.0	3.0		
55919	140.0	144.5	4.5		
55920	144.5	147.5	3.0		
55921	147.5	152.5	5.0		

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY	
				ppb	oz
55922	178.5	179.5	1.0		
55923	183.5	185.0	1.5		
55924	185.0	186.0	1.0		
55925	187.5	188.0	0.5		
55926	235.0	236.5	1.5		
55927	243.0	244.0	1.0		
55928	274.5	275.5	1.0		
55929	280.0	283.0	3.0		
55930	299.0	304.0	5.0		
55931	304.0	309.0	5.0		
55932	309.0	312.0	3.0		
55933	312.0	315.0	3.0		
55934	315.0	320.0	5.0		
55935	320.0	325.0	5.0		
55936	325.0	327.0	2.0		
55937	350.5	351.0	0.5		
55938	427.5	430.5	3.0		
55939	439.5	440.0	0.5		
55940	449.5	454.0	4.5		
55941	454.0	459.0	5.0		
55942	459.0	461.0	2.0		
55943	478.0	480.5	2.5		
55944	480.5	482.5	2.0		
55945	482.5	485.0	2.5		
55946	485.0	487.5	2.5		
55947	487.5	490.0	2.5		
55948	490.0	492.5	2.5		
55949	492.5	495.0	2.5		
55950	495.0	497.5	2.5		
55951	497.5	500.0	2.5		
55952	500.0	502.5	2.5		
55953	502.5	505.0	2.5		
55954	505.0	507.5	2.5		
55955	507.5	510.0	2.5		
55956	510.0	512.5	2.5		
55957	512.5	515.0	2.5		
55958	515.0	517.5	2.5		
55959	517.5	520.0	2.5		
55960	520.0	522.5	2.5		
55961	522.5	525.0	2.5		
55962	525.0	527.5	2.5		
55963	527.5	532.5	5.0		
55964	532.5	535.0	2.5		

S 10S 9S 8S 7S 6S 5S 4S N



537ft.

CREE LAKE PROPERTY
DDH CL 87-18
CROSS SECTION
L64E, 6S



DIAMOND DRILL LOG

PROJE ● Cree Lake COST CODE NO.: P1409
 COMPANY: Quinterra Resources Inc. CLAIM NO.: 740088
 HOLE NO: CL-87-19 LOCATION: Line 68E
 17+20S
 AZIMUTH: 180° DIP AT COLLAR: 45°
 (250'/50°, 485'/47°)
 LOGGED BY: Michelle Dubeau DATE: April 87
 DRILLED BY: Longyear Core: BQ

LOG

0 - 8 OVERBURDEN

8 - 485 MAFIC VOLCANIC

- dk-med green, f.g., massive, high % qtz-carb stringer
- at all angles, qtz veins at 45° CA generally. Veins - stringers often reddish (hematized) or rusty (Fe-carb.). Lower % of stringers when large epidote blocks are present
- very minor (tr) sulfides noted throughout unit
- 12.5-14.5 highly hematized & Fe-carb, f.g. minor sulfides, pinkish-brown, brecciated qtz (pinkish-brown)
- broken core @ 13'
- 32.5-47 Fe-carbonate along most fractures mod. chlorite-sericite alteration defines 30-40° CA foliation
- hematite alteration noted in qtz veins, minor sulfides
- broken core @ 41
- 55.5-56.5 highly fractured epidotized & hematized along fractures
- 57 - 2" qtz vein, to py, minor hematite along contacts
- 58-69 mafic volc. lower % qtz stringers than upper, part of unit, large epidote blocks faulted by thin qtz stringers (70-80° CA) hematite alt. around some qtz stringers no sulfides noted.
- 119-120 - 30% qtz-carb. vein 5% chlorite & sericite, qtz slightly hematized
- 145 - 2" qtz-carb vein, 30° CA, brecciated mafic volcanic fragments (15%) qtz-carb slightly hematized, no sulfides noted
- 200 - 1" gauge zone 45°
- 226-228 broken core
- 229 - 1" qtz vein - vuggy - good qtz xtls, minor py
- 250.5-305.5 sulfides noted in qtz-carb stringers-veins & disseminated in volc. up to 3% locally
- 329.5-355.5 - volcanics are moderately hematized throughout, colour-greenish and pink, minor sulfides associated with thin stringers @ all angles
- 370 - 2" brecciated qtz, minor py, 1 speck cpy.
- 375.5-382.5 highly carbonated & chloritized strong foliation 0-15° CA, slightly hematized qtz. high py content (up to 10% in places)
- 389.5-391.5 similar to Section 375.5-382.5
- 395-485 "spotty" mafic volc. dk-green replacement minerals, 1-2mm foliation 45° CA (massive, f.g. in places)
- 418.5 - 1" qtz vein, 45° CA, chlorite; minor py & cpy
- 419-420, large epidote blocks
- 444 - 1/2" qtz-chlorite vein, 45° CA, 4 specks cpy
- 485 - End of hole.

