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REPORT ON

ERI INVESTIGATION OF BEDROCK SURFACE
KETCHIKAN LAKE
LANDORE RESOURCES CANADA

Submitted to:

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1.0 INTRODUCTION

This report is to present the results of a geophysical survey carried out by Golder Associates Ltd. (Golder) at the Junior Lake Property of Landore Resources Canada Inc. (Landore). The site is located in the "VW-zone" of the Junior Lake Property and is composed of a section of the north shore of Ketchikan Lake and extends south onto the lake surface. Ketchikan Lake is located approximately 250km Northeast of Thunder Bay, Ontario (Figure 1).

1.1 Background

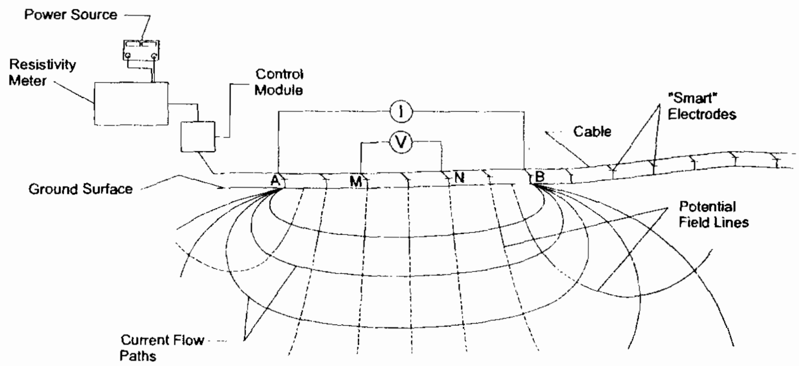
It is understood that as part of Landore's mining plan the elevation of the bedrock surface under Ketchikan Lake and along the lake's north shore is required for planning purposes. To aid in this, an electrical resistivity imaging (ERI) survey was proposed. It was expected that the lake water and overburden would have a different electrical resistivity than the underlying bedrock and that this should permit profiling of the overburden-bedrock contact with this technique. The work preformed was based on a written proposal (P81-1103) prepared by Golder for Landore. The intended purpose of the work was to profile the bedrock surface from approximately 100m onshore towards a baseline located near the center of the lake in order to provide Landore with information related to Ketchikan Lake and potential mining activity associated with the Junior Lake Property's "VW-zone" which is in the exploration and pre-feasibility phase.

There were two ERI lines collected in addition to the 6 ERI lines proposed in the work plan. One of the lines was collected perpendicular to the others to aid in correlation purposes.

2.0 METHODOLOGY

The electrical resistivity imaging (ERI) method measures the electrical resistivity (reciprocal of conductivity) of the subsurface to infer rock/soil types, stratigraphy and soil conditions. The physical principles for this technique are the same as that established for direct-current (DC) resistivity, in which the apparent resistivity of the subsurface is calculated for increasing electrode separations, by applying a current to the ground using two electrodes and measuring the potential difference (voltage) between two different electrodes. Apparent resistivity of the subsurface is calculated from the potential to current ratio multiplied by a constant. The constant is a function of the electrode spacing and geometry. The depth of investigation is a function of electrode separation, with larger electrode separations providing information from greater depths at the cost of decreased resolution.

A schematic showing the electrode configuration and current/potential field of the Wenner array, used in this survey, is shown below. For the Wenner array, the electrodes are co-linear but with the potential electrodes (M and N) spaced between the current electrodes (A and B) such that the electrode separations between any adjacent pair are the same. During a survey, a psuedo-section portraying the variation in apparent resistivity with depth is generated by both: taking measurements with increasing distance between the current and potential electrode pairs, and moving the centre point of the current and potential pairs along the array of electrodes.



"WENNER" ARRAY

The apparent resistivity (ρ_a), of the subsurface is calculated as:

$$\rho_a = 2\pi a \Delta V/I \text{ (Wenner)}$$

where: a = the electrode separation (distance between the AM, MN and NB electrodes),

ΔV = the change in recorded potential (MN) due to the applied current, and

I = the applied current (AB).

ERI differs from the traditional DC sounding techniques in that a "spread" of electrodes (typically 48, 72 or more) are staked along a survey line and connected to a resistivity meter by a cable fitted with multiple takeouts. The resistivity meter is a computer-controlled device consisting of a current supply capable of producing switched +/- constant current and a high impedance voltmeter. A software routine is loaded on to the resistivity meter and the electrodes are switched on and off as required throughout the measurement process. This equipment and procedure allows for automated collection of high-density data along the entire spread. The IRIS Syscal Switch 72-channel acquisition system was used for this investigation.

The result is a pseudo-section of apparent resistivity values versus apparent depth beneath the ERI survey line. These data are then inverted using RES2DINV to calculate a 2-dimensional resistivity model for the data set.

3.0 FIELD WORK

The field work was completed between March 4th and March 13th, 2008 by two geophysicists from Golder's Cambridge office. One geophysicist returned to Cambridge on March 7th after assisting in the program setup and preliminary modeling of the data. The field work consisted of laying out ERI system cables and recording data along lines oriented to the site grid from the north shore and extending onto the ice covered lake surface. For each line, the snow was compacted using snowshoes (onshore) and a snowmobile (offshore) on the day prior to data collection. Overnight the compacted snow hardened enough to allow field personnel to work along the line without requiring snowshoes. On the day of data collection, a measuring tape was laid along the line and an ice auger was used to cut holes in the ice at 5m intervals. Onshore, snow was shovelled away to expose the ground surface at 5m intervals and stainless steel electrodes were driven into the ground. The ERI system cables were then laid along the line and connected to the electrode with electrical wire. For the on ice portion of the survey, the electrical wires were weighted and suspended in the auger holes below the ice surface. The cables were then connected to the 72 channel acquisition system and the setup was tested before data collection began. While the data was being acquired from the initial setup the remainder of the line was prepared. Handheld GPS co-ordinates were recorded for key locations along the line and the snow along the line slated for the following day was compacted.

The survey lines were positioned as terrain allowed. In some cases, it was not feasible to start data collection 100m onshore due to the presence of an esker running roughly parallel to the north shore. In some locations the esker represented a physical barrier with slopes that were too steep to safely traverse. The composition of the esker (dry sand and gravel) is highly resistive to electrical currents and results in poor data quality.

4.0 RESULTS AND OBSERVATIONS

The results of the ERI survey are presented on Figures 2, 3, 4 and 5 and show the modeled data for ERI lines L2700 and L2900, ERI lines L3000 and L3100, ERI lines L3300 and L3500 and ERI lines L3700 and L900S, respectively. Location and elevation data for each respective ERI line are presented in Tables I through VIII. No results from drilling are available at this time. Schematic borehole logs would normally be presented on the ERI sections for correlation and verification purposes.

The modeled resistivity for all eight ERI lines is constrained to a range of 0 to 1500 Ohm-meters for comparison purposes. Water conductivity measurements collected in 2007 translate to a resistivity of approximately 150 Ohm-meters. The resistivity of the bedrock was estimated to be greater than 600 Ohm-meters, however conductive zones of bedrock (e.g. massive sulphide / shear zones) could be significantly lower and low resistivity zones do appear on all of the profiles.

The interpreted bedrock elevations presented on Figures 2 through 5 for the eight ERI lines are based on the high contrast between the resistivity of the water and overburden material and the resistivity of the bedrock as noted above. The zones of low resistivity contrast at depth mask the contact between the overburden and bedrock and the interpreted bedrock elevation in these locations is in question but has been interpreted with respect to nearby ERI lines.

With respect to the interpreted bedrock surface the following observations are made:

- On ERI line L2700 (Figure 2) there is a low resistivity contrast zone near the north end, located between the 950S and 1000S gridlines. A second low resistivity contrast zone is located between the 1150S and 1200S gridlines.

- On ERI Lines L2900 (Figure 2) and L3000 (Figure 3) the low resistivity contrast zone is between the 1000S and 1100S gridlines.

- On ERI Line L3100 (Figure 3) the low resistivity contrast zone is between the 1050S and 1150S gridlines.

- On ERI line L3300 (Figure 4) there are two low resistivity contrast zones. The first is located between the 900S and 950S gridlines and the second is located between the 1050S and 1100S gridlines.

- On ERI line L3500 (Figure 4) there are three low resistivity contrast zones. The first is located between the 700S and 800S gridlines, the second is located between the 850S and 950S gridlines and the third is located between the 1025S and 1100S gridlines.

- On ERI Line L3700 (Figure 5) there are three low resistivity contrast zones. The first two zones appear to be merging at the estimated bedrock surface and are located between the 800S and 900S gridlines. The third low resistivity contrast zone has a smaller expression at the estimated bedrock surface and is located between the 1050S and 1100S gridlines.

- On ERI line L900S (Figure 5) there are four low resistivity contrast zones. The first low resistivity contrast zone in located between the 3300E and 3400E gridlines, the second is located between the 3400E and 3500E gridlines, the third is located between the 3500E and 3550E gridlines and the fourth is located between the 3650E and 3700E gridlines.

High resistivity zones near surface at the north of ERI lines L2900 and L3100 may be due to frozen ground but the interpreted bedrock elevations approaching these locations indicate the bedrock is near surface. Bedrock outcrops were noted at the shoreline near ERI line L3100.

The low resistivity contrast zones along the interpreted bedrock surface have limited the interpretation of the ERI data in those areas. There is an overall trend in the data showing the interpreted bedrock elevation to be near surface (330m asl) at the north shore and dropping to 320m asl towards the 1000S gridline. South of the 1000S gridline the bedrock appears to drop down to 300m asl as shown on lines L2700 through L3100. For ERI line L3300 this drop off occurs closer to the 1100S gridline. The interpreted bedrock surface appears shallower in the eastern part of the lake. The interpreted bedrock elevation along ERI lines L3500, L3700 and L900S is fairly consistent at a level of 320m asl in the lake and near surface (330m asl) at the shorelines. The interpreted bedrock elevations have been contoured and are shown on Figure 6.

A comparison with the airborne anomaly map provided by Landore shows some correlation between anomalous low resistivity zones, however the correlation is not consistent.

The low resistivity contrast zones appear to trend in bands striking east-west. There appear to be distinct bands of low resistivity at the estimated bedrock surface as shown on Figure 7. The most distinct band is present on ERI lines L2700 through L3700 between the 950S to 1050S gridlines. The second band is present on ERI lines L3300 through L3700 between the 850S and 950S gridlines. The third band of low resistivity contrast is only present on ERI line L3500 and L3700 between the 700S and 800S gridlines. These bands appear connected at depth however this may be due to edge effects of the modeling process.

5.0 CONCLUSIONS AND RECOMMENDATIONS

The interpreted bedrock contour map is shown in Figure 6. The interpretation indicates shallow bedrock along the north shore and within the eastern arm of Ketchikan Lake. The bedrock appears to be deeper toward the centre of the lake.

There appears to be zones of low resistivity beneath the overburden / bedrock contact which are interpreted to trend in an east-west orientation. These zones are shown in Figure 7.

The lack of borehole information available for the area of investigation limits the correlation and verification process. It is recommended that a limited borehole investigation program be implemented in the area to provide correlation information for the ERI data. If possible the borehole investigation should include some of the locations in the low resistivity contrast zones identified on Figures 2 through 5. The interpretation could then be refined to produce a better model of the bedrock surface.

The results presented are based on an interpretation of electrical resistivity data with the underlying assumption that the overburden material will have a low electrical resistivity and that the bedrock will have a high electrical resistivity.

6.0 CLOSURE

This report was prepared for the exclusive use of Landore Resources Canada Inc. Any use which a third party makes of this report, or any reliance on, or decisions to be made based on it, are the responsibilities of such third parties. Golder accepts no responsibility for damages, if any, suffered by any third party as a result of decisions made or actions based on this report.

We trust that this report provides the information required at this time. If there are points requiring clarification or if we can be of further service, please contact the undersigned.

