

MAR 19950024: COLD LAKE & MARIE LAKE

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19950024



FOCAL RESOURCES LIMITED

Cold Lake Project

Activity Report

Michele Innes

July 1995

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Summary

Focal Resources Limited conducted a geochemical survey of several properties in the Cold Lake area to ascertain the potential for the existence of a placer type gold deposit.

Three main types of sampling were conducted: lake bottom samples from Cold Lake, soil samples, and gravel (reworked till) samples from a gravel pit. In all 96 lake sediments, 54 soils, and 43 gravel/tills were collected.

Although the results of the work performed confirm the presence of gold in the area, it is recommended that Focal Resources not proceed with further exploration in this area at the present time.

Introduction

The permits described in detail below are referred to as the Cold Lake Project. Work on these lands was performed to establish whether or not the area possesses an economic quantity of placer type gold. This report summarizes the exploration activities carried out by Focal Resources Limited on this project during the spring and summer of 1995.

Regional Geology

The Quaternary stratigraphy and surficial geology of the area around Cold Lake in Alberta (NTS 73L) has been studied in detail by Andriashek and Fenton (1989). The terrain is glacial and the entire area is covered with till, glaciofluvial, and/or fluvial deposits. In the majority of the area under study the Grand Centre Formation is exposed at surface (Reita Lake Member and to a lesser extent the underlying Hilda Lake Member). There is also the possibility that the Sand River Formation (subjacent to the Grand Centre Fm) is exposed sporadically. Drift thickness is variable; on the order of 25-75m for the most part, but ranging up to 175m+ in glacial valleys.

The bedrock underlying the area of interest is the Upper Cretaceous Lea Park Formation. This gray, glauconitic, silty marine shale with iron concretions reportedly outcrops along the Beaver River Valley, but is not known to outcrop on the properties discussed in this report.

Location and Access

The properties comprising the Cold Lake Project (Map 1) are found within NTS maps 73L (Sand River) and 73K (Waterhen River). Access to the Cold Lake Properties is good. Highway 897, and numerous quad trails provide easy access to most of the Cold Lake and Marie Lake properties. Highway 919 provides access to the boundary of the Martineau River Property in Saskatchewan.

Permit Tabulation

The Cold Lake Project (Map 1) consists of: the Cold Lake Property (Alberta Metallic Mineral Permits 75, 99, and 100), the Marie Lake Property (Alberta Mineral Permits 9393080536, 9393080537, 9393080538, 9393080539, 9393080540, 9393080541, 9393080542), and the Martineau River Property (Saskatchewan claims S-104759 and S-104758). The total land area is 84, 591 ha.

Cold Lake Property

Permits held by Sunburst Mines Ltd.

Metallic Mineral Permit	Sections	Twp	Range	Meridian	Area (ha)
75	13-21; 22-36	65	1	W4	4,350
	1-18	66	1	W4	4,608
99	18-36	64	3	W4	4,608
	1-18	65	3	W4	4,608
100	19-36	65	3	W4	4,608
	1-18	66	3	W4	4,608

9393080001
776.3692 ha

9393080676
9216 ha

9393080677
9216

Total Area 27,390 ha

26,208.3692

Marie Lake Property

Permits held by Kaleeda Enterprises Inc. and Frances Sherwin.

Metallic Mineral Permit	Sections	Twp	Range	Meridian	Area (ha)
9393080536	1-7; 8SW, NWP; 9S; 10S, NWP; 11NP; 12NWP; 13SP, NW, NEP; 14; 15N, SE, SWP; 16S, NW, NEP; 17SE; 17NP; 18, 19SEP, NW, NEP, L5, L6; 20SP, NP; 21N; SE, SWP; 22N, SEP, SW; 23-27; 28N, SE, SWP; 29SP, N; 30-36. Portions lying outside the Cold Lake south shore proposed Provincial Park, the French Bay Recreation Area, and the Cold Lake Provincial Park.	63	1	W4	7,841
9393080537	1SE; L5NE; L12SE; 2SW, NW, L7NW, L10SW; 3; 8-17; 18N; 19; 20; 21S, NE,	63	2	W4	6,128

	L13SW, L14SE; 22; 23; 24N, SEP, SW; 25-27; 28S; 29S; 35; 36. Portions described as Cold Lake Indian Reserve No. 149.				
9393080538	1-36.	64	1	W4	9,216
9393080539	1; 2SP, NP; 11SP, NP; 12; 13; 14N, SE, SWP; 15SP, N; 16NP, SEP; 19-33; 34W, NEP, SEP; 35; 36 - Portions lying outside Indian Reserve 149B, and the English Bay Provincial Recreational Area.	64	2	W4	6,294
9393080540	1-12; 13SE, SWP, NEP; 14S, NW Portions designated as Cold Lake. 14NEP Portion(s) designated as Cold Lake and Martineau River. 15SP; 16SP, NWP; 17; 18; 19SE, SWP, NEP; 20S, NP; 21SWP	65	1	W4	
	19-25; 26S; 27-33.	66	1	W4	8,116
9393080541	1-9; 11-36.	65	2	W4	8,960
9393080542	1-36.	66	2	W4	9,216

Total Area 55,771 ha

Martineau River Property

Claims recorded by Focal Resources Limited

Claim	NTS Map Area	Description	Area (ha)
S-104759	73 K 12	Martineau River area	990
S-104758	73 K 12	Martineau River area	440

Total Area 1,430 ha

Work Performed

Exploration Strategy

The exploration program for the Cold Lake area was based on the premise that placer gold exists in the area. The goal was to determine whether or not it exists in economic quantities, and if so, the source and mechanism of concentration.

Sampling and Sample Analysis

Exploration on these properties took place in three phases. Maps 2 and 3 show the sample locations.

1. The initial sampling was done in mid-April 1995. This program consisted of sampling soil/beach sediment and gravel, and some panning. Attempts were made to sample the lake bottom sediments through the ice, but were unsuccessful. Samples were taken for geochemical analysis (sieved to <20 mesh in the field), and bulk samples (sieved to <4 mesh) were taken for further concentration in the lab. Samples 1001 - 1016, and 3001 - 3009 were collected.

This initial suite of geochemical samples were sieved to 60 mesh, and both fractions were assayed for gold. Some samples were split using a 28 mesh cutoff due to an insufficient amount of fine grained material for the assay procedure.

A heavy liquid separation was performed on the pan concentrates ($sg=2.9$), and the heavy fractions were examined under the light microscope. A couple of gold grains were identified.

The bulk samples taken at corresponding geochem sample sites were held pending the necessity of further study.

2. Sampling in mid-May consisted of lake bottom sediments, re-sampling the gravel pit, and soil sampling along highway 897. The lake sediments were sampled using a gas-powered mini-dredge to suck sediment off the bottom. The gravel pit and soil samples were taken using a standard Dutch auger soil sampler. Samples 1017 - 1093 were collected.

Lake sediments, soil samples, and gravel pit samples collected for geochemical purposes were analyzed by fire assay on the <60 mesh fraction.

Bulk samples from the gravel pit and the bottom of Cold Lake were concentrated using a shaker table and the concentrate was fire assayed.

3. The sampling in late June concentrated on sampling the bottom sediments of Cold Lake, particularly the area around the mouth of the Martineau River, and detailed re-sampling of the gravel pit. The lake sediments were taken using a Ponar Dredge (rented from Golder Associates Ltd.). This sampler enables sand/gravel and soft sediment (ooze) samples to be collected. The gravel pit was sampled using a shovel. Samples 1094 - 1184 were collected.

All of these samples were analyzed by fire assay on the whole sample.

Expenditures

The cost of the work described above is as follows. Figures are as of July 31, 1995.

Province	Alberta		Saskatchewan
	Cold Lake	Marie Lake	Martineau River
Geological/Geochemical Surveys			
Geological Studies; Sampling; Interpretation	\$15,688.82	\$29,571.26	
Staking Costs			\$6,880.92
Assaying	1,932.33	3,642.17	
Overhead	2,378.85	4,483.81	
Total	\$20,000.00	\$37,697.24	\$6,880.92
Total Expenditures by Province		\$57,697.24	\$6,880.92

Results

The raw gold assays and the corresponding values corrected to the whole sample, or the whole sample assays are reported in the attached sample information summary and the assay certificates (Appendices 1 and 2).

The excessive gold value (from the <60 mesh fraction) of 2417 ppb Au from the gravel pit could not be repeated. The gravel pit was re-sampled extensively, with subsequent values ranging up to 103 ppb Au (whole sample fire assay).

Lake sediments from Cold Lake ranged up to 897 ppb Au (re-assay 621 ppb).

Gold values in soil samples were generally low, with values on the order of 5-10 ppb, but ranging up to 107 ppb (on the <60 mesh fraction).

Conclusions

The results described above confirm the presence of gold in the Cold Lake area, however, there is no indication of the existence of a significant deposit.

The dispersion of gold in the area appears to be a random phenomenon. The gold does not appear to be associated with sands of a particular environment or energy regime, nor is there an apparent association with a particular glacial deposit.

Recommendation

It is recommended that Focal Resources not proceed with further exploration on these properties at this time.

