DIAMOND DRILLING REPORT

ON THE

ECHO PROPERTY

Cowichan Lake Area
Victoria Mining Division
British Columbia

NTS: 92C/16E
48 47' North 124 11' West

OWNERS: P. AND J. GALLANT

OPERATOR: CONSOLIDATED RAMROD GOLD CORPORATION

AUTHOR: N.C. CARTER, PH.D. P.ENG.

DATE: SEPTEMBER 3,1993

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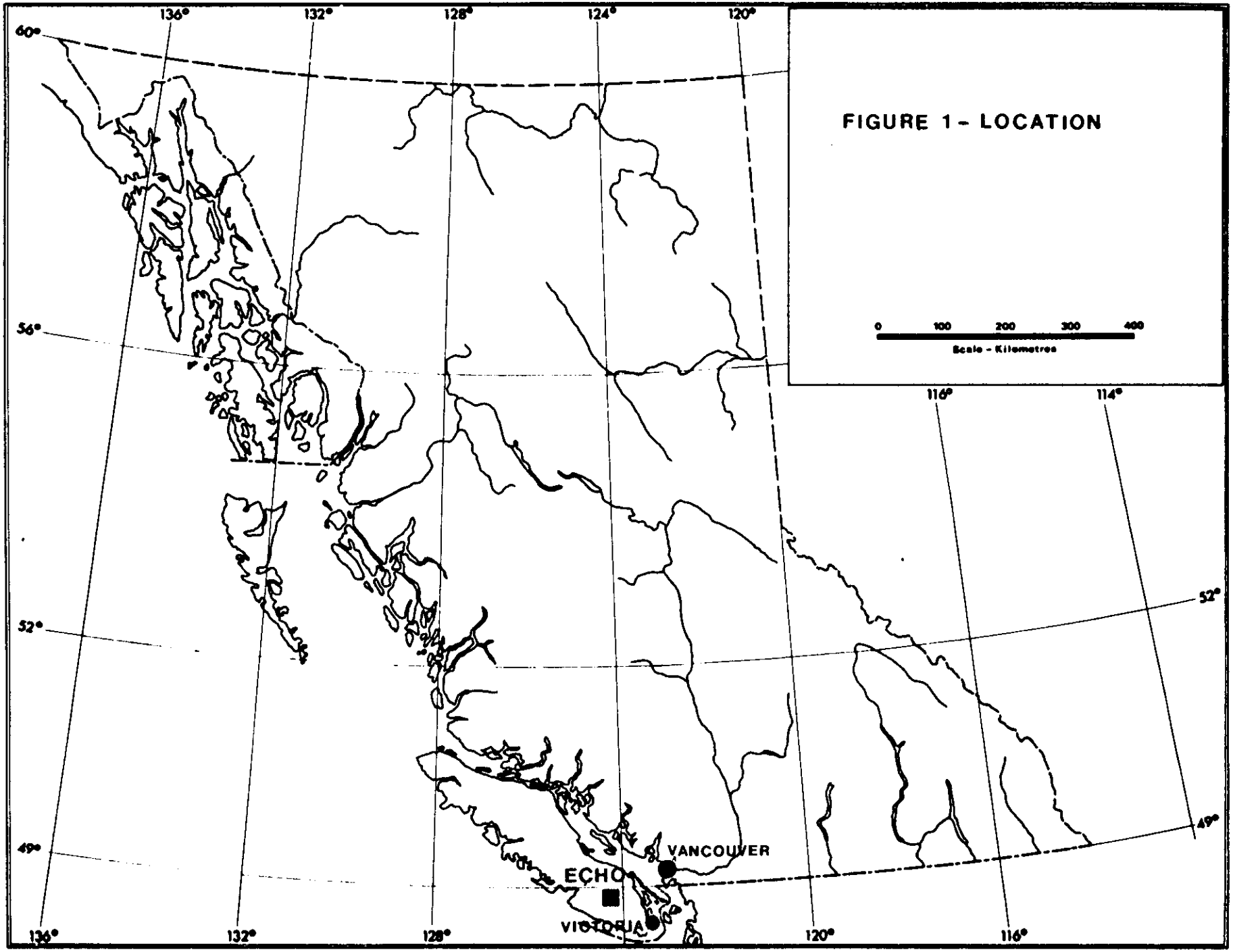

136°
132°
128°
124°
120°
116°
114°
60°
56°
52°
49°
FIGURE 1 - LOCATION
0
100
200
300
400
Scale - Kilometres
VANCOUVER
ECHO
VICTORIA

INTRODUCTION

Location and Access

The ECHO property, south of Cowichan Lake, is situated 70 km northwest of Victoria on Vancouver Island (Figure 1). The geographic centre of the property is at latitude 48 47' North and longitude 124 11' West in NTS map-area 92C/16E.

The property is readily accessible by way of secondary logging roads which extend up Nineteen Creek from Mesachie Lake (Figure 2). The area of 1993 diamond drilling is 9.5 km by road from Mesachie Lake on the south shore of Cowichan Lake which is 32 km west of Duncan.

Mineral Property

Assessment work credits related to the diamond drilling program which is the subject of this report are being applied to nine mineral claims which are central to a larger claim block located in the Victoria Mining Division. The claims are shown on Figure 3 and details are as follows:

Claim Name	Units	Record Number	Date of Record
ECHO 1	1	260703	June 13,1984
ECHO 2	1	260704	"
ECHO 3	1	260705	"
ECHO 4	1	260706	"
ECHO 5	1	261411	June 11,1989
ECHO 6	1	261412	"
ECHO 7	1	261413	"
ECHO 8	1	261414	"
ECHO 9	20	261415	"

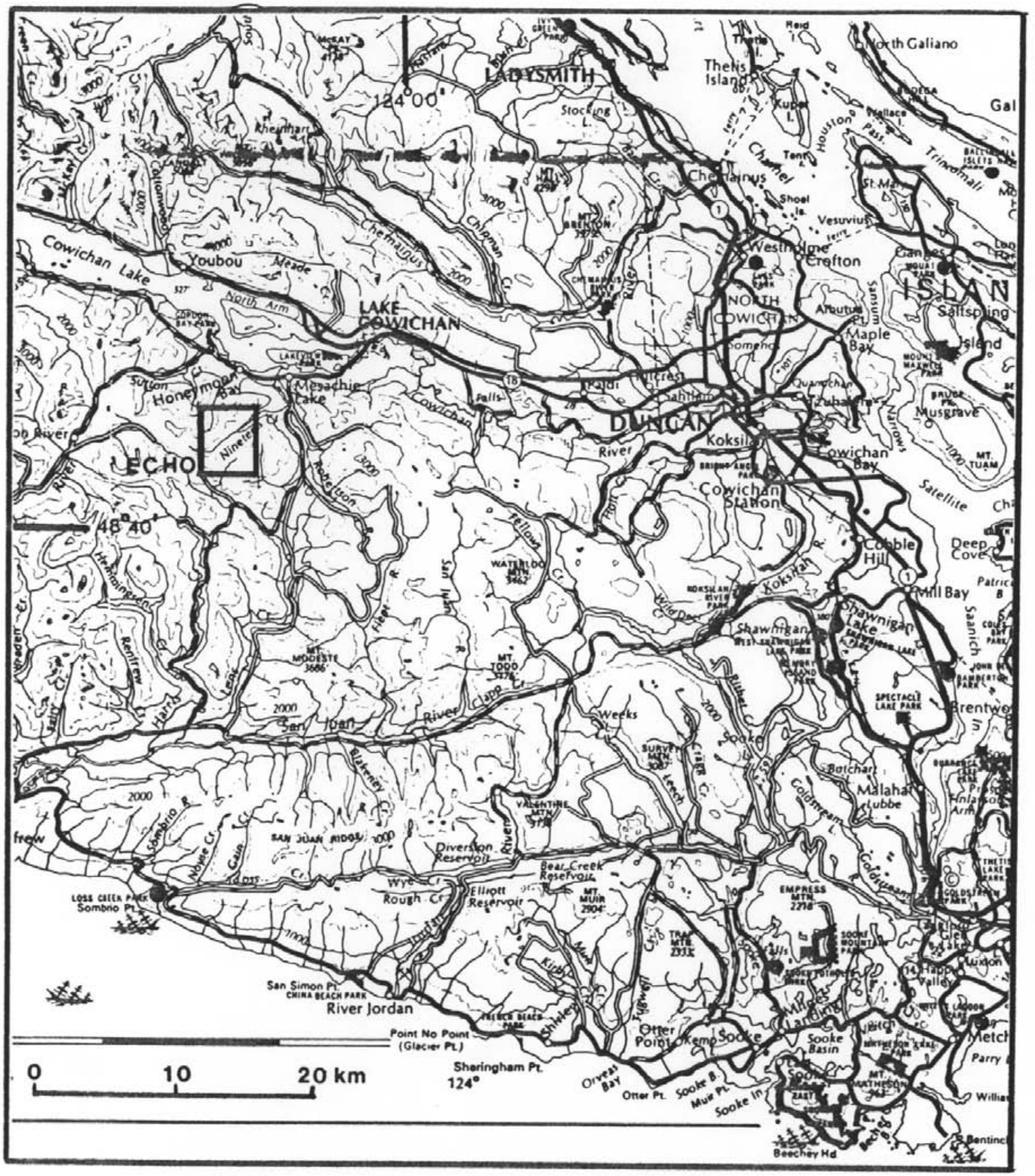


FIGURE 2 - LOCATION - ECHO PROPERTY

History

Principal gold-copper showings at 620 metres elevation north of Nineteen Creek were discovered by prospector Wally Deans following logging road construction in 1957. After the return of mineral rights to the Province by E & N Railway in the 1970's, some Winkie drilling and prospecting was carried out in the area of the principal showings.

The claims comprising the present property were located by the Gallants in the mid-1980's and a prospecting and sampling program was conducted by Orbex Industries Ltd. in 1986. Noranda Exploration Company, Limited carried out a limited rock sampling program in 1990.

Present Status

The property owners negotiated an option agreement with Consolidated Ramrod Gold Corporation (formerly Kokanee Explorations Ltd.) in 1992. In addition to a diamond drilling program which is the subject of this report, this company completed a soil geochemical survey over five grids established on claims peripheral to the main showings area in late 1992 (Meeks,1993) prior to returning the property to the owners.