MAY 20 1987

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY	
				ppb	oz
55719	12.5	14.5			
55720	14.5	18.0			
55721	32.5	34.0			
55722	34.0	38.0			
55723	38.0	42.0			
55724	42.0	47.0			
55725	47.0	50.0			
55726	50.0	54.0			
55727	54.0	55.5			
55728	55.5	56.5			
55729	56.5	57.5			
55730	65.0	67.5			
55731	72.0	73.0			
55732	100.0	101.5			
55733	115.0	118.0			
55734	118.0	119.0			
55735	119.0	120.0			
55736	120.0	121.0			
55737	121.0	126.0			
55738	126.0	130.0			
55739	144.5	145.0			
55740	175.0	178.0			
55741	190.0	191.5			
55742	199.5	200.0			
55743	228.0	229.5			
55744	244.5	245.0			
55745	250.5	255.0			
55746	255.0	260.0			
55747	260.0	262.0			
55748	262.0	265.0			
55749	265.0	266.5			
55750	266.5	268.0			
55751	268.0	270.0			
55752	270.0	273.5			
55753	273.5	275.0			
55754	275.0	277.5			
55755	277.5	280.0			
55756	280.0	282.5			
55757	282.5	285.0			
55758	285.0	287.5			
55759	287.0	290.0			
55760	290.0	292.5			
55761	292.5	295.0			
55762	295.0	297.5			
55763	297.5	300.0			
55764	300.0	302.5			
55765	302.5	305.5			
55766	329.5	335.0			
55767	335.0	340.0			
55768	340.0	345.0			
55769	345.0	350.0			
55770	350.0	355.5			

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY	
				ppb	oz
55771	368.5	369.5			
55772	369.5	370.5			
55773	370.5	375.5			
55774	375.5	377.5			
55775	377.5	380.0			
55776	380.0	382.5			
55777	382.5	384.0			
55778	388.0	389.0			
55779	389.0	391.5			
55780	391.5	392.5			
55781	417.5	418.5			
55782	418.5	419.0			
55783	419.0	420.0			
55784	443.5	444.5			
55785	467.0	468.0			

S 22S 21S 20S 19S 18S 17+20S 17S 16S N

OVER BURDEN

GAUGE ZONE

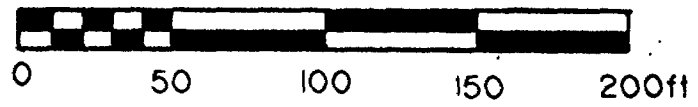
MAFIC VOLCANIC

485'

CREE LAKE PROPERTY

DDH CL 87-19

CROSS SECTION
L 68E, 17+20S



DIAMOND DRILL LOG

PROJECT: Cree Lake COST CODE NO.: P1409
 COMPANY: Quinterra Resources Inc. CLAIM NO.: 799007 *Swayze*
 HOLE NO: CL-87-15 LOCATION: L12W 3+80S
 AZIMUTH: 180° DIP AT COLLAR: 45°(255'/47°),
 475'/42°)
 LOGGED BY: Michelle Dubeau DATE: April 1987
 DRILLED BY: Longyear *B.G. core*

LOG

- 0 - 4 OVERBURDEN
- 4 - 18.5 MAFIC VOLCANIC
 mostly fractured core
 highly carbonated, dk green, med grained
 15% qtz-carb stringers at all angles
 1% sulfides generally diss. throughout but some zones of higher %
 associated with stringers
 15.5 - 16' = 40% py
 16.5 - 17' = 5% py
- 18.5 - 52.5 SHEAR ZONE
 gradational contact
 highly carbonated, throughout
 - 20-23' broken core - chloritized-carbonated
 - minor sulfides
 - 23-24.5 high Fe carbonate giving gossan-like appearance
 strong shearing @ 60-70° CA
 - 24.5-30 qtz-carb zone
 shearing 0-55° CA, distorted
 - high % qtz veining at all angles
 Fe carbonate, up to 2% locally
 - 0-34.5 mafic volcanic
 highly carbonated, 10% stringers 85-90° CA broken core @ 30
 - minor sulfides, up to 1% locally
- 34.5-37.5 qtz-carb-chlorite zone
 - high % qtz veins at all angles
 - strong shearing 85° CA, strongly distorted in places
 - minor sulfides, 37-37.5 10% py with qtz vein
- 37.5-52.5 sheared altered tuff
 - highly carbonated, high % qtz & sericite
 - strong shearing @ 70-80° CA
 - boudinage noted in qtz-carb veins
- 42-42.5 tourmaline xtls (5%) associated with qtz-carb veins, minor sulfides
 - 43.5-44.5 highly brecciated qtz vein 2% py
 - 46-47 highly brecciated qtz vein area 1-2% py
 - 50.5-51 qtz veins, 10% py