Yours truly,

GOLDER ASSOCIATES LTD

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TABLE I
ERI Line L2700 Location and Elevation Data
Ketchikan Lake

Cable	Node	Easting	Northing	Chainage	Bedrock Elevation	Node Elevation
Cable 1	1	435151.8	5580528.6	925	n/a	334.3
	2	435152.1	5580523.6	930	n/a	333.6
	3	435152.5	5580518.6	935	n/a	333.0
	4	435152.9	5580513.6	940	n/a	332.3
	5	435153.3	5580508.6	945	n/a	331.7
	6	435153.6	5580503.5	950	n/a	331.0
	7	435154.0	5580498.5	955	329.7	331.0
	8	435154.4	5580493.5	960	329.2	331.0
	9	435154.8	5580488.5	965	328.7	331.0
	10	435155.2	5580483.5	970	327.8	331.0
	11	435155.5	5580478.5	975	325.4	331.0
	12	435155.9	5580473.5	980	325.4	331.0
	13	435156.3	5580468.5	985	323.0	331.0
	14	435156.7	5580463.5	990	318.4	331.0
	15	435157.0	5580458.5	995	316.8	331.0
	16	435157.4	5580453.5	1000	315.3	331.0
	17	435157.8	5580448.5	1005	314.8	331.0
	18	435158.2	5580443.5	1010	314.4	331.0
Cable 2	19	435158.5	5580438.5	1015	314.6	331.0
	20	435158.9	5580433.5	1020	316.0	331.0
	21	435159.3	5580428.5	1025	317.7	331.0
	22	435159.7	5580423.5	1030	318.6	331.0
	23	435160.1	5580418.5	1035	317.2	331.0
	24	435160.4	5580413.5	1040	314.0	331.0
	25	435160.8	5580408.5	1045	307.9	331.0
	26	435161.2	5580403.5	1050	307.9	331.0
	27	435161.6	5580398.5	1055	305.6	331.0
	28	435161.9	5580393.5	1060	304.4	331.0
	29	435162.3	5580388.5	1065	303.2	331.0
	30	435162.7	5580383.5	1070	302.6	331.0
	31	435163.1	5580378.5	1075	302.2	331.0
	32	435163.4	5580373.5	1080	301.9	331.0
	33	435163.8	5580368.5	1085	301.9	331.0
	34	435164.2	5580363.5	1090	301.9	331.0
	35	435164.6	5580358.4	1095	301.9	331.0
	36	435164.9	5580353.4	1100	301.9	331.0

Cable	Node	Easting	Northing	Chainage	Bedrock Elevation	Node Elevation
Cable 3	37	435165.3	5580348.4	1105	301.9	331.0
	38	435165.7	5580343.4	1110	302.0	331.0
	39	435166.1	5580338.4	1115	302.0	331.0
	40	435166.5	5580333.4	1120	302.0	331.0
	41	435166.8	5580328.4	1125	302.1	331.0
	42	435167.2	5580323.4	1130	302.2	331.0
	43	435167.6	5580318.4	1135	302.3	331.0
	44	435168.0	5580313.4	1140	302.3	331.0
	45	435168.3	5580308.4	1145	301.8	331.0
	46	435168.7	5580303.4	1150	301.0	331.0
	47	435169.1	5580298.4	1155	300.0	331.0
	48	435169.5	5580293.4	1160	299.1	331.0
	49	435169.8	5580288.4	1165	298.2	331.0
	50	435170.2	5580283.4	1170	297.2	331.0
	51	435170.6	5580278.7	1175	296.2	331.0
	52	435171.0	5580273.4	1180	295.2	331.0
	53	435171.3	5580268.4	1185	294.0	331.0
	54	435171.7	5580263.4	1190	n/a	331.0
Cable 4	55	435172.1	5580258.4	1195	n/a	331.0
	56	435172.5	5580253.4	1200	n/a	331.0
	57	435172.9	5580248.4	1205	n/a	331.0
	58	435173.2	5580243.4	1210	n/a	331.0
	59	435173.6	5580238.4	1215	n/a	331.0
	60	435174.0	5580233.4	1220	n/a	331.0
	61	435174.4	5580228.4	1225	n/a	331.0
	62	435174.7	5580223.4	1230	n/a	331.0
	63	435175.1	5580218.4	1235	n/a	331.0
	64	435175.5	5580213.3	1240	n/a	331.0
	65	435175.9	5580208.3	1245	n/a	331.0
	66	435176.2	5580203.3	1250	n/a	331.0
	67	435176.6	5580198.3	1255	n/a	331.0
	68	435177.0	5580193.3	1260	n/a	331.0
	69	435177.4	5580188.3	1265	n/a	331.0
	70	435177.8	5580183.3	1270	n/a	331.0
	71	435178.1	5580178.3	1275	n/a	331.0
	72	435178.5	5580173.4	1280	n/a	331.0

Note: n/a - data not available

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TABLE II
ERI Line L2900 Location and Elevation Data
Ketchikan Lake

Cable	Node	Easting	Northing	Chainage	Bedrock Elevation	Node Elevation
Cable 1	1	435399.6	5580623.6	835	n/a	335.5
	2	435399.9	5580618.6	840	n/a	335.0
	3	435400.3	5580613.6	845	n/a	334.8
	4	435400.7	5580608.6	850	n/a	334.6
	5	435401.1	5580603.6	855	n/a	334.6
	6	435401.4	5580598.6	860	n/a	334.5
	7	435401.8	5580593.6	865	n/a	334.4
	8	435402.2	5580588.6	870	n/a	334.3
	9	435402.6	5580583.6	875	n/a	333.9
	10	435402.9	5580578.6	880	n/a	333.4
	11	435403.3	5580573.6	885	n/a	333.0
	12	435403.7	5580568.6	890	n/a	332.6
	13	435404.1	5580563.6	895	n/a	332.1
	14	435404.5	5580558.6	900	n/a	331.7
	15	435404.8	5580553.6	905	n/a	331.5
	16	435405.2	5580548.6	910	n/a	331.2
	17	435405.6	5580543.6	915	328.5	331.0
	18	435406.0	5580538.6	920	328.5	331.0
Cable 2	19	435406.3	5580533.6	925	324.4	331.0
	20	435406.7	5580528.6	930	324.1	331.0
	21	435407.1	5580523.6	935	323.8	331.0
	22	435407.5	5580518.6	940	323.7	331.0
	23	435407.8	5580513.6	945	323.5	331.0
	24	435408.2	5580508.6	950	323.4	331.0
	25	435408.6	5580503.5	955	323.3	331.0
	26	435409.0	5580498.5	960	323.3	331.0
	27	435409.4	5580493.5	965	322.3	331.0
	28	435409.7	5580488.5	970	320.9	331.0
	29	435410.1	5580483.5	975	319.6	331.0
	30	435410.5	5580478.5	980	319.9	331.0
	31	435410.9	5580473.5	985	319.7	331.0
	32	435411.2	5580468.5	990	318.7	331.0
	33	435411.6	5580463.5	995	318.7	331.0
	34	435412.0	5580458.5	1000	315.8	331.0
	35	435412.4	5580453.5	1005	314.3	331.0
	36	435412.8	5580448.5	1010	312.9	331.0
Cable 3	37	435413.1	5580443.5	1015	311.4	331.0
	38	435413.5	5580438.5	1020	305.9	331.0
	39	435413.9	5580433.5	1025	302.7	331.0
	40	435414.3	5580428.5	1030	299.7	331.0
	41	435414.6	5580423.5	1035	296.9	331.0
	42	435415.0	5580418.5	1040	295.8	331.0
	43	435415.4	5580413.5	1045	295.0	331.0
	44	435415.8	5580408.5	1050	295.1	331.0
	45	435416.1	5580403.5	1055	295.2	331.0
	46	435416.5	5580398.5	1060	296.8	331.0
	47	435416.9	5580393.5	1065	299.5	331.0
	48	435417.3	5580388.5	1070	303.3	331.0
	49	435417.7	5580383.5	1075	303.1	331.0
	50	435418.0	5580378.5	1080	302.2	331.0
	51	435418.4	5580373.5	1085	300.3	331.0
	52	435418.8	5580368.5	1090	296.9	331.0
	53	435419.2	5580363.5	1095	n/a	331.0
	54	435419.5	5580358.4	1100	n/a	331.0
Cable 4	55	435419.9	5580353.4	1105	n/a	331.0
	56	435420.3	5580348.4	1110	n/a	331.0
	57	435420.7	5580343.4	1115	n/a	331.0
	58	435421.0	5580338.4	1120	n/a	331.0
	59	435421.4	5580333.4	1125	n/a	331.0
	60	435421.8	5580328.4	1130	n/a	331.0
	61	435422.2	5580323.4	1135	n/a	331.0
	62	435422.6	5580318.4	1140	n/a	331.0
	63	435422.9	5580313.4	1145	n/a	331.0
	64	435423.3	5580308.4	1150	n/a	331.0
	65	435423.7	5580303.4	1155	n/a	331.0
	66	435424.1	5580298.4	1160	n/a	331.0
	67	435424.4	5580293.4	1165	n/a	331.0
	68	435424.8	5580288.4	1170	n/a	331.0
	69	435425.2	5580283.4	1175	n/a	331.0
	70	435425.6	5580278.4	1180	n/a	331.0
	71	435425.9	5580273.4	1185	n/a	331.0
	72	435426.3	5580268.4	1190	n/a	331.0

Note: n/a - data not available

TABLE III
ERI Line L3000 Location and Elevation Data
Ketchikan Lake

Cable	Node	Easting	Northing	Chainage	Bedrock Elevation	Node Elevation
Cable 1	1	435504.4	5580596.3	880	n/a	336.3
	2	435504.6	5580593.6	885	n/a	336.3
	3	435504.9	5580588.6	890	n/a	336.2
	4	435505.3	5580583.6	895	n/a	336.2
	5	435505.7	5580578.6	900	n/a	336.2
	6	435506.1	5580573.6	905	n/a	336.2
	7	435506.5	5580568.6	910	n/a	336.1
	8	435506.8	5580563.6	915	n/a	336.1
	9	435507.2	5580558.6	920	n/a	335.7
	10	435507.6	5580553.6	925	n/a	335.3
	11	435508.0	5580548.6	930	n/a	334.9
	12	435508.3	5580543.6	935	n/a	334.2
	13	435508.7	5580538.6	940	n/a	333.6
	14	435509.1	5580533.6	945	n/a	332.9
	15	435509.5	5580528.6	950	n/a	332.3
	16	435509.8	5580523.6	955	n/a	331.6
	17	435510.2	5580518.6	960	329.2	331.0
	18	435510.6	5580513.6	965	324.9	331.0
Cable 2	19	435511.0	5580508.6	970	320.9	331.0
	20	435511.3	5580503.5	975	319.0	331.0
	21	435511.7	5580498.5	980	318.9	331.0
	22	435512.1	5580493.5	985	319.2	331.0
	23	435512.5	5580488.5	990	319.4	331.0
	24	435512.9	5580483.5	995	318.2	331.0
	25	435513.2	5580478.5	1000	317.2	331.0
	26	435513.6	5580473.5	1005	316.0	331.0
	27	435514.0	5580468.5	1010	314.9	331.0
	28	435514.4	5580463.5	1015	314.0	331.0
	29	435514.7	5580458.5	1020	313.2	331.0
	30	435515.1	5580453.5	1025	312.3	331.0
	31	435515.5	5580448.5	1030	311.7	331.0
	32	435515.9	5580443.5	1035	311.1	331.0
	33	435516.2	5580438.5	1040	310.6	331.0
	34	435516.6	5580433.5	1045	309.6	331.0
	35	435517.0	5580428.5	1050	308.3	331.0
	36	435517.4	5580423.5	1055	305.1	331.0

Cable	Node	Easting	Northing	Chainage	Bedrock Elevation	Node Elevation
Cable 3	37	435517.7	5580418.5	1060	302.9	331.0
	38	435518.1	5580413.5	1065	300.5	331.0
	39	435518.5	5580408.5	1070	298.1	331.0
	40	435518.9	5580403.5	1075	295.6	331.0
	41	435519.3	5580398.5	1080	292.9	331.0
	42	435519.6	5580393.5	1085	290.3	331.0
	43	435520.0	5580388.5	1090	284.6	331.0
	44	435520.4	5580383.5	1095	281.6	331.0
	45	435520.8	5580378.5	1100	278.5	331.0
	46	435521.1	5580373.5	1105	n/a	331.0
	47	435521.5	5580368.5	1110	n/a	331.0
	48	435521.9	5580363.5	1115	n/a	331.0
	49	435522.3	5580358.4	1120	n/a	331.0
	50	435522.6	5580353.4	1125	n/a	331.0
	51	435523.0	5580348.4	1130	n/a	331.0
	52	435523.4	5580343.4	1135	n/a	331.0
	53	435523.8	5580338.4	1140	n/a	331.0
	54	435524.2	5580333.4	1145	n/a	331.0
Cable 4	55	435524.5	5580328.4	1150	n/a	331.0
	56	435524.9	5580323.4	1155	n/a	331.0
	57	435525.3	5580318.4	1160	n/a	331.0
	58	435525.7	5580313.4	1165	n/a	331.0
	59	435526.0	5580308.4	1170	n/a	331.0
	60	435526.4	5580303.4	1175	n/a	331.0
	61	435526.8	5580298.4	1180	n/a	331.0
	62	435527.2	5580293.4	1185	n/a	331.0
	63	435527.5	5580288.4	1190	n/a	331.0
	64	435527.9	5580283.4	1195	n/a	331.0
	65	435528.3	5580278.4	1200	n/a	331.0
	66	435528.7	5580273.4	1205	n/a	331.0
	67	435529.0	5580268.4	1210	n/a	331.0
	68	435529.4	5580263.4	1215	n/a	331.0
	69	435529.8	5580258.4	1220	n/a	331.0
	70	435530.2	5580253.4	1225	n/a	331.0
	71	435530.6	5580248.4	1230	n/a	331.0
	72	435530.9	5580243.4	1235	n/a	331.0

