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Assessment Report on 2006 Exploration on the

Rennie, Meath, West and Stover

Township Properties

Sault Ste. Marie Mining Division

Northeastern Ontario

NTS: 42 B/5 and 42 C/8

Written by;

Jim Laidlaw, RR 3, Madoc ON, K0K 2K0

February 12, 2007

For

Golden Chalice Resources

Jim Laidlaw
Feb 12, 2007

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Introduction

Golden Chalice Resources holds 100% interest in their Rennie, Meath and West Township mineral properties. The claims are located about 75 km northeast of Wawa in northeastern Ontario. These properties are comprised of: 19 unpatented mining claims, totaling 237 units (covering 3792 hectares) situated in Rennie Township and; 21unpatented claims comprised of 272 units (covering 4352 hectares) located in Meath Township; 1unpatented mining claim, totaling 16 units (covering 16 hectares) situated in West Township and; 5 unpatented mining claims, totaling 62 units (covering 992 hectares) situated in Stover Township that are contiguous to the Rennie-Meath-West Township claims of Golden Chalice Resources. These claims are held under option by Golden Chalice Resources from a group of private prospectors and comprise part of this report.

A program of systematic till sampling and stream sediment sampling and ground magnetic surveying was completed over portions of these claims during the summer and fall of 2006. A total of 17 glaciofluvial and 24 till samples and 20 stream sediment samples were collected in order to ascertain the diamond potential of the claim area, by the detection of dispersal trains of chemically favorable kimberlite indicator minerals (KIM's) in transported surficial sediments. Additionally 1 stream sediment, 2 glaciofluvial and 7 till samples were taken off-property albeit down-ice and adjacent to the claim blocks. Dedicated field crews located samples using hand-held GPS instruments and systematic sample observations were recorded on formatted sheets.

Follow-up magnetometer surveys were conducted over Keating magnetic anomalies Magnetometer surveying was composed of flagged grid set-up, followed by a Total Field magnetic survey, with subsequent post processing and presentation of field data as profiles. A total of five control grids and magnetic surveys were conducted in Rennie Township and one grid survey in Meath Township.

Till and stream (modern alluvium) samples were processed by True North Mineral Laboratories of Timmins ON to produce heavy mineral concentrates in order to assess and describe for kimberlite indicator minerals, (and metallic minerals and other heavy minerals of potential economic interest).
Claim due dates for the completion of work are on: the Rennie Township claims is February 15, 2007 and; for the Meath and West Township claims, the due date is April 18, 2007 and; the Stover Township a revised assessment report is due February 23, 2007.
Therefore, as outlined in this report, expenditures made by the company towards exploration activities on their mineral claims are to be applied for assessment work credits, in order to keep these mineral claims in good standing as per the Ontario Mining Act.

Location and Access

The claims are located in the Sault Ste. Marie Mining Division. These claims are situated in Rennie and Meath Townships. To access the property, from Wawa ON, take Hwy 101 about 65km east, turning north onto Hwy 651, drive about 48km to the Missanabie - Renabie Mine Road (forest access road) intersection, turn right. A) Meath Township access; head about 5.4 km to UTM point 16U 721963E 5359721N, at a road intersection nearby a seasonally worked gravel pit, turn left and head about 2 km NW to UTM point 16U 720891E 5360935N; Post Number 2 of claim 4202839 is located approximately 480m east and; B) Rennie Township claims is accessed continuing NE from UTM point 16U 721963E 5359721N for about 1.7 km to UTM point 17U 279406E 5361229N. Post Number 3 of claim 4203087 is located 310m south.
Figure 1 - Property location map and access to the Rennie, Meath, Stover and West Township Claims, 1: 100 000

Ownership and Property Description

Golden Chalice Resources holds 100% interest in their Rennie, Meath and West Township mineral properties. The claims are located about 75 km northeast of Wawa in northeastern Ontario. These properties are comprised of: 19 unpatented mining claims, totaling 237 units (covering 3792 hectares) situated in Rennie Township and; 21unpatented claims comprised of 272 units (covering 4352 hectares) located in Meath Township; 1unpatented mining claim, totaling 16 units (covering 16 hectares) situated in West Township and; 5 unpatented mining claims, totaling 62 units (covering 992 hectares) situated in Stover Township that are contiguous to the Rennie-Meath-West Township claims of Golden Chalice Resources. These claims are held under option by Golden Chalice Resources from a group of private prospectors and comprise part of this report. A complete listing of claims referred to in this report is provided in

Appendix A – Rennie, Meath, West and Stover Township Property Claims

Regional and Property Geology (after: Riley, R.A., 1971, GR 90, Ont. Div. of Mines)

Regional

The Golden Chalice Resources mineral claim properties are located in Rennie and Meath Townships. These townships comprise an area of about 178 square kilometers situated on the northeast end of Michipicoten metavolcanic-metasedimentary belt centred about 75 km northeast of Wawa ON.

The metavolcanic-metasedimentary sequence consist of the following: a lower mafic metavolcanic unit of predominately metabasalt flows; an overlying unit of intermediate to felsic metavolcanics, principally metamorphosed dacite and quartz latite pyroclastics and subordinate flows; an overlying and in part intercalated upper mafic metavolcanic unit of metabasalt flows; an upper intermediate to felsic metavolcanic unit consisting mainly of metamorphosed dacite and quartz latite pyroclastics with subordinate and locally derived metasediments.
Complex granitic batholiths consisting predominantly of foliated to gneissic granodiorite and trondhjemite cut by massive to slightly foliated varieties of the same rock types border and intrude the metavolcanics on the north and west. Two large granodiorite stocks, one hornblende syenite stock and several smaller granite stocks and sills cut both the metavolcanic-metasedimentary sequence and the granite batholiths.

Unconsolidated Pleistocene sediment consisting of ground and terminal moraine and glaciofluvial and glaciolacustrine deposit are extensive.

Regional fold trends are in a general east-west direction, but have been disrupted by the intrusion of the granitic rocks. Two main directions of faulting are present: northwest and northeast. The north-northwest-trending Meath Lake Fault is of regional proportions and areomagnetics (O.D.M.-G.S.C. 1963a; 1963b) suggest an apparent horizontal offset, west side south, of as much as three miles.

Gold, zinc, silver, lead, copper, and iron mineralization are present in the Glasgow-Meath-Rennie area.

Property Geology

Metavolcanic rocks with subordinate amounts of metasedimentary and metagabbroic rock underlie about 50 percent of the Glasgow-Meath-Rennie area. Mafic metavolcanics, primarily metabasalts, predominate in the central parts of Rennie and Meath Townships and the southern part of Glasgow Township. Intermediate to felsic metavolcanic flows and pyroclastic rocks are common in the southeastern and southwestern parts of Rennie Township and the southern part of Meath Township, and in minor amounts in the mafic metavolcanics sequences in the southern part of Glasgow Township. Metasedimentary rocks occur only locally and seem to be of local derivation; they are most common along the southwestern boundary of Rennie Township. Metagabbro occurs in minor amounts and is most abundant in the southern part of Glasgow Township.

Massive to gneissic granitic batholiths border the metavolcanics on the north and west in the map-area and are also present immediately east of Rennie Township. Stocks, dikes and sills of massive granitic rocks have intruded the metavolcanic sequence.

Mafic intrusive rocks included several ages of diabase dikes with predominantly north-northwest trends, two northeast-trending quartz diorite dikes, and several narrow massive basaltic dikes. Several small plugs and sills of ultramafic rocks have been mapped. One dike of granophyre is present on the Dog River south of Marin Lake.

Unconsolidated ground moraine, terminal moraine, and glaciofluvial and glaciolacustrine deposits of Pleistocene age cover most of the map area.

Personnel

See Appendix B – Personnel, Dates Worked, Number of Days per Person and Township, a summary tally of work discussed below.

Diamond Sampling Discussion

Diamond exploration in glaciated terrain differs from precious or base metal exploration in that it uses indicator minerals and boulders, instead of till geochemistry, to detect glacial dispersal from a kimberlite. Kimberlites are small (few hundred meters across), circular point sources. They are relatively soft rocks that have been preferentially eroded by preglacial weathering and glacial scouring to deeper levels than the surrounding bedrock surface and as a consequence are covered by lakes or thick glacial sediments.
In areas covered by multiple till sheets and glaciolacustrine deposits sampling of glacial debris requires careful determination of the till horizon being samples in order trace an up-ice source. Evidence from the indicator minerals themselves can help to predict the distance the minerals have traveled from their source. Angularity, abrasions, variety and type of mineral are all indications of transport distance.

Till and Stream Sampling Procedures

Sampling till and stream sediments from the Rennie – Meath Township Claims were accomplished using a combination of vehicle and boat and foot traverses. Sample site spacing was determined before commencing field work and UTM co-ordinates were uploaded into handheld GPS units. These UTM locations served as a general guide for field crews to traverse to in order to obtain till material or stream sediment for subsequent heavy mineral extraction. Stream sediments were obtained from heavy mineral trap sites such as from downstream of boulders, pot holes in the stream bed or gravel bars in stream bends. Till sample pits (and stream sediments) were hand dug using long-handled round-nose shovels, the sample pit depths varied

from .20m up to 1.00m. Pre-numbered 6 mil plastic sample bags were filled so that about 5 kg of till soil or stream sediment material was obtained, a sample number tag was enclosed within the sample and the sample bags were securely closed using double wraps of flagging tape as ties. Sample site were flagged with sample number and general sample comments noted; such as Sample Number, Zone, Easting, Northing, Claim Number, Township and Sample Comments: i.e. sample medium, landform or stream characteristics and drainage, color and kimberlite indicator mineral (KIM's) analysis. In the case of the till material the sample holes were left open. Samples were then promptly taken to the field office at the end of each working day.

The samples were secured and controlled at the Golden Chalice Resources field office located in Missanabie ON. Here the samples were inventoried as a double check against the field data notes so that all samples were accounted for. Subsequently, a large sample shipment was dispatched December 15, 2006 to True North Minerals Laboratories Inc. in Timmins ON, via bonded carrier, Manitoulin Transport, from their Wawa ON shipping facility.

See the following figures (in back pocket) for traverses and sample locations:

Figures 2a, 2b, 2c and 2d - Traverses and Sample Sites for Till and Glaciofluvial Samples in Rennie, Meath, Stover and West Township Claims, 1:20 000

Figure 3a, 3b, 3c and 3d.Traverse and Sample Sites for Stream Sediment Samples in Rennie, Meath, Stover and West Township Claims, 1:20 000

Analytical Procedures Discussion

True North Mineral Laboratories Inc, located at 475 Railway Street, Timmins Ontario, P4N 2P5, telephone (705) 268-0303 was engaged to extract and analyse till/stream sediments for kimberlite indicator minerals (KIM's).

True North Mineral Laboratories Inc. heavy mineral procedure is as follows:

Sieving, Sorting, Pre-wash

The sieves are thoroughly cleaned and inspected to eliminate any possibility of contamination from previous samples. The sample is washed through a stack of sieves. This process provides a preliminary wash for the mineral grains and sorts them by size. Typical sieve sizes used are:

Tyler Mesh	Metric Equivalent
# 12	1.7mm
# 20	0.85mm
# 40	0.43mm
# 70	0.21mm

Sieve mesh sizes used for any particular sample can be found in the attached appendices that provides sample weights and mineral grain observations. Normally a lower size limited is determined and accepted beforehand. Samples material below than the lowest mesh size is normally washed away. In some cases all of the fine material is kept for possible microscope study, particularly in the case of an expensive sample

Washing

Each resulting size fraction is washed thoroughly with clean water and dish soap as it is removed from the sieves. Any organic material remaining with each size fraction is floated off and washed away through repeated washing and rinsing. Washing is complete when the mineral grains are free of any organics, soap and fine silt.

Drying

The resulting size fractions are then dried. An oven can be used to speed drying time. Once dry each of the size fractions is bagged in a plastic zip-loc bag and weighed. The resulting weight is recorded in both hand written log form and on computer spreadsheet. Clear labels must accompany each fraction through all remaining procedures.

Heavy Liquid Separation

The resulting size fractions are looked at to determine which fraction(s) are suitable for heavy liquid separation. Larger size fractions may not contain enough mineral grains to make heavy liquid separation worthwhile. Smaller size fractions can provide the greatest number of heavy grains for observation in the resulting heavy mineral concentrate. However, fine grains can be more difficult to handle during microscope work. Each sample will have one or more size fractions that are better suited for the process than the others.

The selected size fraction is run through a heavy liquid process where all grains having a density greater than 2.85g/ml (sinks) are separated from the lighter fraction material (floats). All kimberlite indicator minerals will sink, as will other minerals of economic interest, such as gold.

Both the sinks and floats are rinsed thoroughly rinsed in distilled water. The distilled water is saved for recycling as most of the heavy liquid can be recaptured later. Both portions are then dried. An oven can be used to speed drying time. The floats are normally put in storage as the grains may warrant further study should the heavy mineral portion yield positive results. Abrasion due to grain transport for example, can help to determine transport distances. The sinks, or heavy mineral concentrate moves on to the next stage.

Observation and Picking

The microscope observation table and surrounding area must be thoroughly cleaned to ensure there are no grains around from past samples. A clean paper table clothe cover is placed under the microscope to cover the surrounding table top. All handling is done on the table cover.

Small portions of the heavy mineral concentrates are place in plastic dishes in preparation for microscope observation. A small hand magnet is used to pull out and separate any magnetic grains from each dish. The magnetic grains are carefully placed into separate dishes for observation. This portion will be stored separately in a numbered plastic vial.

The non-magnetic portion of the heavy mineral concentrate is observed using binocular microscope and a good light source. When visually identified, kimberlitic indicator minerals or any mineral grains of interest are manually picked using tweezers and placed in a numbered plastic vial. A computer log is maintained during observations where notes are linked to sample number, fraction, vial number and other basic information. When observations of each dish are complete, any remaining, unpicked grains are placed into a separate, numbered plastic vial using a small funnel. Observation notes are backed up regularly onto CD and archived. All vials are weighed on a fine scale and documented by hand written log and computer spreadsheet before storage.

Important grains or vials of picked grains that are selected for further analysis, such as SEM and microprobe are photographed through the microscope using a digital camera. The total number of grains to be sent for analysis is verified by counting them on the digital images using suitable graphics software. Normally all grains sent for SEM or microprobe analysis are returned, mounted on a slide or plug. The digital photograph, observation notes and grain count can be used at the time for basic verification and identification of analyzed grains. Copies of the digital photographs can be shipped to the analytical lab along with the selected vials of grains. This helps the receiver to confirm all grains were received and discrepancies can be noted by both parties.

Till Sampling Results

Appendix C – Till sample results Attached

Magnetometer Survey

Possible kimberlite targets have been identified from the residual magnetic intensity data, based on the identification of roughly circular anomalies. This procedure was automated by using a known pattern recognition technique (Keating, 1995), which consists of computing, over a moving window, a first-order regression between a vertical cylinder model anomaly and the gridded magnetic data. Only the results where the absolute value of the correlation coefficient is above a threshold of 75% were retained. The results are depicted as circular symbols, scaled to reflect the correlation value. The most favorable targets are those that exhibit a cluster of high amplitude solutions. Correlation coefficients with a negative value correspond to reversely magnetized sources. It is important to be aware that other magnetic sources may correlate well with the vertical cylinder model, whereas some kimberlite pipes of irregular geometry may not.