Bibliography

Andriashek, L.D. and M.M. Fenton (1989) Quaternary Stratigraphy and Surficial Geology of the Sand River Area 73L, Alberta Research Council, Bulletin No. 57.

Program Supervision and Report Author

Michele Innes, B.Sc. (Saskatchewan, 1989), MBA (Saskatchewan, 1994).

Appendix 1 - Sample Information Summary

Property	Sample Number	Material	Type	Source	Size Fraction Sampled	Grid Location	Depth (m)	Sample Description	Analytical Technique	Subsample Au (ppb)	Whole Sample Au (ppb)	Whole Sample Au (oz/ton)
Cold Lake	1001	sand	pan conc	river bank				North shore of Martineau River; mte/gnt	insufficient sample			
Cold Lake	1002	sand	geochem	river bank	<20 mesh			loc 1001	FA <60 mesh FA >60 mesh	<5 5		
Cold Lake	1003	sand	bulk	river bank	<1/4 inch			loc 1001				
Cold Lake	1004	sand	geochem	river bank	<20 mesh			as 1005	FA <60 mesh FA >60 mesh	10 <5		
Cold Lake	1005	sand/till	bulk	river bank	<1/4 inch			rusty red sand/soil; clay/silt fraction; subrounded; 1.5m bank				
Marie Lake	1006	till	geochem	gravel pit	<20 mesh			rusty red/brown sandy till; subrounded/rounded; 65% passed 1/4 inch, <25% passed 20 mesh	FA <60 mesh FA >60 mesh	2417 5		
Marie Lake	1007	till	bulk	gravel pit				as 1006				
Cold Lake	1008	sand	pan conc	river mouth				mte/gnt				
Cold Lake	1009	sand	bulk	river mouth	<1/4 inch			Martineau estuary area, west side; low (<0.5m bank); 90% <1/4 inch, 45% <20 mesh; loc 1008 & 1010				
Cold Lake	1010	sand	geochem	river mouth				loc 1008 & 1009	FA <60 mesh FA >60 mesh	7 <5		
Cold Lake	1011	sand	geochem	lake shore	<20 mesh		0.25	bank 2m from shoreline of Cold Lake; sand with minor clay fraction; 5cm organic layer above	FA <60 mesh FA >60 mesh	<5 <5		
Cold Lake	1012	sand	bulk	beach				beach sand; north/central Cold Lake; buff				
Cold Lake	1013	sand	geochem	beach				loc 1013	FA <60 mesh FA >60 mesh	<5 <5		
Cold Lake	1014	sand	geochem	beach				buff sand with slightly more garnet than average; loc 1012	FA <60 mesh FA >60 mesh	<5 <5		
Cold Lake	1015	clay/silt	geochem	lake shore	<20 mesh			bank 1m from shore; 95% <20 mesh	FA <60 mesh FA >60 mesh	<5 13		
Cold Lake	1016	sand/organics	geochem	lake shore				ferrous spring(s); rusty red sandy ooze	FA <60 mesh FA >60 mesh	<5 16		
Marie Lake	3001	sand	geochem					fine grained sand from a tree root hole	FA <60 mesh FA >60 mesh	33 <5		
Marie Lake	3002	sand	geochem					medium - fg sand layer from lake shore "cliff face"	FA <60 mesh FA >60 mesh	24 <5		
Marie Lake	3003	sand	geochem					fine sand from road bed	FA <60 mesh FA >60 mesh	11 <5		
Marie Lake	3004	sand	geochem					beach back "dune" sand - spring	FA <28 mesh FA >28 mesh	8 <5		
Marie Lake	3005	sand	geochem					bar at mouth of Medley River - spring approx. 20m back from beach; blue grading to iron-orange	FA <28 mesh FA >28 mesh	13 <5		
Marie Lake	3006	sand	geochem					bar at mouth of Medley River				
Marie Lake	3006B	sand	bulk					bar at mouth of Medley River				
Marie Lake	3007	sand	geochem		<1/4 inch			Martineau River sediment	FA <60 mesh FA >60 mesh	12 <5		

Property	Sample Number	Material	Type	Source	Size Fraction Sampled	Grid Location	Depth (m)	Sample Description	Analytical Technique	Subsample Au (ppb)	Whole Sample Au (ppb)	Whole Sample Au (oz/ton)
Marie Lake	3008	sand	geochem		<1/4 inch			Martineau River sediment	FA <60 mesh FA >60 mesh	8 <5		
Marie Lake	3009	sand	geochem					sand pit on hwy 919, 33km north of the southern park boundary	FA <60 mesh FA >60 mesh	5 <5		
Marie Lake	1017	sand	dredge	lake			1.00	sluice box sample; 1m offshore at Moon Landing (North Bay) Cold Lake; some concentration of gnt & mte	FA <60mesh	7		
Marie Lake	1018	sand	dredge	lake			1.50	30 m offshore; fine grained grey sand	FA <60mesh	184		
Marie Lake	1019	sand	geochem	lake		ML 2+00E	0.50	10m offshore; grey sand	FA <60mesh	268		
Marie Lake	1020	sand	geochem	lake		ML 4+00E	0.50	15m offshore; grey sand	FA <60mesh	95		
Marie Lake	1021	sand	geochem	lake		ML 6+00E	0.50	6m offshore; grey sand with black organics	FA <60mesh	21		
Marie Lake	1022	sand	geochem	lake		ML 8+00E	0.50	10m offshore; grey sand with black organics	FA <60mesh	93		
Marie Lake	1023	sand	geochem	lake		ML 10+00E	0.50	5m offshore; grey black	FA <60mesh	75		
Marie Lake	1024	sand	geochem	lake		ML 12+00E	0.50	6m offshore; black organic rich/grey sand	FA <60mesh	29		
Marie Lake	1025	sand	geochem	lake		ML 14+00E	0.50	15m offshore; grey sand with black organics	FA <60mesh	13		
Marie Lake	1026	sand	geochem	lake		ML 16+00E	0.50	10m offshore; grey sand/black orgs; rusty orange algae(?) along the shoreline and in the water	FA <60mesh	26		
Marie Lake	1027	sand	geochem	lake		ML 18+00E	0.50	8m offshore; grey sand with black organics; surrounded by spring recharge; boulders all along shore	FA <60mesh	98		
Marie Lake	1028	till	geochem	gravel pit	<1/4 inch	GP BLO+00E/0+00S		brown till; damp; rnd/subrnd; A horizon; 80% <1/4 inch	FA <60mesh	50		
Marie Lake	1029	till	geochem	gravel pit	<1/4 inch	GP BLO+00E/0+50S	0.30	brown till; rnd/subrnd; A horizon; 80% >1/4 mesh	FA <60mesh	34		
Marie Lake	1030	till	geochem	gravel pit	<1/4 inch	GP BLO+00E/1+00S	0.40	dark brown; some organics; possibly B horizon; subrnd/rnd; 80% > 1/4 inch	FA <60mesh	23		
Marie Lake	1031	till	geochem	gravel pit	<1/4 inch	GP L1+00S/0+52E	0.35	coarse/sandy brown till; dry; taken from small pit 1m deeper than the rest of the pit floor; rnd/subrnd; 80% > 1/4 inch	FA <60mesh	16		
Marie Lake	1032	sand	geochem	gravel pit	<1/4 inch	GP L0+98S/1+12E	0.50	v fg buff sand; out of pit towards Medley River; 3cm org layer; some rusty spots in A horizon; no pebbles; well sorted beach/fluvial sand; 90%+ < 1/4 inch	FA <60mesh	15		
Marie Lake	1033	till	bulk	gravel pit	<1/4 inch	GP L1+05S/0+25E		rusty brn sandy till; med-fg; 65-70% < 1/4 inch	Shaker Table and FA		2	
Marie Lake	1034	sand	geochem	gravel pit	<1/4 inch	GP L0+50S/1+00E	0.40	fg sand; brown; damp; 2cm org layer; in bush SE of pit; 80% < 1/4 inch	FA <60mesh	6		
Marie Lake	1035	sand	geochem	gravel pit	<1/4 inch	GP L0+50S/0+50E	0.40	dark brn silty sand; top of bulldozed pile; high orgs - likely A horizon; 2 cm+ scale pebbles; 80% < 1/4 inch	FA <60mesh	12		