52.5 - 91

MAFIC VOLCANIC

- gradational contact
- dk green, fine grained, highly speckled Fe carbonate
- 52.5-54 highly carbonated, shear? strong foliation 45° CA
- 1% py disseminated throughout
- foliation noted in places 60° CA
- qtz veins found at all angles throughout
- 80-91 increase in qtz-carb stringers foliation becoming stronger down hole

91 - 150

SHEARED ZONE

- Gradational contact
- 91 - 125 - Sheared mafic volcanic
 - strongly foliated 60-70° C
 - high % carbonate alteration and stringers
 - @ 118', 2" qtz-carb. vein (minor py)
- 125-147 - Gradational contact
 - sheared altered tuff similar to unit 37.5-52.5
 - shearing @ 60° CA
 - @ 130.5-131 qtz-carb vein (vuggy) minor sulfides
 - @ 131-132 brecciated qtz-carb veins in tuffs heavy sulfides in tuffs (5%)
 - @ 132-132.5 qtz-carb vein (2% py)
 - @ 132.5-147 interlayering of sheared mafic volc & tuffs thin fuchsite layers noted
- 147-150 altered tuff
 - buff-yellow
 - good foliation 60° CA
 - thin ribbons of fuchsite
 - minor sulfides

150 - 175.5

CHEMICAL SEDIMENT

- Gradational Contact
 - massive, lt grey, v.f.g.
 - 5% v.f.g. mafic minerals (non-magnetic)
 - minor qtz veins at all angles
 - thin chlorite stringers (minor) at all angles
 - minor sulfides disseminated
- 163-175.5
 - highly altered, wispy stringers of chlorite, sericite, fuchsite define foliation @ 35-80° CA
 - highly carbonated, 15% qtz veins
 - @ 166', 3" barren qtz vein
 - @ 168', 3" barren qtz vein
 - @ 172-173.5 brecciated matrix: chlorite, sericite, fuchsite & minor sulfides

175.5 - 206

SERICITE-CHLORITE, CARBONATE SCHIST

- Gradational contact
 - Interlayering of sericite rich beds and chlorite-rich beds
 - whole unit is high carbonated and strong schistosity @ 60-70° CA
 - qtz veins at all angles mostly concentrated in the chlorite rich beds as opposed to the sericite-rich beds
 - minor sulfides throughout

206 - 244

MAFIC TUFFS

Gradational contact

- 40% qtz-carb veins at all angles
- minor sulfides
- foliation 60° CA, highly distorted in places

235.5 - 239

increase in Fe-carb, strong schistosity @ 45° CA239 - 243 highly sericitic and carbonatized wispy ribbons of fuchsite
10% qtz veins, minor sulfides

243-244 qtz vein, carb-chlorite-fuchsite stringers

244 - 276.5

CHERT-SULFIDES-QTZ-CARBONATE (MINERALIZED ZONE)

Gradational contact

Brecciated black chert & qtz fractures in-filled with pyrite (massive & cubic)

- massive pyrite beds up to 5" thick
 - @ 258-260, 1% Aspy, silver-blue metallic mineral, non-magnetic, fine grained to med. grained cubic xtl. (harder than galena & molybdenite)
 - found in f.g. stringers or as cubic xtls associated with pyrite
- 246 - 249 75% massive & cubic pyrite
- 249-251 - qtz vein minor sulfides, chlorite, fuchsite & carbonate
- 253.5-256.5, mafic tuff, highly carbonatized foliation = 60° CA (highly distorted in placed)

276.5 - 288

MAFIC TUFFS

Gradational contact

- highly carbonatized & altered 1st few feet
- lapilli tuffs interbedded with v.f.g. tuffs, bedding @ 45° CA
- fragments = felsic lapilli (up to 1")
 - some fragments are remnants of mineralized zone (with py)
- matrix mafic, pyrite-rich areas up to 5% locally-diss or in stringers
- some beds are agglomeritic, fining down hole, therefore tops are to south

288 - 294.5

MAFIC INTRUSIVE

Sharp upper contact @ 45° CA

- 1" f.g. upper contact
- med. grain, med-dk green
- dk green needles define foliation @ 60° CA
- minor sulfides diss.
- 2% qtz veins parallel to foliation