Note: n/a - data not available

TABLE IV
ERI Line L3100 Location and Elevation Data
Ketchikan Lake

Cable	Node	Easting	Northing	Chainage	Bedrock Elevation	Node Elevation
Cable 1	1	435590.3	5580577.6	900	n/a	335.8
	2	435590.6	5580573.6	904	n/a	335.8
	3	435590.9	5580568.6	909	n/a	335.8
	4	435591.3	5580563.6	914	n/a	335.8
	5	435591.7	5580558.6	919	n/a	335.8
	6	435592.1	5580553.6	924	n/a	336.6
	7	435592.5	5580548.6	929	n/a	337.4
	8	435592.8	5580543.6	934	n/a	337.2
	9	435593.2	5580538.6	939	n/a	337.0
	10	435593.6	5580533.6	944	n/a	336.7
	11	435594.0	5580528.6	949	n/a	336.5
	12	435594.3	5580523.6	954	n/a	336.0
	13	435594.7	5580518.6	959	n/a	335.4
	14	435595.1	5580513.6	964	n/a	334.8
	15	435595.5	5580508.6	969	332.1	334.2
	16	435595.8	5580504.1	974	331.4	333.6
	17	435596.2	5580498.5	979	330.0	332.3
	18	435596.6	5580493.5	984	327.9	331.0
Cable 2	19	435597.0	5580488.5	989	321.5	331.0
	20	435597.4	5580483.5	994	313.6	331.0
	21	435597.7	5580478.5	999	312.4	331.0
	22	435598.1	5580473.5	1004	311.0	331.0
	23	435598.5	5580468.5	1009	309.6	331.0
	24	435598.9	5580463.5	1014	308.0	331.0
	25	435599.2	5580458.5	1019	307.1	331.0
	26	435599.6	5580453.5	1024	307.0	331.0
	27	435600.0	5580448.5	1029	306.6	331.0
	28	435600.4	5580443.5	1034	306.1	331.0
	29	435600.7	5580438.5	1039	306.1	331.0
	30	435601.1	5580433.5	1045	305.7	331.0
	31	435601.5	5580428.5	1050	305.3	331.0
	32	435601.9	5580423.5	1055	305.4	331.0
	33	435602.3	5580418.5	1060	306.3	331.0
	34	435602.6	5580413.5	1065	308.6	331.0
	35	435603.0	5580408.5	1070	311.0	331.0
	36	435603.4	5580403.5	1075	312.0	331.0
Cable 3	37	435603.8	5580398.5	1080	312.2	331.0
	38	435604.1	5580393.5	1085	311.5	331.0
	39	435604.5	5580388.5	1090	310.4	331.0
	40	435604.9	5580383.5	1095	305.0	331.0
	41	435605.3	5580378.5	1100	302.4	331.0
	42	435605.6	5580373.5	1105	301.6	331.0
	43	435606.0	5580368.5	1110	301.8	331.0
	44	435606.4	5580363.5	1115	301.2	331.0
	45	435606.8	5580358.4	1120	300.4	331.0
	46	435607.2	5580353.4	1125	299.6	331.0
	47	435607.5	5580348.4	1130	298.9	331.0
	48	435607.9	5580343.4	1135	298.3	331.0
	49	435608.3	5580338.4	1140	297.8	331.0
	50	435608.7	5580333.4	1145	297.3	331.0
	51	435609.0	5580328.4	1150	296.8	331.0
	52	435609.4	5580323.4	1155	296.5	331.0
	53	435609.8	5580318.4	1160	296.2	331.0
	54	435610.2	5580313.4	1165	n/a	331.0
Cable 4	55	435610.5	5580308.4	1170	n/a	331.0
	56	435610.9	5580303.4	1175	n/a	331.0
	57	435611.3	5580298.4	1180	n/a	331.0
	58	435611.7	5580293.4	1185	n/a	331.0
	59	435612.1	5580288.4	1190	n/a	331.0
	60	435612.4	5580283.4	1195	n/a	331.0
	61	435612.8	5580278.4	1200	n/a	331.0
	62	435613.2	5580273.4	1205	n/a	331.0
	63	435613.6	5580268.4	1210	n/a	331.0
	64	435613.9	5580263.4	1215	n/a	331.0
	65	435614.3	5580258.4	1220	n/a	331.0
	66	435614.7	5580253.4	1225	n/a	331.0
	67	435615.1	5580248.4	1230	n/a	331.0
	68	435615.4	5580243.4	1235	n/a	331.0
	69	435615.8	5580238.5	1240	n/a	331.0
	70	435616.2	5580233.4	1245	n/a	331.0
	71	435616.6	5580228.4	1250	n/a	331.0
	72	435617.0	5580223.4	1255	n/a	331.0

Note: n/a - data not available

TABLE V
ERI Line L3300 Location and Elevation Data
Ketchikan Lake

Cable	Node	Easting	Northing	Chainage	Bedrock Elevation	Node Elevation
Cable 1	1	435780.9	5580687.3	800	n/a	334.1
	2	435781.1	5580683.7	805	n/a	333.4
	3	435781.5	5580678.7	810	n/a	332.7
	4	435781.9	5580673.7	815	n/a	331.9
	5	435782.2	5580668.7	820	n/a	331.2
	6	435782.6	5580663.7	825	n/a	331.0
	7	435783.0	5580658.7	830	n/a	331.0
	8	435783.3	5580653.7	835	n/a	331.0
	9	435783.7	5580648.6	840	n/a	331.0
	10	435784.1	5580643.6	845	n/a	331.0
	11	435784.4	5580638.6	850	329.6	331.0
	12	435784.8	5580633.6	855	327.5	331.0
	13	435785.2	5580628.6	860	324.3	331.0
	14	435785.6	5580623.6	865	322.1	331.0
	15	435785.9	5580618.9	870	321.8	331.0
	16	435786.3	5580613.6	875	321.8	331.0
	17	435786.7	5580608.6	880	322.0	331.0
	18	435787.0	5580603.6	885	322.0	331.0
Cable 2	19	435787.4	5580598.6	890	322.1	331.0
	20	435787.8	5580593.6	895	322.1	331.0
	21	435788.1	5580588.6	900	322.1	331.0
	22	435788.5	5580583.6	905	322.2	331.0
	23	435788.9	5580578.6	910	322.8	331.0
	24	435789.2	5580573.6	915	324.2	331.0
	25	435789.6	5580568.6	920	325.2	331.0
	26	435790.0	5580563.6	925	325.5	331.0
	27	435790.4	5580558.6	930	321.4	331.0
	28	435790.7	5580553.6	935	320.2	331.0
	29	435791.1	5580548.6	940	319.6	331.0
	30	435791.5	5580543.6	945	319.5	331.0
	31	435791.8	5580538.6	950	320.2	331.0
	32	435792.2	5580533.6	955	321.5	331.0
	33	435792.6	5580528.6	960	323.1	331.0
	34	435792.9	5580523.6	965	325.2	331.0
	35	435793.3	5580518.6	970	327.3	331.0
	36	435793.7	5580513.6	975	327.6	331.0

Cable	Node	Easting	Northing	Chainage	Bedrock Elevation	Node Elevation
Cable 3	37	435794.0	5580508.6	980	327.7	331.0
	38	435794.4	5580503.5	985	327.6	331.0
	39	435794.8	5580498.5	990	327.4	331.0
	40	435795.2	5580493.5	995	327.1	331.0
	41	435795.5	5580488.5	1000	326.8	331.0
	42	435795.9	5580483.5	1005	326.5	331.0
	43	435796.3	5580478.5	1010	326.2	331.0
	44	435796.6	5580473.5	1015	325.3	331.0
	45	435797.0	5580468.5	1020	324.2	331.0
	46	435797.4	5580463.5	1025	323.0	331.0
	47	435797.7	5580458.5	1030	321.4	331.0
	48	435798.1	5580453.5	1035	320.1	331.0
	49	435798.5	5580448.5	1040	318.7	331.0
	50	435798.9	5580443.5	1045	317.7	331.0
	51	435799.2	5580438.5	1050	317.0	331.0
	52	435799.6	5580433.5	1055	315.5	331.0
	53	435800.0	5580428.5	1060	313.1	331.0
	54	435800.3	5580423.5	1065	312.1	331.0
Cable 4	55	435800.7	5580418.5	1070	311.5	331.0
	56	435801.1	5580413.5	1075	311.6	331.0
	57	435801.4	5580408.5	1080	313.1	331.0
	58	435801.8	5580403.5	1085	314.9	331.0
	59	435802.2	5580398.5	1090	317.4	331.0
	60	435802.5	5580393.5	1095	320.2	331.0
	61	435802.9	5580388.5	1100	321.1	331.0
	62	435803.3	5580383.5	1105	320.0	331.0
	63	435803.7	5580378.5	1110	317.5	331.0
	64	435804.0	5580373.5	1115	311.6	331.0
	65	435804.4	5580368.5	1120	309.4	331.0
	66	435804.8	5580363.5	1125	308.0	331.0
	67	435805.1	5580358.4	1130	306.7	331.0
	68	435805.5	5580353.4	1135	305.4	331.0
	69	435805.9	5580348.4	1140	303.9	331.0
	70	435806.2	5580343.4	1145	302.1	331.0
	71	435806.6	5580338.4	1150	300.5	331.0
	72	435807.0	5580333.4	1155	299.2	331.0

Cable	Node	Easting	Northing	Chainage	Bedrock Elevation	Node Elevation
Cable 5	73	435807.3	5580328.4	1160	297.5	331.0
	74	435807.7	5580323.4	1165	295.3	331.0
	75	435808.1	5580318.4	1170	n/a	331.0
	76	435808.5	5580313.4	1175	n/a	331.0
	77	435808.8	5580308.4	1180	n/a	331.0
	78	435809.2	5580303.4	1185	n/a	331.0
	79	435809.6	5580298.4	1190	n/a	331.0
	80	435809.9	5580293.4	1195	n/a	331.0
	81	435810.3	5580288.4	1200	n/a	331.0
	82	435810.7	5580283.4	1205	n/a	331.0
	83	435811.0	5580278.4	1210	n/a	331.0
	84	435811.4	5580273.4	1215	n/a	331.0
	85	435811.8	5580268.4	1220	n/a	331.0
	86	435812.1	5580263.4	1225	n/a	331.0
	87	435812.5	5580258.4	1230	n/a	331.0
	88	435812.9	5580253.4	1235	n/a	331.0
	89	435813.3	5580248.4	1240	n/a	331.0
	90	435813.6	5580243.4	1245	n/a	331.0

Note: n/a - data not available

TABLE VI
ERI Line L3500 Location and Elevation Data
Ketchikan Lake

Cable	Node	Easting	Northing	Chainage	Bedrock Elevation	Node Elevation
Cable 1	1	435981.2	5580842.0	645	n/a	340.1
	2	435981.4	5580838.8	649	n/a	339.6
	3	435981.7	5580833.8	654	n/a	339.1
	4	435981.9	5580828.8	659	n/a	337.3
	5	435982.2	5580823.8	664	n/a	335.4
	6	435982.5	5580818.8	669	n/a	333.5
	7	435982.7	5580813.8	674	320.9	333.4
	8	435983.0	5580808.8	679	321.2	333.3
	9	435983.3	5580803.8	684	321.2	333.3
	10	435983.5	5580798.8	689	320.9	333.2
	11	435983.8	5580793.7	694	320.1	333.1
	12	435984.1	5580788.7	699	319.4	333.0
	13	435984.3	5580783.7	704	319.1	332.9
	14	435984.6	5580778.7	709	318.7	332.8
	15	435984.9	5580773.7	714	318.5	332.7
	16	435985.1	5580768.7	719	318.2	332.6
	17	435985.4	5580763.7	724	318.3	332.6
	18	435985.7	5580758.7	729	318.5	331.0
Cable 2	19	435985.9	5580753.7	734	318.5	331.0
	20	435986.2	5580748.7	739	318.6	331.0
	21	435986.5	5580743.7	744	318.7	331.0
	22	435986.7	5580738.7	749	318.9	331.0
	23	435987.0	5580733.7	754	319.3	331.0
	24	435987.3	5580728.7	759	319.7	331.0
	25	435987.5	5580723.7	764	320.7	331.0
	26	435987.8	5580718.7	769	321.2	331.0
	27	435988.1	5580713.7	774	322.1	331.0
	28	435988.3	5580708.7	780	323.4	331.0
	29	435988.6	5580703.7	785	323.8	331.0
	30	435988.9	5580698.7	790	323.5	331.0
	31	435989.1	5580693.7	795	323.0	331.0
	32	435989.4	5580688.7	800	322.7	331.0
	33	435989.7	5580683.7	805	322.4	331.0
	34	435989.9	5580678.7	810	322.4	331.0
	35	435990.2	5580673.7	815	322.6	331.0
	36	435990.5	5580668.7	820	323.7	331.0