Property	Sample Number	Material	Type	Source	Size Fraction Sampled	Grid Location	Depth (m)	Sample Description	Analytical Technique	Subsample Au (ppb)	Whole Sample Au (ppb)	Whole Sample Au (oz/ton)
Marie Lake	1036	sand	geochem	gravel pit	<1/4 inch	GP L0+00S/1+00E	0.30	dark brn silty sand; some rnd pebbles; slightly coarser than #1035; in bush SE of pit; 80% < 1/4 inch	FA <60mesh	11		
Marie Lake	1037	sand	geochem	gravel pit	<1/4 inch	GP L0+00S/0+50E		organics/dark brn silty sand; some coarse material; 80%+ < 1/4 inch	FA <60mesh	<5		
Marie Lake	1038	sand	geochem	gravel pit	<1/4 inch	GP L0+50S/1+50E	0.35	clay/silt rich sand; relatively uniform; 75% < 1/4 inch	FA <60mesh	54		
Marie Lake	1039	sand	geochem	gravel pit	<1/4 inch	GP L0+50S/2+00E	0.35	dark brn silty sand; relatively coarse; flat, mixed forest; 80%+ < 1/4 inch	FA <60mesh	17		
Marie Lake	1040	sand	geochem	gravel pit	<1/4 inch	GP L0+50S/2+50E	0.30	fg brn sand with some silt; small frags angular, larger pebbles rnd/subrnd; 90% < 1/4 inch	FA <60mesh	13		
Marie Lake	1041	sand	geochem	gravel pit	<1/4 inch	GP L0+50S/3+00E	0.50	fg buff/brn sand; no pebbles; SE slope to river; 100% < 1/4 inch	FA <60mesh	14		
Marie Lake	1042	clay	geochem	gravel pit	<1/4 inch	GP L0+50S/3+50E		black clay near river; flat	FA <60mesh	30		
Marie Lake	1043	sand	geochem	gravel pit	<1/4 inch	GP L0+50S/3+75E	0.55	clayey sand grading to grey/buff sand with depth; no pebbles	FA <60mesh	31		
Marie Lake	1044	till	geochem	gravel pit	<1/4 inch			geochem from bulk #1033	FA <60mesh	30		
Marie Lake	1045	sand	geochem					bank of Medley River; clayey sand; brn/blk; ground frozen; domestic debris litters the open area on top of slope	FA <60mesh	17		
Marie Lake	1046	sand	geochem				0.30	open area (shooting range); surface littered with debris; dry sand	FA <60mesh	25		
	1047	sand	geochem	old mine site			0.35	v coarse sand/gravel; dry	FA <60mesh	28		
Cold Lake	1048	clay	geochem (auger)			RD 1.7 km SW	0.20	brn clay with pebbles; near pond; not sieved	FA <60mesh	77		
Cold Lake	1049	clay	geochem (auger)			RD 3 km SW		brn clay with pebbles; near pond	FA <60mesh	36		
Cold Lake	1050	clay	geochem (auger)			RD 3.8 km SW	0.30	brn clay; few pebbles; sandy micaceous lense; near small pond	FA <60mesh	11		
Cold Lake	1051	clay	geochem (auger)			RD 4.4 km SW	0.28	brn sandy clay; near small pond	FA <60mesh	12		
Cold Lake	1052	clay	geochem (auger)			RD 5.4 km SW	0.35	brn/buff sandy clay	FA <60mesh	41		
Cold Lake	1053	clay	geochem (auger)			RD 6.3 km SW	0.38	off cutline that crosses the road; silty clay becoming more clay rich with depth	FA <60mesh	<5		
Cold Lake	1054	silt	geochem (auger)			RD 7.5 km SW	0.30	sandy silt grading to clay with depth; grey/grn/brn with rusty patches	FA <60mesh	7		
Cold Lake	1055	silt	geochem (auger)			RD 8.5 km SW	0.35	top of a palaeo channel; brn/buff silt grading to clay with depth	FA <60mesh	<5		
Cold Lake	1056	clay	geochem (auger)			RD 9.5 km SW	0.30	brn silty clay	FA <60mesh	<5		
Cold Lake	1057	clay	geochem (auger)			RD 10.5 km SW	0.25	brn silty clay	FA <60mesh	10		
Marie Lake	1058	sand	geochem (auger)			RD 11.5 km SW	0.27	brn silty sand; near top of slight topo high sloping towards road; vege mainly poplar	FA <60mesh	9		

Property	Sample Number	Material	Type	Source	Size Fraction Sampled	Grid Location	Depth (m)	Sample Description	Analytical Technique	Subsample Au (ppb)	Whole Sample Au (ppb)	Whole Sample Au (oz/ton)
Marie Lake	1059	sand	geochem (auger)			RD 12.1 km SW	0.40	silty sand; wet/frozen; river bank; fairly steep slope to river; river in this area is swampy/low lying	FA <60mesh	<5		
Marie Lake	1060	sand	geochem (auger)			RD 12.1 km SW		dry sand on top of ridge; upslope from #1059	FA <60mesh	<5		
Marie Lake	1061	sand	geochem (auger)				0.25	delta area; coarse brn sand; east side of road in from the hwy	FA <60mesh	8		
Marie Lake	1062	sand	geochem (auger)					clayey sand; west side of road off hwy	FA <60mesh	10		
Marie Lake	1063	sand	geochem (auger)				0.55	coarse brown sand with pebbles; east side of road	FA <60mesh	51		
Marie Lake	1064	sand	geochem (auger)				0.35	coarse brn sand with pebbles; west side of road	FA <60mesh	30		
Marie Lake	1065	clay	geochem (auger)				0.25	brown clay with minor pebbles; slope to river/swamp at end of trail to gas well	FA <60mesh	77		
Marie Lake	1066	clay	geochem (auger)				0.35	clay/silt; slope on road to swamp	FA <60mesh	107		
Marie Lake	1067	sand	geochem (auger)				0.35	black organic rich sand on Medley River shore	FA <60mesh	36		
Marie Lake	1068	sand	dredge	lake			1.83	estuary area; blk/grey sand; hardly any pebbles	FA <60mesh	8		
Marie Lake	1069	sand	dredge	lake				west side of estuary area; grey sand; several large well rnd pebbles; small gastropods and bivalves (mm scale); 084 to sharp point on Murray Island	FA <60mesh	18		
Marie Lake	1070	sand	dredge	lake				loc 1069; sluice box; grey and with concentration of garnets	FA <60mesh	7		
Marie Lake	1071	sand	dredge	lake				estuary area; Leroy's site 1; concentrated sample from sluice box; grey sand with gnt and mte	FA <60mesh	132		
Marie Lake	1072	sand	pan conc	lake				from #1071	FA <60mesh	12		
Marie Lake	1073	sand	bulk	lake				loc 1070 and 1071; whole (unsieved) sample	Shaker Table and FA		7	
Cold Lake	1074	sand	bulk	river				upstream from estuary; bar in centre of river; 60% < 1/4 inch; subrnd/subang pebbles	Shaker Table and FA		13	
Cold Lake	1075	sand	geochem	river				sand from bank slightly upstream of estuary; coarse organic rich sand	FA <60mesh	10		
Marie Lake	1076	sand	bulk	lake			1.00	Leroy's site 2; 5m offshore; med/fg sand; qtz and blk orgs; v few cm scale pebbles	Shaker Table and FA		4	
Marie Lake	1077	sand	bulk	lake	< 1/4 inch			off shallows in North Bay of Cold Lake (east side) where bar drops off suddenly/sharply; grey sand with black heavies	Shaker Table and FA		3	
Marie Lake	1078	sand	geochem	lake	< 1/4 inch			loc 1077	FA <60mesh	14		