- 294.5 - 412.5 MAFIC TUFFS (LAPILLI)
Sharp contact @ 30° CA
- the unit is mostly mafic tuffs (lapilli to agglomeritic)
- some interlayering of buff colored tuffs & mafic tuffs found throughout. The buff colored tuffs are carb-sericite rich, minor py
- 308-309 buff colored tuff - carbonate & silica rich - minor chlorite
- qtz stringers define a moderate foliation @ 45° CA
- 320-322 coarse grained tuff, high carbonate content
- 323-323.5 5% py
- 324-327.5 brecciated & highly distorted (folded) beds, minor sulfides sericite & carbonate enriched
- 401-405 beds highly distorted, faulted, folded
20% pink qtz-carb veins, minor sulfides assoc.
- 412.5 - 420 FELSIC DYKE
Fine Grained Contact
- massive, fine-med grained, buff, feld phenocrysts near contacts - minor qtz veins & chlorite stringers, minor sulfides
417.5-418.5 carb (sericite), buff tuff
- 420 - 429.5 MAFIC TUFFS
Sharp contact 45° CA
- interlayering of mafic lapilli tuffs & thin carb-sericite buff colored beds similar to 294.5-412.5
- 429.5 - 432 FELSIC DYKE
Sharp contact 40° CA
- med. grained, grey-pink
- similar to dyke above but more chloritic weak foliation at 60° CA
1-2% v.f.g. py
- 432 - 475 MAFIC TUFFS
Sharp contact 80° CA
- similar to 294.5-412.5
- 422-432.5 pink brecciated qtz vein minor sulfides
- agglomeritic tuff, near top of unit, fining downwards (felsic fragments)
tops are to north
- 475 END OF HOLE

CORE SAMPLES

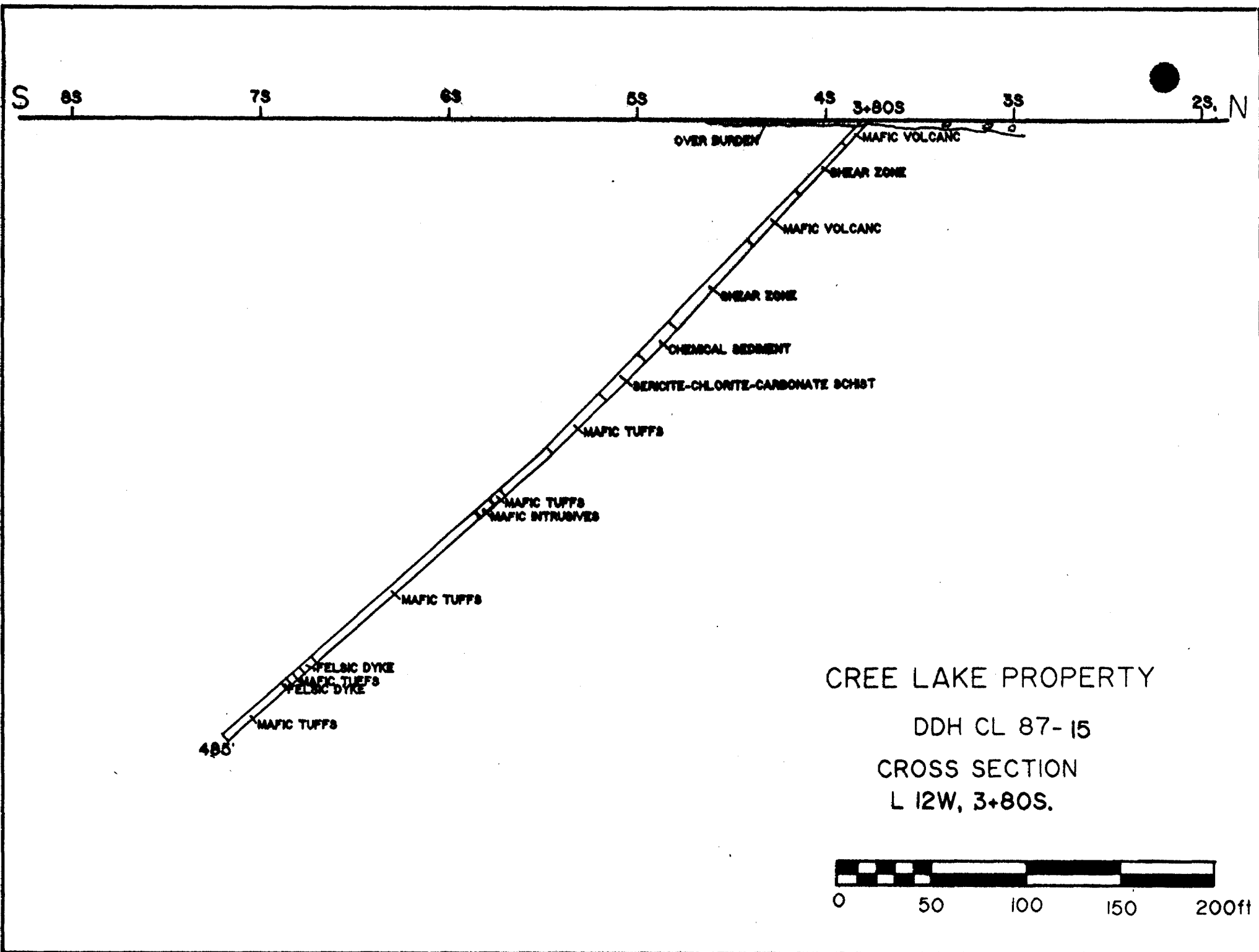
SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY	
				ppb	oz
55571	4.0	6.0			
55572	6.0	8.0			
55573	8.0	10.0			
55574	10.0	12.0			
55575	12.0	14.0			
55576	14.0	15.5			
55577	15.5	16.0			
55578	16.0	16.5			
55579	16.5	17.5			
55580	17.5	18.5			
55581	18.5	19.0			
55582	19.0	23.0			
55583	23.0	24.5			
55584	24.5	27.0			
55585	27.0	28.5			
55586	28.5	30.0			
55587	30.0	32.0			
55588	32.0	34.5			
55589	34.5	37.0			
55590	37.0	37.5			
55591	37.5	40.0			
55592	40.0	42.0			
55593	42.0	42.5			
55594	42.5	43.5			
55595	43.5	44.5			
55596	44.5	46.0			
55597	46.0	47.0			
55598	47.0	50.0			
55599	50.0	51.5			
55600	51.5	52.5			
55601	52.5	54.0			
55602	54.0	57.0			
55603	78.0	79.0			
55604	79.0	82.0			
55605	82.0	85.0			
55606	85.0	88.0			
55607	88.0	91.0			
55608	91.0	94.0			
55609	94.0	97.0			
55610	97.0	100.0			
55611	100.0	103.0			
55612	103.0	106.0			
55613	106.0	107.0			
55614	107.0	108.0			
55615	108.0	109.0			
55616	109.0	112.0			
55617	112.0	115.0			
55618	115.0	118.0			
55619	118.0	118.5			
55620	118.5	120.0			
55621	120.0	123.0			
55622	123.0	125.0			
55623	125.0	126.0			
55624	126.0	128.5			