Cable	Node	Easting	Northing	Chainage	Bedrock Elevation	Node Elevation
Cable 3	37	435990.7	5580663.7	825	324.2	331.0
	38	435991.0	5580658.7	830	324.2	331.0
	39	435991.3	5580653.7	835	324.3	331.0
	40	435991.5	5580648.6	840	324.4	331.0
	41	435991.8	5580643.6	845	324.3	331.0
	42	435992.1	5580638.6	850	324.1	331.0
	43	435992.3	5580633.6	855	324.0	331.0
	44	435992.6	5580628.6	860	322.3	331.0
	45	435992.9	5580623.6	865	321.2	331.0
	46	435993.1	5580618.6	870	320.1	331.0
	47	435993.4	5580613.6	875	319.4	331.0
	48	435993.7	5580608.6	880	319.2	331.0
	49	435993.9	5580603.6	885	319.3	331.0
	50	435994.2	5580598.6	890	319.6	331.0
	51	435994.5	5580593.6	895	319.9	331.0
	52	435994.7	5580588.6	900	320.5	331.0
	53	435995.0	5580583.6	905	321.9	331.0
	54	435995.3	5580578.6	910	322.6	331.0
Cable 4	55	435995.5	5580573.6	915	322.9	331.0
	56	435995.8	5580568.6	920	323.3	331.0
	57	435996.1	5580563.6	925	323.8	331.0
	58	435996.3	5580558.6	930	324.2	331.0
	59	435996.6	5580553.6	935	324.3	331.0
	60	435996.9	5580548.6	940	323.9	331.0
	61	435997.1	5580543.6	945	322.4	331.0
	62	435997.4	5580538.6	950	320.6	331.0
	63	435997.7	5580533.6	955	318.9	331.0
	64	435997.9	5580528.6	960	318.7	331.0
	65	435998.2	5580523.6	965	318.6	331.0
	66	435998.5	5580518.6	970	318.7	331.0
	67	435998.7	5580513.6	975	319.0	331.0
	68	435999.0	5580508.6	980	319.4	331.0
	69	435999.3	5580503.5	985	319.9	331.0
	70	435999.5	5580498.5	990	320.1	331.0
	71	435999.8	5580493.5	995	320.0	331.0
	72	436000.1	5580488.5	1000	320.0	331.0

Cable	Node	Easting	Northing	Chainage	Bedrock Elevation	Node Elevation
Cable 5	73	436000.3	5580483.5	1005	319.9	331.0
	74	436000.6	5580478.5	1010	319.5	331.0
	75	436000.9	5580473.5	1015	319.5	331.0
	76	436001.1	5580468.5	1020	319.7	331.0
	77	436001.4	5580463.5	1025	319.6	331.0
	78	436001.7	5580458.5	1030	318.4	331.0
	79	436001.9	5580453.5	1035	318.0	331.0
	80	436002.2	5580448.5	1040	318.0	331.0
	81	436002.4	5580443.5	1045	318.8	331.0
	82	436002.7	5580438.5	1050	319.2	331.0
	83	436003.0	5580433.5	1055	318.1	331.0
	84	436003.2	5580428.5	1060	317.6	331.0
	85	436003.5	5580423.5	1065	318.3	331.0
	86	436003.8	5580418.5	1070	320.1	331.0
	87	436004.0	5580413.5	1075	321.5	331.0
	88	436004.3	5580408.5	1080	321.4	331.0
	89	436004.6	5580403.5	1085	321.3	331.0
	90	436004.8	5580398.5	1090	321.5	331.0
Cable 6	91	436005.1	5580393.5	1095	321.8	331.0
	92	436005.4	5580388.5	1100	322.3	331.0
	93	436005.6	5580383.5	1105	323.1	331.0
	94	436005.9	5580378.5	1110	323.8	331.0
	95	436006.2	5580373.5	1115	324.1	331.0
	96	436006.4	5580368.5	1120	324.3	331.0
	97	436006.7	5580363.5	1125	324.2	331.0
	98	436007.0	5580358.4	1130	323.9	331.0
	99	436007.2	5580353.4	1135	323.6	331.0
	100	436007.5	5580348.4	1140	323.3	331.0
	101	436007.8	5580343.4	1145	323.2	331.0
	102	436008.0	5580338.4	1150	323.0	331.0
	103	436008.3	5580333.4	1155	322.5	331.0
	104	436008.6	5580328.4	1160	321.7	331.0
	105	436008.8	5580323.4	1165	n/a	331.0
	106	436009.1	5580318.4	1170	n/a	331.0
	107	436009.4	5580313.4	1175	n/a	331.0
	108	436009.6	5580309.8	1179	n/a	331.0

Note: n/a - data not available

TABLE VII
ERI Line L3700 Location and Elevation Data
Ketchikan Lake

Cable	Node	Easting	Northing	Chainage	Bedrock Elevation	Node Elevation
Cable 1	1	436189.5	5580793.7	700	n/a	334.6
	2	436189.8	5580788.7	705	n/a	334.3
	3	436190.1	5580783.7	710	n/a	334.0
	4	436190.4	5580778.7	715	n/a	333.6
	5	436190.7	5580773.7	720	n/a	333.3
	6	436191.0	5580768.7	725	n/a	333.0
	7	436191.3	5580763.7	730	n/a	332.8
	8	436191.6	5580758.7	735	n/a	332.6
	9	436191.9	5580753.7	740	n/a	332.5
	10	436192.1	5580748.7	745	330.4	332.4
	11	436192.4	5580743.7	750	329.5	332.3
	12	436192.7	5580738.7	755	329.0	332.2
	13	436193.0	5580733.7	760	327.2	332.2
	14	436193.3	5580728.7	765	326.8	332.1
	15	436193.6	5580723.7	770	326.6	332.0
	16	436193.9	5580718.7	775	326.3	331.5
	17	436194.2	5580713.7	780	326.2	331.0
	18	436194.5	5580708.7	785	326.9	331.0
Cable 2	19	436194.8	5580703.7	790	328.3	331.0
	20	436195.1	5580698.7	795	329.3	331.0
	21	436195.4	5580693.7	800	329.3	331.0
	22	436195.6	5580688.7	805	324.5	331.0
	23	436195.9	5580683.7	810	321.6	331.0
	24	436196.2	5580678.7	815	319.3	331.0
	25	436196.5	5580673.7	820	317.9	331.0
	26	436196.8	5580668.7	825	317.5	331.0
	27	436197.1	5580663.7	830	317.0	331.0
	28	436197.4	5580658.7	835	315.5	331.0
	29	436197.7	5580653.7	840	313.3	331.0
	30	436198.0	5580648.6	845	311.5	331.0
	31	436198.3	5580643.6	850	310.8	331.0
	32	436198.6	5580638.6	855	310.5	331.0
	33	436198.9	5580633.6	860	310.4	331.0
	34	436199.2	5580628.6	865	310.8	331.0
	35	436199.4	5580623.6	870	312.0	331.0
	36	436199.7	5580618.6	875	316.3	331.0

Cable	Node	Easting	Northing	Chainage	Bedrock Elevation	Node Elevation
Cable 3	37	436200.0	5580613.6	880	319.0	331.0
	38	436200.3	5580608.6	885	321.1	331.0
	39	436200.6	5580603.6	890	321.8	331.0
	40	436200.9	5580598.6	895	321.8	331.0
	41	436201.2	5580593.6	900	321.7	331.0
	42	436201.5	5580588.6	905	321.8	331.0
	43	436201.8	5580583.6	910	321.7	331.0
	44	436202.1	5580578.6	915	321.8	331.0
	45	436202.4	5580573.6	920	321.8	331.0
	46	436202.7	5580568.6	925	322.0	331.0
	47	436203.0	5580563.6	930	322.3	331.0
	48	436203.2	5580558.6	935	322.2	331.0
	49	436203.5	5580553.6	940	322.3	331.0
	50	436203.8	5580548.6	945	323.4	331.0
	51	436204.1	5580543.6	950	324.0	331.0
	52	436204.4	5580538.6	955	324.2	331.0
	53	436204.7	5580533.6	960	324.3	331.0
	54	436205.0	5580528.6	965	325.0	331.0
Cable 4	55	436205.3	5580523.6	970	325.7	331.0
	56	436205.6	5580518.6	975	325.8	331.0
	57	436205.9	5580513.6	980	325.9	331.0
	58	436206.2	5580508.6	985	325.9	331.0
	59	436206.5	5580503.5	990	326.0	331.0
	60	436206.7	5580498.5	995	326.1	331.0
	61	436207.0	5580493.5	1000	326.3	331.0
	62	436207.3	5580488.5	1005	326.5	331.0
	63	436207.6	5580483.5	1010	326.6	331.0
	64	436207.9	5580478.5	1015	326.6	331.0
	65	436208.2	5580473.5	1020	326.5	331.0
	66	436208.5	5580468.5	1025	325.8	331.0
	67	436208.8	5580463.5	1030	326.4	331.0
	68	436209.1	5580458.5	1035	328.5	331.0
	69	436209.4	5580453.5	1040	327.6	331.0
	70	436209.7	5580448.5	1045	326.1	331.0
	71	436210.0	5580443.5	1050	326.7	331.0
	72	436210.3	5580438.5	1055	329.0	331.4

Cable	Node	Easting	Northing	Chainage	Bedrock Elevation	Node Elevation
Cable 5	73	436210.5	5580433.5	1060	330.9	331.8
	74	436210.8	5580428.5	1065	n/a	332.1
	75	436211.1	5580423.3	1070	n/a	332.4
	76	436211.4	5580418.5	1075	n/a	332.6
	77	436211.7	5580413.5	1080	n/a	332.8
	78	436212.0	5580408.5	1085	n/a	333.0
	79	436212.3	5580403.5	1090	n/a	333.1
	80	436212.6	5580398.5	1095	n/a	333.2
	81	436212.9	5580393.5	1100	n/a	333.2
	82	436213.2	5580388.5	1105	n/a	333.3
	83	436213.5	5580383.5	1110	n/a	333.1
	84	436213.8	5580378.5	1115	n/a	332.9
	85	436214.1	5580373.5	1120	n/a	332.7
	86	436214.3	5580368.5	1125	n/a	332.5
	87	436214.6	5580363.5	1130	n/a	332.3
	88	436214.9	5580358.4	1135	n/a	332.1
	89	436215.2	5580353.4	1140	n/a	331.9
	90	436215.4	5580350.4	1144	n/a	331.6

Note: n/a - data not available

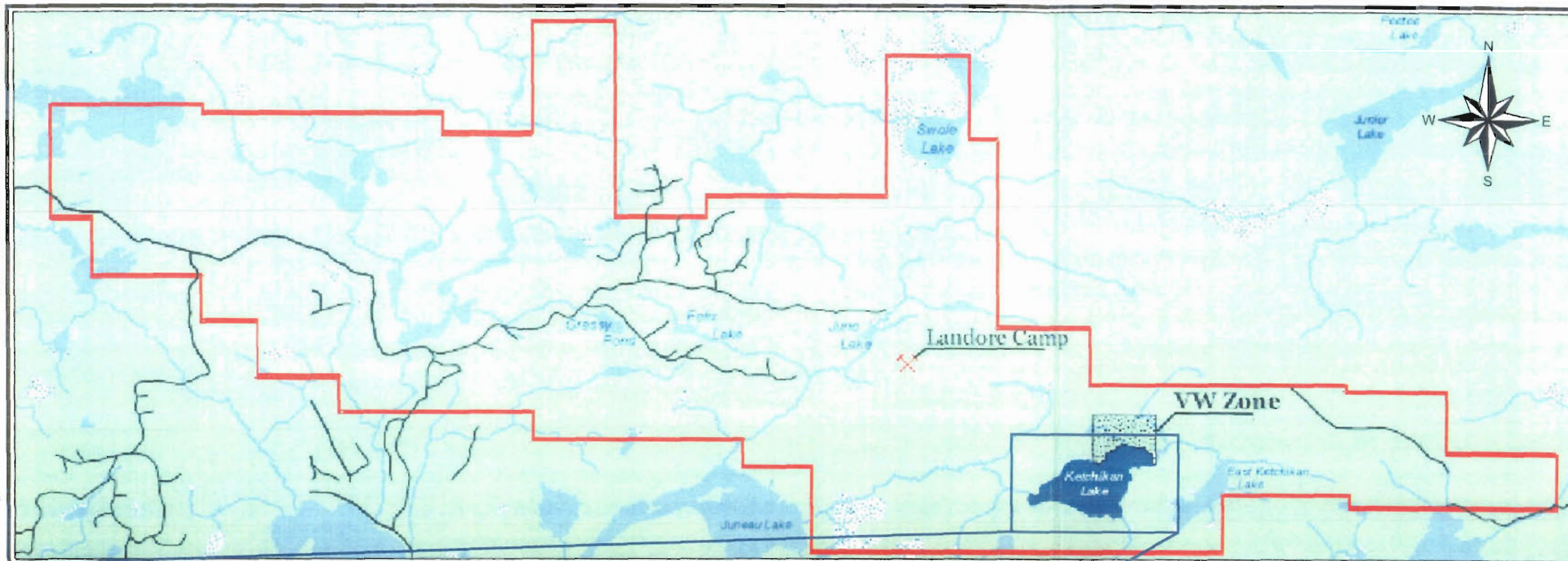
TABLE VIII
ERI Line L900S Location and Elevation Data
Ketchikan Lake