Property	Sample Number	Material	Type	Source	Size Fraction Sampled	Grid Location	Depth (m)	Sample Description	Analytical Technique	Subsample Au (ppb)	Whole Sample Au (ppb)	Whole Sample Au (oz/ton)
Marie Lake	1079	sand	bulk	lake			0.75	Leroy's Site 3; 10m from shore; grey sand; hardly any pebbles; not sieved	Shaker Table and FA		7	
Marie Lake	1080	sand	geochem	lake					FA <60mesh	7		
Marie Lake	1081	sand	bulk	lake				North of Medley River; coarse grained sand with little fines; abundant pink/purple garnets	Shaker Table and FA		2	
Marie Lake	1082	sand	geochem	lake			1.68	coarse grained grey/clear qtz sand; no pebbles; 25m from shore	FA <60mesh	<5		
Marie Lake	1083	sand	geochem	lake				grey sand; a few pebbles	FA <60mesh	13		
Marie Lake	1084	sand	geochem	lake				bouldery shoreline; well rnd; 20% < 1/4 inch	Shaker Table and FA		1	
Marie Lake	1085	clay	geochem	lake				clay from loc 1084	FA <60mesh	9		
Cold Lake	1086	sand	geochem	river bank		Martineau Profile	0.55	off trail - flat top of river bank; v fg buff sand grading to brown with depth	FA <60mesh	8		
Cold Lake	1087	clay	geochem	river bank		Martineau Profile	0.48	brn/grn sandy clay; down ridge as steep slope starts down to river	FA <60mesh	7		
Cold Lake	1088	sand	geochem	river bank		Martineau Profile	0.35	brn clayey fg sand; midway down steep slope at exposed bank	FA <60mesh	15		
Cold Lake	1089	sand	geochem	river bank		Martineau Profile	0.40	flat nearshore; clayey sand; brn/grn	FA <60mesh	<5		
Cold Lake	1090	sand	geochem	river bank		Martineau Profile	0.40	east side of river (point bar); blk/brn sand with clay and abundant orgs	FA <60mesh	<5		
Cold Lake	1091	sand	geochem	river bank		Martineau Profile	0.30	25m N of river; blk org rich v fg sand/silt/clay	FA <60mesh	<5		
Cold Lake	1092	sand	geochem	river bank		Martineau Profile	0.40	50m N of river; tan/buff v fg sand with silt	FA <60mesh	10		
Cold Lake	1093	sand	geochem	river bank		Martineau Profile	0.30	buff silty sand; 2 topo highs feeding a lower moist area	FA <60mesh	7		
Marie Lake	1094	sand	ponar	lake	whole	Estuary area	1.00	med grained blk/grey sand	FA		34	0.001
Marie Lake	1095	sand	ponar	lake	whole	Estuary area	1.00	med grained blk/grey sand	FA		103	0.003
Marie Lake	1096	sand	ponar	lake	whole		1.00	med grained blk/grey sand	FA		69	0.002
Marie Lake	1097	sand	ponar	lake	whole		1.00	med grained grey/brn/blk	FA		138	0.004
Marie Lake	1098	sand	ponar	lake	whole		1.00	med grained grey/brn/blk	FA		<34	<0.001
Marie Lake	1099	sand/clay	ponar	lake	whole		1.00	fine grained sand with clay and organics	FA		34	0.001
Marie Lake	1100	sand/clay	ponar	lake	whole		1.00	fine grained sand with clay and organics	FA		69	0.002
Marie Lake	1101	sand/clay	ponar	lake	whole		1.00	fine grained sand with clay and organics	FA		103	0.003
Marie Lake	1102	clay/sand	ponar	lake	whole		2.75	clay/silt/sand; almost an organic ooze	FA		69	0.002
Marie Lake	1103	organic ooze	ponar	lake	whole		4.00	organic ooze with large organic detrital matter	FA		69	0.002
Marie Lake	1104	organic ooze	ponar	lake	whole		1.50	organic ooze	FA		69	0.002
Marie Lake	1105	sand	ponar	lake	whole		1.00	med grained grey/blk sand	FA		69	0.002
Marie Lake	1106	organic	ponar	lake	whole		2.50	black organics with some grit	FA		103	0.003
Marie Lake	1107	organic	ponar	lake	whole		1.00	organics with some sand/gravel; shell debris; fish spawning area	FA		34	0.001
Marie Lake	1108	sand	shovel	gravel pit	whole		0.50-0.75	med-coarse glauvifluvial sand (brn/buff); rounded pebbles	FA		69	0.002
Marie Lake	1109	sand	shovel	gravel pit	whole		0.50-0.75	med-coarse glauvifluvial sand (brn/buff); rounded pebbles	FA		34	0.001

Property	Sample Number	Material	Type	Source	Size Fraction Sampled	Grid Location	Depth (m)	Sample Description	Analytical Technique	Subsample Au (ppb)	Whole Sample Au (ppb)	Whole Sample Au (oz/ton)
Marie Lake	1110	sand	shovel	gravel pit	whole		0.50-0.75	med-coarse glaciofluvial sand (brn/buff); rounded pebbles	FA		<34	0.001
Marie Lake	1111	sand	shovel	gravel pit	whole		0.50-0.75	med-coarse glaciofluvial sand (brn/buff); rounded pebbles	FA		34	0.001
Marie Lake	1112	sand	shovel	gravel pit	whole		0.50-0.75	med-coarse glaciofluvial sand (brn/buff); rounded pebbles	FA		69	0.002
Marie Lake	1113	sand	shovel	gravel pit	whole		0.50-0.75	med-coarse glaciofluvial sand (brn/buff); rounded pebbles	FA		34	0.001
Marie Lake	1114	sand	shovel	gravel pit	whole		0.50-0.75	med-coarse glaciofluvial sand (brn/buff); rounded pebbles	FA		34	0.001
Marie Lake	1115	sand	shovel	gravel pit	whole		0.50-0.75	med-coarse glaciofluvial sand (brn/buff); rounded pebbles	FA		<34	<0.001
Marie Lake	1116	sand	shovel	gravel pit	whole		0.50-0.75	med-coarse glaciofluvial sand (brn/buff); rounded pebbles	FA		34	0.001
Marie Lake	1117	sand	shovel	gravel pit	whole		0.50-0.75	med-coarse glaciofluvial sand (brn/buff); rounded pebbles	FA		<34	<0.001
Marie Lake	1118	sand	shovel	gravel pit	whole		0.50-0.75	med-coarse glaciofluvial sand (brn/buff); rounded pebbles	FA		103	0.003
Marie Lake	1119	sand	shovel	gravel pit	whole		0.50-0.75	med-coarse glaciofluvial sand (brn/buff); rounded pebbles	FA		69	0.002
Marie Lake	1120	sand	shovel	gravel pit	whole		0.50-0.75	med-coarse glaciofluvial sand (brn/buff); rounded pebbles	FA		34	0.001
Marie Lake	1121	sand	shovel	gravel pit	whole		0.50-0.75	med-coarse glaciofluvial sand (brn/buff); rounded pebbles	FA		<34	<0.001
Marie Lake	1122	sand	shovel	gravel pit	whole		0.50-0.75	med-coarse glaciofluvial sand (brn/buff); rounded pebbles	FA		34	0.001
Marie Lake	1123	sand	shovel	gravel pit	whole		0.50-0.75	med-coarse glaciofluvial sand (brn/buff); rounded pebbles	FA		<34	<0.001
Marie Lake	1124	sand	shovel	gravel pit	whole		0.50-0.75	med-coarse glaciofluvial sand (brn/buff); rounded pebbles	FA		69	0.002
Marie Lake	1125	sand	shovel	gravel pit	whole		0.50-0.75	med-coarse glaciofluvial sand (brn/buff); rounded pebbles	FA		<34	<0.001
Marie Lake	1126	sand	shovel	gravel pit	whole		0.50-0.75	med-coarse glaciofluvial sand (brn/buff); rounded pebbles	FA		69	0.002
Marie Lake	1127	sand	shovel	gravel pit	whole		0.50-0.75	med-coarse glaciofluvial sand (brn/buff); rounded pebbles	FA		34	0.001
Marie Lake	1128	sand	shovel	gravel pit	whole		0.50-0.75	med-coarse glaciofluvial sand (brn/buff); rounded pebbles	FA		<34	<0.001
Marie Lake	1129	sand	shovel	gravel pit	whole		0.50-0.75	med-coarse glaciofluvial sand (brn/buff); rounded pebbles	FA		<34	<0.001
Marie Lake	1130	sand	shovel	gravel pit	whole		0.50-0.75	med-coarse glaciofluvial sand (brn/buff); rounded pebbles	FA		<34	<0.001
Marie Lake	1131	sand	shovel	gravel pit	whole		0.50-0.75	med-coarse glaciofluvial sand (brn/buff); rounded pebbles	FA		34	0.001
Marie Lake	1132	sand	ponar	lake	whole		2.50	grey sand with some organics; 25-50m offshore	FA		34	0.001
Marie Lake	1133	sand	ponar	lake	whole		2.50	grey/green sand with some organics	FA		69	0.002