Keating Correlation Coefficients (modified from Ontario airborne geophysical surveys, magnetic data, Wawa area; Ontario Geological Survey, Geophysical Data Set 1009 – Revised, 2003.)

Follow-up Total Field Magnetometer surveys were conducted over Keating magnetic anomalies identified from OGS, Geophysical Data Set 1009 – Revised 2003, situated in Rennie and Meath Townships; there being prospective due to these features appearing as discrete circular isolated and accessible magnetic anomalies.

Magnetometer surveying was composed of flagged grid set-up, followed by a Total Field magnetic survey, with subsequent post processing and presentation of field data as profiles. A total of five control grids and magnetic surveys were conducted in Rennie Township and one grid survey in Meath Township.

See Appendix D – Magnetometer Survey Statistics for Grids: ME_04; REN_01; REN_02; REN_03; REN_04 and; REN_05, for details regarding grids and magnetometer survey parameters. Accompanying each of the grid stat reports are the Total Field Magnetics (Profiles) and the complimentary Total Field Magnetics (Postings) grid maps:

Grid: ME_04, 1:2 500 scale or 1 cm = 25 m;
Grid: REN_01, 1:2 500 scale or 1 cm = 25 m;
Grid: REN_02, 1:2 500 scale or 1 cm = 25 m;
Grid: REN_03, 1:2 500 scale or 1 cm = 25 m;
Grid: REN_04, 1:2 500 scale or 1 cm = 25 m;
Grid: REN_05, 1:2 500 scale or 1 cm = 25 m.

Magnetometer Survey Results

Total Field Magnetometer surveying from all six grid areas show similar magnetic responses: typically dyke-like linear features striking approximately in an east-west direction. The anomalies are characterized by well-define, narrow magnetic-high apical profiles.

Qualifying Statement

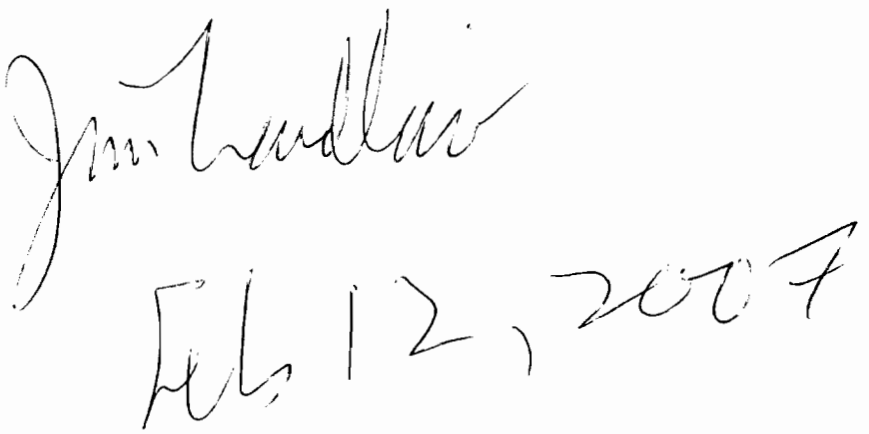
I, Jim Laidlaw, residing at RR #3, Madoc ON, K0K 2K0 state the following in conjunction with respects to this report:

I wrote this report and produced the accompanying tables and maps based on information provided by Golden Chalice Resources and information that I derived from hands-on experience from my being in a supervisory capacity during the bulk of the heavy mineral prospecting, particularly during the Fall of 2006;

That, I and my partners hold a 25% each, beneficial interest in mineral claims in (West) and Stover Township, claim numbers 1248885, 3002120, 3002121, 3006499 and 3006500 that are held under an option agreement with Golden Chalice Resources and which comprises one of the areas covered by the above work expenditures as outlined in this report.

Respectfully Submitted

Jim Laidlaw
In Missanabie ON
12 February 2007



Appendix A – Rennie, Meath, West and Stover Township Property Claims List

Mining Lands - Mining Claims Client Report

SAULT STE. MARIE Mining Division -

Client: 401921 - GOLDEN CHALICE RESOURCES INC

Township/Area	Claim Number	Recording Date	Claim Due Date	Status	Percent Option	Work Required	Total Applied	Total Reserve	Claim Bank
MEATH	4202820	2005-Apr-18	2007-Apr-18	A	100%	$6,400	$0	$0	$0
MEATH	4202821	2005-Apr-18	2007-Apr-18	A	100%	$4,400	$0	$0	$0
MEATH	4202822	2005-Apr-18	2007-Apr-18	A	100%	$6,000	$0	$0	$0
MEATH	4202823	2005-Apr-18	2007-Apr-18	A	100%	$6,400	$0	$0	$0
MEATH	4202824	2005-Apr-18	2007-Apr-18	A	100%	$6,400	$0	$0	$0
MEATH	4202825	2005-Apr-18	2007-Apr-18	A	100%	$6,400	$0	$0	$0
MEATH	4202826	2005-Apr-18	2007-Apr-18	A	100%	$1,600	$0	$0	$0
MEATH	4202827	2005-Apr-18	2007-Apr-18	A	100%	$6,400	$0	$0	$0
MEATH	4202828	2005-Apr-18	2007-Apr-18	A	100%	$6,400	$0	$0	$0
MEATH	4202829	2005-Apr-18	2007-Apr-18	A	100%	$4,800	$0	$0	$0
MEATH	4202830	2005-Apr-18	2007-Apr-18	A	100%	$4,800	$0	$0	$0
MEATH	4202831	2005-Apr-18	2007-Apr-18	A	100%	$6,400	$0	$0	$0
MEATH	4202832	2005-Apr-18	2007-Apr-18	A	100%	$6,400	$0	$0	$0
MEATH	4202833	2005-Apr-18	2007-Apr-18	A	100%	$6,400	$0	$0	$0
MEATH	4202834	2005-Apr-18	2007-Apr-18	A	100%	$6,400	$0	$0	$0
MEATH	4202835	2005-Apr-18	2007-Apr-18	A	100%	$4,800	$0	$0	$0
MEATH	4203499	2005-Apr-18	2007-Apr-18	A	100%	$400	$0	$0	$0
MEATH	4203500	2005-Apr-18	2007-Apr-18	A	100%	$400	$0	$0	$0
MEATH	4208615	2006-Mar-06	2008-Mar-06	A	100%	$5,600	$0	$0	$0
MEATH	4208616	2006-Mar-06	2008-Mar-06	A	100%	$6,000	$0	$0	$0
MEATH	4208617	2006-Mar-06	2008-Mar-06	A	100%	$6,000	$0	$0	$0
RENNIE	3013261	2005-Aug-24	2007-Aug-24	A	100%	$3,200	$0	$0	$0
RENNIE	3013262	2005-Aug-24	2007-Aug-24	A	100%	$3,200	$0	$0	$0
RENNIE	4202836	2005-Apr-18	2007-Apr-18	A	100%	$4,800	$0	$0	$0
RENNIE	4202837	2005-Apr-18	2007-Apr-18	A	100%	$6,400	$0	$0	$0
RENNIE	4202838	2005-Apr-18	2007-Apr-18	A	100%	$3,200	$0	$0	$0
RENNIE	4202839	2005-Apr-18	2007-Apr-18	A	100%	$6,400	$0	$0	$0
RENNIE	4203087	2005-Nov-28	2007-Nov-28	A	100%	$3,600	$0	$0	$0
RENNIE	4203592	2005-Feb-15	2007-Feb-15	A	100%	$4,800	$0	$0	$0
RENNIE	4203593	2005-Feb-15	2007-Feb-15	A	100%	$3,200	$0	$0	$0
RENNIE	4203594	2005-Feb-15	2007-Feb-15	A	100%	$4,800	$0	$0	$0
RENNIE	4203595	2005-Feb-15	2007-Feb-15	A	100%	$6,400	$0	$0	$0
RENNIE	4203596	2005-Feb-15	2007-Feb-15	A	100%	$6,400	$0	$0	$0
RENNIE	4203597	2005-Feb-15	2007-Feb-15	A	100%	$6,400	$0	$0	$0
RENNIE	4203598	2005-Feb-15	2007-Feb-15	A	100%	$6,400	$0	$0	$0
RENNIE	4203599	2005-Feb-15	2007-Feb-15	A	100%	$6,400	$0	$0	$0
RENNIE	4203607	2005-Apr-18	2007-Apr-18	A	100%	$6,400	$0	$0	$0
RENNIE	4203608	2005-Apr-18	2007-Apr-18	A	100%	$4,800	$0	$0	$0
RENNIE	4203610	2005-Apr-18	2007-Apr-18	A	100%	$1,600	$0	$0	$0
RENNIE	4203611	2005-Apr-18	2007-Apr-18	A	100%	$6,400	$0	$0	$0
WEST	3015664	2005-Apr-18	2007-Apr-18	A	100%	$6,400	$0	$0	$0
STOVER	1248885	2003-Oct-28	2006-Oct-28	A	Under Option	$3,197	$9,603	$0	$0
STOVER	3002120	2005-May-17	2007-May-17	A	Under Option	$6,400	$0	$0	$0
STOVER	3002121	2005-May-17	2007-May-17	A	Under Option	$3,200	$0	$0	$0
STOVER	3006499	2004-Jun-28	2007-Jun-28	A	Under Option	$2,400	$2,400	$1,272	$0
STOVER	3006500	2004-Jun-28	2007-Jun-28	A	Under Option	$6,400	$6,400	$988	$0

Appendix B - Personnel, Dates Worked, Number of Days per Person and Township

Personel	Dates Worked	Work Performed	Number of Days/Person	Township
B. Hume	1-Aug-06	Till sampling		Rennie
	2-Aug-06	Till sampling		Meath
	3-Aug-06	Till sampling	3	Meath
G. Hume	30-Jul-06	Till sampling		Meath
	1-Aug-06	Till sampling		Rennie
	2-Aug-06	Till sampling		Meath
	3-Aug-06	Till sampling	4	Meath
D. Sullivan	18-Jul-06	Till sampling		Meath
	1-Aug-06	Till sampling		Rennie
	2-Aug-06	Till sampling		Meath
	3-Aug-06	Till sampling		Meath
	5-Nov-06	Till sampling		Meath
	6-Nov-06	Till sampling		Meath
	14-Nov-06	Till sampling		West
	15-Nov-06	Till sampling		Meath
	16-Nov-06	Till sampling		Rennie
	17-Nov-06	Till sampling		Rennie
	18-Nov-06	Till sampling		Rennie
	19-Nov-06	Till sampling	12	Meath
F. Longpre	5-Nov-06	Till sampling	1	Meath
S. Polson	13-Nov-06	Till sampling		Meath
	14-Nov-06	Till sampling		West
	15-Nov-06	Till sampling		Meath
	16-Nov-06	Till sampling		Rennie
	17-Nov-06	Till sampling	5	Rennie
A. Sigouin	9-Aug-06	Line cutting		Rennie
	10-Aug-06	Line cutting		Rennie
	11-Aug-06	Line cutting		Rennie
	12-Aug-06	Line cutting		Meath
	13-Aug-06	Line cutting		Rennie
	16-Aug-06	Line cutting		Rennie
	26-Aug-06	Line cutting		Rennie
	13-Nov-06	Stream sampling		Meath
	14-Nov-06	Stream sampling		Meath
	15-Nov-06	Stream sampling		Meath

Appendix B - Personnel, Dates Worked, Number of Days per Person and Township

Personel	Dates Worked	Work Performed	Number of Days/Person	Township
A. Sigouin	16-Nov-06	Stream sampling		Meath
	17-Nov-06	Stream sampling		Meath
	18-Nov-06	Stream sampling		Meath
	19-Nov-06	Stream sampling	14	Meath
P. Smith	26-Aug-06	Line cutting	1	Rennie
C. Gilmour	9-Aug-06	Line cutting		Rennie
	10-Aug-06	Line cutting		Rennie
	11-Aug-06	Line cutting		Rennie
	12-Aug-06	Line cutting		Rennie
	13-Aug-06	Line cutting		Rennie
	16-Aug-06	Line cutting	6	Meath
G. Coyne	14-Nov-06	Till sampling		Rennie
	15-Nov-06	Till sampling		Rennie
	16-Nov-06	Till sampling		Rennie
	17-Nov-06	Till sampling	4	Rennie
M. Tremblay	1-Aug-06	Till sampling		Rennie
	2-Aug-06	Till sampling		Meath
	3-Aug-06	Till sampling	3	Meath
J. Savard	9-Aug-06	Mag Survey		Rennie
	11-Aug-06	Mag Survey		Rennie
	13-Aug-06	Mag Survey		Rennie
	17-Aug-06	Mag Survey		Rennie
	8-Sep-07	Mag Survey		Meath
	10-Sep-07	Mag Survey	6	Rennie
J. Laidlaw	2-Dec-06	Supervision		Missanabie ON Field Office
	3-Dec-06	Supervision		Missanabie ON Field Office
	4-Dec-06	Supervision		Missanabie ON Field Office
	17-Jan-07	Report writting		Missanabie ON Field Office
	18-Jan-07	Report writting		Missanabie ON Field Office
	22-Jan-07	Report writting		Missanabie ON Field Office
	23-Jan-07	Report writting		Missanabie ON Field Office
	24-Jan-07	Report writting		Missanabie ON Field Office
	30-Jan-07	Report writting		Missanabie ON Field Office
	1-Feb-07	Report writting		Missanabie ON Field Office
	2-Feb-07	Report writting		Missanabie ON Field Office

Appendix B - Personnel, Dates Worked, Number of Days per Person and Township

Personel	Dates Worked	Work Performed	Number of Days/Person	Township
J. Laidlaw	3-Feb-07	Report writting		Missanabie ON Field Office
	11-Feb-07	Report writting		Missanabie ON Field Office
	12-Feb-07	Report writting		Missanabie ON Field Office
	13-Feb-07	Report writing and mailing	15	Missanabie ON Field Office/ Timmins ON
		Total Days	**74**	

Appendix C

Table 1: Glacialfluvial and Till Samples Collected for KIM Analysis; Sample Numbers, UTM Reference Locations, Claim Numbers, Townships and Sample Comments.