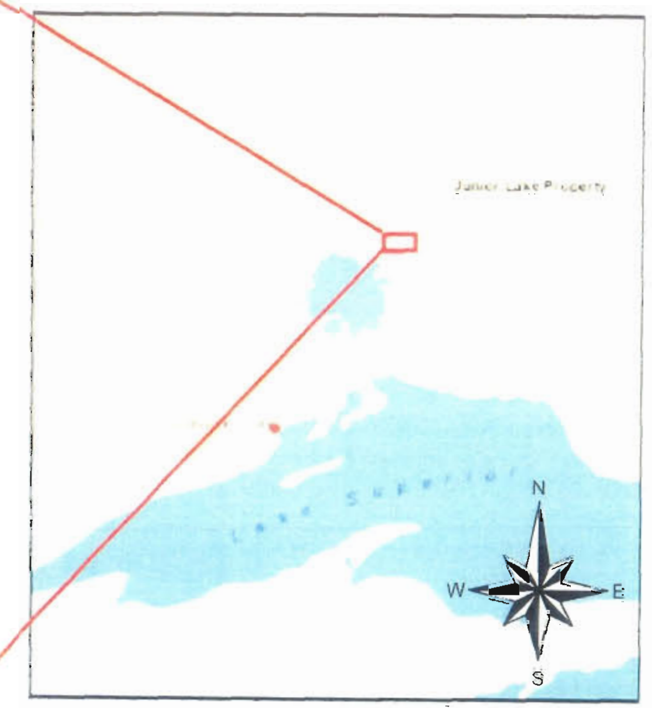
Cable	Node	Easting	Northing	Chainage	Bedrock Elevation	Node Elevation
Cable 1	1	435761.1	5580583.7	3265	n/a	331.0
	2	435766.1	5580583.9	3270	n/a	331.0
	3	435771.0	5580584.1	3275	327.4	331.0
	4	435776.0	5580584.4	3280	325.0	331.0
	5	435780.9	5580584.6	3285	323.6	331.0
	6	435785.9	5580584.8	3290	322.4	331.0
	7	435790.8	5580585.0	3295	321.1	331.0
	8	435795.8	5580585.3	3300	319.9	331.0
	9	435800.7	5580585.5	3305	318.6	331.0
	10	435805.7	5580585.7	3310	317.4	331.0
	11	435810.6	5580585.9	3315	316.5	331.0
	12	435815.6	5580586.1	3320	315.9	331.0
	13	435820.6	5580586.4	3325	315.6	331.0
	14	435825.5	5580586.6	3330	315.9	331.0
	15	435830.5	5580586.8	3335	316.6	331.0
	16	435835.4	5580587.0	3340	317.5	331.0
	17	435840.4	5580587.3	3345	318.4	331.0
	18	435845.3	5580587.5	3350	319.7	331.0
Cable 2	19	435850.3	5580587.7	3355	321.0	331.0
	20	435855.2	5580587.9	3360	322.1	331.0
	21	435860.2	5580588.1	3365	323.1	331.0
	22	435865.2	5580588.4	3370	323.1	331.0
	23	435870.1	5580588.6	3375	323.1	331.0
	24	435875.1	5580588.8	3380	323.0	331.0
	25	435880.0	5580589.0	3385	322.6	331.0
	26	435885.0	5580589.3	3390	321.3	331.0
	27	435889.9	5580589.5	3395	319.3	331.0
	28	435894.9	5580589.7	3400	318.4	331.0
	29	435899.8	5580589.9	3405	317.7	331.0
	30	435904.8	5580590.1	3410	317.1	331.0
	31	435909.7	5580590.4	3415	316.5	331.0
	32	435914.7	5580590.6	3420	315.9	331.0
	33	435919.7	5580590.8	3425	315.2	331.0
	34	435924.6	5580591.0	3430	314.5	331.0
	35	435929.6	5580591.3	3435	314.0	331.0
	36	435934.5	5580591.5	3440	313.5	331.0

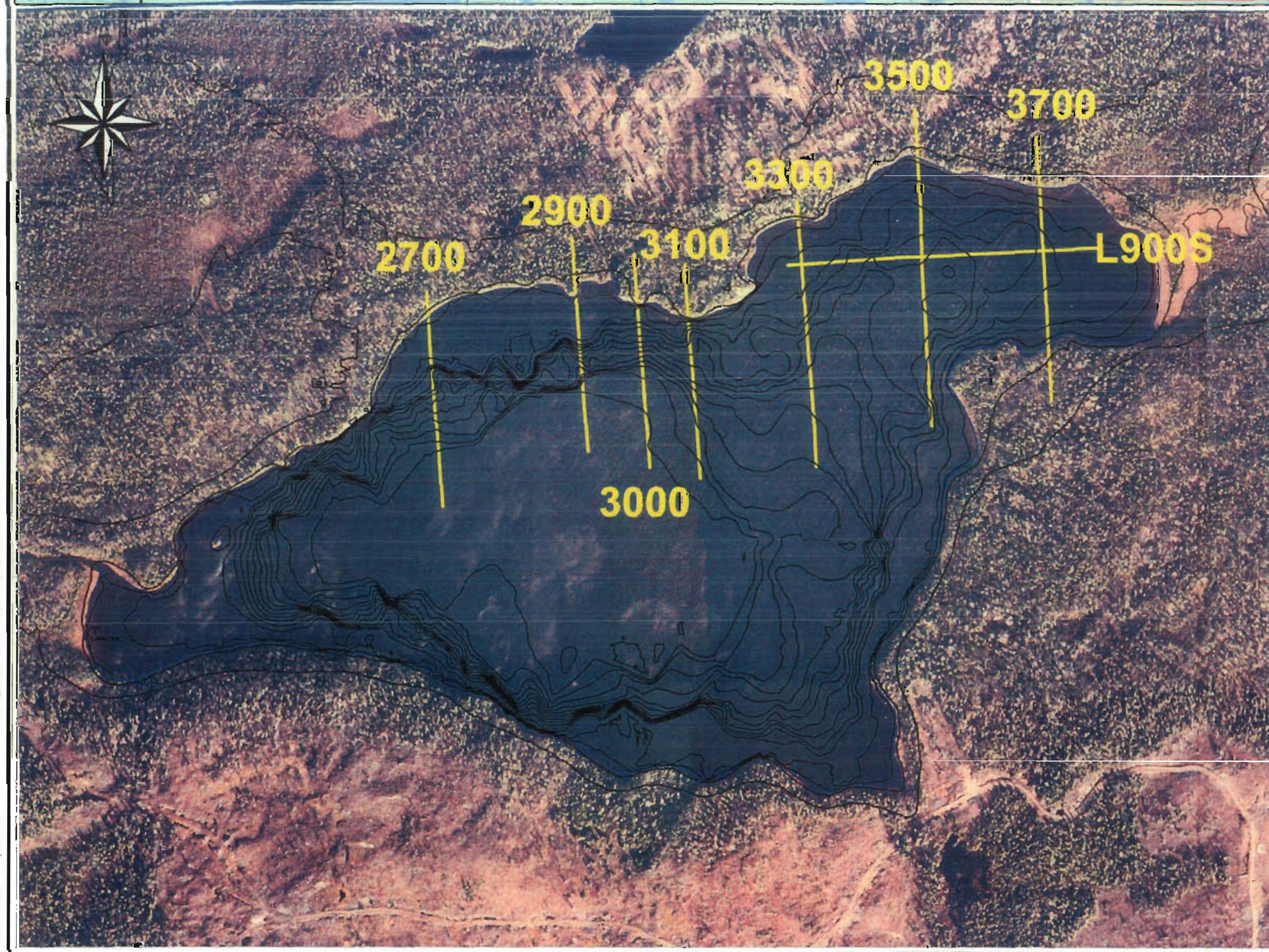
Cable	Node	Easting	Northing	Chainage	Bedrock Elevation	Node Elevation
Cable 3	37	435941.8	5580591.5	3445	313.4	331.0
	38	435946.8	5580591.7	3450	314.0	331.0
	39	435951.7	5580591.9	3455	314.6	331.0
	40	435956.6	5580592.2	3460	315.5	331.0
	41	435961.5	5580592.4	3465	316.6	331.0
	42	435966.5	5580592.6	3470	317.4	331.0
	43	435971.4	5580592.8	3475	317.8	331.0
	44	435976.3	5580593.0	3480	317.4	331.0
	45	435981.2	5580593.2	3485	316.6	331.0
	46	435986.2	5580593.5	3490	315.8	331.0
	47	435991.1	5580593.7	3495	315.8	331.0
	48	435996.0	5580593.9	3500	312.0	331.0
	49	436000.9	5580594.1	3505	309.8	331.0
	50	436005.9	5580594.3	3510	308.0	331.0
	51	436010.8	5580594.5	3515	306.3	331.0
	52	436015.7	5580594.8	3520	305.2	331.0
	53	436020.6	5580595.0	3525	304.7	331.0
	54	436025.6	5580595.2	3530	304.5	331.0
Cable 4	55	436030.4	5580595.6	3535	304.4	331.0
	56	436035.5	5580595.9	3540	304.4	331.0
	57	436040.5	5580596.1	3545	304.4	331.0
	58	436045.5	5580596.4	3550	304.6	331.0
	59	436050.5	5580596.6	3555	305.0	331.0
	60	436055.5	5580596.9	3560	305.7	331.0
	61	436060.6	5580597.2	3565	307.3	331.0
	62	436065.6	5580597.4	3570	309.4	331.0
	63	436070.6	5580597.7	3575	311.3	331.0
	64	436075.6	5580597.9	3580	313.1	331.0
	65	436080.6	5580598.2	3585	314.4	331.0
	66	436085.7	5580598.5	3590	315.4	331.0
	67	436090.7	5580598.7	3595	316.2	331.0
	68	436095.7	5580599.0	3600	316.7	331.0
	69	436100.7	5580599.2	3605	317.1	331.0
	70	436105.8	5580599.5	3610	317.4	331.0
	71	436110.8	5580599.7	3615	317.7	331.0
	72	436115.8	5580600.0	3620	318.1	331.0

Cable	Node	Easting	Northing	Chainage	Bedrock Elevation	Node Elevation
Cable 5	73	436120.8	5580601.0	3625	318.6	331.0
	74	436125.8	5580601.3	3630	319.4	331.0
	75	436130.7	5580601.5	3635	320.0	331.0
	76	436135.7	5580601.8	3640	320.6	331.0
	77	436140.7	5580602.0	3645	320.9	331.0
	78	436145.6	5580602.3	3650	320.9	331.0
	79	436150.6	5580602.5	3655	320.7	331.0
	80	436155.6	5580602.8	3660	320.5	331.0
	81	436160.5	5580603.0	3665	319.8	331.0
	82	436165.5	5580603.3	3670	318.0	331.0
	83	436170.5	5580603.5	3675	316.6	331.0
	84	436175.4	5580603.8	3680	315.8	331.0
	85	436180.4	5580604.0	3685	315.7	331.0
	86	436185.4	5580604.3	3690	316.2	331.0
	87	436190.3	5580604.5	3695	317.3	331.0
	88	436195.3	5580604.8	3700	318.3	331.0
	89	436200.3	5580605.0	3705	318.6	331.0
	90	436205.2	5580605.3	3710	318.8	331.0
Cable 6	91	436210.2	5580605.5	3715	319.0	331.0
	92	436215.1	5580605.8	3720	319.3	331.0
	93	436220.1	5580606.0	3725	319.7	331.0
	94	436225.1	5580606.3	3730	319.8	331.0
	95	436230.0	5580606.5	3735	319.9	331.0
	96	436235.0	5580606.8	3740	319.9	331.0
	97	436240.0	5580607.0	3745	320.3	331.0
	98	436244.9	5580607.3	3750	321.9	331.0
	99	436249.9	5580607.5	3755	324.2	331.0
	100	436254.9	5580607.8	3760	324.4	331.0
	101	436259.8	5580608.0	3765	324.6	331.0
	102	436264.8	5580608.3	3770	324.7	331.0
	103	436269.8	5580608.5	3775	324.7	331.0
	104	436274.7	5580608.8	3780	324.4	331.0
	105	436279.7	5580609.0	3785	324.2	331.0
	106	436284.7	5580609.3	3790	n/a	331.0
	107	436289.6	5580609.5	3795	n/a	331.0
	108	436294.6	5580609.8	3800	n/a	331.0

Note: n/a - data not available







LEGEND (JUNIOR LAKE PROPERTY)