Property	Sample Number	Material	Type	Source	Size Fraction Sampled	Grid Location	Depth (m)	Sample Description	Analytical Technique	Subsample Au (ppb)	Whole Sample Au (ppb)	Whole Sample Au (oz/ton)
Marie Lake	1134	sand	ponar	lake	whole		2.50	grey/green sand with some organics; med-coarse	FA		<34	0.001
Marie Lake	1135	sand	ponar	lake	whole		2.50	grey/green qtz sand	FA		34	0.001
Marie Lake	1136	sand	ponar	lake	whole		2.50	grey/green qtz sand	FA		34	0.001
Marie Lake	1137	sand	ponar	lake	whole		4.00	med grey/blk sand; some organics; 100m from shore	FA		69	0.002
Marie Lake	1138	sand	ponar	lake	whole		6.00	med grained grey sand some blk organics; 250m from shore	FA		897	0.026
	1138							re-assay	FA		621	0.018
Marie Lake	1139	organic ooze	ponar	lake	whole		15.00	blk organic ooze	FA		34	0.001
Marie Lake	1140	organic ooze	ponar	lake	whole		7.00	blk organic ooze	FA		69	0.002
Marie Lake	1141	sand	ponar	lake	whole		1.50	fine grained grey sand; lots of plant matter	FA		34	0.001
Marie Lake	1142	sand	ponar	lake	whole		1.50	very fine sand; some blk organic ooze; lots of duck weed	FA		103	0.003
Marie Lake	1143	sand	ponar	lake	whole		1.50	very fine sand; some blk organic ooze; lots of duck weed	FA		69	0.002
Marie Lake	1144	sand	ponar	lake	whole		1.00	fine grained grey sand	FA		34	0.001
Marie Lake	1145	sand	ponar	lake	whole		1.00	fine grained grey sand	FA		69	0.002
Marie Lake	1146	sand	ponar	lake	whole		1.00	fine grained grey sand	FA		69	0.002
Marie Lake	1147	sand	ponar	lake	whole		0.75	fine grained grey sand	FA		103	0.003
Marie Lake	1148	sand	ponar	lake	whole		0.75	fine grained grey sand	FA		34	0.001
Marie Lake	1149	sand	ponar	lake	whole		1.00	fine grained grey sand	FA		69	0.002
Marie Lake	1150	sand	ponar	lake	whole		1.50	fine grained grey sand	FA		34	0.001
Marie Lake	1151	sand	ponar	lake	whole		1.00	fine grained grey/dark grey sand	FA		69	0.002
Marie Lake	1152	sand	ponar	lake	whole			fine-med grained grey sand; some blk organics; fairly rocky bottom	FA		34	0.001
Marie Lake	1153	sand	ponar	lake	whole		3.75	fine grained grey sand	FA		<34	<0.001
Marie Lake	1154	sand	ponar	lake	whole		3.00	fine-med grained grey/buff sand	FA		<34	<0.001
Marie Lake	1155	sand	ponar	lake	whole		3.50	fine-med grained grey/buff sand	FA		<34	<0.001
Marie Lake	1156	sand	ponar	lake	whole		3.00	fg brn/buff sand; blk organic chunks and weeds	FA		<34	<0.001
Marie Lake	1157	sand	ponar	lake	whole		3.00	grey sand with blk organic ooze and duck weed	FA		34	0.001
Marie Lake	1158	organic ooze	ponar	lake	whole		5.00	blk organic ooze; 200m from shore	FA		<34	<0.001
Marie Lake	1159	sand	ponar	lake	whole		4.00	fg grey/buff sand; duck weed; 300m from shore	FA		<34	<0.001
Marie Lake	1160	sand	ponar	lake	whole		3.50	fg buff sand; duck weed; moderate amt of cm scale pebbles; 400m from shore	FA		34	0.001
Marie Lake	1161	sand/gravel	ponar	lake	whole		3.75	sandy gravel; 500m offshore	FA		<34	<0.001
Marie Lake	1162	sand/gravel	ponar	lake	whole		3.00	sandy gravel; 100m offshore	FA		<34	<0.001
Marie Lake	1163	clay	ponar	lake	whole		8.00	sandy clay; 200m	FA		103	0.003
Marie Lake	1164	organic ooze	ponar	lake	whole		9.00	sandy organic muck; 300m	FA		138	0.004
Marie Lake	1165	clay	ponar	lake	whole		12.00	sandy clay and organic mud; 400m	FA		172	0.005
Marie Lake	1166	clay	ponar	lake	whole		12.00	sandy clay and blk nodules; 500m	FA		103	0.003
Marie Lake	1167	sand	ponar	lake	whole		3.50	coarse sand; 100m	FA		69	0.002
Marie Lake	1168	sand/clay	ponar	lake	whole		10.00	clay, sand, nodules; 200m	FA		34	0.001

Property	Sample Number	Material	Type	Source	Size Fraction Sampled	Grid Location	Depth (m)	Sample Description	Analytical Technique	Subsample Au (ppb)	Whole Sample Au (ppb)	Whole Sample Au (oz/ton)
Marie Lake	1169	sand	ponar	lake	whole		12.00	sand with nodules; 300m	FA		69	0.002
Marie Lake	1170	clay	ponar	lake	whole		13.00	grey clay and sand; 400m	FA		34	0.001
Marie Lake	1171	sand	ponar	lake	whole		17.00	sand and blk nodules; 500m	FA		<34	<0.001
Marie Lake	1172	sand	ponar	lake	whole		3.75	fg grey sand; minor organics	FA		103	0.003
Marie Lake	1173	sand	ponar	lake	whole		3.50	fg grey sand; minor blk organics	FA		34	0.001
Marie Lake	1174	sand	ponar	lake	whole		3.00	fg grey sand; hardly any organics	FA			<0.001
Marie Lake	1175	sand	ponar	lake	whole		2.50	fg grey sand; hardly any organics	FA		103	0.003
Marie Lake	1176	sand	ponar	lake	whole		2.50	coarse grey/buff sand; almost no organic component	FA		34	0.001
Marie Lake	1177	sand	ponar	lake	whole		3.00	med-coarse grey sand	FA		<34	<0.001
Marie Lake	1178	sand	ponar	lake	whole		2.50	med-coarse grey sand	FA		<34	<0.001
Marie Lake	1179	sand	ponar	lake	whole		3.00	med-coarse grey sand	FA		34	0.001
Marie Lake	1180	sand	ponar	lake	whole		4.50	coarse sand and gravel	FA		69	0.002
Marie Lake	1181	gravel	ponar	lake	whole		15.50	gravel and nodular agglomerations with grey clay	FA		<34	<0.001
Marie Lake	1182	sand	ponar	lake	whole		18.50	sand with clay and small loose nodules, some cm scale nodules	FA		<34	<0.001
Marie Lake	1183	sand	ponar	lake	whole		18.00	sand with clay and small loose nodules, some cm scale nodules	FA		<34	<0.001
Marie Lake	1184	sand	ponar	lake	whole		8.00	med grained sand with clay	FA		<34	<0.001

Appendix 2 - Assay Certificates

To: FOCAL RESOURCES.

File No. 37310

640, 910 - 7th Avenue S.W.,

Date April 25, 1995

Calgary, Alberta T2P 3N8

Samples _____



ATTN: Les Smith/Eric Allen

Certificate of Assay LORING LABORATORIES LTD.

Page # 1

SAMPLE NO.

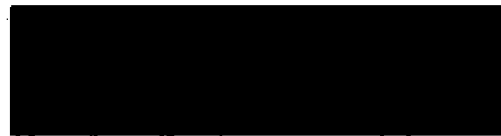
PPB
GOLD

"Assay Analysis"

3001 -60M	33
3002 -60	24
3003 -60	11
3004 -60	8
3005 -28	13
3007 -60	12
3008 -60	8
3009 -60	5
1002 -60	<5
1004 -60	10
1006 -60	2417
1010 -60	7
1011 -60	<5
1013 -60	<5
1014 -60	<5
1015 -60	<5
1016 -60	5
3001 +60	<5
3002 +60	<5
3003 +60	<5

I Hereby Certify that the above results are those assays made by me upon the herein described samples....

Samples retained one month.
Residues retained one month
unless specific arrangements
are made in advance.



Assayer

To: FOCAL RESOURCES,

640, 910 - 7th Avenue S.W.,

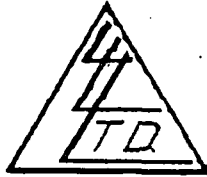
Calgary, Alberta T2P 3N8

ATTN: Les Smith/Eric Allen

File No. 37310

Date April 25, 1995

Samples _____



Certificate of Assay LORING LABORATORIES LTD.

Page # 2

SAMPLE NO.

PPB
GOLD

3004 +28M	<5
3005 +28	<5
3007 +60	<5
3008 +60	<5
3009 +60	<5
1002 +60	5
1004 +60	<5
1006 +60	5
1010 +60	<5
1011 +60	<5
1013 +60	<5
1014 +60	<5
1015 +60	13
1016 +60	16

I Hereby Certify that the above results are those
assays made by me upon the herein described samples....

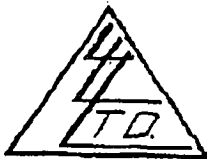
Objects retained one month.
Pulps retained one month
unless specific arrangements
are made in advance.

Assayed

3011	+100	2.9 S.G. Flt.	75.33 g
		2.9 S.G. Snk.	83.61 g
1008	+100	2.9 S.G. Flt.	6.04 g
		2.9 S.G. Snk.	19.36 g
3006	+100	2.9 S.G. Flt.	37.40 g
		2.9 S.G. Snk.	102.93 g
3011	-100	2.9 S.G. Flt.	.363 g
		2.9 S.G. Snk.	.70 g
1008	-100	2.9 S.G. Flt.	2.38 g
		2.9 S.G. Snk.	2.41 g
3006	-100	2.9 S.G. Flt.	.57 g
		2.9 S.G. Snk.	1.35 g

To: FOCAL RESOURCES,
640, 910 - 7th Avenue S.W.,
Calgary Alberta T2P 3N8
ATTN: Eric Allen

File No. 37384
Date May 26, 1995
Samples



Certificate of Assay LORING LABORATORIES LTD.

Page # 1

SAMPLE NO.

PPB
GOLD

Geochemical Analysis

1017	7
1018	184
1019	268
1020	95
1021	21
1022	93
1023	75
1024	29
1025	13
1026	26
1027	98
1028	50
1029	34
1030	23
1031	16
1032	15
1034	6
1035	12
1036	11
1037	<5

I Hereby Certify that the above results are those assays made by me upon the herein described samples....

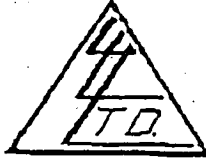


[Signature]
Assayer

Rejects retained one month.
Pulps retained one month
unless specific arrangements
are made in advance.

To: FOCAL RESOURCES
640, 910 - 7th Avenue S.W.,
Calgary Alberta T2P 3N8
ATTN: Eric Allen

File No. 37384
Date May 26, 1995
Samples




Certificate of Assay LORING LABORATORIES LTD.