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY	
				ppb	oz
55625	128.5	130.5			
55626	130.5	131.0			
55627	131.0	132.0			
55628	132.0	135.0			
55629	135.0	137.0			
55630	137.0	140.0			
55631	140.0	142.0			
55632	142.0	145.0			
55633	145.0	147.0			
55634	147.0	150.0			
55635	150.0	152.5			
55636	152.5	155.0			
55637	155.0	157.5			
55638	157.5	160.0			
55639	160.0	161.5			
55640	161.5	163.5			
55641	163.5	166.0			
55642	166.0	167.5			
55643	167.5	170.0			
55644	170.0	172.0			
55645	172.0	173.5			
55646	173.5	175.5			
55647	175.5	180.5			
55648	180.5	185.5			
55649	185.5	190.0			
55650	190.0	195.0			
55651	195.0	200.0			
55652	200.0	205.0			
55653	205.0	206.0			
55654	206.0	211.0			
55655	211.0	216.0			
55656	216.0	221.0			
55657	221.0	226.0			
55658	226.0	231.0			
55659	231.0	234.5			
55660	234.5	235.5			
55661	235.5	240.5			
55662	240.5	243.0			
55663	243.0	244.0			
55664	244.0	246.0			
55665	246.0	249.0			
55666	249.0	252.0			
55667	252.0	253.5			
55668	253.5	256.5			
55669	256.5	258.0			
55670	258.0	260.0			
55671	260.0	262.5			
55672	262.5	265.0			
55673	265.0	267.5			
55674	267.5	270.0			
55675	270.0	272.5			
55676	272.5	275.0			
55677	275.0	280.0			

CORE SAMPLES

SAMPLE NUMBER	FROM	TO	SAMPLE LENGTH	ASSAY	
				ppb	oz
55678	276.5	280.0			
55679	280.0	285.0			
55680	285.0	288.0			
55681	288.0	294.5			
55682	294.5	300.0			
55683	300.0	305.0			
55684	305.0	308.0			
55685	308.0	309.0			
55686	309.0	315.0			
55687	315.0	317.5			
55688	317.5	320.0			
55689	320.0	322.0			
55690	322.0	325.0			
55691	325.0	327.5			
55692	327.5	330.0			
55693	330.0	335.0			
55694	335.0	340.0			
55695	340.0	345.0			
55696	345.0	350.0			
55697	350.0	355.0			
55698	355.0	360.0			
55699	360.0	365.0			
55700	365.0	370.0			
55701	370.0	375.0			
55702	375.0	380.0			
55703	380.0	385.0			
55704	385.0	390.0			
55705	390.0	395.0			
55706	395.0	400.0			
55707	400.0	405.0			
55708	405.0	410.0			
55709	410.0	412.5			
55710	412.5	417.5			
55711	417.5	420.0			
55712	420.0	425.0			
55713	425.0	429.5			
55714	429.5	432.0			
55715	432.0	435.0			
55716	435.0	440.0			
55717	440.0	445.0			
55718	445.0	448.0			



CREE LAKE PROPERTY

DDH CL 87-15

CROSS SECTION

L 12W, 3+80S.