Sample Number	Zone	Easting	Northing	Claim	Township	Sample Comments	Cost Per Sample
7901	17	280937	5362072	4203593	Rennie	Glaciofluvial; analyse for KIM's.	$ 363.75
78701	16	713510	5359769	3015663	Meath	Glaciofluvial, esker ridge/sand/well drained/yellow grey; analyse for KIM's.	$ 277.33
78709	16	718100	5361158	4202833	Meath	Glaciofluvial, sand/esker ridge/well drained/light brown grey; analyse for KIM's.	$ 356.82
78710	16	718442	5361444	4202833	Meath	Glaciofluvial, esker/sand/ridge/well drained/grey brown; analyse for KIM's.	$ 355.91
78711	16	718860	5361616	4202833	Meath	Glaciofluvial, esker/well drained/grey brown; analyse for KIM's.	$ 367.08
78712	16	719271	5361686	4202833	Meath	Glaciofluvial, esker/well drained/yellowish brown; analyse for KIM's.	$ 352.00
78713	16	719710	5361476	4202833	Meath	Glaciofluvial, esker/well drained /grey; analyse for KIM's..	$ 397.75
78714	16	720044	5361253	4202839	Meath	Glaciofluvial, esker/well drained/light olive grey; analyse for KIM's.	$ 358.50
78715	16	720420	5361117	4202839	Meath	Glaciofluvial, esker/well drained/pinkish grey; analyse for KIM's.	$ 379.08
78717	16	720830	5361000	4202839	meath	Glaciofluvial, sand/esker/well drained/yellowish red; analyse for KIM's.	$ 335.75
78719	16	721433	5360469	1248885	West	Glaciofluvial, esker/edge of run off/well drained/light yellowish brown; analyse for KIM's.	$ 361.50
78720	16	721757	5360208	3002121	Stover	Glaciofluvial, esker/sand/well drained/light olive brown; analyse for KIM's.	$ 336.58
78721	17	277812	5359761	3006500	Stover	Glaciofluvial, esker/sand/moderately drained/strong brown; analyse for KIM's.	$ 341.33
78722	17	278165	5359992	3006500	Stover	Glaciofluvial, rolling esker/sand/moderately drained/strong brown; analyse for KIM's.	$ 354.66
78724	17	278851	5359233	3002120	Stover	Glaciofluvial, boulder/esker/well drained/light yellowish brown; analyse for KIM's.	$ 353.33
78726	17	279819	5360974	4203087	Rennie	Glaciofluvial, esker/sand/well drained/light olive brown; analyse for KIM's.	$ 343.91
78728	17	280627	5361175	4203592	Rennie	Glaciofluvial, esker/sand/moderately drained/light olive brown; analyse for KIM's.	$ 391.16
7925	16	714384	5362215	4208615	Meath	Till; analyse for KIM's.	$ 288.25
7926	16	711802	5359558	3015664	Meath	Till; analyse for KIM's.	$ 338.25
7927	16	712090	5359558	3015664	West	Till; analyse for KIM's.	$ 282.25
78591	16	714861	5362101	4203500	Meath	Till, well drained 50cm pale red; analyse for KIM's.	$ 294.50
78592	16	714689	5361815	4208615	Meath	Till, well drained 45cm pale red; analyse for KIM's.	$ 352.33
78593	16	714664	5361417	4208615	Meath	Till, well drained 35cm reddish grey; analyse for KIM's.	$ 374.58
78600	16	721861	5359759	3006500	Stover	Till, pit run; analyse for KIM's.	$ 302.50
78668	17	284400	5366016	1192301	Rennie	Till, well drained silty sand 20cm; analyse for KIM's.	$ 694.00
78702	16	715585	5361089	4202827	Meath	Till, on bedrock/sandy/well drained/orange brown; analyse for KIM's.	$ 110.33
78703	16	716044	5361131	4202827	Meath	Till, flat/sandy/poorly drained/grey yellow; analyse for KIM's.	$ 340.00
78704	16	716422	5361060	4202827	Meath	Till, well drained/grey; analyse for KIM's.	$ 297.00
78705	16	716851	5361011	4202832	Meath	Till, poorly drained/grey; analyse for KIM's.	$ 339.58
78707	16	717662	5361007	4202832	Meath	Till, bedrock sample/sandy till/well drained/yellow; analyse for KIM's.	$ 336.41
78708	16	717851	5360981	4202832	Meath	Till, bedrock sample /well drained/olive grey; analyse for KIM's.	$ 370.08
78723	17	278494	5359705	3006500	Stover	Till, bedrock sample/sandy till/well drained/strong brown; analyse for KIM's.	$ 318.58
78725	17	279400	5360996	4203087	Rennie	Till, bedrock sample/sandy/no pebbles/red; analyse for KIM's.	$ 300.50
78727	17	280249	5361037	4203087	Rennie	Till, flat lying sandy/poorly drained/light brown grey; analyse for KIM's.	$ 347.75
78729	17	281050	5361395	4203592	Rennie	Till, level/sandy/dark grey; analyse for KIM's.	$ 404.91
78730	17	281384	5361205	4203592	Rennie	Till, level/sandy/olive grey; analyse for KIM's.	$ 371.83
78731	17	281773	5360960	4203592	Rennie	Till, level /sandy/olive; analyse for KIM's.	$ 371.08
78732	17	282174	5360849	4203592	Rennie	Till, level/sandy/moderately drained/dark brown; analyse for KIM's.	$ 108.66
61509	17	281878	5361163	4203592	Rennie	Till, clay mixed with sand/gray; analyse for KIM's.	$ 343.00
81510	17	281957	5361259	4203592	Rennie	Till, clay mixed with sand/gray; analyse for KIM's.	$ 317.75
61511	17	282005	5361300	4203592	Rennie	Till, clay mixed with sand/gray; analyse for KIM's.	$ 314.25
78716	16	717521	5360708	off-property	Meath	Glaciofluvial, sand/well drained/grey; analyse for KIM's.	$ 337.74

Appendix C

Table X: Glacialfluvial and Till Samples Collected for KIM Analysis; Sample Numbers, UTM Reference Locations, Claim Numbers, Townships and Sample Comments.

Sample Number	Zone	Easting	Northing	Claim	Township	Sample Comments	Cost Per Sample
78718	16	721162	5360769	off-property	meath	Glaciofluvial, silty sample/esker/well drained/light grey; analyse for KIM's.	$ 371.41
78594	16	714533	5361057	off-property	Meath	Till, well drained 45cm light reddish brown; analyse for KIM's.	$ 392.41
78595	16	714389	5360706	off-property	Meath	Till, well drained 40cm brown; analyse for KIM's.	$ 317.25
78596	16	714355	5360375	off-property	Meath	Till, well drained 30cm reddish brown; analyse for KIM's.	$ 393.74
78597	16	715055	5360319	off-property	Meath	Till, well drained 40cm reddish brown; analyse for KIM's.	$ 291.50
78598	16	714565	5360157	off-property	Meath	Till, well drained 40cm reddish brown; analyse for KIM's.	$ 486.83
78599	16	715384	5360681	off-property	Meath	Till, well drained 50cm pale red; analyse for KIM's.	$ 310.00
78706	16	717179	5360793	off-property	Meath	Till, sand/well drained/brown yellow; analyse for KIM's.	$ 285.66
							$ 17,131.35

On-Property samples

17 Glacialfluvial samples

24 Till samples

41 Samples Total

Off-property Samples

2 Glacialfluvial samples

7 Till samples

9 Samples Total

Heavy mineral extraction and analysis for Kimberlite Indicator Minerals performed by True North Mineral Laboratory, 475 Railway Street, Timmins, ON, P4N 2P5.

Analytical Certificate(s): !!!!

See Map Number !!!!

Datum: NAD 27

N.T.S. 42B/5 and 42C/8

Appendix C.

Table 2 Beach Sediment and Stream Sediment Collected for KIM Analysis; Sample Numbers, UTM Reference Locations, Claim Numbers, Townships and Sample Comments.

Sample Number	Zone	Easting	Northing	Claim	Township	Sample Comments	Cost Per Sample
78657	16	713161	5361398	4202822	Meath	Beach sample; no current, off-shore lake bottom steep drop-off; analyse for KIM's.	$ 273.00
78655	17	279463	5361347	4203087	Rennie	Baach sample; analyse for KIM's.	$ 317.00
78663	17	281054	5362141	4203593	Rennie	Beach sample; analyse for KIM's.	$ 326.25
7928	16	712034	5359528	3015664	West	Stream sediment; analyse for KIM's.	$ 327.00
78651	16	719993	5361292	4202839	Abitibi	Stream sediment; large boulders; analyse for KIM's.	$ 409.48
78652	16	712318	5360009	4202821	Meath	Stream sediment; medium sand with silt and clay; analyse for KIM's.	$ 330.58
78653	16	713223	5359917	3015663	Meath	Stream sediment; fine sand with silt and clay; analyse for KIM's.	$ 329.00
78654	16	715240	5362071	4202827	Meath	Stream sediment; medium sand with silt and clay; analyse for KIM's.	$ 443.49
78656	16	713920	5361552	4208615	Meath	Stream sediment; strong current with about 80% round to angular boulders; analyse for KIM's.	$ 227.66
78658	16	713819	5360756	Off-property	Meath	Stream sediment; good current-s-w flow; analyse for KIM's.	$ 399.25
78660	16	721916	5359367	300660	Stover	Stream sediment; side of creek no flow; analyse for KIM's.	$ 273.00
78661	16	721586	5359801	300660	Stover	Stream sediment; small creek slow current; analyse for KIM's.	$ 350.75
78671	16	719497	5361633	4202833	Meath	Stream sediment; slow current shallow creek; analyse for KIM's.	$ 302.50
78569	17	283884	5361764	3018208	Rennie	Stream sediment; SE Stephenson Lake; analyse for KIM's.	$ -
78659	17	277763	5358131	3006499	Rennie	Stream sediment; medium flow rocky bottom; analyse for KIM's.	$ 288.00
78662	17	281098	5362235	3013262	Rennie	Stream sediment; medium flow with about 95% boulders; analyse for KIM's.	$ 289.33
78664	17	281646	5362675	3013262	Rennie	Stream sediment; medium flow with about 95% boulders; analyse for KIM's.	$ 291.33
78665	17	286218	5366716	1192259	Rennie	Stream sediment; mouth of creek; analyse for KIM's.	$ 283.75
78666	17	286218	5367307	1192302	Rennie	Stream sediment; beaver dam slow current; analyse for KIM's.	$ 483.20
78667	17	283638	5366169	1192301	Rennie	Stream sediment; shallow medium flow-rocky; analyse for KIM's.	$ 220.00
78670	17	284375	5364928	4203611	Rennie	Stream sediment; analyse for KIM's.	$ 250.00
							$ 6,414.57

2 Beach Samples
19 Stream Sediment Samples

Heavy mineral extraction and analysis for Kimberlite Indicator Minerals performed by True North Mineral Laboratory, 475 Railway Street, Timmins, ON, P4N 2P5.
Analytical Certificate(s): !!!!
See Map Number !!!!
Datum: NAD 27
N.T.S. 42B/5 and 42C/8

TRUE NORTH MINERAL LABORATORIES

Mineral Processing Summary

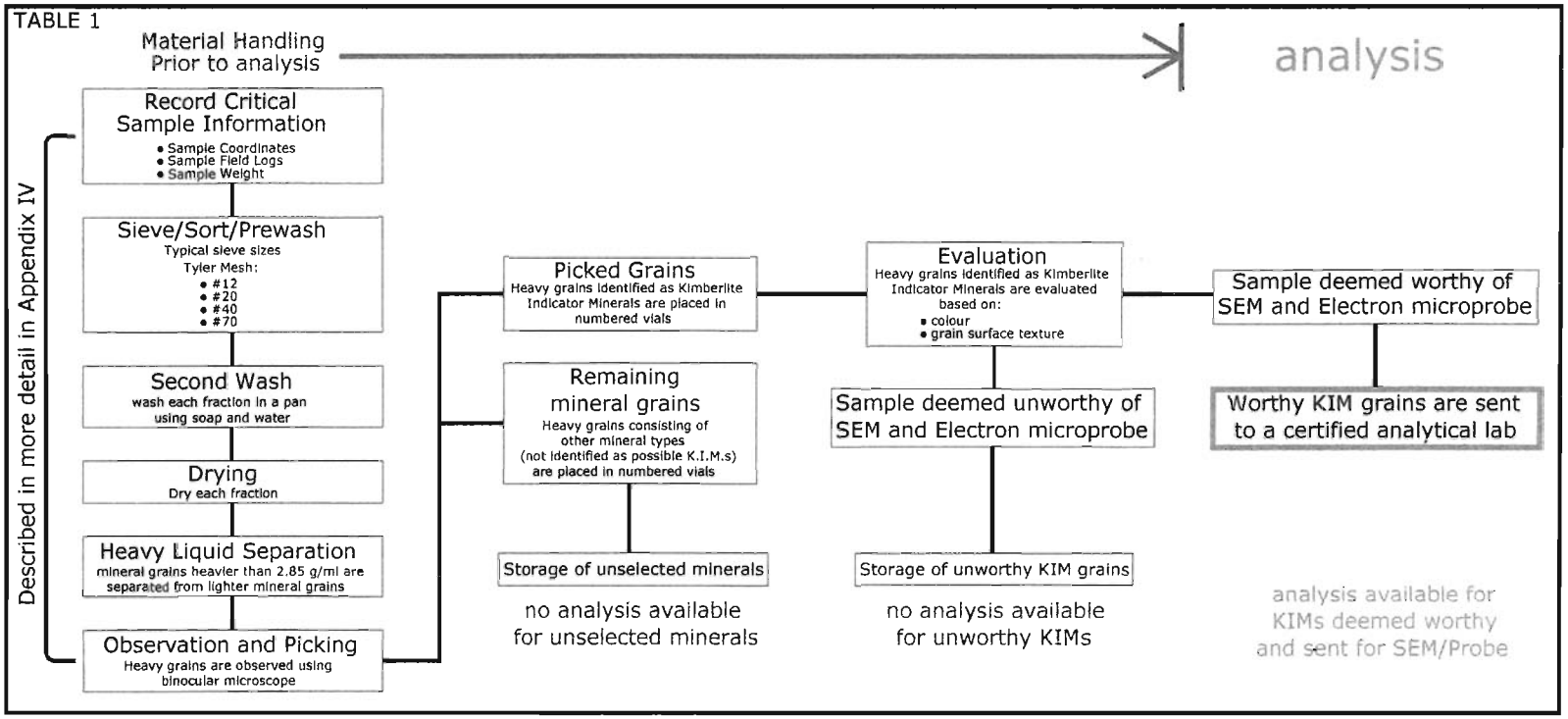
February 2007

For

Chalice Diamond Corporation

Date: February 2007

Material Handling Prior to Analysis



True North Mineral Laboratories Inc.