Page # 2

SAMPLE NO.	PPB GOLD
1038	54
1039	17
1040	13
1041	14
1042	30
1043	31
1044	30
1045	17
1046	25
1047	28
1048	77
1049	36
1050	11
1051	12
1052	41
1053	<5
1054	7
1055	<5
1056	<5
1057	10
1058	9
1059	<5

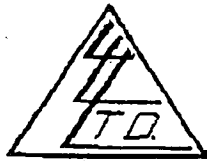
I Hereby Certify that the above results are those assays made by me upon the herein described samples....

Rejects retained one month.
Pulps retained one month
unless specific arrangements
are made in advance.



Assayer

To: FOCAL RESOURCES,
640, 910 - 7th Avenue S.W.,
Calgary, Alberta T2P 3N8
ATTN: Eric Allen



File No. 37384
Date May 26, 1995
Samples _____

Certificate of Assay LORING LABORATORIES LTD.

Page # 3

SAMPLE NO.

PPB
GOLD

1060	<5
1061	8
1062	10
1063	51
1064	30
1065	77
1066	107
1067	36
1068	8
1069	18
1070	7
1071	132
1072	12
1075	10
1078	14
1080	7
1082	<5
1083	13
1085	9
1086	8
1087	7
1088	15

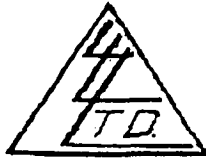
I Hereby Certify that the above results are those assays made by me upon the herein described samples....

Rejects retained one month.
Assays retained one month
unless specific arrangements
are made in advance.

Assayer

To: FOCAL RESOURCES.
640, 910 - 7th Avenue S.W.
Calgary Alberta T2P 3N8
ATTN: Eric Allen

File No. 37384
Date May 26, 1995
Samples _____



Certificate of Assay LORING LABORATORIES LTD.

Page # 4

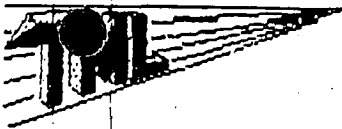
SAMPLE NO.	PPB GOLD
1089	<5
1090	<5
1091	<5
1092	10
1093	7

I Hereby Certify that the above results are those
assays made by me upon the herein described samples....

Rejects retained one month.
Pulps retained one month
unless specific arrangements
are made in advance.


Assayer

TOTAL P.04



TERRAMIN RESEARCH LABS Ltd.

Job No. 95-063

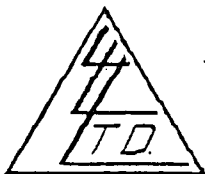
Client: Focal Resources

Sample Number	Conc Weight	Tails Weight	Total Weight	Conc			Tails		
				Au ppb	Au ppb	Total Au ppb	Ag ppm	Ag ppm	Total Ag ppm
1033 +20			2775						
1033 -20+35	24.25	3340	3364	6	2	2	1.70	0.03	0.04
1033 -35+60	24.19	5420	3444	4	2	2	0.06	0.06	0.06
1033 -60	24.63	5725	5750	91	2	2	0.12	0.04	0.04
1073 +20			900						
1073 -20+35	15.82	2490	2506	13	8	8	0.02	0.04	0.04
1073 -35+60	30.38	5370	5400	41	4	4	0.03	0.05	0.05
1073 -60	70.54	4990	5061	77	10	11	0.19	0.05	0.05
1074 +20			1575						
1074 -20+35	28.36	1115	1143	9	4	4	0.04	0.04	0.04
1074 -35+60	35.92	1970	2006	4	16	16	0.05	0.07	0.07
1074 -60	25.94	790	816	1396	2	46	0.09	0.01	0.01
1076 +20			1175						
1076 -20+35	20.43	4270	4290	2	2	2	0.02	0.02	0.02
1076 -35+60	12.58	2620	2633	12	2	2	0.02	0.02	0.02
1076 -60	10.39	880	890	1039	12	24	0.17	0.05	0.05
1077 +20			2.85						
1077 -20+35	26.99	0	27	2	0	2	0.02	0.00	0.02
1077 -35+60	25.00	3850	3875	2	4	4	0.02	0.01	0.01
1077 -60	21.83	2100	2122	5	2	2	0.09	0.03	0.03
1079 +20			1100						
1079 -20+35	21.11	1950	1970	7	2	2	0.01	0.03	0.03
1079 -35+60	31.74	3490	3522	6	6	6	0.06	0.04	0.04
1079 -60	24.58	5150	5175	45	10	10	0.05	0.03	0.03
1081 +20			9050						
1081 -20+35	13.66	2560	2574	7	8	8	0.02	0.03	0.03
1081 -35+60	30.32	515	545	3	8	8	0.04	0.03	0.03
1081 -60	15.10	0	15	3	0	2	0.00	0.00	0.00
1084 +20			2590						
1084 -20+35	13.07	5140	5153	11	4	4	0.06	0.02	0.02
1084 -35+60	29.69	2470	2500	20	2	2	0.04	0.02	0.02
1084 -60	23.65	300	324	8	10	10	0.01	0.02	0.02

	CONC		TAIL		TOTAL		
	WT GM	AU PPB	WT GM	AU PPB	TOT WT	AU PPB	
1033	+20					2,775	
	-20 +35	24.3	6	3,340	2	3,364	2
	-35 +60	24.2	4	5,420	2	5,444	2
	-60	24.6	91	5,725	2	5,750	2
						17,333	1.8
1073	+20					900	
	-20 +35	15.8	13	2,490	8	2,506	8
	-35 +60	30.4	41	5,370	4	5,400	4
	-60	70.5	77	5,061	10	5,132	11
						13,938	7.1
1074	+20					1,575	
	-20 +35	28.4	9	1,115	4	1,143	4
	-35 +60	35.9	4	1,970	16	2,006	16
	-60	25.9	1,396	790	2	816	46
						5,540	13.4
1076	+20					1,175	
	-20 +35	20.4	2	4,270	2	4,290	2
	-35 +60	12.6	12	2,620	2	2,633	2
	-60	10.4	1,039	880	12	890	24
						8,988	3.9
1077	+20					2.9	
	-20 +35	27.0	2	0	0	27	2
	-35 +60	25.0	2	3,850	4	3,875	4
	-60	21.8	5	2,100	2	2,122	2
						6,027	3.3
1079	+20					1,100	
	-20 +35	21.1	7	1,950	2	1,971	2
	-35 +60	31.7	6	3,490	6	3,522	6
	-60	24.6	45	5,150	10	5,175	10
						11,767	6.6
1081	+20					9,050	
	-20 +35	13.7	7	2,560	8	2,574	8
	-35 +60	30.3	3	515	8	545	8
	-60	15.1	3	0	0	15	3
						12,184	2.0
1084	+20					2,590.0	
	-20 +35	13.1	11	5,140	0	5,153	0
	-35 +60	29.7	20	2,470	4	2,500	4
	-60	23.7	8	300	2	324	2
						10,566	1.1

To: FOCAL RESOURCES,
640, 910 - 7th Avenue S.W.,
Calgary, Alberta T2P 3N8
TN: Michele Innes

File No. 37470
Date July 11, 1995
Samples _____



Certificate of Assay LORING LABORATORIES LTD.

Page # 1

SAMPLE NO.

OZ./TON
GOLD


OZ./TON
SILVER

"Assay Analysis"

1094	0.001	<0.01
1095	0.003	<0.01
1096	0.002	<0.01
1097	0.004	<0.01
1098	<0.001	<0.01
1099	0.001	<0.01
1100	0.002	<0.01
1101	0.003	<0.01
1102	0.002	<0.01
1103	0.002	<0.01
1104	0.002	<0.01
1105	0.002	<0.01
1106	0.003	<0.01
1107	0.001	<0.01
1108	0.002	<0.01
1109	0.001	<0.01
1110	0.001	<0.01
1111	<0.001	<0.01
1112	0.002	<0.01
1113	0.001	<0.01

I-Hereby Certify that the above results are those
assays made by me upon the herein described samples....

Specimens retained one month.
Samples retained one month
unless specific arrangements
are made in advance.


Assayer

To: FOCAL RESOURCES.

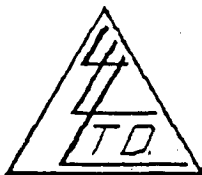
640, 910 - 7th Avenue S.W.,

Calgary, Alberta T2P 3N8

File No. 37470

Date July 11, 1995

Samples



ATTN: Michele Innes

Certificate of Assay LORING LABORATORIES LTD.

Page # 2

SAMPLE NO.

OZ./TON
GOLD

OZ./TON
SILVER

SAMPLE NO.	OZ./TON GOLD	OZ./TON SILVER
1114	0.001	<0.01
1115	<0.001	<0.01
1116	0.001	<0.01
1117	<0.001	<0.01
1118	0.003	<0.01
1119	0.002	<0.01
1120	0.001	<0.01
1121	<0.001	<0.01
1122	0.001	<0.01
1123	<0.001	<0.01
1124	0.002	<0.01
1125	<0.001	<0.01
1126	0.002	<0.01
1127	0.001	<0.01
1128	<0.001	<0.01
1129	<0.001	<0.01
1130	<0.001	<0.01
1131	0.001	<0.01
1132	0.001	<0.01
1133	0.002	<0.01
1134	<0.001	<0.01
1135	0.001	<0.01

I Hereby Certify that the above results are those assays made by me upon the herein described samples....