This report deals with a four hole, 293.6 metres diamond drilling program completed in the area of the principal

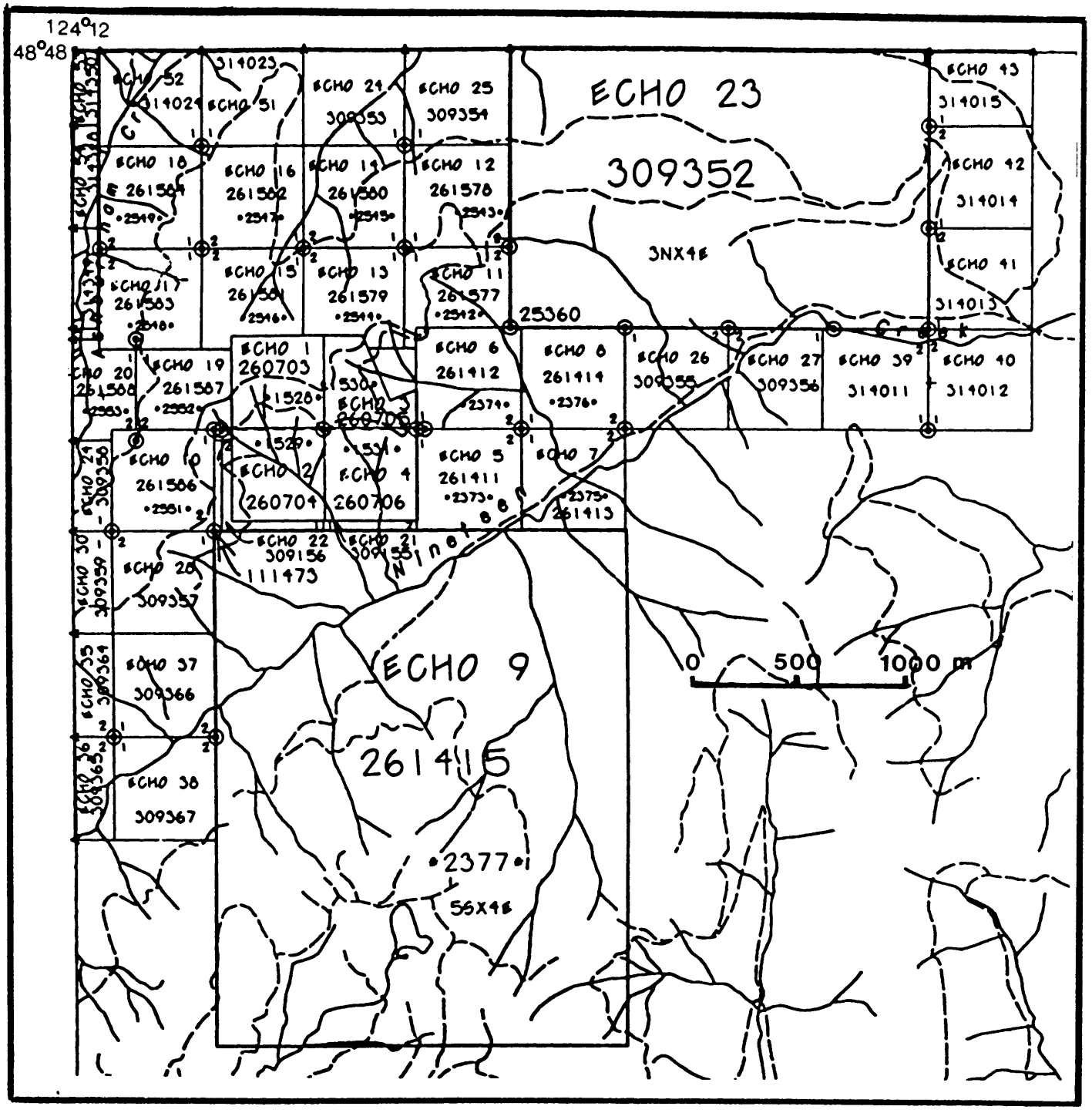


FIGURE 3- ECHO MINERAL CLAIMS

showings by Consolidated Ramrod Gold Corporation in July of 1993. Drill logs, analytical results and a statement of expenditures were provided by the Company but no report on this program was completed. This report, submitted in support of assessment work credits and prepared at the request of the property owners, incorporates the data provided by Consolidated Ramrod Gold Corporation.

GEOLOGY AND MINERALIZATION

Physical Setting

The principal showing on the ECHO property is at an elevation of 620 metres on a fairly steep south-facing slope above Nineteen Creek (Figure 2). Forest cover is second growth which has been thinned locally; elsewhere, dense undergrowth is prevalent.

Geological Setting

The ECHO property is underlain by Lower Jurassic Bonanza Group felsic to intermediate fragmental volcanic rocks and lesser intravolcanic sedimentary units. The sequence is locally cut by felsic intrusive rocks of similar age.

The principal mineral showing is exposed in a roadcut on the ECHO 1 claim. Andesitic crystal tuffs are variably

sheared and brecciated within a 19 metre wide zone which trends north-northeast and dips steeply east. Chalcopyrite and bornite, mainly oxidized to malachite, azurite and chalcocite, occur on fractures and are commonly accompanied by free gold.

Better gold grades are contained within the westernmost 5 or 6 metres of the exposed zone. Surface sampling by the writer in early 1992 yielded weighted average grades of 27.22 g/t and 9.63 g/t over widths of 6 and 5.1 metres respectively.

DIAMOND DRILLING PROGRAM

Nature of Program

One vertical and three inclined diamond drill holes, totalling 293.6 metres, were drilled in the area of the principal mineral showing between July 27 and 29,1992. NQ-size drill cores are stored at the home of the property owners at 4368 Bruce Road, RR#3, Ladysmith, B.C.

Drill core was logged by D.L. Pighen of Consolidated Ramrod Gold Corporation; drill logs are included as Appendix II and complete analytical results as Appendix III. Drill hole locations are shown on Figure 4.

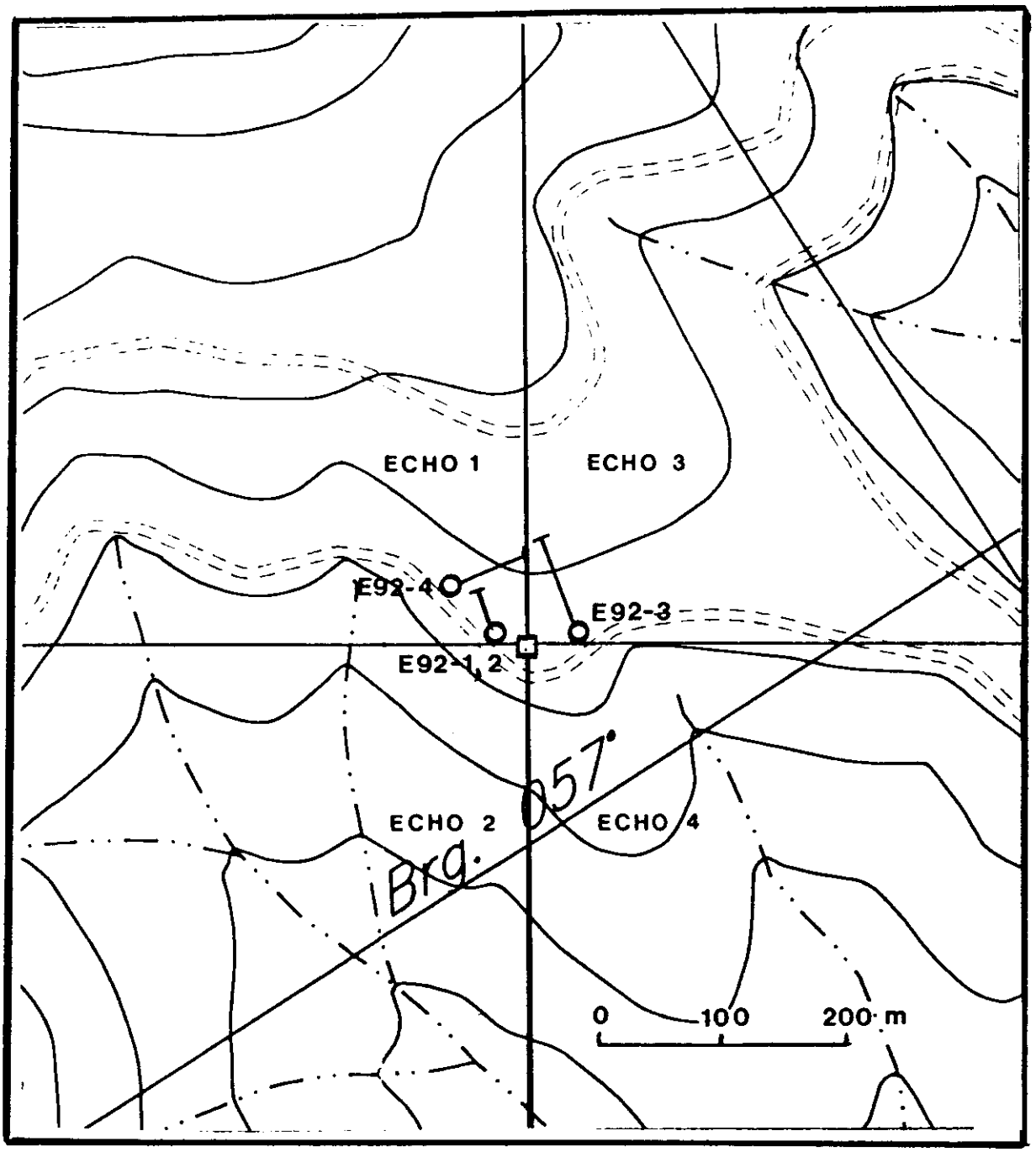


FIGURE 4- DIAMOND DRILL HOLE LOCATIONS

Program Results

Detailed sampling of drill cores (161 samples) yielded low gold, copper and silver values. In the writer's opinion, a partial explanation for this may be due to the fact that holes E92-1 and -4 were drilled oblique to the north-northeast trend of the zone; vertical hole E92-3 was too far away to intersect the zone and hole E92-4 was not drilled deep enough.

CONCLUSIONS AND RECOMMENDATIONS

Detailed structural mapping in the area of the principal mineral showing is recommended to determine controls of mineralization prior to any further drilling.

COST STATEMENT

(Note - the following is based mainly on a Statement of Expenditures provided by Consolidated Ramrod Gold Corporation which is included as Appendix I. Work was carried out between July 15 and 31,1992).

Wages	
D.L. Pighen - 12 days @ $200/day	$2,400.00
B. Collison - 10 days @ $125/day	$1,250.00
Analytical Costs	
Core samples - 30 element ICP + fire assays	$4,350.57
Accomodation, Meals	
July 15 - 31	$1,205.53
Transportation	
Vehicle rental - 12 days @ $100/day	$1,200.00
Airfare - Cranbrook - Vancouver Island	$578.00
Diamond Drilling	
293.6 metres @ $64.47/metre	$18,927.80
Water truck - 53.5 hours @ $50/hour	$2,675.00
Report Preparation	
N.C. Carter - 1.5 days @ $500/day	$750.00
Word processing, duplicating	$50.00
Total Expenditures	**$33,386.90**

REFERENCES

Ashton, A.S.(1982): Report on Ash Claim, Cowichan Lake, Victoria Mining Division, B.C., BCMEMPR Assessment Report 10331

Carter, N.C. (1992): Property examination notes; private report.