- V W Zone
- Landcore Camp
- Landcore Property Boundary
- Roads
- Rivers
- Waterbody
- Wetland Area
- Wooded Area

REFERENCES (JUNIOR LAKE PROPERTY)

Base data - MNR NRVIS, obtained 2004
Produced by Golder Associates Ltd under license from
Ontario Ministry of Natural Resource. © Queen's Printer 2007

Projection: Transverse Mercator Datum: NAD83 Coordinate System: UTM Zone 27

1,900 0 1,900
SCALE 1:75,000 METERS

LEGEND (KECTHIKAN LAKE)

- INVESTIGATED LINES
- LAKE SHORELINE
- TOPOGRAPHY AND BATHYMETRY CONTOURS

REFERENCES (KETCHIKAN LAKE)

Contour Data and Airial Photograph Supplied by Client

250 0 250
SCALE 1:10,000 METERS

Golder Associates Mississauga, Ontario, Canada	SCALE AS SHOWN DATE May. 13, 2008 DESIGN WEM CAD WEM/BB	TITLE	**KETCHIKAN LAKE SITE PLAN** **ERI LINE LAYOUT**
FILE No. 08-1112-0024- Fig1- Site Location.dwg PROJECT No. 08-1112-0024 REV.	CHECK REVIEW	LANDORE RESOURCES CANADA INC. KETCHIKAN LAKE	FIGURE 1

PLOT DATE: May 13, 2008
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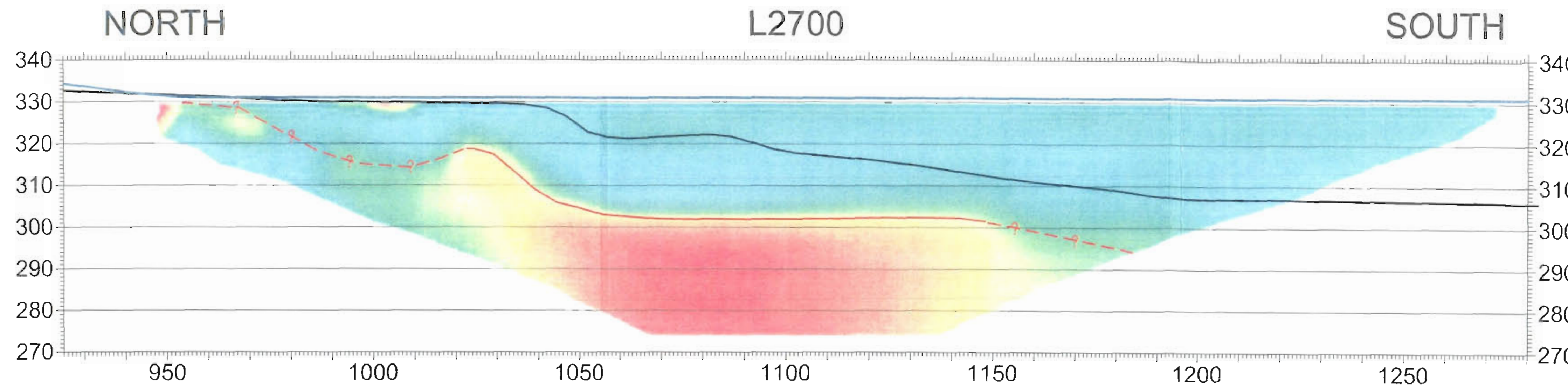

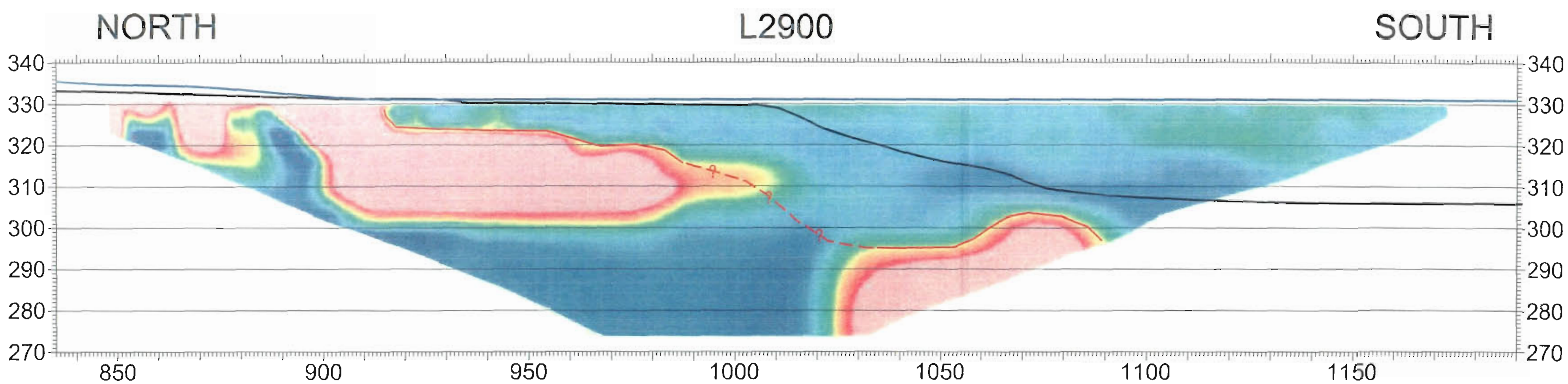

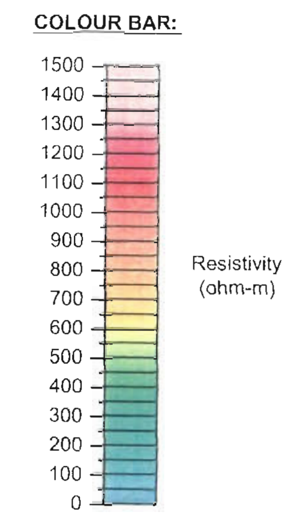

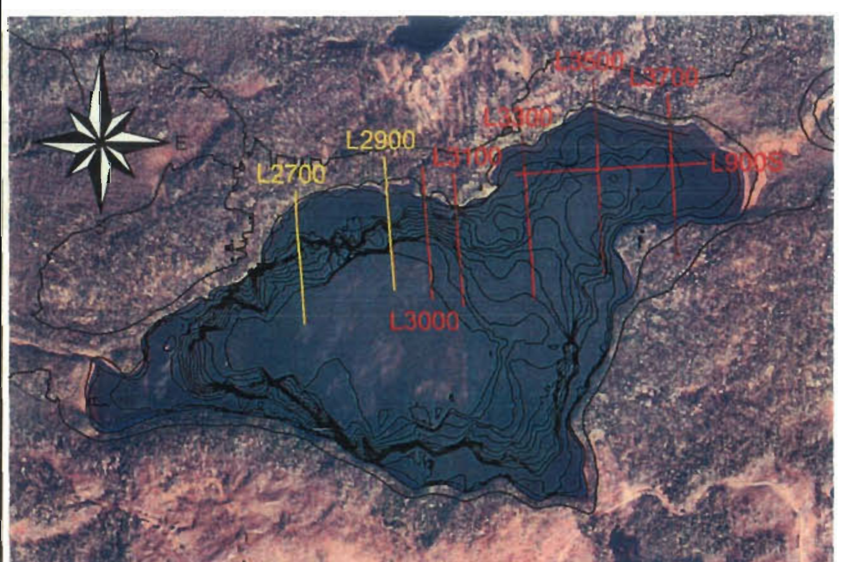

MAP LEGEND:

- LAKE SHORELINE
- TOPOGRAPHY AND BATHYMETRY CONTOURS
- LOCATION OF ERI LINES PROFILED
- LOCATION OF OTHER ERI LINES

MAP SCALE:

500 0 500
1:20000 METERS

PROFILE LEGEND:

- TOPOGRAPHY AND BATHYMETRY ELEVATION (DTM DATA)
- TOPOGRAPHY ELEVATION (FIELD DATA)
- INTERPRETED BEDROCK ELEVATION

PROFILES SCALE:

50 40 30 20 10 0 50
1:1000 METERS

REFERENCES:

1. PROJECTION: TRANVERSE MERCATOR
2. DATUM: NAD83
3. COORDINATE SYSTEM: UTM ZONE 27
4. MAPPING BASED ON CLIENT DATA

NOTES:

1. AERIAL PHOTOGRAPH PROVIDED BY CLIENT

Golder Associates
Mississauga, Ontario, Canada

SCALE	1:2000	TITLE	ERI PROFILE LINES L2700 AND L2900
DATE	May. 13, 2008		
DESIGN	WEM		
CAD	WEM/BB		
CHECK			LANDORE RESOURCES CANADA INC. KETCHIKAN LAKE
REVIEW		FIGURE	2

FILE No. 08-1112-0024- Fig2-5 - Profiles.dwg
PROJECT No. 08-1112-0024 REV.

PLOT DATE: May 13, 2008
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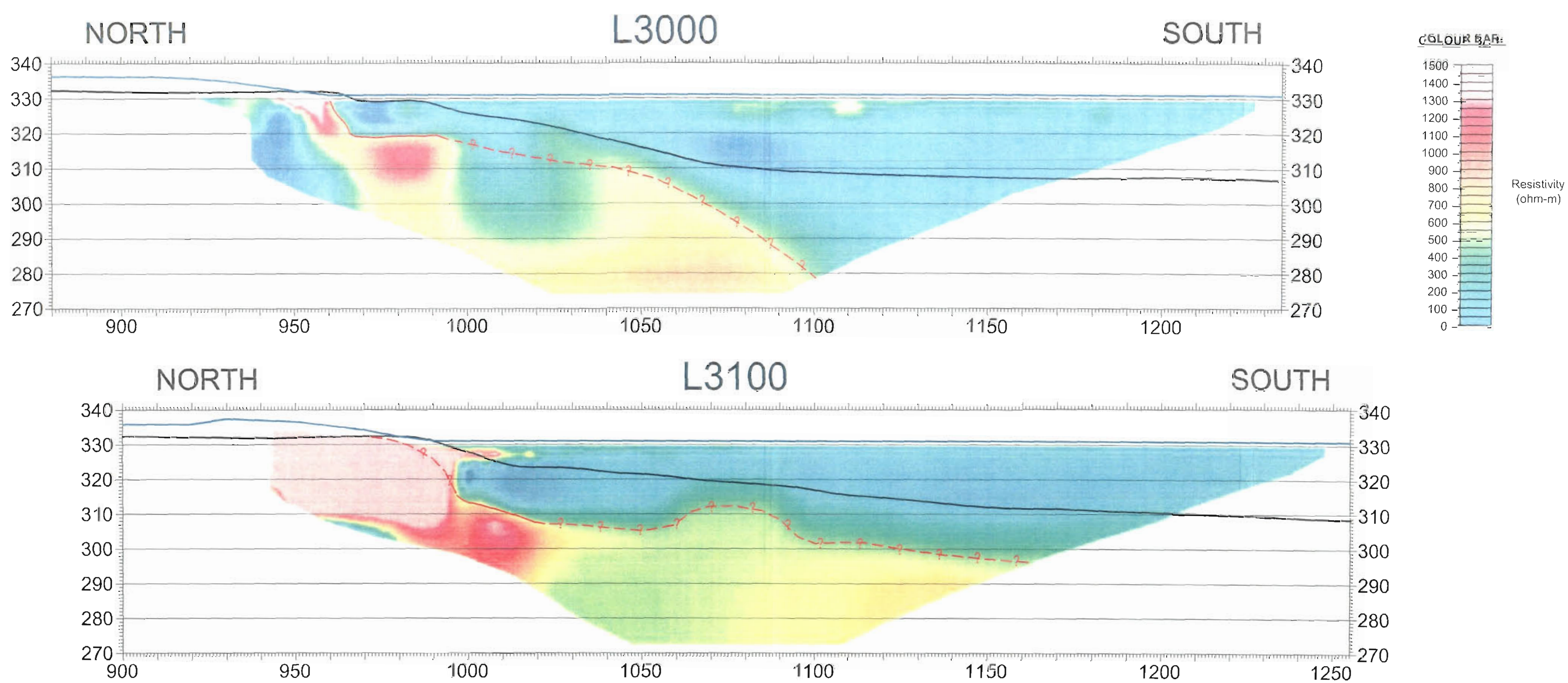