Samples retained one month.
Assays retained one month
unless specific arrangements
are made in advance.

[Redacted Signature]

Assayer

To: FOCAL RESOURCES,

640, 910 - 7th Avenue S.W.,

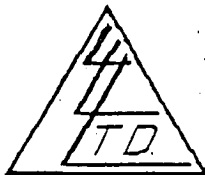
Calgary, Alberta T2P 3N8

TN: Michele Innes

File No. 37470

Date July 11, 1995

Samples



Certificate of Assay LORING LABORATORIES LTD.

Page # 3

SAMPLE NO.

OZ./TON
GOLD

OZ./TON
SILVER

SAMPLE NO.	OZ./TON GOLD	OZ./TON SILVER
1136	0.001	<0.01
1137	0.002	<0.01
1138	0.026	<0.01
1139	0.001	<0.01
1140	0.002	<0.01
1141	0.001	<0.01
1142	0.003	<0.01
1143	0.002	<0.01
1144	0.001	<0.01
1145	0.002	<0.01
1146	0.002	<0.01
1147	0.003	<0.01
1148	0.001	<0.01
1149	0.002	<0.01
1150	0.001	<0.01
1151	0.002	<0.01
1152	0.001	<0.01
1153	<0.001	<0.01
1154	<0.001	<0.01
1155	<0.001	<0.01
1156	<0.001	<0.01
1157	0.001	<0.01

I Hereby Certify that the above results are those assays made by me upon the herein described samples....

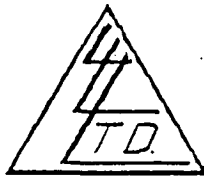
Samples retained one month.
 unless specific arrangements
 are made in advance.

[Redacted Signature]
 Assayer

To: FOCAL RESOURCES,

640, 910 - 7th Avenue S.W.,

Calgary, Alberta T2P 3N8



File No. 37470

Date July 11, 1995

Samples _____

ATTN: Michele Innes

Certificate of Assay LORING LABORATORIES LTD.

Page # 4

SAMPLE NO.	OZ./TON GOLD	OZ./TON SILVER
1158	<0.001	<0.01
1159	<0.001	<0.01
1160	0.001	<0.01
1161	<0.001	<0.01
1162	<0.001	<0.01
1163	0.003	<0.01
1164	0.004	<0.01
1165	0.005	<0.01
1166	0.003	<0.01
1167	0.002	<0.01
1168	0.001	<0.01
1169	0.002	<0.01
1170	0.001	<0.01
1171	<0.001	<0.01
1172	0.003	<0.01
1173	0.001	<0.01
1174	<0.001	<0.01
1175	0.003	<0.01
1176	0.001	<0.01
1177	<0.001	<0.01
1178	<0.001	<0.01
1179	0.001	<0.01

I Hereby Certify that the above results are those assays made by me upon the herein described samples....

Projects retained one month.
Samples retained one month
unless specific arrangements
are made in advance.

[Redacted Signature]

Assayer

To: FOCAL RESOURCES,

640, 910 - 7th Avenue S.W.,

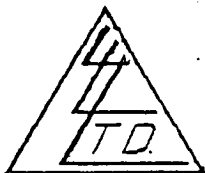
Calgary, Alberta T2P 3N8

ATTN: Michele Innes

File No. 37470

Date July 11, 1995

Samples



Certificate of Assay

LORING LABORATORIES LTD.

Page # 5

SAMPLE NO.

OZ./TON
GOLD

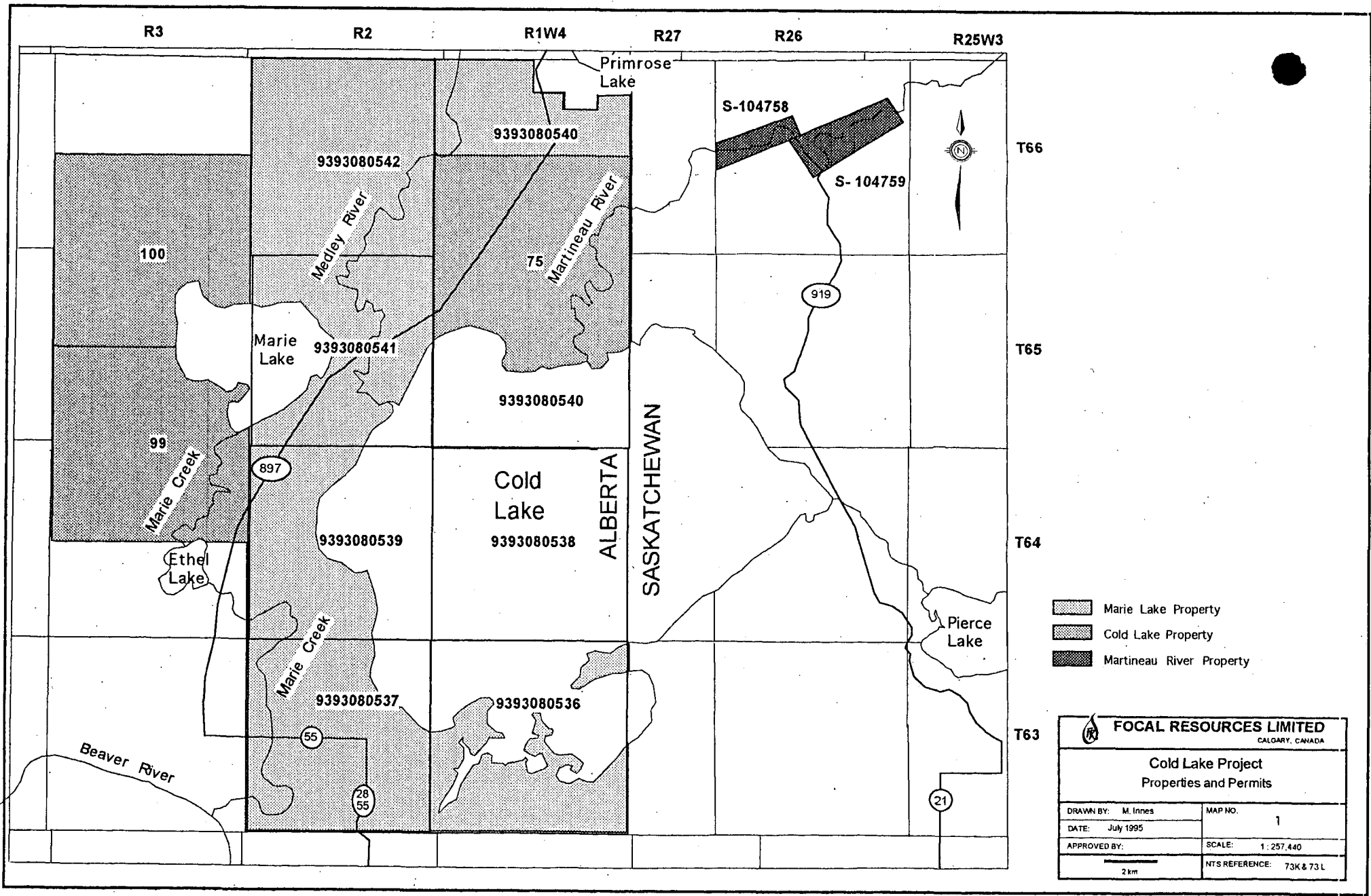
OZ./TON
SILVER




1180	0.002	<0.01
1181	<0.001	<0.01
1182	<0.001	<0.01
1183	<0.001	<0.01
1184	<0.001	<0.01
1138 Check Assay	0.018	<0.01
1139 Check Assay	0.001	<0.01



I Hereby Certify that the above results are those
assays made by me upon the herein described samples....