Appendix C

Abbreviations	Meaning
Concentrate	-mineral grains with specific gravity >2.85g/ml
Floats	-mineral grains with specific gravity <2.85g/ml
(g)	-grams
HMS	-Heavy Mineral Separation
RNM	-Remaining Non-Magnetic Concentrate after picking
#12 Tyler Mesh	-1.7mm
#20 Tyler Mesh	-0.85mm
#40 Tyler Mesh	-0.43mm
#70 Tyler Mesh	-0.21mm

True North Mineral Laboratories Inc.											
Appendix C											
Project:											
Client: Chalice Diamond Corporation											
Sample No.	Field Weight	Selected for HMS	Total Fraction	Total Floats	Total Concentrate	Vial # **Picks**	Vial # R.N.M.	Vial # Magnetic	Vial # **Select Picks**	Vial # Metallic Grains	Notes
	(g)	(tyler mesh)	(g)	(g)	(g)	**Concentrate**	Concentrate	Concentrate	**Concentrate**	**Concentrate**	
81511	3337.57	<20>40	138	129.39	8.61	**3604**	3606	3605	**4003**		
81510	1372.8	<20>40	74.53	69.99	4.54	**3601**	3603	3602	**4008**		
81509	2521.92	<20>40	116	107.37	8.63	**3579**	3581	3580	**4009**		
78732	5000	<20>40	300	272.15	27.85	**5254**	5256	5255	**5338**		Split-washed 5000g
78731	15344.43	<20>40	300	262.1	37.9	**5233**	5235	5234	**5337**		Disaggregated
78730	5000	<20>40	300	280.45	19.55	**5266**	5268	5267	**5356**		Split-washed 5000g
78729	5000	<20>40	300	275.12	24.88	**5230**	5232	5231	**5336**		Split-washed 5000g
78728	5000	<20>40	300	283.48	16.52	**5215**	5217	5216	**5335**		Split-washed 5000g
78727	5000	<20>40	300	262.42	37.58	**5291**	5293	5292	**5359**		Split-washed 5000g
78726	5000	<20>40	137.1	130.57	6.53	**5227**	5229	5228	**5334**		Split-washed 5000g
78725	5000	<20>40	211.7	202.02	9.68	**5239**	5241	5240	**5333**		Split-washed 5000g
78724	4244.11	<20>40	300	284.79	15.21	**5050**	5052	5051	**5159**		
78723	5000	<20>40	300	286.91	13.09	**5301**	5303	5302	**5362**		Split-washed 5000g
78722	5000	<20>40	298.5	275.92	22.58	**5212**	5214	5213	**5332**		Split-washed 5000g
78721	5000	<20>40	300	285.26	14.74	**5194**	5196	5195	**5331**		Split-washed 5000g
78720	5000	<20>40	300	283.73	16.27	**5051**	5053	5052	**5330**		Split-washed 5000g
78719	5000	<20>40	300	261.47	38.53	**5310**	5312	5311	**5364**		Split-washed 5000g
78718	5179.11	<20>40	300	282.21	17.79	**5206**	5208	5207	**5329**		
78717	5202.99	<20>40	300	277.54	22.46	**5224**	5226	5225	**5328**		
78716	5175.53	<20>40	300	286.28	13.72	**5161**	5163	5162	**5327**		
78715	5000	<20>40	300	282.98	17.02	**5248**	5250	5249	**5326**		Split-washed 5000g
78714	5000	<20>40	300	263.15	36.85	**5257**	5259	5258	**5325**		Split-washed 5000g
78713	5257.11	<20>40	300	284.5	15.5	**5218**	5220	5219	**5324**		
78712	5000	<20>40	300	276.47	23.53	**5275**	5277	5276	**5357**		Split-washed 5000g
78711	5000	<20>40	300	277.37	22.63	**5197**	5199	5198	**5323**		Split-washed 5000g
78710	5000	<20>40	300	285.13	14.87	**5221**	5223	5222	**5322**		Split-washed 5000g
78709	5000	<20>40	300	283.29	16.71	**5278**	5280	5279	**5358**		Split-washed 5000g
78708	5000	<20>40	300	280.26	19.74	**5170**	5172	5171	**5321**		Split-washed 5000g
78707	5000	<20>40	300	269.49	30.51	**5307**	5309	5308	**5363**		Split-washed 5000g
78706	5000	<20>40	300	282.05	17.95	**5185**	5187	5186	**5320**		Split-washed 5000g

True North Mineral Laboratories Inc.											
Appendix C											
Project:											
Client: Chalice Diamond Corporation											
Sample No.	Field Weight	Selected for HMS	Total Fraction	Total Floats	Total Concentrate	Vial # **Picks**	Vial # R.N.M.	Vial # Magnetic	Vial # **Select Picks**	Vial # Metallic Grains	Notes
	(g)	(tyler mesh)	(g)	(g)	(g)	**Concentrate**	Concentrate	Concentrate	**Concentrate**	**Concentrate**	
78705	5000	<20>40	294.2	280.33	13.87	**5242**	5244	5243	**5319**		Split-washed 5000g
78704	5000	<20>40	300	285.09	14.91	**5143**	5145	5144	**5318**		Split-washed 5000g
78703	5000	<20>40	300	282.32	17.68	**5295**	5297	5296	**5360**		Split-washed 5000g
78702	4943.24	<20>40	212.2	182.78	29.42	**5137**	5139	5138	**5317**		
78701	5000	<20>40	300	281.45	18.55	**5236**	5238	5237	**5316**		Split-washed 5000g
78671	3160.1	<20>40	351.58	244.21	107.37	**6042**	6044	6043	**6360**		
78670	5000	<20>40	300	285.47	14.53	**6243**	6244	6245	**6519**		Split-washed 5000g
78668	6757.97	<20>40	300	260.1	39.9	**5105**	5107	5106	**5160**		Sample Split in half
		<12>20	300	257.59	42.41	**5203**	5205	5204	**5294**		
78667	4365.88	<20>40	300	279.18	20.82	**6232**	6234	6233	**6515**		
78666	5536.11	<20>40	300	288.88	11.12	**5915**	5916	N/A	**6278**		
78665	5000	<20>40	300	297.2	2.8	**6226**	6227	N/A	**6513**		Split-washed 5000g
78664	1643.79	<20>40	300	285.23	14.77	**4947**	4949	4948	**5115**		
78663	6832.23	<20>40	300	291.06	8.94	**5077**	5079	5078	**5158**		Sample Split in half
78662	3403.73	<20>40	300	277.28	22.72	**4956**	4958	4957	**5157**		
78661	4893.1	<20>40	300	284.65	15.35	**5074**	5076	5075	**5156**		
78660	6410.75	<40>70	92	88.08	3.92	**5065**	5067	5066	**5155**		Sample Split in half
78659	6258.6	<20>40	300	282.48	17.52	**5068**	5070	5069	**5154**		Sample Split in half
78658	7389.48	<20>40	300	266.97	33.03	**5059**	5061	5060	**5153**		Sample Split in half
78657	4371.77	<20>40	300	271.16	28.84	**4983**	4985	4984	**5152**		
78656	4580.48	<20>40	300	269.15	30.85	**4986**	4988	4987	**5133**		
78655	6990.96	<20>40	300	284.64	15.36	**5071**	5073	5072	**5132**		Sample Split in half
78654	5235.05	<20>40	300	271	29	**5056**	5058	5057	**5131**		Sample Split in half
78653	5038.71	<40>70	251	238.13	12.87	**5260**	5262	5261	**5290**		
78652	4755.7	<20>40	230	222.22	7.78	**5062**	5064	5063	**5130**		
78651	2288.05	<20>40	300	264.97	35.03	**5932**	5934	5933	**6284**		
78600	4922.16	<20>40	300	281.18	18.82	**4926**	4928	4927	**5109**		
78599	4684.39	<20>40	300	285.23	14.77	**4879**	4881	4880	**5096**		
78598	5298.02	<20>40	300	283.15	16.85	**4908**	4910	4909	**5101**		Sample Split in half
78597	6460.89	<20>40	246	235.27	10.73	**4885**	4887	4886	**5097**		Sample Split in half

True North Mineral Laboratories Inc.

Appendix C

Project:

Client: Chalice Diamond Corporation

Sample No.	Field Weight	Selected for HMS	Total Fraction	Total Floats	Total Concentrate	Vial # **Picks**	Vial # R.N.M.	Vial # Magnetic	Vial # **Select Picks**	Vial # Metallic Grains	Notes
	(g)	(tyler mesh)	(g)	(g)	(g)	**Concentrate**	Concentrate	Concentrate	**Concentrate**	**Concentrate**	
78596	5460.65	<20>40	300	279.16	20.84	**4920**	4922	4921	**5104**		Sample Split in half
78595	5312	<20>40	230	219.09	10.91	**4944**	4946	4945	**5114**		Sample Split in half
78594	4763.98	<20>40	300	285.17	14.83	**4923**	4925	4924	**5108**		
78593	4923	<20>40	290	277.21	12.79	**4917**	4919	4918	**5103**		
78592	5117.2	<20>40	304	293.7	10.3	**4941**	4943	4942	**5113**		Sample Split in half
78591	7005.24	<20>40	300	293.19	6.81	**4905**	4907	4906	**5100**		Sample Split in half
78569	3706.03	<20>40	112	101.23	10.77	**4835**	4837	4836	**5090**		
7928	2449.21	<20>40	300	267.67	32.33	**2258**	2260	2259	**3680**		
7927	1373.95	<20>40	300	291.68	8.32	**2252**	2254	2253	**3675**		
7926	1598.33	<20>40	138	129.68	8.32	**2255**	2257	2256	**3676**		
7925	1667.8	<20>40	98	91.98	6.02	**2246**	2248	2247	**3674**		
7901	3555.81	<20>40	300	285.54	14.46	**1891**	1893	1892	**3596**		

True North Mineral Laboratories Inc.

Appendix C

Where observed concentrates and picked grains from this program were deemed not worthy of further SEM and Microprobe analysis the microscope observations are included in the current report as well as photographs found in Appendix III.

Abbreviations	Meaning
CHR	-Chromite
CLR/WHT	-Clear/White
CPX	-Clinopyroxene
ECL	-Eclogitic garnet
GAR	- Garnet
ILM	-Ilmenite
OLI	- Olivine
OPX	- Orthopyroxene

True North Mineral Laboratories Inc.

Appendix K

Project:

Client: Chalice Diamond Corporation

Summary of Heavy Mineral Observation

Sample No.	Fraction	Vial #	GAR	ECL	CPX	ILM	CHR	OPX	OLI	CLR/WHT	Total Number	Remarks	Observer	Date
81511	<20>40	4003	1	2	0	2	1	0	3	2	11		AS/AC	Sept 18/06
81510	<20>40	4008	0	2	0	1	1	0	2	1	6		AS/AC	Sept 18/06
81509	<20>40	4009	1	2	0	3	3	0	3	5	17		AS/AC	Sept 18/06
78732	<20>40	5338	1	2	4	0	1	0	3	1	12		AS/AC	Dec 20/06
78731	<20>40	5337	1	1	4	1	2	1	6	6	22		AS/AC	Dec 20/06
78730	<20>40	5356	1	1	5	1	3	1	6	1	19		AS/AC	Dec 20/06
78729	<20>40	5336	1	1	3	1	2	0	2	2	12		AS/AC	Dec 20/06
78728	<20>40	5335	1	1	3	0	2	0	3	2	12		AS/AC	Dec 20/06
78727	<20>40	5359	0	1	3	0	0	1	5	5	15		AS/AC	Dec 20/05
78726	<20>40	5334	1	1	4	0	1	0	3	0	10		AS/AC	Dec 20/05
78725	<20>40	5333	1	1	2	1	3	0	2	1	11		AS/AC	Dec 20/06
78724	<20>40	5159	1	1	5	2	3	1	1	0	14		AS/AC	Dec 11/06
78723	<20>40	5362	1	1	2	0	1	0	0	0	5		AS/AC	Dec 20/06
78722	<20>40	5332	1	1	3	1	1	0	2	0	9		AS/AC	Dec 19/06
78721	<20>40	5331	1	1	3	0	0	0	2	3	10		AS/AC	Dec 19/06
78720	<20>40	5330	1	1	3	0	2	0	4	2	13		AS/AC	Dec 19/06
78719	<20>40	5364	1	1	2	0	0	1	2	1	8		AS/AC	Dec 20/06
78718	<20>40	5329	1	1	3	1	1	0	3	0	10		AS/AC	Dec 19/06
78717	<20>40	5328	1	1	3	0	1	1	2	0	9		AS/AC	Dec 19/06
78716	<20>40	5327	1	1	4	0	1	1	3	1	12		AS/AC	Dec 19/06
78715	<20>40	5326	1	1	4	2	2	1	4	3	18		AS/AC	Dec 19/06
78714	<20>40	5325	1	1	3	1	2	0	2	2	12		AS/AC	Dec 19/06
78713	<20>40	5324	1	1	5	1	1	2	5	7	23		AS/AC	Dec 19/06
78712	<20>40	5357	1	1	3	0	0	0	0	3	8		AS/AC	Dec 20/06
78711	<20>40	5323	1	1	5	1	0	1	3	2	14		AS/AC	Dec 19/06
78710	<20>40	5322	1	1	5	1	1	0	1	4	14		AS/AC	Dec 19/06
78709	<20>40	5358	1	1	5	1	0	0	3	2	13		AS/AC	Dec 20/06
78708	<20>40	5321	2	1	4	1	1	1	3	2	15		AS/AC	Dec 19/06
78707	<20>40	5363	1	2	3	1	0	1	4	1	13		AS/AC	Dec 20/06
78706	<20>40	5320	1	0	3	0	0	1	3	3	11		AS/AC	Dec 19/06
78705	<20>40	5319	1	2	3	0	2	1	3	2	14		AS/AC	Dec 18/06
78704	<20>40	5318	1	1	4	1	2	0	4	6	19		AS/AC	Dec 19/06
78703	<20>40	5360	1	1	1	1	1	1	2	1	9		AS/AC	Dec 20/06
78702	<20>40	5317	1	1	2	0	1	0	2	0	7		AS/AC	Dec 19/06

True North Mineral Laboratories Inc.

Appendix IC

Project:

Client: Chalice Diamond Corporation

Summary of Heavy Mineral Observation

Sample No.	Fraction	Vial #	GAR	ECL	CPX	ILM	CHR	OPX	OLI	CLR/WHT	Total Number	Remarks	Observer	Date
78701	<20>40	5316	1	1	6	1	2	1	2	4	18		AS/AC	Dec 19/06
78671	<20>40	6360	1	2	0	0	0	0	2	0	5		AS/TP	Feb 5/07
78670	N/A													
78668	<20>40	5160	2	1	2	4	4	1	4	5	23		AS/AC	Dec 11/06
	<12>20	5294	2	0	2	0	1	0	2	0	7		AS/AC	Dec 18/06
78667	N/A													
78666	<20>40	6278	0	1	3	0	1	1	3	1	10		AS/TP	Feb 7/07
78665	N/A													
78664	<20>40	5115	1	1	3	2	1	0	3	3	14		AS/AC	Dec 8/06
78663	<20>40	5158	0	1	3	1	2	1	5	2	15		AS/AC	Dec 11/06
78662	<20>40	5157	0	1	3	1	0	0	4	2	11		AS/AC	Dec 11/06
78661	<20>40	5156	1	1	3	1	0	0	5	3	14		AS/AC	Dec 11/06
78660	<40>70	5155	0	0	3	0	0	0	1	7	11		AS/AC	Dec 11/06
78659	<20>40	5154	1	1	4	1	0	0	4	5	16		AS/AC	Dec 11/06
78658	<20>40	5153	1	2	5	1	0	1	5	6	21		AS/AC	Dec 11/06
78657	<20>40	5152	1	1	3	1	3	0	1	1	11		AS/AC	Dec 11/06
78656	<20>40	5133	1	1	4	1	0	1	4	3	15		AS/AC	Dec 11/06
78655	<20>40	5132	1	1	4	1	1	1	3	2	14		AS/AC	Dec 11/06
78654	<20>40	5131	1	1	4	3	4	0	5	6	24		AS/AC	Dec 11/06
78653	<40>70	5290	1	2	3	0	0	1	6	10	23		AS/AC	Dec 18/06
78652	<20>40	5130	1	1	3	0	1	0	3	2	11		AS/AC	Dec 11/06
78651	<20>40	6284	0	0	1	0	0	0	5	2	8		AS/TP	Feb 7/07
78600	<20>40	5109	1	1	4	1	0	1	0	2	17		AS/AC	Dec 8/06
78599	<20>40	5096	0	1	1	0	0	1	2	0	5		AS/AC	Dec 7/06
78598	<20>40	5101	1	1	4	1	0	1	5	3	16		AS/AC	Dec 7/06
78597	<20>40	5097	1	0	4	0	0	1	1	1	8		AS/AC	Dec 7/06
78596	<20>40	5104	1	0	3	1	2	0	5	0	12		AS/AC	Dec 7/06
78595	<20>40	5114	1	1	2	1	3	0	2	2	12		AS/AC	Dec 8/06
78594	<20>40	5108	2	1	4	1	4	0	3	2	17		AS/AC	Dec 8/06
78593	<20>40	5103	1	1	5	2	3	0	3	4	19		AS/AC	Dec 7/06
78592	<20>40	5113	0	0	3	0	1	0	1	2	7		AS/AC	Dec 8/06
78591	<20>40	5100	0	0	5	1	0	1	1	1	9		AS/AC	Dec 7/06
78569	<20>40	5090	0	1	3	0	0	0	0	0	4		AS/AC	Dec 7/06
7928	<20>40	3680	3	2	5	3	2	0	3	7	25		AS/AC	Aug 31/06

True North Mineral Laboratories Inc.