Fox, P.E.(1986): Prospecting Report, ECHO 1-4 Claims, Cowichan Lake Area, Vancouver Island, B.C., BCMEMPR Assessment Report 14996

Meeks, David P.(1993): Assessment Report on Grid Soil Geochemistry, ECHO Claims, Victoria Mining Division, Cowicahn Lake Area, Vancouver Island, BCMEMPR Assessment Report

AUTHOR'S QUALIFICATIONS

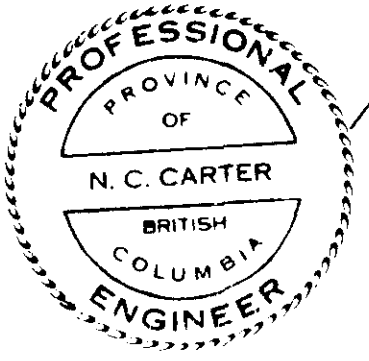
I, NICHOLAS C. CARTER, of 1410 Wende Road, Victoria, British Columbia, do hereby certify that:

1. I am a Consulting Geologist, registered with the Association of Professional Engineers of British Columbia since 1966.

2. I am a graduate of the University of New Brunswick with B.Sc.(1960), Michigan Technological University with M.S.(1962) and the University of British Columbia with Ph.D.(1974).

3. I have practised my profession in eastern and western Canada and in parts of the United States for more than 25 years.

4. The foregoing report is based on information provided by Consolidated Ramrod Gold Corporation and on several examinations of the ECHO property by the writer in early 1992.



N.C. Carter, Ph.D. P.Eng.

Victoria, B.C.
September 3,1993

APPENDIX I

STATEMENT OF EXPENDITURES

ECHO PROPERTY

CONSOLIDATED RAMROD GOLD CORPORATION

STATEMENT OF EXPENDITURES
DIAMOND DRILL PROGRAM
(HOLES E92-1 TO E92-4)

Work performed from July 15, 1992 to July 31, 1992.

Salaries:	
D.L. Pighin - Geologist - 12 days @ $200/day	$ 2,400.00
B. Collison - Labourer - 10 days @ $125/day	$ 1,250.00
Equipment Rental:	
Truck to haul water to drillsite Drillwell Enterprises Ltd, Cowichan Bay, B.C. 53.5 hours @ $50.00/hour	$ 2,675.00
Assays:	
Acme Analytical Laboratories Ltd. (invoices 92-2202 + 92-2222) 852 East Hastings Street Vancouver, B.C. V6A 1R6 130 core samples (30 element ICP & Fire)	$ 4,350.57
Domicile:	
Meals	$ 398.66
Lodging (Fuller Lake Motel)	$ 806.87
Transportation:	
1 - 4x4 truck - 12 days @ $100/day	$ 1,200.00
Airfare - Vancouver Island to Cranbrook, B.C., return	$ 578.00
Drilling Contractor:	
LeClerc Drilling Ltd. Box 94 Beaverdell, B.C. V0H 1A0 4 holes totalling 963 feet(293.6 m)	$18,927.80
TOTAL	$32,586.90

APPENDIX II

DIAMOND DRILL LOGS

KOKANEE EXPLORATIONS LTD.

DRILL HOLE RECORD

Page No. 1 Horz. 34.64

Name of Property: ECHO Corr. Dip: -45° Remarks: Vert. 34.64

Hole No.: E92-1 Length: 49.0 m

Location: ECHO 1 CLAIM Start Date: 07/25/92 Finish Date: 07/26/92

Elevation: Azimuth: 339° Collar Dip:

Core Size: NQ Tests at: Logged by: D.Pighin Date: 07/26-27/92

METERAGE From	To	DESCRIPTION	Sample No.	From	To	Au oz/t	Ag oz/t	Pb %	Zn %	Cu ppm
0.0	1.52	CASING								
1.52	3.3	TUFF: Fine grained, crackle brecciated, healed by gouge and soft gritty white feldspar?	1801	1.50-2.50 m		0.003	0.03	-	-	-
			1802	2.50-3.30 m		0.002	0.02	-	-	-
3.3	7.3	CONTACT MINERALIZED STRUCTURE: At 3.3m. Cuts core at 55°. Seems to be the principle copper-gold bearing fracture.	1803	3.30-4.30 m		0.001	0.02	-	-	-
			1804	4.30-5.30 m		0.001	0.01	-	-	-
			1805	5.30-6.30 m		0.001	0.02	-	-	-
		Tuff; green, fine grained, massive, weakly hematitized through-out. Strongly calcareous, weakly crackle brecciated, healed by calcite and red iron ochre. Chalcopyrite and copper carbonates occur mainly in thin fractures which cut core at 60°. Chloritization, along 60° to core fractures. Samples: 1.5-2.5, 2.5-3.3, 3.3-4.3, 4.3-5.3, 5.3-6.3. (Box 1).								

KOKANEE EXPLORATIONS LTD.
DRILL HOLE RECORD

Property: ECHO Hole No.: E92-1 Location: ECHO 1 CLAIM

METERAGE From	To	DESCRIPTION	Sample No.	From	To	Au oz/t	Ag oz/t	Pb %	Zn %	Cu ppm
7.3	13.6	CRYSTAL TUFF: Dark, reddish grey, massive, medium grained, weakly crackle brecciated. Healed by calcite and iron ochre. Rare speck of bornite, strongly calcareous, strongly hematitized. Sampled: 6.3-7.3, 7.3-8.3, 8.3-9.3, 9.3-10.3, 10.3-11.3 (Box 2)	1806	6.30	7.30 m	0.001	0.01	-	-	-
			1807	7.30	8.30 m	0.001	0.01	-	-	-
			1808	8.30	9.30 m	0.001	0.01	-	-	-
			1809	9.30	10.30 m	0.001	0.01	-	-	-
			1810	10.30	11.30 m	0.001	0.01	-	-	-
13.6	14.6	TUFF: Light green, finely crackle brecciated, healed by calcite, copper carbonate. Some chalcopyrite and bornite, iron and ochre.								
14.6	16.6	TUFF: Green, fine grained. Weakly brecciated, limy. Some iron ochre and limonite.								
16.6	18.3	Strongly sheared and brecciated, some gouge on fractures. Samples: 11.3-12.3, 12.3-13.3, 13.3-13.6, 13.6-14.6; footwall of mineralized structure, strongly chloritic, shears cut core at 45°. 14.6-15.6, 15.6-16.6.	1811	11.30	12.30 m	0.001	0.01	-	-	-
			1812	12.30	13.30 m	0.001	0.01	-	-	-
			1813	13.30	13.60 m	0.001	0.02	-	-	-
			1814	13.60	14.60 m	0.004	0.10	-	-	-
			1815	14.60	15.60 m	0.001	0.01	-	-	-
			1816	15.60	16.60 m	0.001	0.01	-	-	-
			1817	16.60	17.60 m	0.001	0.01	-	-	-

KOKANEE EXPLORATIONS LTD.

DRILL HOLE RECORD

Property: ECHO Hole No.: E92-1 Location: ECHO 1 CLAIM

METERAGE From	To	DESCRIPTION	Sample No.	From	To	Au oz/t	Ag oz/t	Pb %	Zn %	Cu ppm
18.3	37.5	TUFF: Reddish grey, with green patches, crackle brecciated, strongly calcareous, breccia healed by calcite and rare iron ochre. Tuff is generally hematitic, chlorite common on fracture planes. Some patches of epidote, as with thin quartz filled fractures. 27.4-28.3m rare patches of bornite. At 26.0m calcite-chlorite, minor quartz shear cuts core at 60°. 17.6-18.6m 18.6-19.6m at 18.3m shearing and brecciation cuts core at 7°. 19.6-20.6m; fault zone starts 16.6-19.6m. 20.6-21.6m 21.6-22.6m 22.6-23.6m At 28.9m abundant iron-ochre in fractures and disseminated in tuff. Thin calcite-epidote veins cut core at 30° and 60°. Rare thin breccia zones healed by calcite and epidote. Iron ochre continues to 37.5m. 23.6-24.6m, 24.6-25.6m, 25.6-26.6m, 26.6-27.6m.	1818	17.60	18.60 m	0.001	0.01	-	-	-
			1819	18.60	19.60 m	0.001	0.01	-	-	-
			1820	19.60	20.60 m	0.001	0.01	-	-	-
			1821	20.60	21.60 m	0.001	0.01	-	-	-
			1822	21.60	22.60 m	0.001	0.01	-	-	-
			1823	22.60	23.60 m	0.001	0.01	-	-	-
			1824	23.60	24.60 m	0.001	0.01	-	-	-
			1825	24.60	25.60 m	0.003	0.01	-	-	-
			1826	25.60	26.60 m	0.001	0.01	-	-	-
			1827	26.60	27.60 m	0.001	0.01	-	-	-
			1828	27.60	28.60 m	0.001	0.01	-	-	-
			1829	28.60	29.60 m	0.001	0.03	-	-	-
			1830	29.60	30.60 m	0.001	0.01	-	-	-
			1831	30.60	31.60 m	0.001	0.01	-	-	-
			1832	31.60	32.60 m	0.001	0.04	-	-	-
			1833	32.60	33.60 m	0.001	0.02	-	-	-
			1834	33.60	34.60 m	0.001	0.02	-	-	-
			1835	34.60	35.60 m	0.001	0.01	-	-	-
			1836	35.60	36.60 m	0.001	0.03	-	-	-
			1837	36.60	37.60 m	0.005	0.03	-	-	-
			1838	37.60	38.60 m	0.002	0.01	-	-	-
			1839	38.60	39.60 m	0.003	0.01	-	-	-
			1840	39.60	40.60 m	0.001	0.01	-	-	-
			1841	40.60	41.60 m	0.001	0.01	-	-	-
			1842	41.60	42.60 m	0.001	0.01	-	-	-
			1843	42.60	43.60 m	0.001	0.01	-	-	-

KOKANEE EXPLORATIONS LTD.
DRILL HOLE RECORD

Property: ECHO | Hole No.: E92-1 | Location: ECHO 1 CLAIM

METERAGE From	To	DESCRIPTION
37.5	49.0	CRYSTAL TUFF: Dark green, coarser grained, rare iron ochre, less calcite filled fractures, tuff is only weakly calcareous. 46.0-49.0m abundant calcite filled fractures, rare iron ochre. END OF HOLE AT 49.0m The core is stored at the home of P & J Gallant (prospector) in Ladysmith, B.C.