Ministry of
Natural
Resources

Report
of Work

#122/87
Cree Lake



41015SE0052 22 SWAYZE

The Mini

900

Name and Postal Address of Recorded Holder	Prospector's Licence No.
Quinterra Resources Inc, 1275 Main Street West, North Bay, Ontario P1B 2W7	T-1312

Summary of Work Performance and Distribution of Credits

Total Work Days Cr. claimed 2962 2615	Mining Claim			Mining Claim			Mining Claim		
	Prefix	Number	Work Days Cr.	Prefix	Number	Work Days Cr.	Prefix	Number	Work Days Cr.
for Performance of the following work. (Check one only) <input type="checkbox"/> Manual Work <input type="checkbox"/> Shaft Sinking Drifting or other Lateral Work. <input type="checkbox"/> Compressed Air, other Power driven or mechanical equip. <input type="checkbox"/> Power Stripping <input checked="" type="checkbox"/> Diamond or other Core drilling <input type="checkbox"/> Land Survey	P	740046	31	P	740059	56	P	740071	23
		740047	23		740060	23		740072	23
		740050	31		740061	23		740073	31
		740051	31		740064	31		740074	23
		740052	31		740065	31		740075	23
		740053	31		740066	31		740076	23
		740057	23		740067	31		740077	23
		740058	31		740070	23		740078	31

All the work was performed on Mining Claim(s): 740060, 740071, 740077, 740080, 740087, 740088

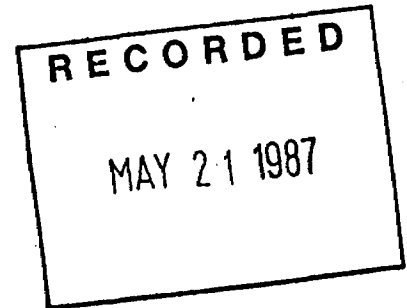
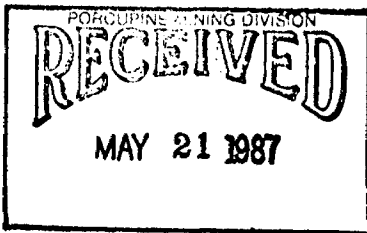
Required Information eg: type of equipment, Names, Addresses, etc. (See Table Below)

Remaining days = 347

Longyear Canada Incorporated
1111 Main Street W
North Bay, Ontario

Diamond Drilling B.Q. Core

March 16, 1987 to April 3, 1987



Date of Report	Recorded Holder or Agent (Signature)
May 20, 1987	Michelle Dubois

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying	Date Certified	Certified by (Signature)
Quinterra Resources Inc 1275 Main Street W, North Bay, Ont	May 20, 1987	Michelle Dubois

Table of Information/Attachments Required by the Mining Recorder

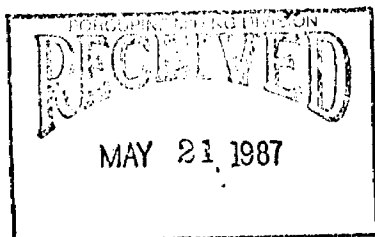
Type of Work	Specific information per type	Other information (Common to 2 or more types)	Attachments
Manual Work	Nil	Names and addresses of men who performed manual work/operated equipment, together with dates and hours of employment.	Work Sketch: these are required to show the location and extent of work in relation to the nearest claim post.
Shaft Sinking, Drifting or other Lateral Work			
Compressed air, other power driven or mechanical equip.			
Power Stripping	Type of equipment	Names and addresses of owner or operator together with dates when drilling/stripping done.	Work Sketch (as above) in duplicate
	Type of equipment and amount expended. Note: Proof of actual cost must be submitted within 30 days of recording.		
Diamond or other core drilling	Signed core log showing; footage, diameter of core, number and angles of holes.		
Land Survey	Name and address of Ontario land surveyor.	Nil	Nil

CREE LAKE PROPERTY (CONT'D)