Appendix IC

Project:

Client: Chalice Diamond Corporation

Summary of Heavy Mineral Observation

Sample No.	Fraction	Vial #	GAR	ECL	CPX	ILM	CHR	OPX	OLI	CLR/WHT	Total Number	Remarks	Observer	Date
7927	<20>40	3675	1	2	0	0	2	0	2	1	8		AS/AC	Aug 31/06
7926	<20>40	3676	1	3	3	0	3	1	2	2	15		AS/AC	Aug 31/06
7925	<20>40	3674	3	1	1	0	1	0	1	3	10		AS/AC	Aug 31/06
7901	<20>40	3596	4	2	0	3	2	0	4	7	22		AS/AC	Aug 24/06

Appendix III

Sample #81511

First Pass

Vial #3604

Final Picks

Vial #4003

Sample #81510

First Pass

Vial #3601

Final Picks

Vial #4008

Sample #81509

First Pass

Vial #3579

Final Picks

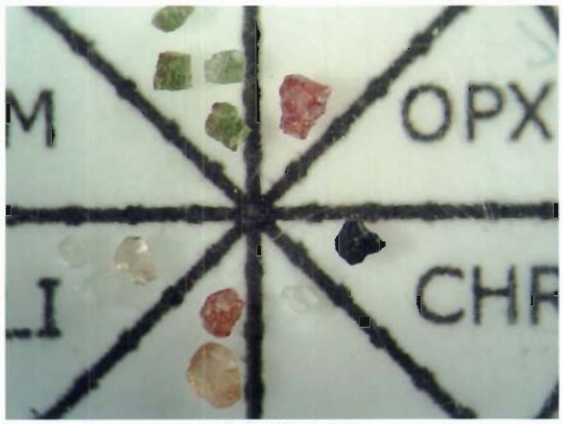
Vial #4009

Sample #78732

First Pass

Vial #5254

Final Picks



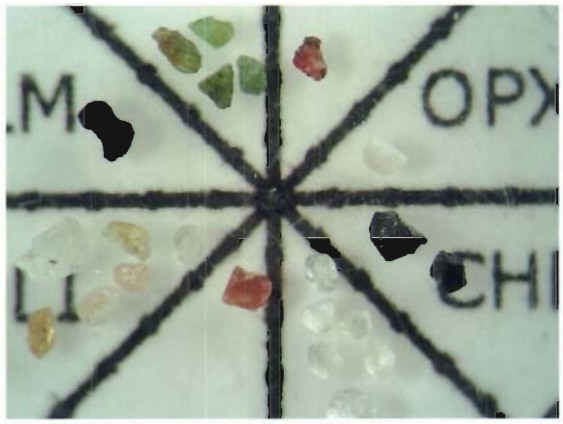
Vial #5338

Sample #78731

First Pass

Vial #5233

Final Picks



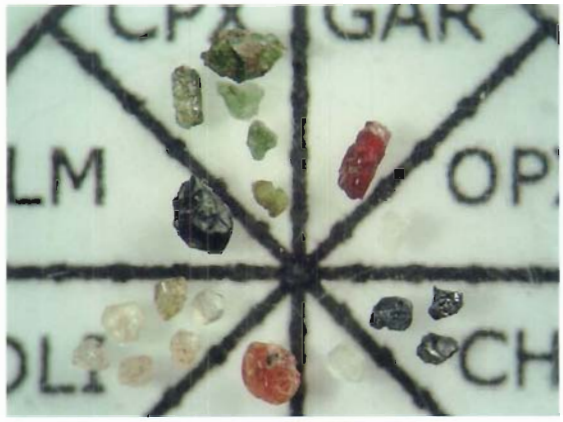
Vial #5337

Sample #78730

First Pass

Vial #5266

Final Picks



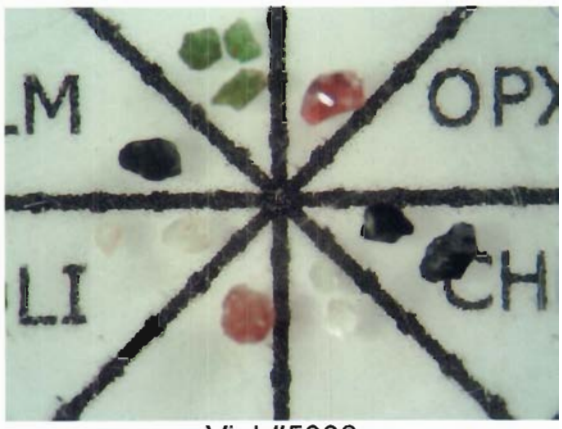
Vial #5356

Sample #78729

First Pass

Vial #5230

Final Picks



Vial #5336

Sample #78728

First Pass

Vial #5215

Final Picks

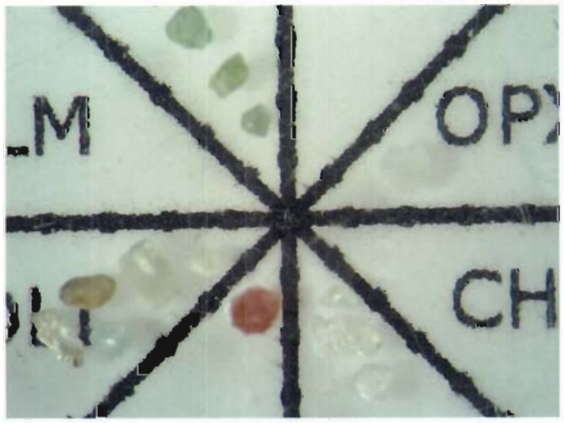
Vial #5335

Sample #78727

First Pass

Vial #5291

Final Picks



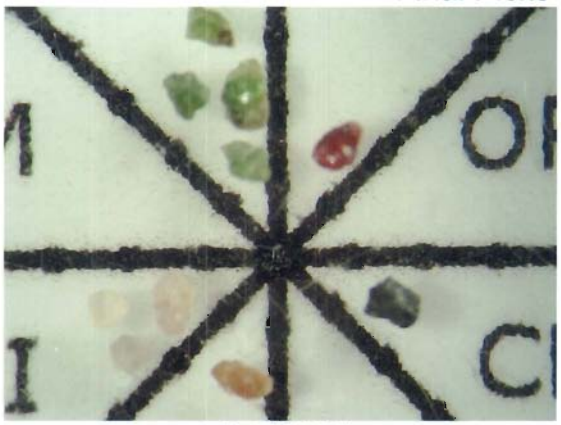
Vial #5359

Sample #78726

First Pass

Vial #5227

Final Picks



Vial #5334

Sample #78725

First Pass

Vial #5239

Final Picks

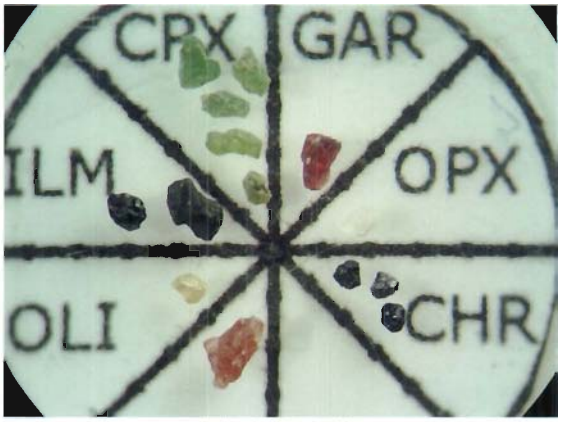
Vial #5333

Sample #78724

First Pass

Vial #5050

Final Picks



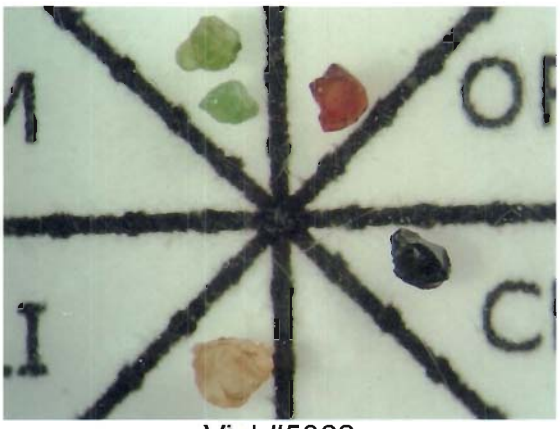
Vial #5159

Sample 78723

First Pass

Vial #5301

Final Picks



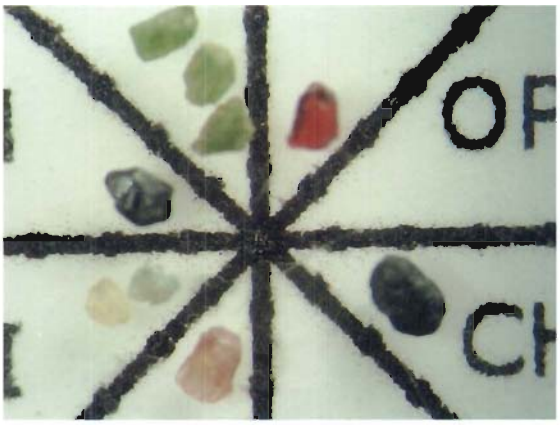
Vial #5362

Sample #78722

First Pass

Vial #5212

Final Picks



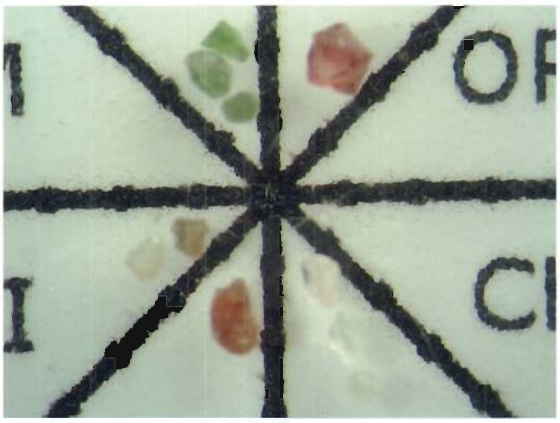
Vial #5332

Sample #78721

First Pass

Vial #5194

Final Picks



Vial #5331

Sample #78720

First Pass

Vial #5251

Final Picks

Vial #5330

Sample #78719

First Pass

Vial #5310

Final Picks

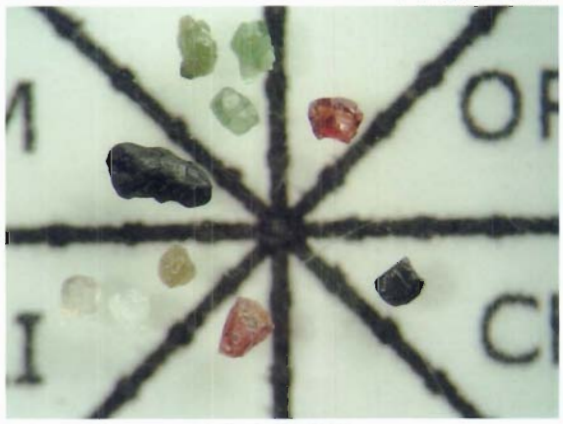
Vial #5364

Sample #78718

First Pass

Vial #5206

Final Picks



Vial #5329

Sample #78717

First Pass

Vial #5224

Final Picks

Vial #5328

Sample #78716

First Pass

Vial #5161

Final Picks

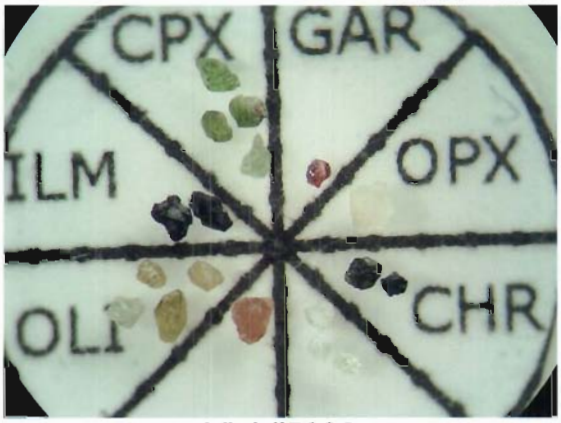
Vial #5327

Sample #78715

First Pass

Vial #5248

Final Picks



Vial #5326

Sample #78714

First Pass

Vial #5257

Final Picks

Vial #5325

Sample #78713

First Pass

Vial #5218

Final Picks

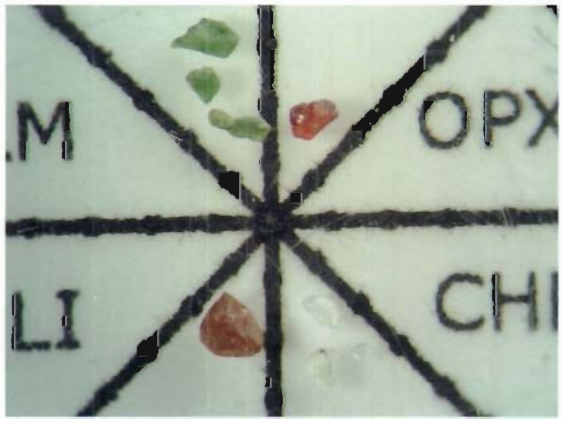
Vial #5324

Sample #78712

First Pass

Vial #5275

Final Picks



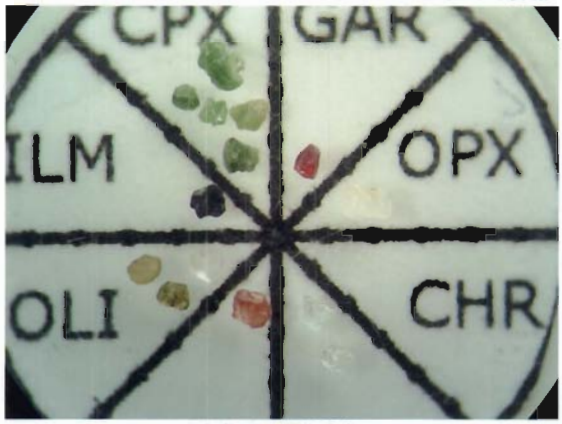
Vial #5357

Sample #78711

First Pass

Vial #5197

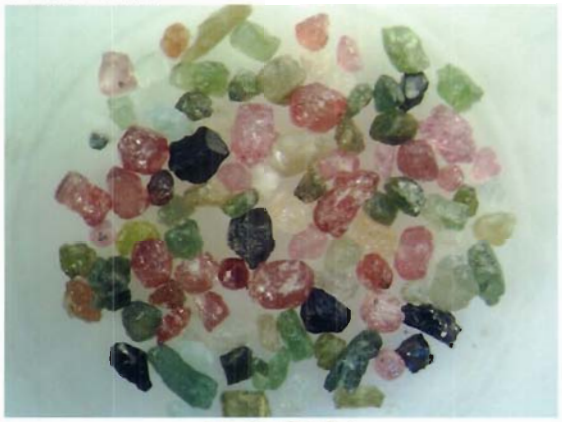
Final Picks



Vial #5323

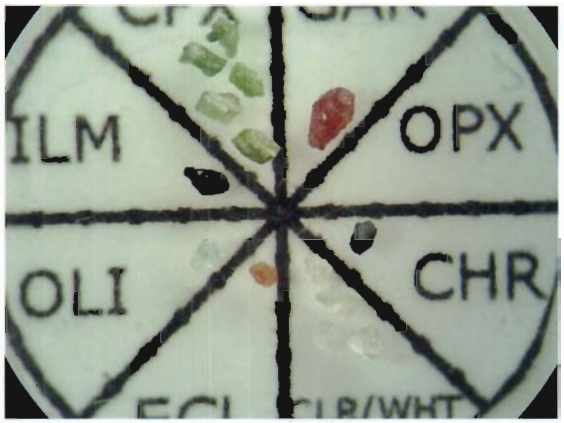
Sample #78710

First Pass



Vial #5221

Final Picks



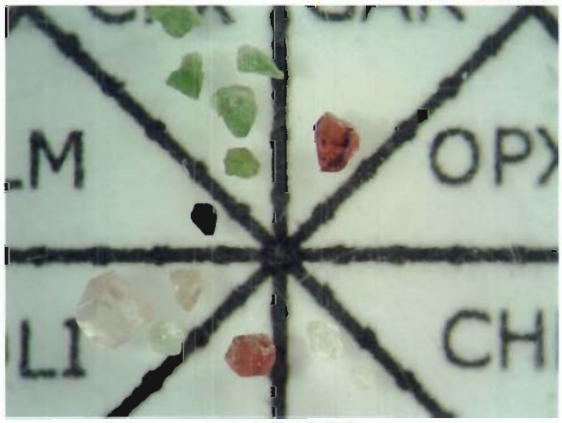
Vial #5322

Sample #78709

First Pass

Vial #5278

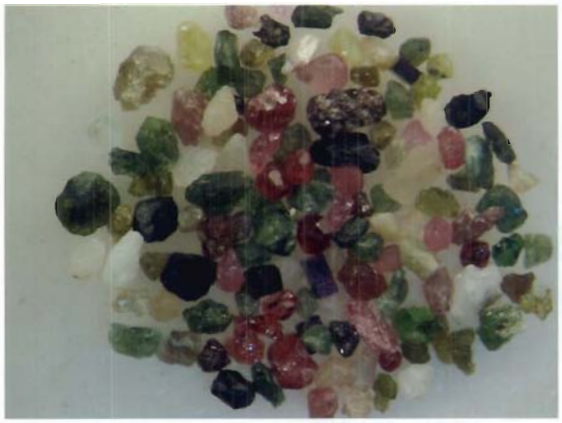
Final Picks



Vial #5358

Sample #78708

First Pass



Vial #5170

Final Picks

Vial #5321

Sample #78707

First Pass

Vial #5307

Final Picks

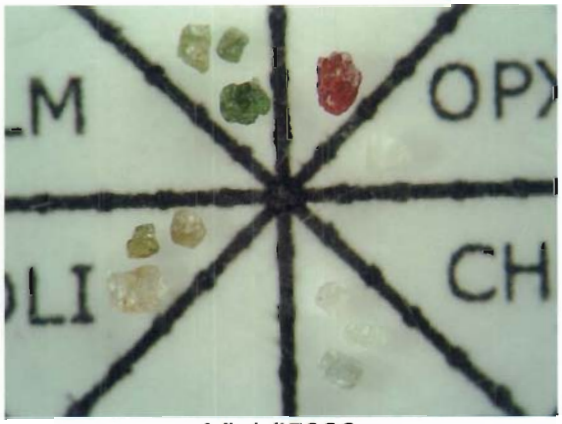
Vial #5363

Sample #78706

First Pass

Vial #5185

Final Picks



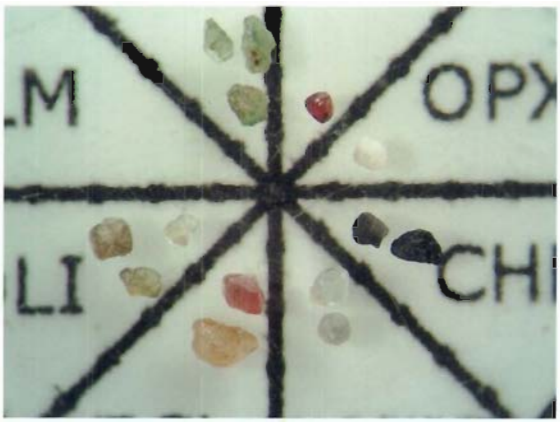
Vial #5320

Sample #78705

First Pass

Vial #5242

Final Picks



Vial #5319

Sample #78704

First Pass

Vial #5143

Final Picks

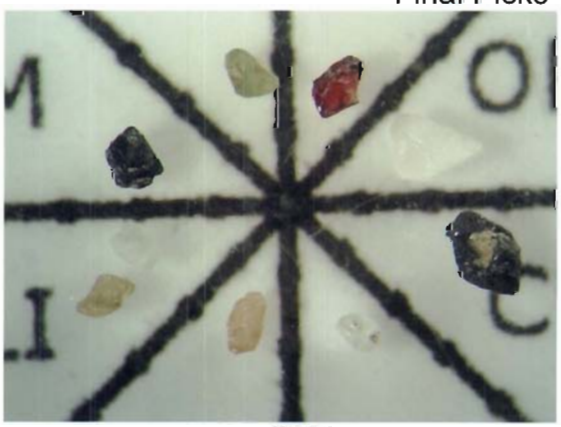
Vial #5318

Sample #78703

First Pass

Vial #5295

Final Picks



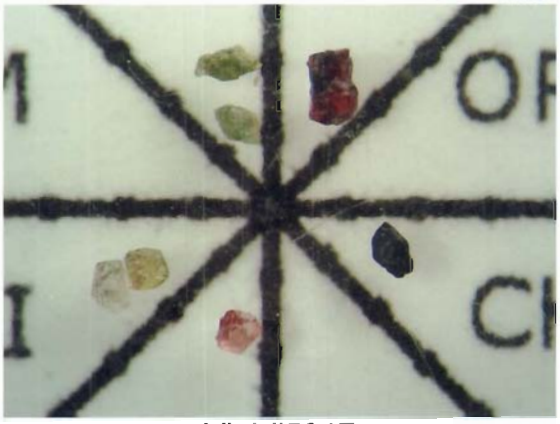
Vial #5360

Sample #78702

First Pass

Vial #5137

Final Picks



Vial #5317

Sample #78701

First Pass

Vial #5236

Final Picks

Vial #5316

Sample #78671

First Pass

Vial #6042

Final Picks

Vial #6360

Sample #78670

First Pass

Vial #6243

Final Picks

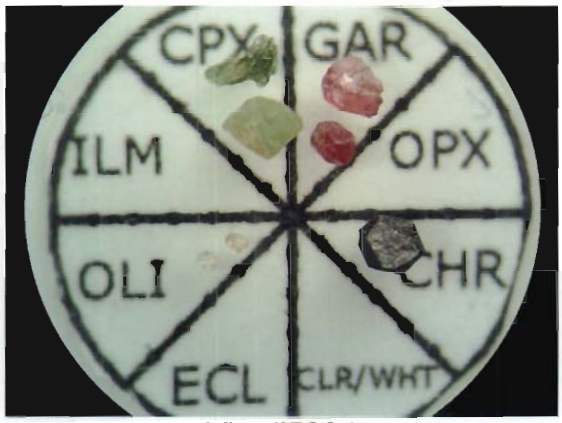
Vial #6519

Sample #78668 (<12>20)