Sample No.	From	To	Au oz/t	Ag oz/t	Pb %	Zn %	Cu PPM
1844	43.60	44.60 m	0.001	0.01	-	-	-
1845	44.60	45.60 m	0.001	0.02	-	-	-
1846	45.60	46.60 m	0.006	0.02	-	-	-
1847	46.60	47.60 m	0.001	0.01	-	-	-
1848	47.60	48.60 m	0.001	0.01	-	-	-
1849	48.60	49.00 m	0.001	0.01	-	-	-

KOKANEE EXPLORATIONS LTD.

DRILL HOLE RECORD

Name of Property: ECHO | Corr. Dip: -90° | Remarks:

Hole No.: E92-2 | Length: 61.6 m

Location: ECHO 1 CLAIM | Start Date: 07/26/92 | Finish Date: 07/27/92

Elevation: | Azimuth: | Collar Dip:

Core Size: NQ | Tests at: | Logged by: D.Pighin Date: 07/27-28/92

METERAGE From	To	DESCRIPTION	Sample No.	From	To	Au oz/t	Ag oz/t	Pb %	Zn %	Cu ppm
0.0	1.5	OVERBURDEN								
1.5	4.0	CRYSTAL TUFF; light green, strongly chloritic, medium grained, vuggy (generally pin point vugs). Generally crackle brecciated, thin films of mylonitization line fractures. Dominant shearing with gouge cuts core at 8°. Limonite, iron-ochre, malachite, chalcopyrite and bornite weakly disseminated throughout (Mineralized Zone 1.5 to 4.0 m - contacts are destroyed by brecciation). Some scattered calcite crystals or thin veinlets within mineralized zone. 1.5-2.5 m; 30% core loss. 2.5-3.5 m; 100% recovery. 3.5-4.0 m; 100% recovery.	1850	1.5-2.5m		0.001	0.10	-	-	-
			1851	2.5-3.5m		0.001	0.06	-	-	-
			1852	3.5-4.0m		0.001	0.14	-	-	-

KOKANEE EXPLORATIONS LTD.
DRILL HOLE RECORD

Property: ECHO Hole No.: E92-2 Location: ECHO 1 CLAIM

METERAGE From	To	DESCRIPTION	Sample No.	From	To	Au oz/t	Ag oz/t	Pb %	Zn %	Cu ppm
4.0	61.6	CRYSTAL TUFF; purplish grey, scattered euhedral to subhedral crystals of chloritic calcite after feldspar throughout unit. Widely scattered iron-ochre, some massive patches of iron-ochre, rare specks of speckularite (Hematite) and magnetite. Thin, irregular veinlets occur throughout the section. Calcite veinlets cut core mainly at 58° and 72°. Thin shears with gouge cut core at 12° at 8.0 m. At 18.0 m thin calcite-ochre shear cuts core at 43°. At 26.0 m calcite-ochre-chlorite shear cuts core at 12°. At 29.0 m medium seam cuts core at 12° 30.0-30.4 m breccia and soft gouge cuts core at 36°. At 35.0 m 10 cm zone of epidote with rare disseminated iron ochre. Some late calcite veining. At 36.0 m thin calcite-epidote-chlorite shear cuts core at 59°. 40.8-42.0 m epidotized crystal tuff, scattered specks of iron ochre, widely scattered, thin, calcite veins cut epidote zone, host disseminated chalcopyrite and copper carbonates.	1853	4.0	5.0m	0.001	0.01	-	-	-
			1854	5.0	6.0m	0.001	0.04	-	-	-
			1855	6.0	7.0m	0.001	0.01	-	-	-
			1856	7.0	8.0m	0.001	0.11	-	-	-
			1857	8.0	9.0m	0.001	0.01	-	-	-
			1858	9.0	10.0m	0.001	0.01	-	-	-
			1859	10.0	11.0m	0.001	0.01	-	-	-
			1860	11.0	12.0m	0.001	0.16	-	-	-
			1861	12.0	13.0m	0.001	0.02	-	-	-
			1862	13.0	14.0m	0.001	0.01	-	-	-
			1863	14.0	15.0m	0.001	0.08	-	-	-
			1864	15.0	16.0m	0.001	0.12	-	-	-
			1865	16.0	17.0m	0.001	0.12	-	-	-
			1866	17.0	18.0m	0.001	0.08	-	-	-
			1867	18.0	19.0m	0.001	0.04	-	-	-
			1868	19.0	20.0m	0.001	0.01	-	-	-
			1869	20.0	21.0m	0.001	0.03	-	-	-
			1870	21.0	22.0m	0.001	0.06	-	-	-
			1871	22.0	23.0m	0.001	0.01	-	-	-
			1872	23.0	24.0m	0.001	0.11	-	-	-
			1873	24.0	25.0m	0.001	0.13	-	-	-
			1874	25.0	26.0m	0.001	0.10	-	-	-
			1875	26.0	27.0m	0.001	0.01	-	-	-
			1876	27.0	28.0m	0.001	0.01	-	-	-
			1877	28.0	29.0m	0.001	0.17	-	-	-
			1878	29.0	30.0m	0.001	0.01	-	-	-
			1879	30.0	31.0m	0.010	0.09	-	-	-
			1880	31.0	32.0m	0.001	0.13	-	-	-

KOKANEE EXPLORATIONS LTD.
DRILL HOLE RECORD

Property: ECHO Hole No.: E92-2 Location: ECHO 1 CLAIM

METERAGE From	To	DESCRIPTION	Sample No.	From	To	Au ppb	Ag ppm	Pb %	Zn %	Cu ppm
		Calcite veinlets cut core at 53.0 m. Contacts on epidote zone are gradational. 43.2-43.3 m epidotized zone, copper carbonate, calcite veining, chalcopyrite. 43.3-60.5 m scattered veins rarely more than 2 cm thick cut core at 25°, these veins commonly contain weakly disseminated chalcopyrite and rare bornite. Iron ochre as disseminations is commonly present. 43.5-61.6 m scattered, very irregular veins of calcite rimmed by red iron ochre.	1881	33.0-33.1m	1	0	0.005	0.007	8
			1882	33.4-33.7m	62	1	0.005	0.009	485
			1883	33.9-34.4m	25	0	0.005	0.01	71
			1884	35.0-35.1m	36	0	0.005	0.009	212
			1885	35.9-36.0m	1	0	0.005	0.006	53
			1886	37.6-37.7m	3	0	0.005	0.006	88
			1887	39.0-39.1m	3	0	0.005	0.005	134
			1888	40.2-40.3m	2	0	0.005	0.006	58
			1889	40.8-41.8m	3	0	0.005	0.005	133
			1890	41.8-43.3m	1	0	0.005	0.007	27
			1891	44.8-44.9m	2	0	0.005	0.006	20
			1892	46.2-46.3m	1	0	0.005	0.006	11
			1893	47.0-47.1m	1	0	0.005	0.005	58
			1894	49.3-49.4m	17	0	0.005	0.007	197
			1895	50.2-50.3m	2	0	0.005	0.005	38
			1896	51.8-51.9m	1	0	0.005	0.005	36
			1897	52.8-52.9m	1	0	0.005	0.005	83
			1898	54.0-54.1m	223	0	0.005	0.006	33
			1899	56.1-56.2m	60	0	0.005	0.01	27
			1900	57.7-57.8m	33	0	0.005	0.01	3
			1901	59.4-59.5m	24	0	0.005	0.01	24
			1902	60.4-60.5m	24	0	0.005	0.005	209
		END OF HOLE AT 61.6 m							
		The core is stored at the home of P & J Gallant (prospector) in Ladysmith, B.C.							

KOKANEE EXPLORATIONS LTD.

DRILL HOLE RECORD

Hor. 80.82 m
Vert. 80.82 m

Name of Property: ECHO | Corr. Dip: -45° | Remarks:

Hole No.: E92-3 | Length: 114.3 m

Location: ECHO 3 CLAIM | Start Date: 07/27/92 | Finish Date: 07/28/92

Elevation: | Azimuth: 339° | Collar Dip:

Core Size: NQ | Tests at: | Logged by: D.Pighin | Date: 07/28-29/92

METERAGE From	To	DESCRIPTION	Sample No.	From	To	Au ppb	Ag ppm	Pb %	Zn %	Cu ppm
0.0	1.8	OVERBURDEN								
1.8	9.8	CRYSTAL TUFF; purplish grey, calcareous, coarse white and green crystals, commonly euhedral. Crystals are calcite and chlorite after feldspar. Matrix appears to be fine, hematitic volcanic ash. Calcite and white feldspar veinlets are abundant, cut core at 75° to 55°, but many are irregular and wispy. At 9.8 m thin shear cuts core at 40°.	1903	4.9	5.1m	11	0	0.005	0.01	10
			1904	8.6	8.7m	20	0	0.005	0.008	4
9.8	66.0	CRYSTAL TUFF; light green, fine grained, weak to strongly calcareous. Crystals are typically subhedral, limy to siliceous. Matrix is chloritic and siliceous, cut by white calcite and feldspar veins as above. Some iron ochre along calcite veinlets. 20.0-21.0 m very fine grained, light green to yellowish tuff.	1905	14.2	14.4m	20	0	0.005	0.007	3
			1906	16.1	16.2m	16	0	0.005	0.005	32
			1907	20.7	20.8m	51	0	0.005	0.007	83
			1908	29.0	30.0m	260	0	0.005	0.01	14

KOKANEE EXPLORATIONS LTD.
DRILL HOLE RECORD

Property: ECHO Hole No.: E92-3 Location: ECHO 3 CLAIM

METERAGE From	To	DESCRIPTION	Sample No.	From	To	Au ppb	Ag ppm	Pb %	Zn %	Cu ppm
		30.0-32.0 m epidotized tuff, epidotization mainly of feldspar crystals. Some matrix, green chloritization is also abundant. Still weakly limy, rare, late calcite veinlet, rare disseminated pyrite and chalcopyrite. At 32.3 m shear cuts core at 51°.	1909	30.0-31.0m		921	0	0.005	0.006	26
			1910	31.0-32.0m		12	0	0.005	0.008	108
		32.0-45.6 m calcite-feldspar veinlets are rare, but generally cut core at 75°, veins rarely more than 3 mm thick. 44.0-45.0 m widely scattered (2 cm or less) dark grey, angular tuff clasts.	1911	36.1-36.2m		39	0	0.005	0.009	5
			1912	44.4-44.5m		6	0	0.005	0.008	5
		46.5-48.8 m abundant calcite veining and calcite matrix breccia. Some associated epidote.	1913	47.9-48.1m		6	0	0.005	0.005	9
			1914	51.9-52.0m		6	0	0.005	0.01	9
			1915	52.4-52.5m		61	0	0.005	0.006	5
		52.0-52.2 m Epidotized Zone - rare specks of pyrite.	1916	53.1-53.2m		15	0	0.005	0.005	9
			1917	55.9-56.0m		34	0	0.005	0.009	6
		55.2-55.4 m calcite vein, cuts core at 60°.	1918	56.2-56.4m		90	0	0.005	0.01	166
		64.5-65.0 m epidote-calcite matrix breccia, some disseminated pyrite.	1919	59.4-59.5m		15	1	0.005	0.01	16
			1920	61.5-61.6m		9	0	0.005	0.009	17
			1921	65.5-65.7m		16	0	0.005	0.008	76
66.0-79.0		TUFF; dark grey, generally fine grained, relatively soft. Some magnetite crystals, unit is magnetic, locally very chloritic. Unit is very calcareous. Scattered calcite veinlets throughout, mainly at 70°, rarely more than 3 mm thick.	1922	67.5-67.6m		5	0	0.005	0.009	43