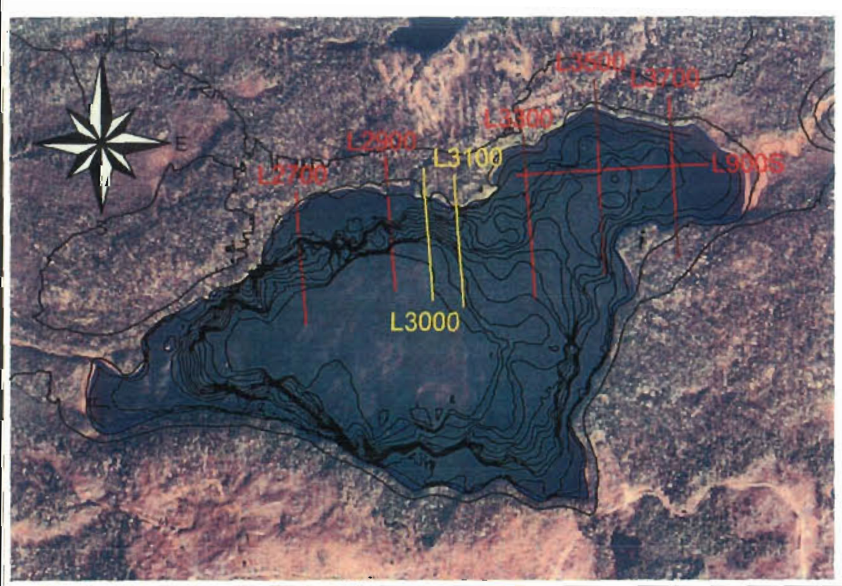

MAP LEGEND:

- LAKE SHORELINE
- TOPOGRAPHY AND BATHYMETRY CONTOURS
- LOCATION OF ERI LINES PROFILED
- LOCATION OF OTHER ERI LINES

MAP SCALE:

500 0 500
1:20000 METERS

PROFILE LEGEND:

- TOPOGRAPHY AND BATHYMETRY ELEVATION (DTM DATA)
- TOPOGRAPHY ELEVATION (FIELD DATA)
- INTERPRETED BEDROCK ELEVATION

PROFILES SCALE:

50 40 30 20 10 0 50
1:1000 METERS

REFERENCES:

1. PROJECTION: TRANVERSE MERCATOR
2. DATUM: NAD83
3. COORDINATE SYSTEM: UTM ZONE 27
4. MAPPING BASED ON CLIENT DATA

NOTES:

1. AERIAL PHOTOGRAPH PROVIDED BY CLIENT

Golder Associates, Mississauga, Ontario, Canada	SCALE 1:2000	TITLE
	DATE May. 13, 2008	**ERI PROFILE LINES L3000 AND L3100**
	DESIGN WEM	
	CAD WEM/BB	
FILE No. 08-1112-0024- Fig2-5 - Profiles.dwg	CHECK	LANDORE RESOURCES CANADA INC. KETCHIKAN LAKE
PROJECT No. 08-1112-0024 REV.	REVIEW	FIGURE 3

PLOT DATE: May 13, 2008
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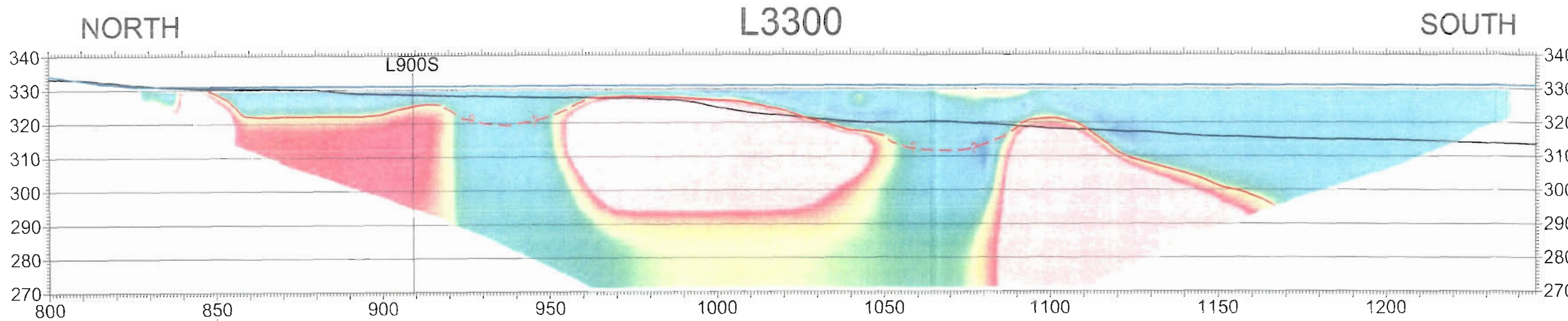
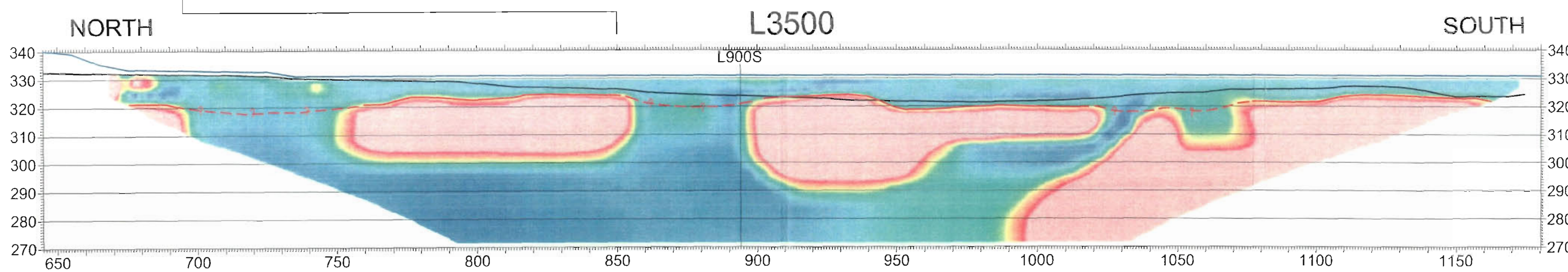
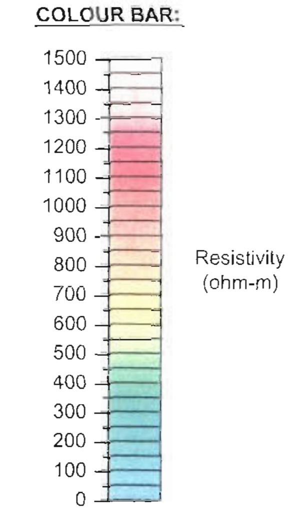
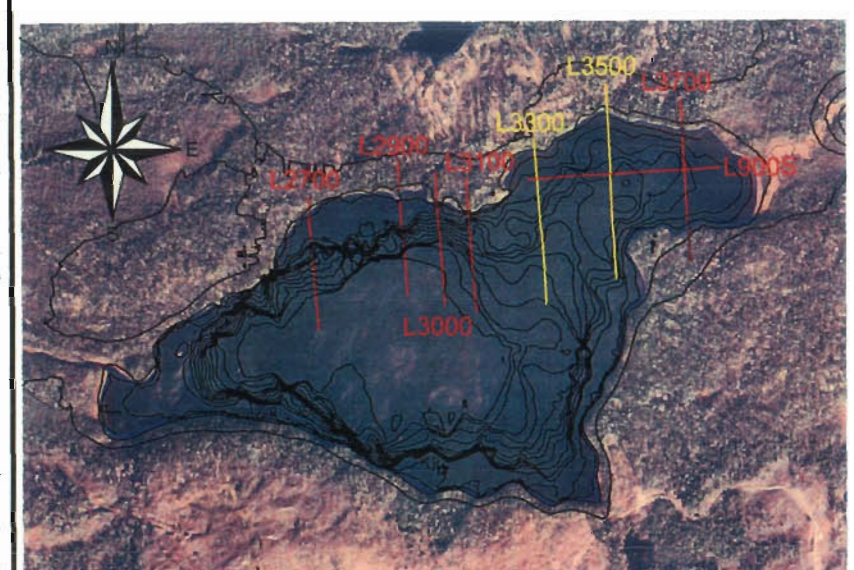








MAP LEGEND:

- LAKE SHORELINE
- TOPOGRAPHY AND BATHYMETRY CONTOURS
- LOCATION OF ERI LINES PROFILED
- LOCATION OF OTHER ERI LINES

MAP SCALE:

500 0 500
1:20000 METERS

PROFILE LEGEND:

- TOPOGRAPHY AND BATHYMETRY ELEVATION (DTM DATA)
- TOPOGRAPHY ELEVATION (FIELD DATA)
- INTERPRETED BEDROCK ELEVATION

PROFILES SCALE:

50 40 30 20 10 0 50
1:1500 METERS

REFERENCES:

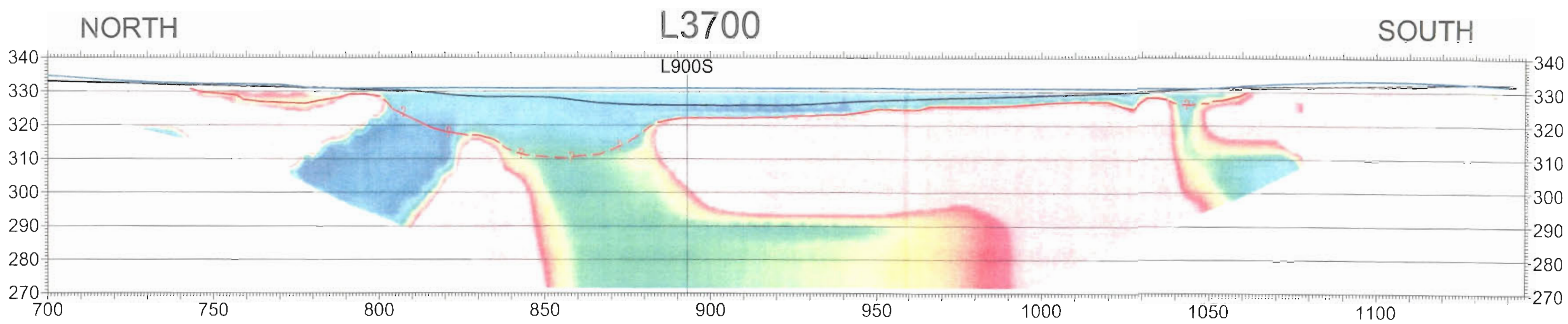
1. PROJECTION: TRANVERSE MERCATOR
2. DATUM: NAD83
3. COORDINATE SYSTEM: UTM ZONE 27
4. MAPPING BASED ON CLIENT DATA

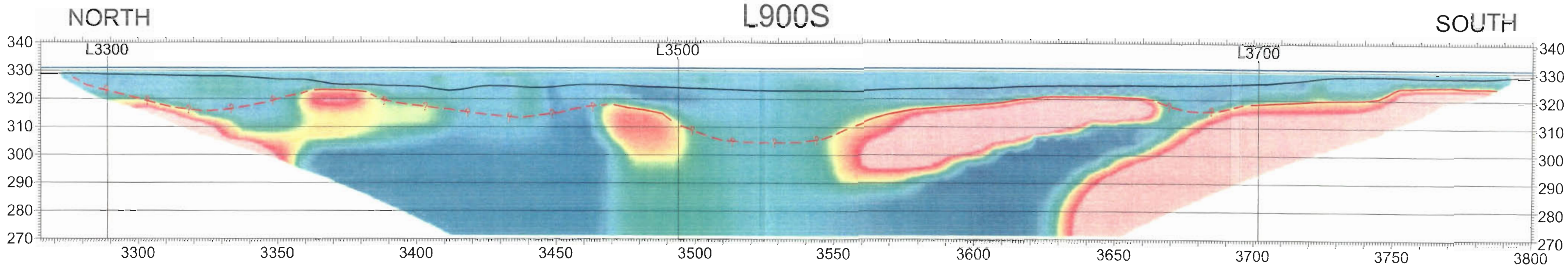
NOTES:

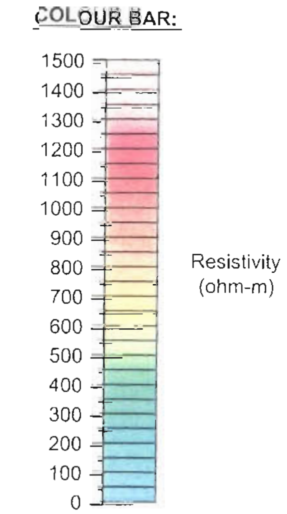
1. AERIAL PHOTOGRAPH PROVIDED BY CLIENT

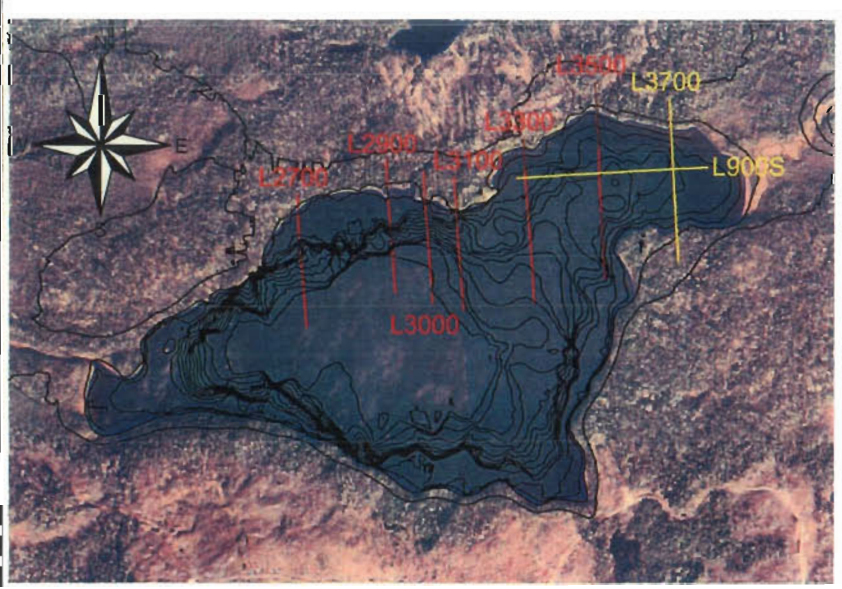
Golder Associates Mississauga, Ontario, Canada	SCALE 1:2000 DATE May. 13, 2008 DESIGN WEM CAD WEM/BB	TITLE **ERI PROFILE LINES L3300 AND L3500**	
FILE No. 08-1112-0024- Fig2-5 - Profiles.dwg PROJECT No. 08-1112-0024 REV.	CHECK REVIEW	LANDORE RESOURCES CANADA INC. KETCHIKAN LAKE	FIGURE 4