First Pass

Vial #5203

Final Picks



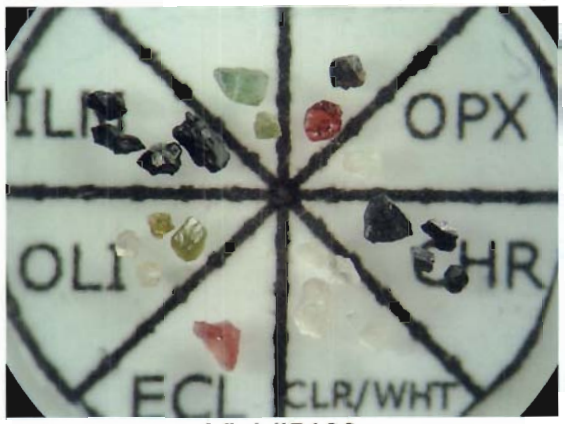
Vial #5294

Sample #78668

First Pass

Vial #5105

Final Picks



Vial #5160

Sample #78667

First Pass

Vial #6232

Final Picks

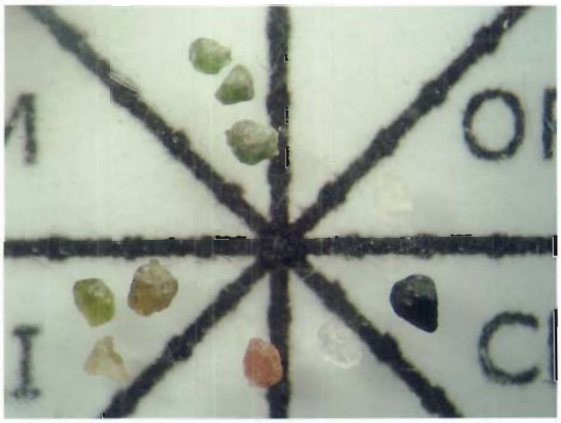
Vial #6515

Sample #78666

First Pass

Vial #5915

Final Picks



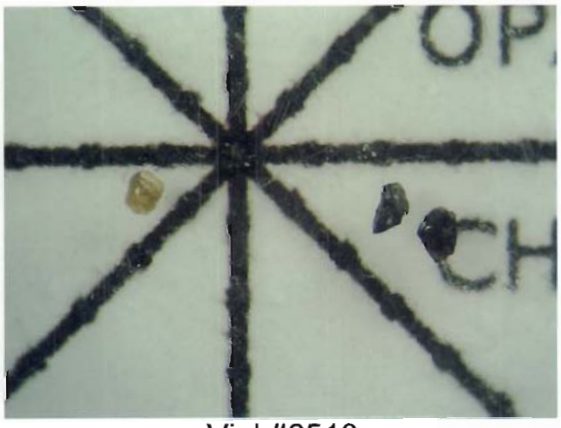
Vial #6278

Sample #78665

First Pass

Vial #6226

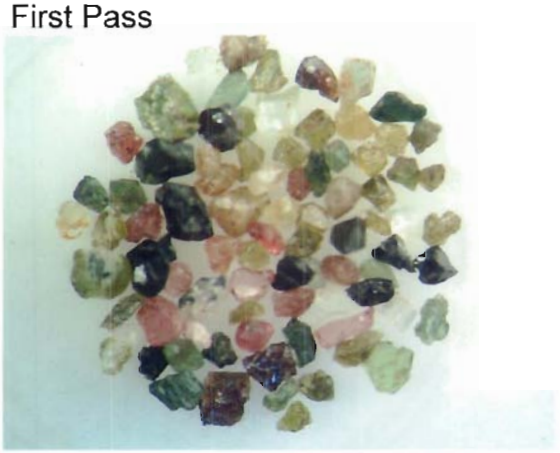
Final Picks



Vial #6513

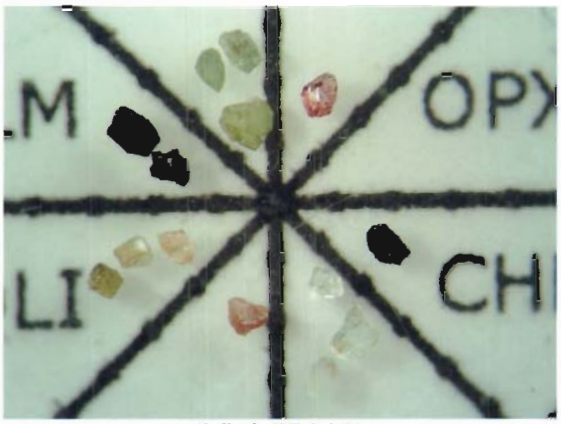
Sample #78664

First Pass



Vial #4947

Final Picks



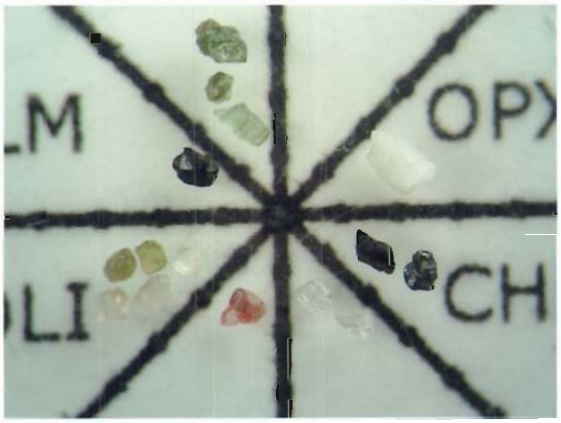
Vial #5115

Sample #78663

First Pass

Vial #5077

Final Picks



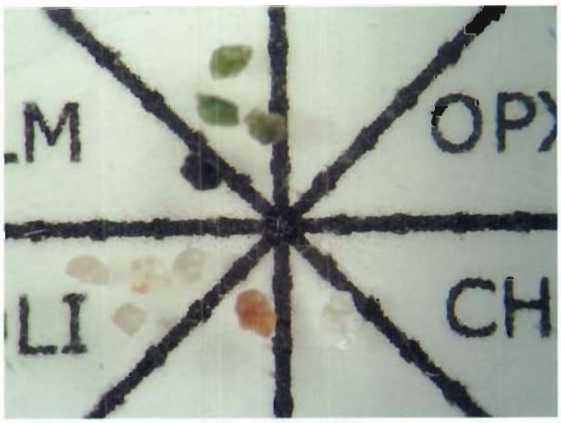
Vial #5158

Sample #78662

First Pass

Vial #4956

Final Picks



Vial #5157

Sample #78661

First Pass

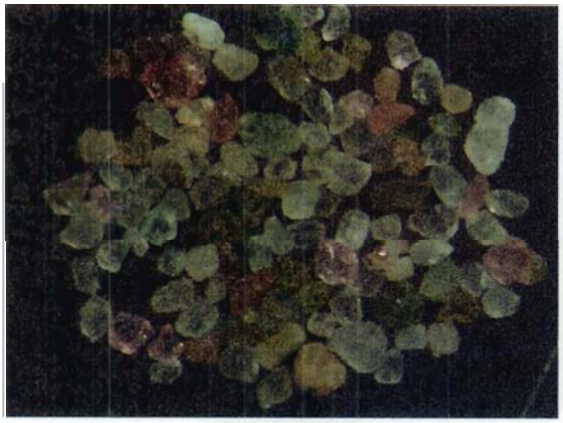
Vial #5074

Final Picks

Vial #5156

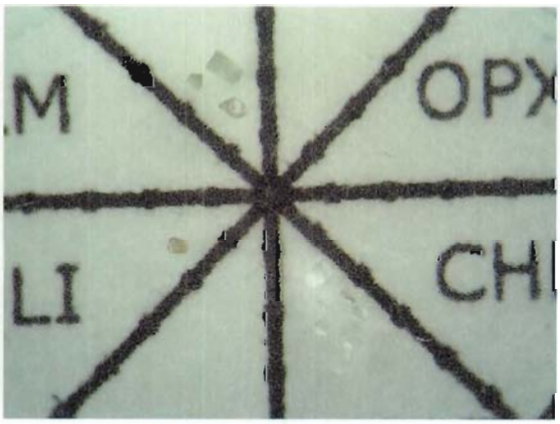
Sample #78660

First Pass



Vial #5065

Final Picks



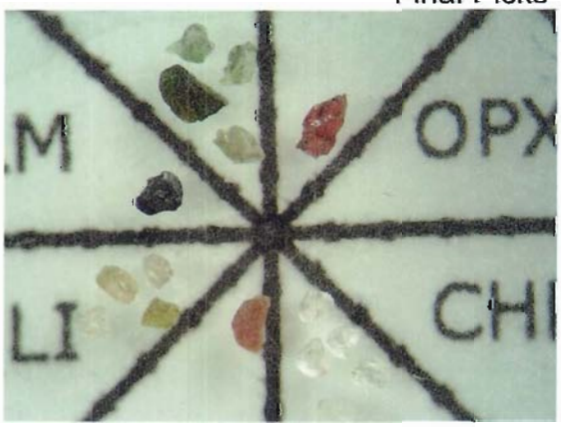
Vial #5155

Sample #78659

First Pass

Vial #5068

Final Picks



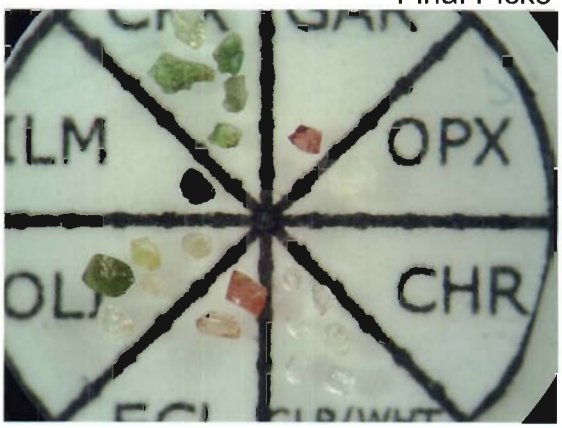
Vial #5154

Sample #78658

First Pass

Vial #5059

Final Picks



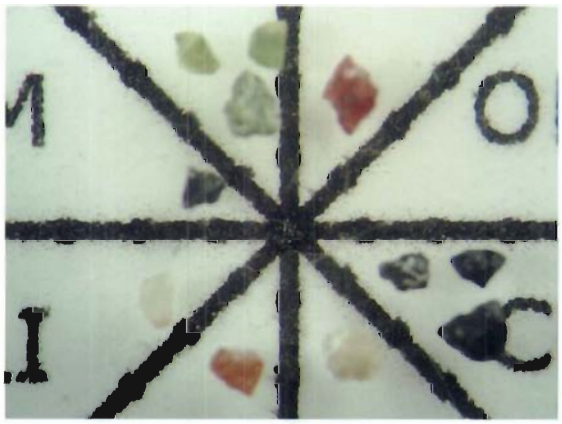
Vial #5153

Sample #78657

First Pass

Vial #4983

Final Picks



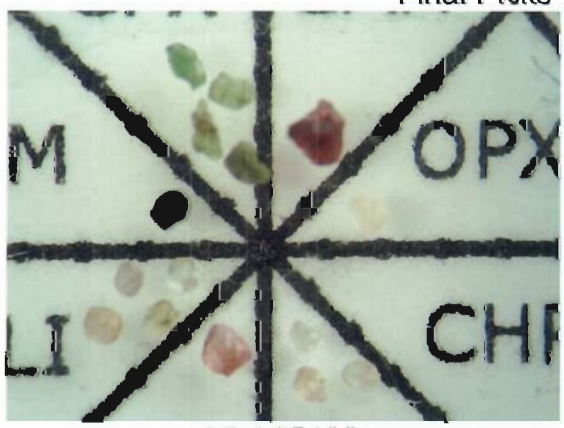
Vial #5152

Sample #78656

First Pass

Vial #4986

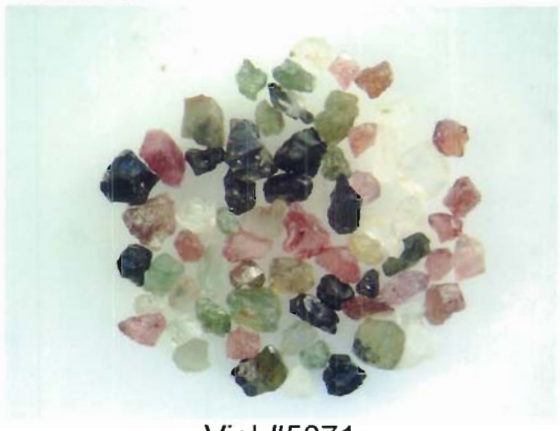
Final Picks



Vial #5133

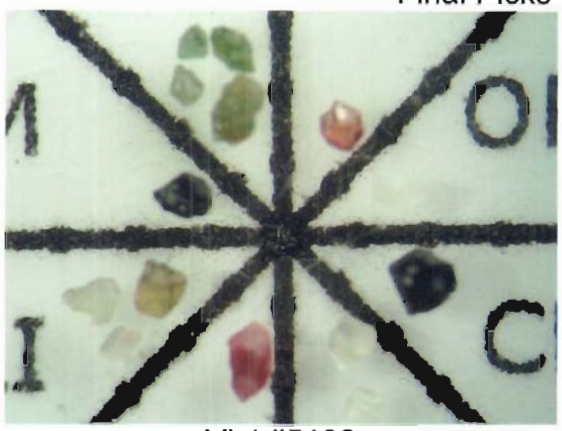
Sample #78655

First Pass



Vial #5071

Final Picks



Vial #5132

Sample #78654

First Pass

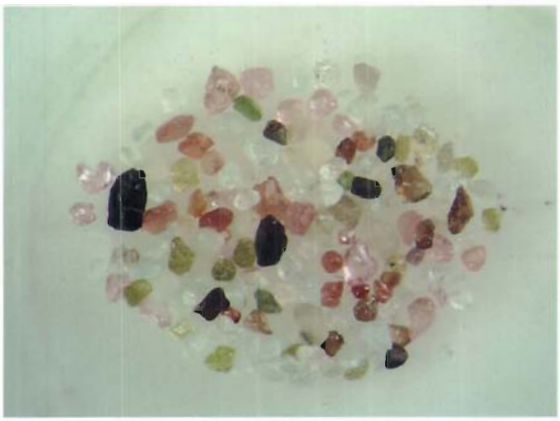
Vial #5056

Final Picks

Vial #5131

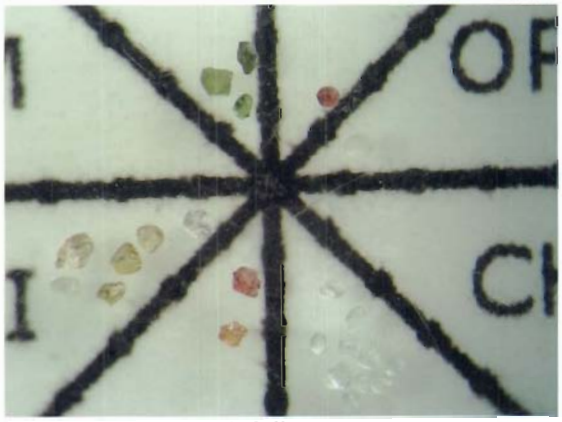
Sample #78653

First Pass



Vial #5260

Final Picks



Vial #5290

Sample #78652

First Pass

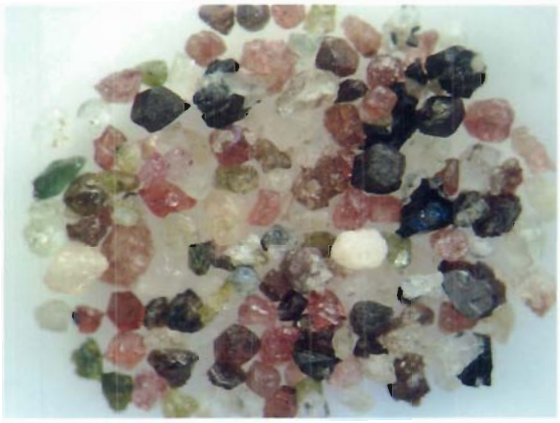
Vial #5062

Final Picks

Vial #5130

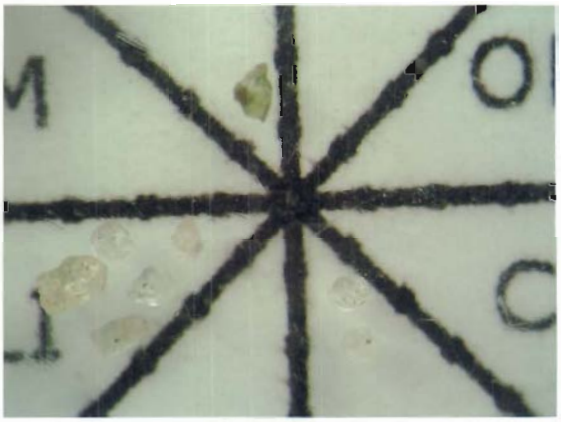
Sample #78651

First Pass



Vial #5932

Final Picks



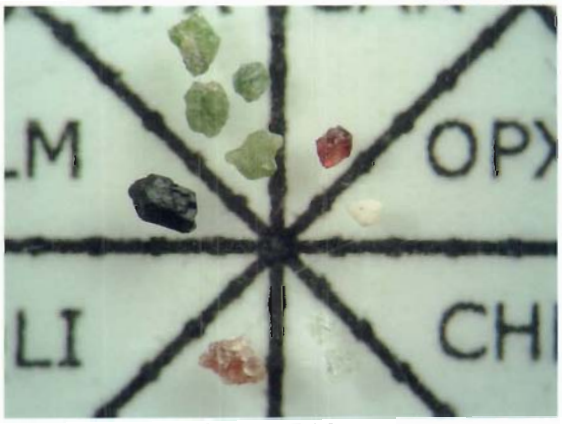
Vial #6284

Sample #78600

First Pass

Vial #4926

Final Picks



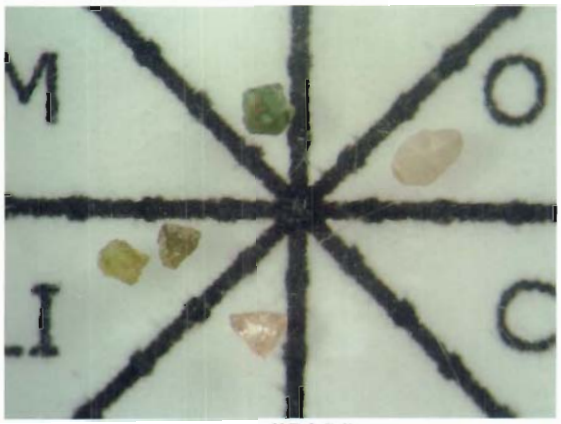
Vial #5109

Sample #78599

First Pass

Vial #4879

Final Picks



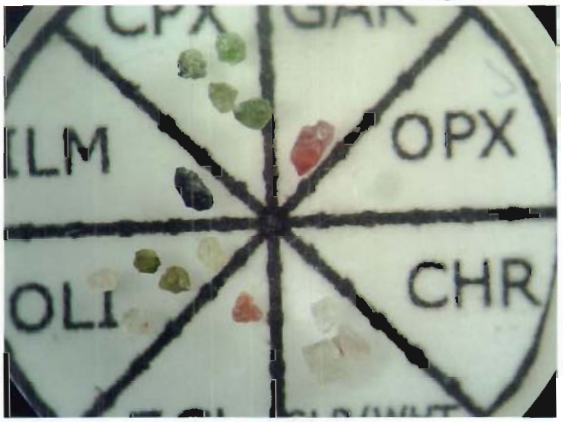
Vial #5096

Sample #78598

First Pass

Vial #4908

Final Picks



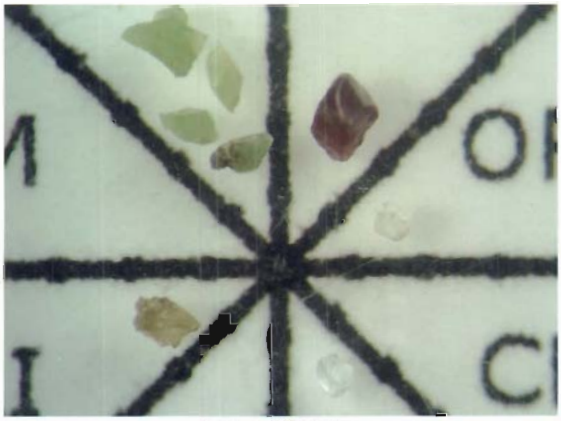
Vial #5101

Sample #78597

First Pass

Vial #4885

Final Picks



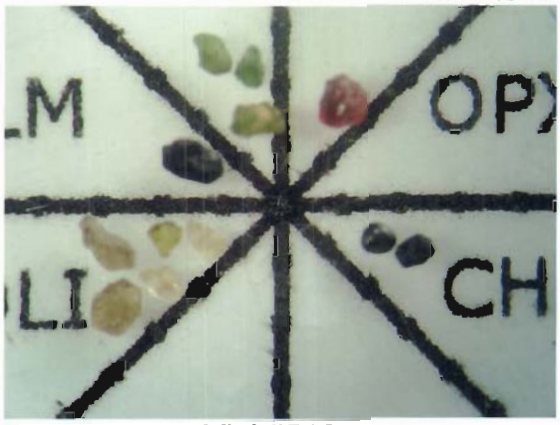
Vial #5097

Sample #78596

First Pass

Vial #4920

Final Picks



Vial #5104

Sample #78595

First Pass

Vial #4944

Final Picks

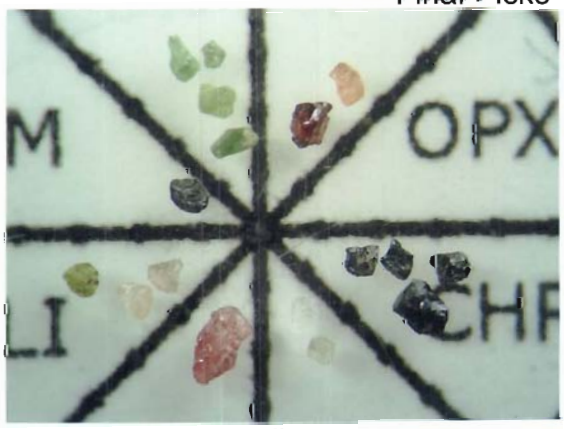
Vial #5114

Sample #78594

First Pass

Vial #4923

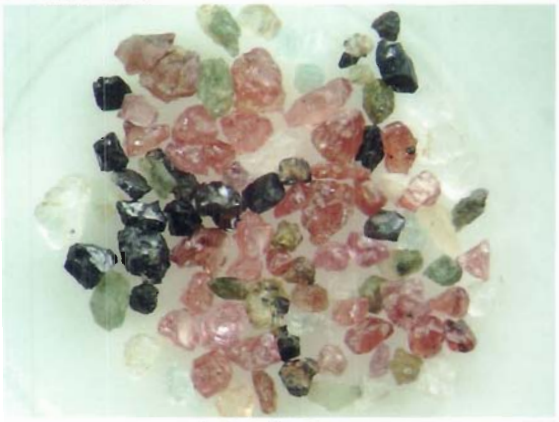
Final Picks



Vial #5108

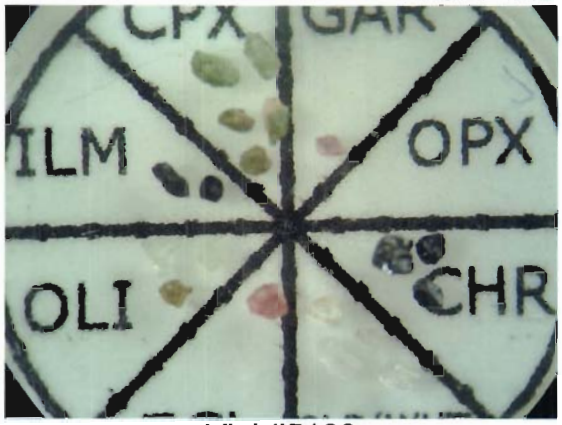
Sample #78593

First Pass



Vial #4917

Final Picks



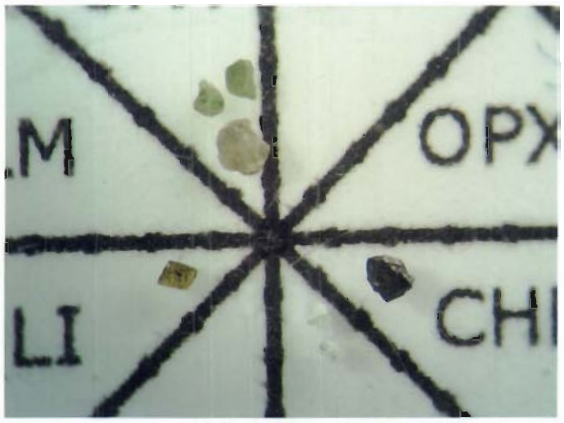
Vial #5103

Sample #78592

First Pass

Vial #4941

Final Picks