KOKANEE EXPLORATIONS LTD.
DRILL HOLE RECORD

Property: ECHO Hole No.: E92-3 Location: ECHO 3 CLAIM

METERAGE From	To	DESCRIPTION	Sample No.	From	To	Au ppb	Ag ppm	Pb %	Zn %	Cu ppm
		At 68.0 m calcite-chlorite shear (1 cm thick) cuts core at 15°.	1923	73.0	73.1m	2	0	0.005	0.01	43
			1924	75.6	75.7m	1	0	0.005	0.007	10
		76.5-77.5 m strongly brecciated and healed by calcite and chlorite, zone cuts core at about 70°.	1925	76.9	77.0m	1	0	0.005	0.007	22
79.0	105.7	AGGLOMERATE; with crystalline tuff matrix, generally dark reddish brown-grey, clasts are generally reddish brown, generally silicified, rarely soft, very limy. Feldspar crystals appear to be replaced by calcite. Clasts are sharply angular, 1 to 2 cm in size. Chlorite and iron ochre are abundant in matrix. Unit is strongly magnetic, some feldspar crystals are replaced by epidote.								
		At 81.5 m thin calcite-chlorite shear cuts core at 20°.	1926	82.5	82.6m	4	0	0.005	0.007	21
			1927	83.6	83.7m	4	0	0.005	0.008	55
		93.0-105.7 m agglomerate unit is a deep reddish brown, very hematitic, some green chloritic sections.	1928	87.0	87.1m	5	0	0.005	0.009	31
			1929	89.9	90.0m	4	0	0.005	0.009	18
			1930	92.8	92.9m	10	0	0.005	0.005	16
		At 102 m calcite-chlorite vein 20 cm thick cuts core at 45°.	1931	100.8	100.9m	3	0	0.005	0.008	24
			1932	101.4	101.5m	4	0	0.005	0.005	51
		Clasts appear to be larger and deeper into the agglomerate unit, common 4 to 5cm in size - still magnetic. Base of agglomerate unit at 105.7 m at 73.0°								

KOKANEE EXPLORATIONS LTD.
DRILL HOLE RECORD

Property: ECHO | Hole No.: E92-3 | Location: ECHO 3 CLAIM

METERAGE From	To	DESCRIPTION	Sample No.	From	To	Au ppb	Ag ppm	Pb %	Zn %	Cu ppm
105.7	114.3	TUFF; dark reddish green, medium grained, silicified, very limy. Feldspar crystals replaced by calcite or epidote, matrix silicified, abundant hematite (red). Still magnetic. 110.5-111.0 m strongly epidotized.	1933	105.0	105.1m	6	0	0.005	0.009	22
			1934	107.1	107.2m	1	0	0.005	0.007	17
			1935	110.8	110.9m	5	0	0.005	0.005	21
			1936	113.8	113.9m	3	0	0.005	0.01	20
114.3		END OF HOLE								
		Core is stored at the home of P & J Gallant (prospector) in Ladysmith, B.C.								

KOKANEE EXPLORATIONS LTD.

DRILL HOLE RECORD

Page No. 1

Horz. 47.44
Vert 47.44

Name of Property: ECHO | Corr. Dip: -45° | Remarks:

Hole No.: E92-4 | Length: 67.1 m

Location: ECHO 3 CLAIM | Start Date: 07/28/92 | Finish Date: 07/28/92

Elevation: | Azimuth: 067° | Collar Dip:

Core Size: NQ | Tests at: | Logged by: D.Pighin Date:07/29/92

METERAGE From	To	DESCRIPTION	Sample No.	From	To	Au ppb	Ag ppm	Pb %	Zn %	Cu ppm
0.0	1.5	OVERBURDEN								
1.5	14.0	AGGLOMERATE; dark reddish grey, medium grained. Small scattered red hematitic clasts, 1 to 2 cm in size. Feldspar crystals are replaced by calcite and chlorite, generally limy throughout. Clasts are widely scattered. Some patches of silicification.	1937	6.0	6.1m	2	0	0.005	0.005	10
			1938	9.0	9.1m	4	0	0.005	0.007	14
14.0	23.0	AGGLOMERATE; reddish green, as above lithologically. Calcite veining is rare (all magnetic). At 6.1 m calcite-chlorite shear cuts core at 38°. At 12.2 m thin calcite-chlorite shear cuts core at 25°.	1939	15.2	15.3m	19	0	0.005	0.005	9
			1940	19.8	19.9m	12	0	0.005	0.007	10

KOKANEE EXPLORATIONS LTD.
DRILL HOLE RECORD

Property: ECHO Hole No.: E92-4 Location: ECHO 3 CLAIM

METERAGE From	To	DESCRIPTION	Sample No.	From	To	Au ppb	Ag ppm	Pb %	Zn %	Cu ppm
23.0	67.1	TUFF; generally green, medium to coarse grained, generally limy. Rare patch of silicification, generally weakly magnetic. At 24.8 m calcite-chlorite breccia. At 26.2 m calcite-chlorite breccia. At 43.5 m calcite-epidote vein cut at 20°. 44.3-44.8 m calcite-chlorite vein. Minor pyrite - rare chalcopyrite. 2° to core. 44.8-62.0 m epidote-calcite veinlets cut core at 10°, 20° and 5°. Host disseminated pyrite and chalcopyrite. Pyrite is also weakly disseminated in tuff.	1941	24.7-24.8m	19	0	0.005	0.005	15
			1942	26.1-26.2m	6	0	0.005	0.006	41
			1943	43.4-43.5m	5	0	0.005	0.005	50
			1944	44.3-44.8m	3	0	0.005	0.005	53
			1945	44.8-45.8m	2	0	0.005	0.006	54
			1946	45.8-47.0m	3	0	0.005	0.006	20
			1947	47.0-48.0m	2	0	0.005	0.006	17
			1948	48.0-49.0m	1	1	0.005	0.006	19
			1949	49.0-50.0m	1	0	0.005	0.006	18
			1950	50.0-51.0m	2	0	0.005	0.005	16
			1951	51.0-52.0	2	0	0.005	0.006	17
			1952	52.0-53.0m	2	0	0.005	0.006	21
		END OF HOLE AT 67.1 m	1953	53.0-54.0m	3	0	0.005	0.008	10
			1954	54.0-55.0m	9	0	0.005	0.008	13
		Core is stored at the home of P & J Gallant (prospector) in Ladysmith, B.C.	1955	55.0-56.0m	1	0	0.005	0.008	11
			1956	56.0-57.0m	1	0	0.005	0.008	19
			1957	57.0-58.0m	2	0	0.005	0.008	16
			1958	58.0-59.0m	1	0	0.005	0.007	19
			1959	59.0-60.0m	1	0	0.005	0.008	20
			1960	60.0-61.0m	2	0	0.005	0.007	12
			1961	61.0-62.0m	7	0	0.005	0.006	7

APPENDIX III

ANALYTICAL RESULTS

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604) 253-1716

ASSAY CERTIFICATE

Kokanee Explorations Ltd. PROJECT ECHO File # 92-2202 Page 1

104 - 135 - 10th Ave S., Cranbrook BC V1C 2N1 Submitted by: D.L. PIGHIN

E92-1

SAMPLE#	INTERVAL (m)	Cu %	Ag** oz/t	SAMPLE wt. gm	AU-100 oz/t	NATIVE Au mg	AVG. oz/t
01801	1.5 - 2.5	.093	.03	2700	.003	ND	.003
01802	2.5 - 3.3	.103	.02	3300	.002	ND	.002
01803	3.3 - 4.3	.070	.02	4100	.001	ND	.001
01804	4.3 - 5.3	.155	.01	3300	.001	ND	.001
01805	5.3 - 6.3	.055	.02	4000	.001	ND	.001
01806	6.3 - 7.3	.075	.01	2300	.001	ND	.001
01807	7.3 - 8.3	.001	.01	4000	.001	ND	.001
01808	8.3 - 9.4	.001	.01	5000	.001	ND	.001
01809	9.4 - 10.3	.001	.01	4300	.001	ND	.001
01810	10.3 - 11.4	.001	.01	3800	.001	ND	.001
01811	11.4 - 12.4	.001	.01	5000	.001	ND	.001
01812	12.4 - 13.3	.007	.01	4000	.001	ND	.001
01813	13.3 - 13.6	.001	.02	1900	.001	ND	.001
01814	13.6 - 14.6	.129	.10	3000	.004	ND	.004
01815	14.6 - 15.6	.001	.01	4100	.001	ND	.001
01816	15.6 - 16.6	.001	.01	3700	.001	ND	.001
01817	16.6 - 17.6	.006	.01	2900	.001	ND	.001
01818	17.6 - 18.6	.003	.01	4200	.001	ND	.001
01819	18.6 - 19.6	.003	.01	4500	.001	ND	.001
01820	19.6 - 20.6	.009	.01	5500	.001	ND	.001
01821	20.6 - 21.6	.001	.01	3700	.001	ND	.001
01822	21.6 - 22.6	.005	.01	3500	.001	ND	.001
01823	22.6 - 23.6	.002	.01	3450	.001	ND	.001
01824	23.6 - 24.6	.001	.01	3700	.001	ND	.001
01825	24.6 - 25.6	.001	.01	3900	.003	ND	.003
01826	25.6 - 26.6	.001	.01	4300	.001	ND	.001
01827	26.6 - 27.6	.004	.01	4300	.001	ND	.001
01828	27.6 - 28.6	.002	.01	4600	.001	ND	.001
01829	28.6 - 29.6	.002	.03	4000	.001	ND	.001
01830	29.6 - 30.6	.001	.01	4200	.001	ND	.001
01831	30.6 - 31.6	.001	.01	3700	.001	ND	.001
01832	31.6 - 32.6	.001	.04	5000	.001	ND	.001
01833	32.6 - 33.6	.001	.02	4800	.001	ND	.001
01834	33.6 - 34.6	.001	.02	4000	.001	ND	.001
01835	34.6 - 35.6	.001	.01	4200	.001	ND	.001
01836	35.6 - 36.6	.001	.03	3700	.001	ND	.001
STANDARD	R-1/AG-1	.842	.98	-	-	ND	-