CLAIM NO.	NO. DAYS	CLAIM NO.	NO. DA
P 740079	31	P 779962	31
P 740080	23	P 779963	31
P 740081	23	P 779964	31
P 740082	23	P 779965	31
P 740083	23	P 779966	23
P 740084	31	P 779967	23
P 740085	31	P 779968	23
P 740086	23	P 779969	22
P 740087	23	P 779970	31
P 740088	23	P 779971	31
P 740089	23	P 779972	22
P 740090	31	P 779973	22
P 740091	31	P 779974	22
P 740092	31	P 779975	22
P 740093	31	P 779976	31
P 740094	31	P 779977	31
P 740095	31	P 779978	22
P 740064	31	P 779979	22
P 740065	31	P 779980	31
P 740066	31	P 779981	55
P 740067	31	P 779982	22
P 740070	23	P 779983	22
P 740071	23	P 779984	31
P 740072	23	P 779985	31
P 740073	31	P 779986	22
P 740074	23	P 779987	22
P 740075	23	P 779988	55
P 740076	23	P 779989	31
P 740077	23	P 779990	31
P 740078	31	P 799001	31
P 740097	31	P 799002	31
P 740098	31	P 799003	31
P 740099	31	P 799004	31
P 740100	31	P 799006	45
P 779956	31	P 799007	22
P 779957	31	P 799008	22
P 779958	31	P 799009	31
P 779959	31	P 799010	31
P 779960	31	P 799011	31
P 779961	31	P 799012	31