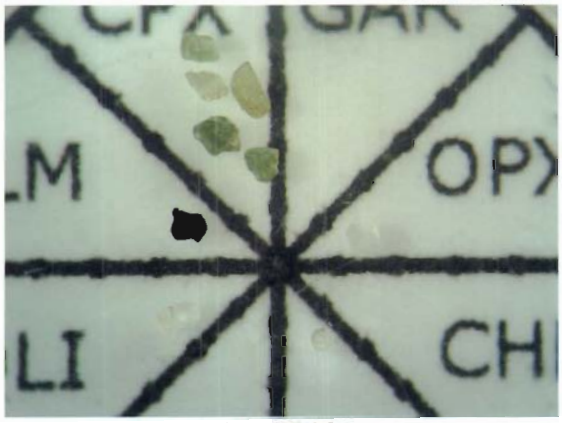
Vial #5113

Sample #78591

First Pass

Vial #4905

Final Picks



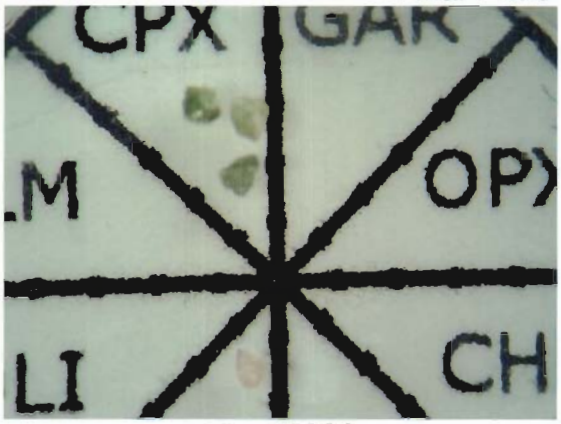
Vial #5100

Sample #78569

First Pass

Vial #4835

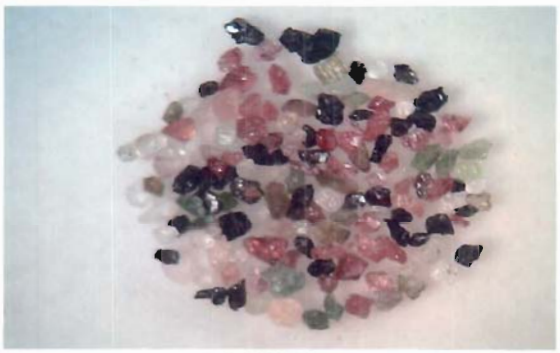
Final Picks



Vial #5090

Sample #7928

First Pass



Vial #2258

Final Picks

Vial #3680

Sample #7927

First Pass

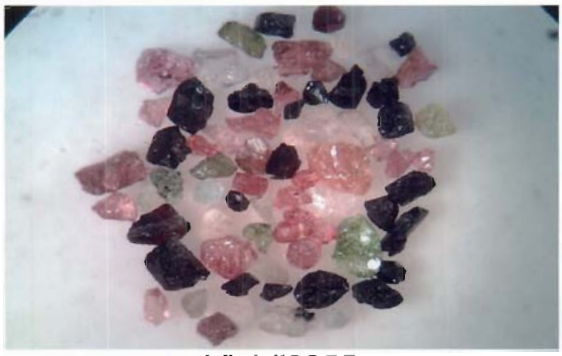
Vial #2252

Final Picks

Vial #3675

Sample #7926

First Pass



Vial #2255

Final Picks

Vial #3676

Sample #7925

First Pass

Vial #2246

Final Picks

Vial #3674

Sample #7901

First Pass

Vial #1891

Final Picks

Vial #3596

Appendix D - Magnetometer Survey Statistics for Grid: ME_04

Grid	ME_04
Grid point of origin: Zone, UTM & Datum	16 U 715679E 5364336N 350E 500N
Survey Type	Total Field Magnetics - Profiles
Claim	4202829
Township	Meath
Project	Chapleau Diamond Project
N.T.S.	42 C/8
Survey date	8-Sep-07
Number of days to perform survey	1
Surveyed by	J. Saverd
Base station instrument	GEM Systems GSM-19 Proton Magnetometer
Base station location:Zone UTM & Datum	16 U, 716205E, 5354489N, Missanabie ON
Base station value	57 500 nT
Base station reading interval	5 seconds
Field instrument	GEM Systems GSM Overhauser Magnetometer
Field instrument reading interval	5 seconds
Grid station intervals	5 metres
Baseline azimuth	90°
Number of grid lines read	8
Grid line kilometers	2.400 km
Total number of posted readings for grid	480
Profile interval (nT)	1 cm = 1 500 nT
Minimum reading value (nT)	57 181 nT
Maximum reading value (nT)	61 697 nT
Map by	J. Saverd
Map scale	1: 2 500 or 1 cm = 25 metres

Appendix D - Magnetometer Survey Statistics for Grid: REN_01

Grid	REN_01
Grid point of origin: Zone, UTM & Datum	17 U 281925E 5361394N 350E 500N
Survey Type	Total Field Magnetics - Profiles
Claim	4203592
Township	Rennie
Project	Chapleau Diamond Project
N.T.S.	42 B/5
Survey date	9-Aug-06
Number of days to perform survey	1
Surveyed by	J. Savard
Base station instrument	GEM Systems GSM-19 Proton Magnetometer
Base station location:Zone UTM & Datum	16 U, 716205E, 5354489N, Missanabie ON
Base station value	57 500 nT
Base station reading interval	5 seconds
Field instrument	GEM Systems GSM Overhauser Magnetometer
Field instrument reading interval	5 seconds
Grid station intervals	5 metres
Baseline azimuth	90°
Number of grid lines read	8
Grid line kilometers	1.675
Total number of posted readings for grid	335
Profile interval (nT)	1 cm = 5 000 nT
Minimum reading value (nT)	56 973 nT
Maximum reading value (nT)	75 400 nT
Map by	J. Savard
Map scale	1: 2 500 or 1 cm = 25 metres

Appendix D - Magnetometer Survey Statistics for Grid: REN_02

Grid	REN_02
Grid point of origin: Zone, UTM & Datum	17 U 281981E 5362982N 350E 500N
Survey Type	Total Field Magnetics - Profiles
Claim	3013261
Township	Rennie
Project	Chapleau Diamond Project
N.T.S.	42 B/5
Survey date	10-Sep-06
Number of days to perform survey	1
Surveyed by	J.Savard
Base station instrument	GEM Systems GSM-19 Proton Magnetometer