AG** BY FIRE ASSAY FROM 1 A.T. SAMPLE. -100 MESH AU BY FIRE ASSAY FROM 1 A.T. SAMPLE.
- SAMPLE TYPE: CORE

DATE RECEIVED: JUL 29 1992 DATE REPORT MAILED: Aug 7/92 SIGNED BY ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

E92-1

SAMPLE#	INTERVAL (m)	Cu %	Ag** oz/t	SAMPLE wt. gm	AU-100 oz/t	NATIVE Au mg	AVG. oz/t
01837	36.6 - 37.6	.001	.03	4100	.005	ND	.005
01838	37.6 - 38.6	.001	.01	4900	.002	ND	.002
01839	38.6 - 39.6	.001	.01	3500	.003	ND	.003
01840	39.6 - 40.6	.001	.01	3500	.001	ND	.001
01841	40.6 - 41.6	.001	.01	6600	.001	.01	.001
01842	41.6 - 42.6	.001	.01	4100	.001	ND	.001
01843	42.6 - 43.6	.001	.01	4800	.001	ND	.001
01844	43.6 - 44.6	.001	.01	4150	.001	ND	.001
01845	44.6 - 45.6	.001	.02	2600	.001	ND	.001
01846	45.6 - 46.6	.054	.02	4700	.006	ND	.006
01847	46.6 - 47.6	.001	.01	5000	.001	ND	.001
01848	47.6 - 48.6	.002	.01	3300	.001	ND	.001
01849	48.6 - 49.6	.001	.01	1300	.001	ND	.001
STANDARD	R-1/AG-1	.855	.98	-	-	ND	-

Sample type: CORE.

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Kokanee Explorations Ltd. PROJECT ECHO File # 92-2222 Page 1

104-1135 10th Ave S., Cranbrook BC V1C 2N1 Submitted by: D.L. PICKLE

SAMPLE#	(m)	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
01881	330-333	1	8	4	67	.1	135	41	1421	7.14	11	5	ND	2	121	.2	2	2	162	5.12	.119	9	107	4.83	48	.35	4	3.72	.14	.07	1	1
01882	334-337	1	485	5	90	1.4	146	41	1484	6.59	9	5	ND	1	59	.2	2	4	107	3.23	.115	7	106	3.77	27	.17	2	3.56	.02	.06	1	62
01883	339-344	1	71	6	102	.2	146	42	1632	6.93	9	5	ND	1	58	.2	2	6	108	5.72	.111	7	101	3.74	32	.38	2	3.43	.04	.08	1	25
01884	350-355	1	212	4	89	.3	131	35	1361	6.37	8	5	ND	1	81	.2	2	3	113	7.20	.105	6	99	3.22	21	.21	2	3.61	.02	.05	1	36
01885	355-360	1	53	3	57	.1	133	37	1333	6.12	11	5	ND	2	172	.3	2	2	130	7.75	.100	7	93	2.79	20	.26	9	4.47	.02	.04	1	1
01886	377-377	1	88	2	64	.1	151	45	1289	6.51	9	6	ND	2	297	.2	2	2	175	5.81	.129	9	100	2.84	64	.28	5	4.07	.29	.06	1	3
01887	390-395	1	134	3	52	.1	123	32	1040	5.59	9	5	ND	2	145	.2	2	3	150	5.01	.109	8	84	2.49	51	.27	15	3.31	.07	.04	1	3
01888	403-409	1	58	5	61	.1	138	36	1313	6.26	9	5	ND	2	89	.2	2	4	142	4.54	.117	8	100	3.03	17	.25	6	2.53	.04	.04	1	2
01889	413-418	1	133	9	27	.3	130	26	549	2.89	13	5	ND	1	375	.2	2	2	66	4.23	.099	5	88	1.59	7	.15	6	2.36	.01	.02	1	3
01890	418-423	1	27	5	69	.1	144	40	1243	6.03	8	5	ND	1	125	.2	2	2	107	4.10	.117	7	114	3.28	15	.22	4	2.74	.04	.03	1	1
01891	440-446	1	20	4	55	.1	144	39	1557	6.55	7	5	ND	1	101	.2	2	2	152	5.71	.117	7	114	3.53	53	.27	7	2.85	.07	.04	1	2
01892	462-465	1	11	2	60	.1	161	41	1525	7.07	8	5	ND	2	144	.2	2	2	166	5.89	.111	8	106	4.10	47	.29	6	3.36	.15	.04	1	1
01893	472-481	1	58	2	53	.1	142	36	1331	6.45	2	5	ND	1	159	.2	2	2	155	4.92	.114	9	104	3.54	37	.26	2	3.06	.15	.05	1	1
01894	473-474	1	197	3	74	.1	126	34	1049	4.77	4	5	ND	1	229	.2	2	2	98	7.67	.097	6	104	3.26	9	.22	3	2.92	.02	.01	1	17
01895	503-505	1	38	2	46	.1	114	31	1319	6.22	2	5	ND	2	191	.4	2	2	165	5.78	.107	8	81	3.02	59	.23	3	3.10	.19	.06	1	2
01896	509-511	1	36	5	53	.1	138	37	1126	6.02	2	5	ND	1	257	.2	2	4	153	4.64	.122	9	88	2.90	61	.26	7	3.79	.25	.04	1	1
01897	529-532	1	83	7	50	.1	139	36	1163	5.48	4	5	ND	1	218	.2	2	2	143	4.67	.115	9	98	2.76	55	.29	5	3.15	.16	.04	1	1
01898	540-541	1	33	8	56	.1	121	32	1024	6.23	9	5	ND	1	326	.2	2	2	166	3.86	.121	9	87	1.97	40	.15	7	4.11	.39	.06	1	223
01899	561-562	1	27	5	96	.1	6	18	1098	4.91	6	5	ND	2	180	.2	2	3	106	4.51	.085	12	7	1.42	50	.21	7	3.28	.09	.04	1	60
01900	571-573	1	3	7	120	.1	13	21	1398	5.54	3	5	ND	1	94	.2	2	2	101	2.54	.096	13	4	2.11	44	.17	2	2.45	.16	.08	1	33
01901	594-595	1	24	9	112	.1	6	19	1103	5.09	4	5	ND	2	110	.4	2	2	101	4.49	.092	13	4	1.83	60	.25	3	2.42	.07	.06	1	24
01902	604-607	1	209	9	26	.3	83	18	507	2.38	3	5	ND	1	248	.2	2	2	73	3.88	.115	8	101	1.08	10	.28	2	1.52	.02	.01	1	24
01903	47-51	1	10	7	115	.1	3	16	993	4.38	4	5	ND	1	120	.2	2	2	66	1.95	.098	18	6	1.03	75	.14	7	2.61	.05	.13	1	11
01904	86-87	1	4	7	79	.1	14	14	971	3.59	3	5	ND	2	124	.4	2	2	48	1.57	.076	17	9	1.08	77	.03	7	3.19	.04	.15	1	20
01905	142-148	1	3	3	74	.1	11	14	1325	3.50	4	5	ND	2	67	.2	2	2	40	3.75	.075	12	7	1.18	49	.12	3	2.08	.02	.10	1	20
01906	160-162	1	32	2	45	.1	21	11	643	2.67	2	5	ND	2	134	.2	2	2	48	6.02	.067	10	18	.72	29	.18	2	1.89	.04	.10	1	16
01907	203-209	2	83	7	73	.2	10	13	826	2.80	3	5	ND	2	148	.2	2	2	54	2.94	.077	10	18	1.22	38	.23	4	2.23	.04	.08	1	51
RE 01904		1	6	7	82	.1	12	15	989	3.63	3	5	ND	2	126	.2	2	2	49	1.62	.076	17	8	1.10	78	.03	8	3.25	.04	.15	1	15
01908	297-300	1	14	2	97	.1	15	16	947	3.40	2	5	ND	1	93	.2	2	2	39	2.10	.083	10	9	1.79	28	.13	3	2.23	.05	.10	1	260
01909	309-310	1	26	3	64	.1	11	13	625	2.26	2	5	ND	1	143	.2	2	2	30	1.77	.078	9	8	1.12	35	.11	2	1.77	.07	.15	1	921
01910	319-320	1	108	8	77	.1	10	13	648	2.65	2	5	ND	1	88	.2	2	5	27	1.32	.082	10	7	1.25	37	.14	2	1.85	.04	.15	1	12
01911	361-362	1	5	6	87	.1	12	14	772	2.95	2	5	ND	1	105	.2	2	2	37	1.82	.081	10	17	1.45	51	.14	4	2.04	.10	.16	1	39
01912	444-445	1	5	3	75	.1	9	15	1576	3.56	3	5	ND	2	93	.2	2	2	56	5.41	.079	12	8	1.60	92	.17	2	1.97	.08	.28	1	6
01913	479-481	1	9	7	52	.1	12	12	2579	2.44	2	5	ND	1	84	.2	2	2	42	9.75	.054	9	6	.90	35	.13	2	1.35	.02	.09	1	6
01914	519-520	1	9	4	117	.1	10	26	1236	5.99	2	5	ND	1	104	.2	2	2	138	5.91	.106	9	12	1.86	33	.35	2	3.35	.03	.06	1	6
01915	524-525	2	5	6	61	.1	11	13	656	2.45	2	5	ND	2	161	.2	2	2	47	3.21	.072	9	17	1.07	35	.20	6	1.79	.08	.10	1	61
01916	531-532	1	9	4	46	.1	10	10	833	2.32	6	5	ND	2	60	.2	2	2	33	7.02	.066	10	6	.73	42	.18	2	1.32	.03	.16	1	15
STANDARD C/AU-R		19	57	42	134	7.5	75	32	1065	4.05	41	23	7	38	52	18.8	15	21	58	.49	.091	38	62	.90	180	.09	35	1.90	.07	.15	10	492

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1 TO P3 GEO P4 ASSAY AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.
Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: JUL 30 1992 DATE REPORT MAILED: Aug 18/92 SIGNED BY ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