#'s
repeated

TOTAL 2962

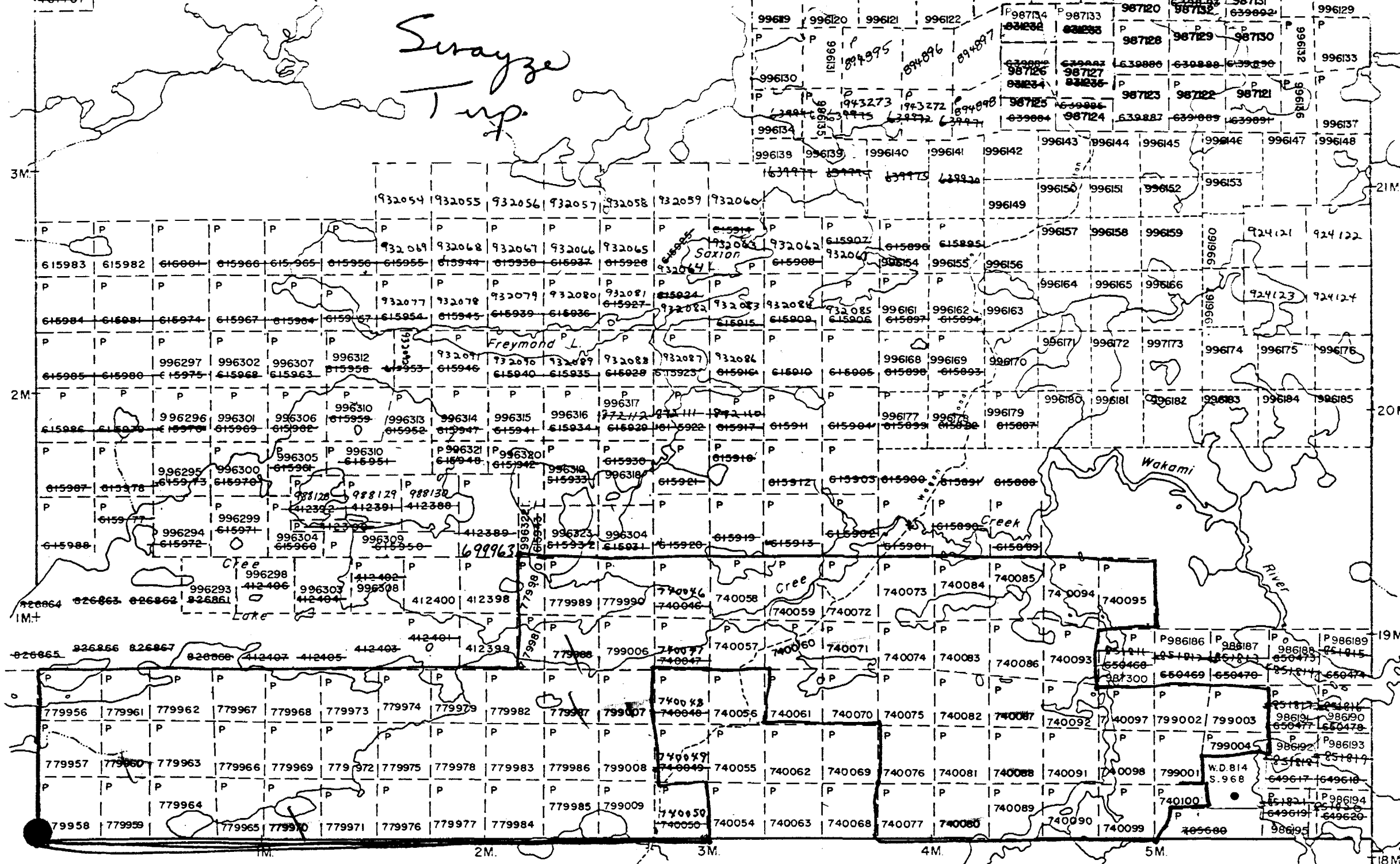


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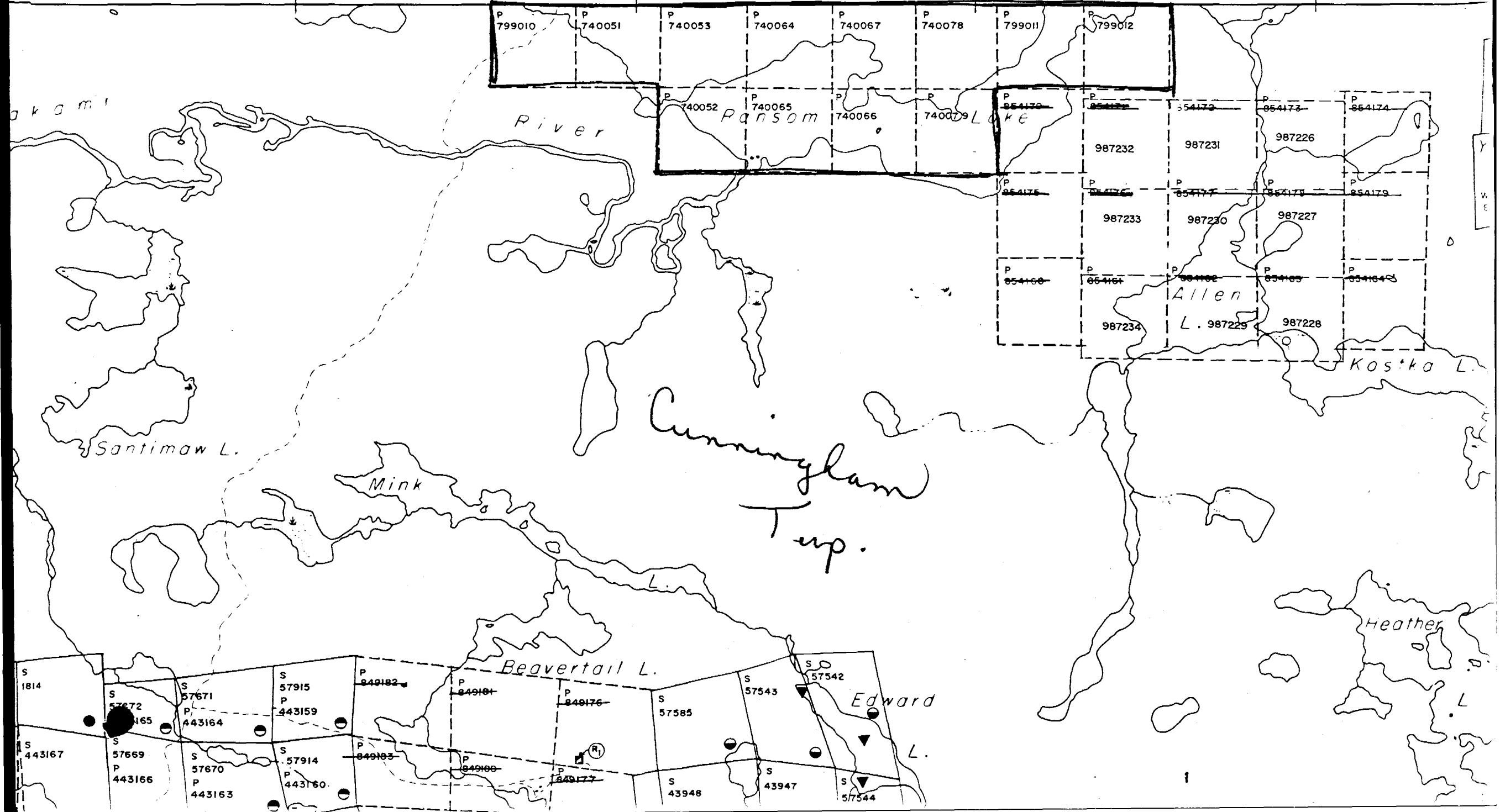
Swayze Twp.

Cunningham Twp.



SWAYZE TWP.

2M 3M 4M 5M



P 799010 P 740051 P 740053 P 740064 P 740067 P 740078 P 799011 P 799012

P 740052 P 740065 P 740066 P 740079 P 854170 P 854171 P 854172 P 854173 P 854174

987232 987231 987226
987233 987230 987227

P 854175 P 854176 P 854177 P 854178 P 854179
987234 L. 987229 987228

Cunningham Twp.

Beaver Tail L.

Edward L.

Heather L.

S 1814 S 57672 P 443165 S 57671 P 443164 S 57915 P 443159 P 849182 P 849181 P 849176 S 57543 S 57542 S 57585 S 57914 P 443160 P 849183 P 849180 P 849177 S 43948 S 43947 S 57544