PLOT DATE: May 13, 2008
FILENAME: C:\Documents and Settings\wmulder\Desktop\08-1112-0024 Landore ERI Ketchikan\CAD\08-1112-0024- Fig2-5 - Profiles.dwg









MAP LEGEND:

- LAKE SHORELINE
- TOPOGRAPHY AND BATHYMETRY CONTOURS
- LOCATION OF ERI LINES PROFILED
- LOCATION OF OTHER ERI LINES

MAP SCALE:

500 0 500
1:20000 METERS

PROFILE LEGEND:

- TOPOGRAPHY AND BATHYMETRY ELEVATION (DTM DATA)
- TOPOGRAPHY ELEVATION (FIELD DATA)
- INTERPRETED BEDROCK ELEVATION

PROFILES SCALE:

50 40 30 20 10 0 50
1:1500 METERS

REFERENCES:

1. PROJECTION: TRANVERSE MERCATOR
2. DATUM: NAD83
3. COORDINATE SYSTEM: UTM ZONE 27
4. MAPPING BASED ON CLIENT DATA

NOTES:

1. AERIAL PHOTOGRAPH PROVIDED BY CLIENT

Golder Associates
Mississauga, Ontario, Canada

SCALE	1:2000
DATE	May. 13, 2008
DESIGN	WEM
CAD	WEM/BB
CHECK	
REVIEW	

FILE No. 08-1112-0024- Fig2-5 - Profiles.dwg
PROJECT No. 08-1112-0024 REV.

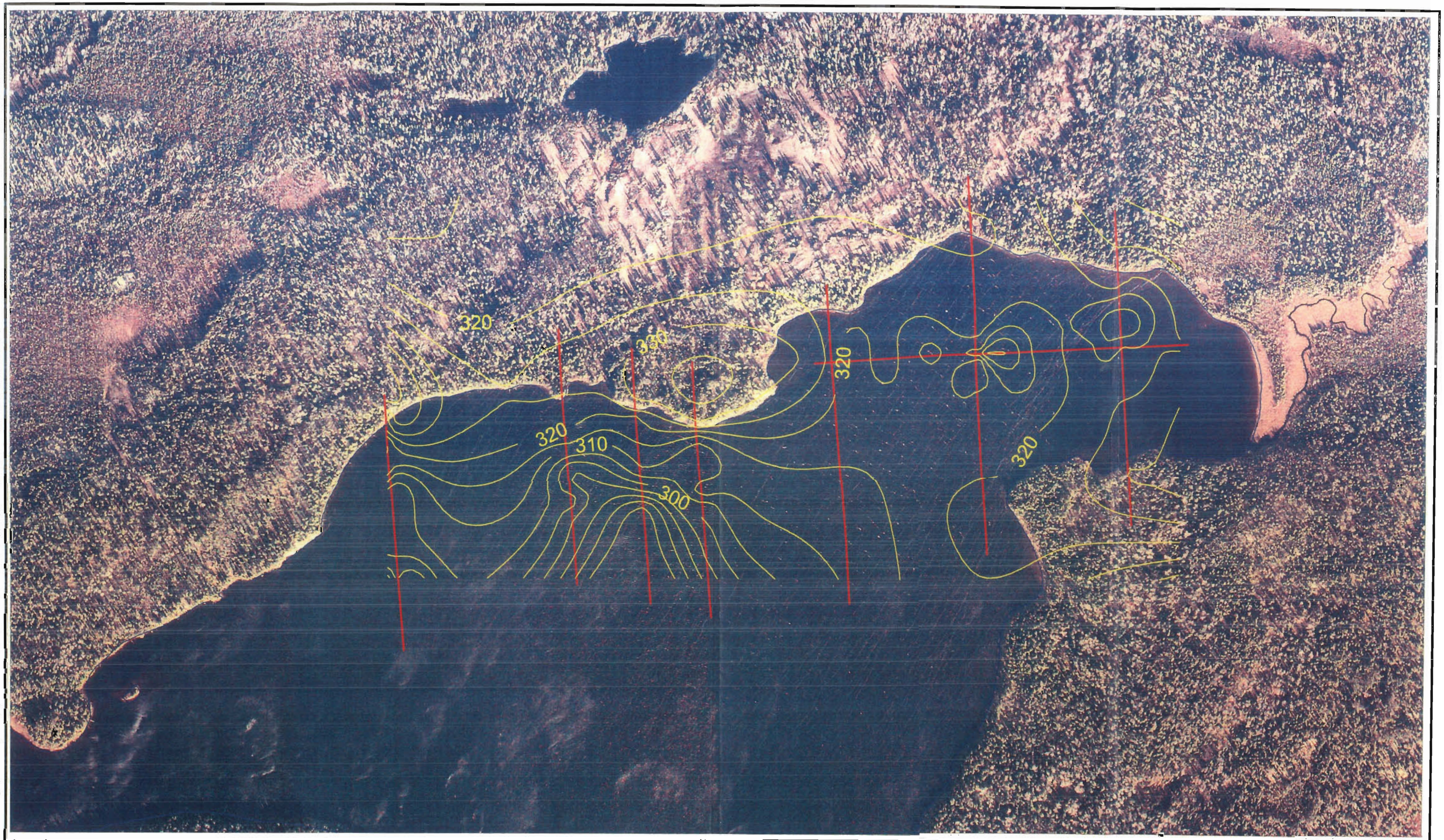
TITLE

ERI PROFILE LINES L3700 AND L900S

LANDORE RESOURCES CANADA INC. KETCHIKAN LAKE

FIGURE 5

PLOT DATE: May 13, 2008
FILENAME: C:\Documents and Settings\wmulder\Desktop\08-1112-0024 Landore ERI Ketchikan\CAD\08-1112-0024- Fig2-5 - Profiles.dwg



Legend

- Lake Shoreline
- ERI Lines
- Estimated Bedrock Elevation

REFERENCES

Air PHoto Supplied by Client
Projection: Transverse Mercator Datum: NAD83 Coordinate System: UTM Zone 27
5m contour interval

125 100 75 50 25 0 125
SCALE 1:5,000 METERS

N
W E
S

Golder Associates
Mississauga, Ontario, Canada

SCALE	AS SHOWN
DATE	May. 13, 2008
DESIGN	WEM
CAD	WEM/BB
CHECK	
REVIEW	

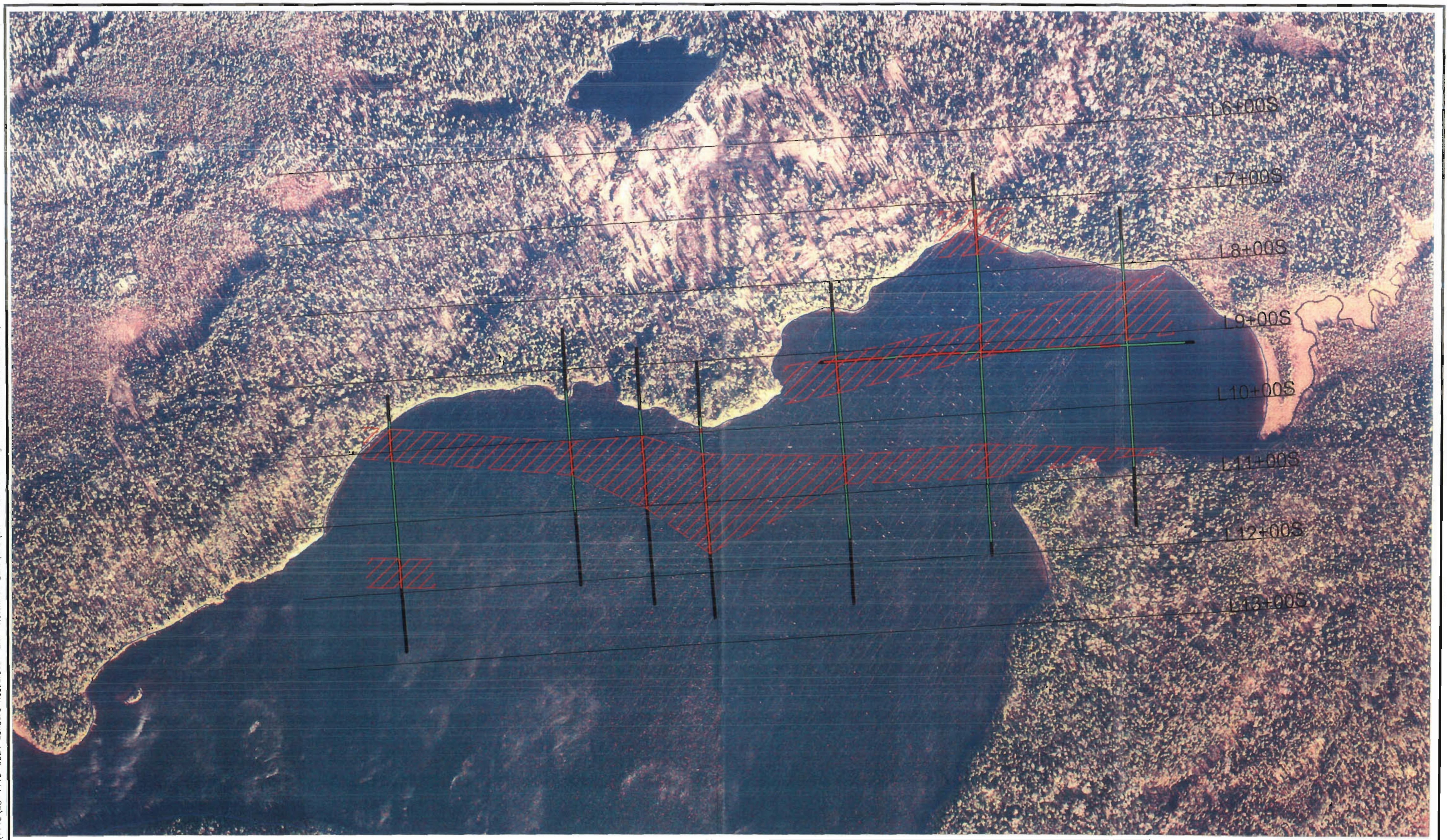
FILE No. 08-1112-0024- Fig6- BedrockSurface.dwg
PROJECT No. 08-1112-0024 REV.

TITLE
KETCHIKAN LAKE INTERPRETED BEDROCK ELEVATION

LANDORE RESOURCES CANADA INC. KETCHIKAN LAKE

FIGURE 6

PLOT DATE: May 13, 2008
FILENAME: C:\Documents and Settings\wmulder\Desktop\08-1112-0024 Landore ERI Ketchikan\CAD\08-1112-0024- Fig6- BedrockSurface.dwg



Legend

- Lake Shoreline
- ERI Lines
- Low Resistivity Contrast zones
- High Resistivity Contrast on ERI Line
- Low Resistivity Contrast on ERI Line

REFERENCES

Air PHoto Supplied by Client
Projection: Transverse Mercator Datum: NAD83 Coordinate System: UTM Zone 27
5m contour interval

125 100 75 50 25 0 125
SCALE 1:5,000 METERS

N
W E
S

Golder Associates
Mississauga, Ontario, Canada

SCALE	AS SHOWN
DATE	Jun. 16, 2008
DESIGN	WEM
CAD	WEM/BB
CHECK	
REVIEW	

FILE No. 08-1112-0024- Fig7- Anomalous Locations.dwg
PROJECT No. 08-1112-0024 REV.

TITLE
KETCHIKAN LAKE
LOW RESISTIVITY CONTRAST ZONES

LANDORE RESOURCES CANADA INC. KETCHIKAN LAKE

FIGURE 7

PLOT DATE: June 17, 2008
FILENAME: M:\Active\2008\1112\08-1112-0024 Landore Resources- ERI -Ketchikan Lake\CAD\08-1112-0024- Fig7- Anomalous Locations.dwg