ASSAY CERTIFICATE

Kokanee Explorations Ltd. PROJECT ECHO File # 92-2222 Page 4

104 - 135 10th Ave S. Cranbrook BC V1C 2N1 Submitted by: D.L. PIGEON

SAMPLE#		Cu %	Ag** oz/t	SAMPLE wt. gm	AU-100 oz/t	NATIVE Au mg	AVG oz/t
01850	1.5 - 2.5	.077	.10	1800	.001	ND	.001
01851	2.5 - 3.5	.015	.06	3000	.001	ND	.001
RE 01855		.011	.02	-	-	ND	-
01852	3.5 - 4.0	.020	.14	1900	.001	ND	.001
01853	4.0 - 5.0	.019	.01	4500	.001	ND	.001
01854	5.0 - 6.0	.005	.04	4650	.001	ND	.001
01855	6.0 - 7.0	.011	.01	4300	.001	ND	.001
01856	7.0 - 8.0	.045	.11	4600	.001	ND	.001
01857	8.0 - 9.0	.025	.01	4100	.001	ND	.001
01858	9.0 - 10.0	.006	.01	3500	.001	ND	.001
01859	10.0 - 11.0	.059	.01	3800	.001	ND	.001
01860	11.0 - 12.0	.008	.16	4500	.001	ND	.001
01861	12.0 - 13.0	.009	.02	4400	.001	ND	.001
01862	13.0 - 14.0	.004	.01	4000	.001	ND	.001
01863	14.0 - 15.0	.007	.08	4200	.001	ND	.001
01864	15.0 - 16.0	.016	.12	4600	.001	ND	.001
01865	16.0 - 17.0	.009	.12	4400	.001	ND	.001
01866	17.0 - 18.0	.008	.08	4200	.001	ND	.001
01867	18.0 - 19.0	.005	.04	4600	.001	ND	.001
01868	19.0 - 20.0	.009	.01	4300	.001	ND	.001
01869	20.0 - 21.0	.006	.03	4200	.001	ND	.001
01870	21.0 - 22.0	.005	.06	5100	.001	ND	.001
01871	22.0 - 23.0	.003	.01	4600	.001	ND	.001
01872	23.0 - 24.0	.006	.11	4400	.001	ND	.001
01873	24.0 - 25.0	.003	.13	4500	.001	ND	.001
01874	25.0 - 26.0	.004	.10	4500	.001	ND	.001
01875	26.0 - 27.0	.006	.01	4800	.001	ND	.001
01876	27.0 - 28.0	.002	.01	4200	.001	ND	.001
01877	28.0 - 29.0	.005	.17	3600	.001	ND	.001
01878	29.0 - 30.0	.011	.01	3000	.001	ND	.001
01879	30.0 - 30.5	.010	.09	1500	.010	ND	.010
01880	32.0 - 32.1	.002	.13	1000	.001	ND	.001
STANDARD R-1/AG-1		.853	.99	-	-	ND	-

E90-2

- 1 GM SAMPLE LEACHED IN 50 ML AQUA - REGIA, ANALYSIS BY ICP.
- SAMPLE TYPE: P1 TO P3 GEO P4 ASSAY
AG** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
-100 MESH AU BY FIRE ASSAY 1 A.T. SAMPLE.
Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: JUL 30 1992 DATE REPORT MAILED: Aug 13/92 SIGNED BY..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX (604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Koxanee Explorations Ltd. PROJECT ECHO File # 92-2222 Page 1

104 - 1135 - 10th Ave S. Cranbrook BC V1C 2N7 Submitted by: D.L. Pighin

SAMPLE#	(m)	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
01881	330-333	1	8	4	67	.1	135	41	1421	7.14	11	5	ND	2	121	.2	2	2	162	5.12	.139	9	107	4.03	48	.35	4	3.72	.14	.07	1	1
01882	334-337	1	485	5	90	.4	146	41	1484	6.59	9	5	ND	1	59	.2	2	4	107	3.23	.135	7	106	3.77	27	.17	2	3.56	.02	.06	1	62
01883	339-344	1	71	6	102	.2	146	42	1632	6.93	9	5	ND	1	58	.2	2	6	108	5.72	.111	7	101	3.74	32	.18	2	3.43	.04	.08	1	25
01884	350-361	1	212	4	89	.3	131	35	1361	6.37	8	5	ND	1	81	.2	2	3	113	7.20	.105	6	99	3.22	21	.21	2	3.61	.02	.05	1	36
01885	359-360	1	53	3	57	.1	133	37	1333	6.12	11	5	ND	2	172	.3	2	2	130	7.75	.100	7	93	2.79	20	.24	9	4.47	.02	.04	1	1
01886	376-377	1	88	2	64	.1	151	45	1289	6.51	9	6	ND	2	297	.2	2	2	175	5.81	.129	9	100	2.84	64	.28	5	4.07	.29	.06	1	3
01887	390-391	1	134	3	52	.1	123	32	1040	5.59	9	5	ND	2	145	.2	2	3	150	5.01	.109	8	84	2.49	51	.27	15	3.31	.07	.04	1	3
01888	402-403	1	58	5	61	.1	138	36	1313	6.26	9	5	ND	2	89	.2	2	4	142	4.54	.117	8	100	3.03	17	.25	6	2.53	.04	.04	1	2
01889	403-418	1	133	9	27	.3	130	26	549	2.89	13	5	ND	1	375	.2	2	2	66	4.23	.099	5	88	1.59	7	.15	6	2.36	.01	.02	1	3
01890	418-433	1	27	5	69	.1	144	40	1243	6.03	8	5	ND	1	125	.2	2	2	107	4.10	.117	7	114	3.28	15	.22	4	2.74	.04	.03	1	1
01891	449-449	1	20	4	55	.1	144	39	1557	6.55	7	5	ND	1	101	.2	2	2	152	5.71	.117	7	114	3.53	53	.27	7	2.85	.07	.04	1	2
01892	462-463	1	11	2	60	.1	161	41	1525	7.07	8	5	ND	2	144	.2	2	2	166	5.89	.111	8	106	4.10	47	.29	6	3.36	.15	.04	1	1
01893	470-471	1	58	2	53	.1	142	36	1331	6.45	7	5	ND	1	159	.2	2	2	155	4.92	.114	9	104	3.54	37	.26	2	3.06	.15	.05	1	1
01894	473-474	1	197	3	74	.1	126	34	1049	4.77	4	5	ND	1	229	.2	2	2	98	7.67	.097	6	104	3.26	9	.22	3	2.92	.02	.01	1	17
01895	502-505	1	38	2	46	.1	114	31	1319	6.22	2	5	ND	2	191	.4	2	2	165	5.78	.107	8	81	3.02	59	.23	3	3.10	.19	.06	1	2
01896	518-519	1	36	5	53	.1	138	37	1126	6.02	2	5	ND	1	257	.2	2	4	153	4.64	.122	9	88	2.90	61	.26	7	3.79	.25	.04	1	1
01897	528-529	1	83	7	50	.1	139	36	1163	5.48	4	5	ND	1	218	.2	2	2	143	4.67	.115	9	98	2.76	55	.29	5	3.15	.16	.04	1	1
01898	541-541	1	33	8	56	.1	121	32	1024	6.23	9	5	ND	1	326	.2	2	2	166	3.86	.121	9	87	1.97	40	.15	7	4.11	.39	.06	1	223
01899	561-562	1	27	5	96	.1	6	18	1098	4.91	6	5	ND	2	180	.2	2	3	106	4.51	.085	12	7	1.42	50	.21	7	3.28	.09	.04	1	60
01900	571-578	1	3	7	120	.1	13	21	1398	5.54	3	5	ND	1	94	.2	2	2	101	2.54	.096	13	4	2.11	44	.17	2	2.45	.16	.08	1	33
01901	594-595	1	24	9	112	.1	6	19	1103	5.09	4	5	ND	2	110	.4	2	2	101	4.49	.092	13	4	1.83	60	.25	3	2.42	.07	.06	1	24
01902	604-605	1	209	9	26	.3	83	18	507	2.38	3	5	ND	1	248	.2	2	2	73	3.88	.115	8	101	1.08	10	.28	2	1.52	.02	.01	1	24
01903	49-51	1	10	7	115	.1	3	16	993	4.38	4	5	ND	1	120	.2	2	2	66	1.95	.098	18	6	1.03	75	.14	7	2.61	.05	.13	1	11
01904	86-87	1	4	7	79	.1	14	14	971	3.59	3	5	ND	2	124	.4	2	2	48	1.57	.076	17	9	1.08	77	.03	7	3.19	.04	.15	1	20
01905	142-144	1	3	3	74	.1	11	14	1325	3.50	4	5	ND	2	67	.2	2	2	40	3.75	.075	12	7	1.18	49	.12	3	2.08	.02	.10	1	20
01906	161-162	1	32	2	45	.1	21	11	643	2.67	2	5	ND	2	134	.2	2	2	48	6.02	.067	10	18	.72	29	.18	2	1.89	.04	.10	1	16
01907	207-208	2	83	7	73	.2	10	13	826	2.80	3	5	ND	2	148	.2	2	2	54	2.94	.077	10	18	1.22	38	.23	4	2.23	.04	.08	1	51
RE 01904		1	6	7	82	.1	12	15	989	3.63	3	5	ND	2	126	.2	2	2	49	1.62	.076	17	8	1.10	78	.03	8	3.25	.04	.15	1	260
01908	29-30	1	14	2	97	.1	15	16	947	3.40	2	5	ND	1	93	.2	2	2	39	2.10	.083	10	9	1.79	28	.13	3	2.23	.05	.10	1	260
01909	30-31	1	26	3	64	.1	11	13	625	2.26	2	5	ND	1	143	.2	2	2	30	1.77	.078	9	8	1.12	35	.11	2	1.77	.07	.15	1	921
01910	31-32	1	108	8	77	.1	10	13	648	2.65	2	5	ND	1	88	.2	2	5	27	1.32	.082	10	7	1.25	37	.14	2	1.85	.04	.15	1	12
01911	36-36	1	5	6	87	.1	12	14	772	2.95	2	5	ND	1	105	.2	2	2	37	1.82	.081	10	17	1.45	51	.14	4	2.04	.10	.16	1	39
01912	44-445	1	5	3	75	.1	9	15	1576	3.56	3	5	ND	2	93	.2	2	2	56	5.41	.079	12	8	1.60	92	.17	2	1.97	.08	.28	1	6
01913	479-481	1	9	7	52	.1	12	12	2379	2.44	2	5	ND	1	84	.2	2	2	42	9.75	.054	9	6	.90	35	.13	2	1.35	.02	.09	1	6
01914	519-520	1	9	4	117	.1	10	26	1236	5.99	2	5	ND	1	104	.2	2	2	138	5.91	.106	9	12	1.86	33	.35	2	3.35	.03	.06	1	6
01915	524-525	2	5	6	61	.1	11	13	656	2.45	2	5	ND	2	141	.2	2	2	47	3.21	.072	9	17	1.07	35	.20	6	1.79	.08	.10	1	61
01916	531-532	1	9	4	46	.1	10	10	833	2.32	6	5	ND	2	60	.2	2	2	33	7.02	.066	10	6	.73	42	.18	2	1.32	.03	.16	1	15
STANDARD C/AU-R		19	57	42	134	7.5	75	32	1065	4.05	41	23	7	38	52	18.8	15	21	58	.49	.097	38	62	.90	180	.09	35	1.90	.07	.15	10	492

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1 TO P3 GEO P4 ASSAY AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.
Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: JUL 30 1992 DATE REPORT MAILED: Aug 18/92 SIGNED BY ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