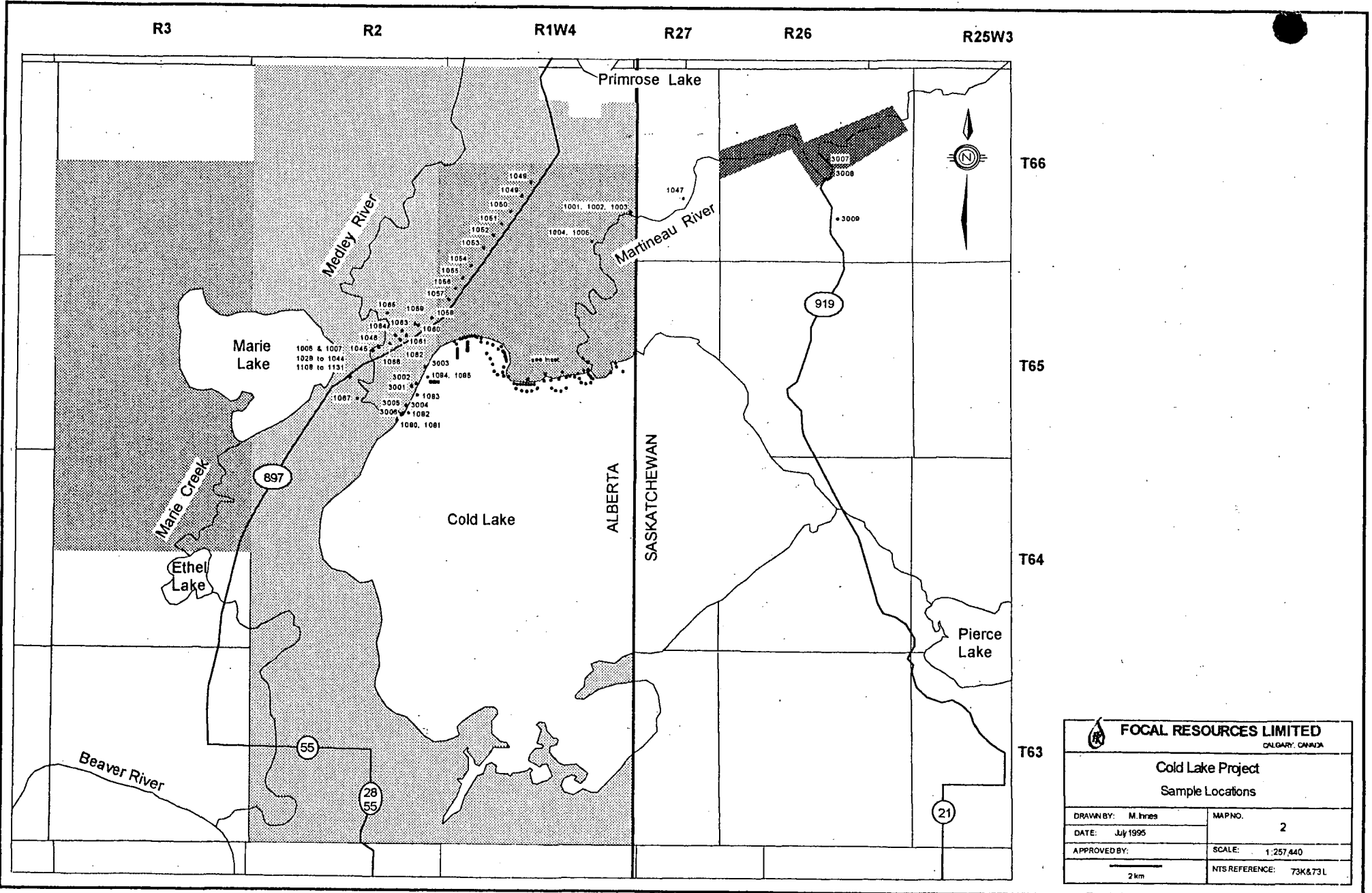
Objects retained one month.
Pulps retained one month
unless specific arrangements
are made in advance.




Assayer



-  Marie Lake Property
-  Cold Lake Property
-  Martineau River Property

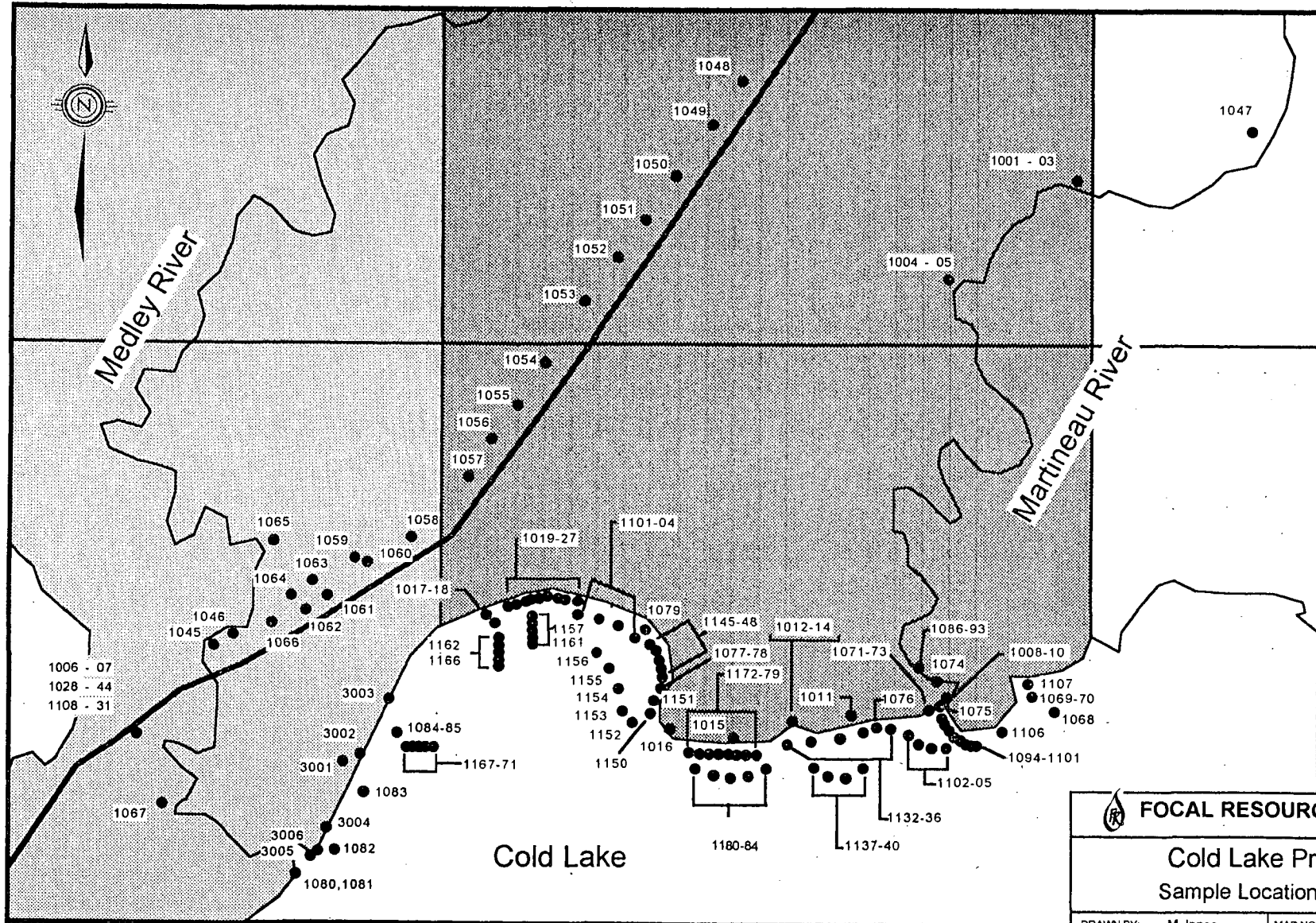
 FOCAL RESOURCES LIMITED CALGARY, CANADA	
Cold Lake Project Properties and Permits	
DRAWN BY: M. Innes	MAP NO. 1
DATE: July 1995	SCALE: 1:257,440
APPROVED BY:	NTS REFERENCE: 73K & 73 L
 2 km	



 FOCAL RESOURCES LIMITED <small>CALGARY, CANADA</small>	
Cold Lake Project Sample Locations	
<small>DRAWN BY:</small> M. Innes	<small>MAP NO.</small> 2
<small>DATE:</small> July 1995	<small>SCALE:</small> 1:257,440
<small>APPROVED BY:</small>	<small>NTS REFERENCE:</small> 73K&73L
 <small>2 km</small>	



R2

R1W4M



TP 66

TP 65

 FOCAL RESOURCES LIMITED <small>CALGARY, CANADA</small>	
Cold Lake Project Sample Locations Inset	
DRAWN BY: M. Innes	MAP NO. 3
DATE: July 1995	SCALE: 1 : 89,389
APPROVED BY:	NTS REFERENCE: 73K & 73 L
	



FOCAL RESOURCES LIMITED

SUITE 640, 910 - 7TH AVENUE S.W. • CALGARY, ALBERTA T2P 3N8 • TELEPHONE (403) 261-9770 • FAX (403) 261-9772

September 23, 1996

Alberta Energy/Mineral Resources Division
Resource Agreements
12th Floor, North Tower
Petroleum Plaza
9945 - 108th Street
Edmonton, Alberta
T5K 2G6

19950024

Attention: Mr. Brian Hudson, Manager Mineral Agreements

RE: Assessment Report - Cold Lake Property

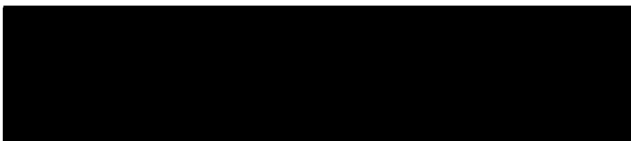
Dear Sir:

Thank you for your letter dated July 22, 1996 regarding the above referenced Assessment report. Having reviewed your comments, we find that in fact samples 1141 to 1144 should have be listed as 1101 - 1104.

Thank you for bring this to our attention and we hope this did not inconvenience you too much.

I hope this will answer your questions, but should you need additional information, please do not hesitate to contact us.

FOCAL RESOURCES LIMITED



Chris C. Abbott
President & C.E.O.

27 SEP 96 12 49
FORESTRY
& WILDLIFE
MANAGEMENT