P.002/005
AUG-12-1992 17:38 FROM ACME ANALYTICAL TO 1-489-1121
E92-3
E92-2

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
01917 55.9-56.0	1	6	11	90	.2	10	21	1346	5.05		5	ND	6	51	.6	2	2	51	4.75	.102	16	7	1.86	43	.01	5	2.10	.01	.17	1	34
01918 56.2-56.4	1	166	6	99	.2	10	24	1338	5.30		5	ND	5	49	.3	2	2	64	4.70	.098	15	7	1.93	36	.01	5	2.42	.01	.16	1	90
01919 59.4-59.5	1	16	2	95	.3	10	22	1517	6.00		5	ND	9	186	.2	2	2	92	5.59	.094	12	6	1.97	59	.18	6	4.30	.05	.11	2	15
01920 61.5-61.6	1	17	2	86	.2	8	13	1072	3.70		5	ND	3	44	.2	2	2	36	3.53	.077	13	5	1.76	43	.09	4	2.11	.02	.19	1	9
01921 65.5-65.7	2	76	4	82	.3	4	11	763	3.37		5	ND	5	176	.2	2	2	43	5.47	.074	10	3	1.06	26	.17	5	2.98	.03	.08	1	16
01922 67.5-67.6	1	43	2	94	.4	3	15	1187	5.14		5	ND	3	156	.2	2	2	73	3.02	.092	14	3	1.53	96	.14	4	2.29	.13	.14	1	5
01923 73.0-73.1	1	43	6	108	.3	5	22	1428	5.59		5	ND	3	206	.2	2	2	71	3.44	.137	13	3	2.15	62	.17	5	3.99	.22	.16	1	2
01924 75.6-75.7	1	10	2	68	.3	8	13	1683	3.62		5	ND	6	168	.4	2	2	39	5.38	.077	17	6	1.50	44	.14	5	2.02	.07	.17	1	1
01925 76.9-77.0	1	22	2	65	.2	11	16	952	4.48		5	ND	5	165	.2	2	2	69	4.86	.082	12	9	1.10	41	.19	6	3.34	.05	.18	1	1
01926 82.5-82.6	1	21	2	65	.4	20	14	1361	4.56		5	ND	4	97	.2	2	2	115	3.03	.093	12	26	1.65	92	.24	4	2.03	.07	.11	1	4
01927 83.6-83.7	1	55	3	78	.4	23	18	1361	4.51		5	ND	3	113	.3	2	2	87	2.89	.087	14	28	2.04	117	.18	5	2.29	.08	.08	1	4
01928 87.0-87.1	1	31	17	93	.3	20	15	924	3.81		5	ND	2	85	.2	2	2	69	1.72	.091	11	23	1.91	33	.21	5	2.00	.04	.08	1	5
01929 89.0-90.0	1	18	2	92	.2	19	17	1097	3.86		5	ND	2	76	.3	2	2	53	1.96	.086	10	19	2.14	26	.17	4	2.30	.03	.09	1	6
01930 92.8-92.9	1	16	4	45	.1	22	12	478	1.63		5	ND	2	155	.2	2	2	34	2.89	.077	6	14	.85	10	.22	2	1.55	.03	.03	1	10
01931 100.8-100.9	1	24	7	79	.3	21	19	1265	4.95		5	ND	3	78	.2	2	2	118	3.42	.072	10	24	1.60	44	.24	6	1.95	.06	.08	1	3
01932 101.4-101.5	6	51	2	40	.1	6	9	545	2.35		5	ND	4	157	.2	2	2	60	20.70	.040	7	5	.39	44	.16	4	3.11	.05	.03	2	4
01933 105.0-105.1	1	22	5	91	.1	27	22	1194	5.65		5	ND	2	78	.2	2	2	120	2.41	.079	9	25	2.51	33	.25	5	2.53	.05	.06	1	6
01934 107.1-107.2	1	17	4	68	.1	9	15	856	4.11		5	ND	1	76	.2	2	2	88	3.13	.096	9	10	1.35	24	.21	4	1.73	.04	.08	1	1
01935 110.8-110.9	1	21	6	43	.4	9	10	435	1.95		5	ND	3	253	.3	2	2	54	2.26	.083	6	14	.75	4	.25	6	1.78	.02	.01	1	5
01936 113.8-113.9	1	20	2	101	.1	10	21	1048	5.20		5	ND	4	149	.3	2	2	93	2.75	.093	8	7	2.06	23	.25	6	3.57	.05	.08	1	3
RE 01932	7	46	6	39	.1	5	7	519	2.25		9	7	ND	2	155	.2	2	2	56	18.27	.038	4	4	.38	44	.14	3	3.07	.05	.03	1	4
01937 6.0-6.1	1	10	2	52	.4	7	9	594	3.02		2	5	ND	7	365	.2	2	2	66	5.43	.065	15	6	.72	43	.09	5	6.96	.06	.09	2	2
01938 9.0-9.1	1	14	5	69	.1	8	10	890	3.29		2	5	ND	2	89	.4	2	2	47	2.16	.072	13	7	1.17	70	.14	3	1.78	.12	.14	1	4
01939 15.2-15.3	1	9	2	52	.1	5	7	651	2.27		2	5	ND	1	77	.2	2	2	31	3.73	.054	10	6	.86	32	.12	2	2.09	.03	.14	1	19
01940 198.199	1	10	3	69	.1	7	11	783	3.12		3	10	ND	1	34	.3	2	2	34	2.21	.066	10	6	1.36	45	.11	2	2.01	.03	.22	1	12
01941 24.1-24.8	1	15	2	53	.1	6	9	738	2.58		3	5	ND	6	58	.3	2	2	29	7.11	.062	12	5	1.04	27	.06	2	1.80	.02	.14	1	19
01942 26.1-26.2	1	41	5	58	.4	9	14	1793	3.04		2	5	ND	9	93	.9	2	2	43	4.76	.059	14	5	1.24	39	.10	4	1.58	.05	.10	1	6
01943 43.1-43.5	1	50	2	27	.1	4	5	729	1.32		2	5	ND	6	97	.2	2	2	16	7.10	.040	11	5	.41	21	.05	2	1.18	.02	.13	1	5
01944 44.3-44.8	1	33	2	52	.1	6	9	795	2.78		2	5	ND	3	63	.2	2	2	32	2.81	.070	13	5	1.00	54	.09	4	1.67	.02	.21	1	3
01945 44.8-45.0	1	54	2	58	.1	6	9	780	3.00		2	5	ND	1	81	.2	2	2	32	2.59	.073	12	5	1.11	61	.13	2	1.87	.04	.20	1	2
01946 45.0-47.0	1	20	2	55	.1	6	9	853	2.68		2	5	ND	3	48	.2	2	2	28	2.76	.068	13	5	1.03	42	.08	4	1.59	.02	.17	2	3
01947 47.0-48.0	1	17	8	60	.3	7	10	1118	3.11		2	5	ND	5	126	.4	2	2	35	3.01	.071	16	8	1.11	97	.09	4	1.73	.05	.17	1	2
01948 48.0-49.0	1	19	2	61	.5	8	10	894	3.39		2	5	ND	5	105	.3	3	2	45	2.31	.072	16	7	1.09	101	.12	6	1.82	.10	.16	2	1
01949 49.0-50.0	1	18	7	63	.1	8	11	907	3.29		2	5	ND	3	121	.2	2	2	40	2.47	.073	15	6	1.30	107	.11	3	1.84	.08	.16	1	1
01950 50.0-51.0	1	16	2	54	.1	6	10	813	2.94		2	5	ND	1	85	.2	2	2	35	2.05	.064	13	5	1.09	81	.11	2	1.64	.05	.16	1	2
01951 51.0-52.0	1	17	4	58	.3	6	10	867	3.21		3	8	ND	4	80	.2	2	2	45	2.52	.070	15	7	1.22	66	.12	4	1.79	.05	.13	1	2
01952 52.0-53.0	1	21	5	64	.3	7	10	888	3.35		2	5	ND	3	107	.2	2	2	53	2.70	.072	14	7	1.09	86	.15	4	1.94	.06	.12	1	2
STANDARD C/AU-R	20	64	38	129	7.2	71	32	1072	4.17	42	17	7	38	53	17.0	14	21	58	.50	.094	40	57	.92	180	.09	35	1.90	.07	.15	11	452

Sample type: CORE. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
01953 53°-54°	1	10	3	78	.2	10	17	1215	4.03	2	5	ND	1	107	.2	2	2	55	3.17	.084	15	8	1.64	99	.16	4	2.12	.06	.12	1	3
01954 54°-55°	1	13	4	75	.1	9	17	1214	4.15	2	5	ND	1	101	.2	2	4	60	3.27	.087	14	8	1.65	76	.16	7	2.23	.04	.09	1	9
01955 55°-56°	1	11	7	79	.3	11	16	975	4.38	2	5	ND	2	101	.2	2	2	88	3.55	.086	15	11	1.36	166	.23	8	2.75	.06	.08	1	1
RE 01956	1	19	4	80	.3	9	17	1005	4.41	2	5	ND	2	101	.2	2	2	100	4.10	.084	16	9	1.34	113	.22	4	2.97	.04	.08	1	1
01956 56°-57°	1	19	5	80	.1	12	16	1023	4.50	2	5	ND	1	101	.2	2	2	101	4.16	.085	16	8	1.36	114	.22	5	3.06	.04	.08	1	1
01957 57°-58°	1	16	4	75	.1	12	16	936	4.44	2	5	ND	1	78	.3	2	2	98	3.32	.088	16	11	1.25	81	.23	7	2.52	.04	.08	1	2
01958 58°-59°	1	19	3	73	.1	10	17	997	4.49	2	5	ND	1	86	.2	2	3	83	3.28	.087	15	9	1.32	78	.22	7	2.43	.04	.09	1	1
01959 59°-60°	1	20	5	78	.4	12	18	1034	4.59	2	9	ND	2	84	.2	2	2	83	3.30	.092	16	10	1.33	66	.22	6	2.41	.04	.09	1	1
01960 60°-61°	1	12	4	68	.1	8	16	941	4.27	2	5	ND	1	123	.2	2	3	80	4.23	.066	15	9	1.09	52	.21	5	2.96	.04	.08	1	2
01961 61°-62°	1	7	8	64	.1	8	14	897	3.30	7	5	ND	1	92	.2	2	2	53	4.71	.078	12	9	1.11	35	.16	6	2.04	.03	.10	1	7
STANDARD C/AU-R	19	57	39	138	7.3	72	32	1113	4.17	41	22	7	39	53	18.8	14	21	58	.50	.094	39	60	.91	188	.09	35	1.95	.07	.16	11	530

Sample type: CORE. Samples beginning 'RE' are duplicate samples.