Base station location:Zone UTM & Datum	16 U, 716205E, 5354489N, Missanabie ON
Base station value	57 500 nT
Base station reading interval	5 seconds
Field instrument	GEM Systems GSM Overhauser Magnetometer
Field instrument reading interval	5 seconds
Grid station intervals	5 metres
Baseline azimuth	90°
Number of grid lines read	8
Grid line kilometers	2.24
Total number of posted readings for grid	448
Profile interval (nT)	1cm = 4000 nT
Minimum reading value (nT)	50 773
Maximum reading value (nT)	63 412
Map by	J.Savard
Map scale	1: 2 500 or 1 cm = 25 metres

Appendix D - Magnetometer Survey Statistics for Grid: REN_03

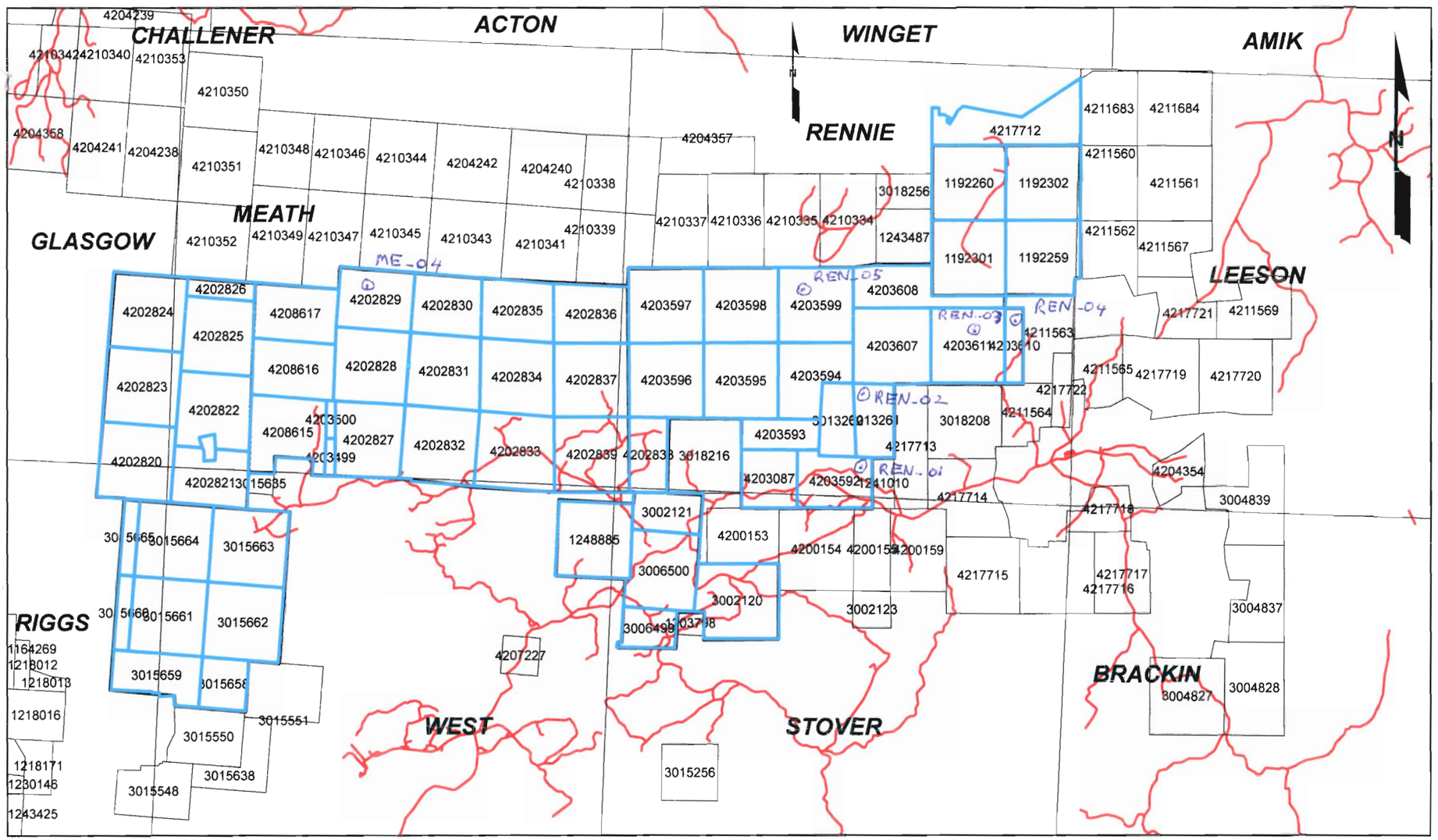
Grid	REN_03
Grid point of origin: Zone, UTM & Datum	17 U 283808 E 5363337N 350E 500N
Survey Type	Total Field Magnetics - Profiles
Claim	Baseline and grid south in claim 3018208; north half grid in claim 4203611
Township	Rennie
Project	Chapleau Diamond Project
N.T.S.	42 B/5
Survey date	13-Aug-06
Number of days to perform survey	1
Surveyed by	J. Savard
Base station instrument	GEM Systems GSM-19 Proton Magnetometer
Base station location:Zone UTM & Datum	16 U, 716205E, 5354489N, Missanabie ON
Base station value	57 500 nT
Base station reading interval	5 seconds
Field instrument	GEM Systems GSM Overhauser Magnetometer
Field instrument reading interval	5 seconds
Grid station intervals	5 metres
Baseline azimuth	90°
Number of grid lines read	8
Grid line kilometers	2.400 km
Total number of posted readings for grid	480
Profile interval (nT)	3 000 nT
Minimum reading value (nT)	56 966 nT
Maximum reading value (nT)	68 868 nT
Map by	J. Savard
Map scale	1: 2 500 or 1 cm = 25 metres

Appendix D - Magnetometer Survey Statistics for Grid: REN_04

Grid	REN_04
Grid point of origin: Zone, UTM & Datum	17 U 285196E 5364748N 350E 500N
Survey Type	Total Field Magnetics - Profiles
Claim	4203610
Township	Rennie
Project	Chapleau Diamond Project
N.T.S.	42 B/5
Survey date	11-Aug-06
Number of days to perform survey	1
Surveyed by	J. Savard
Base station instrument	GEM Systems GSM-19 Proton Magnetometer
Base station location:Zone UTM & Datum	16 U, 716205E, 5354489N, Missanabie ON
Base station value	57 500 nT
Base station reading interval	5 seconds
Field instrument	GEM Systems GSM Overhauser Magnetometer
Field instrument reading interval	5 seconds
Grid station intervals	5 metres
Baseline azimuth	90°
Number of grid lines read	8
Grid line kilometers	2.400km
Total number of posted readings for grid	480
Profile interval (nT)	1cm = 3 000 nT
Minimum reading value (nT)	56 664 nT
Maximum reading value (nT)	66 621 nT
Map by	J. Savard
Map scale	1: 2 500 or 1 cm = 25 metres

Appendix D - Magnetometer Survey Statistics for Grid: REN_05

Grid	REN_05
Grid point of origin: Zone, UTM & Datum	17U 282419E 5365613N 350E 500N
Survey Type	Total Field Magnetics - Profiles
Claim	4203608
Township	Rennie
Project	Chapleau Diamond Project
N.T.S.	42 B/5
Survey date	9-Aug-06
Number of days to perform survey	1
Surveyed by	J. Savard
Base station instrument	GEM Systems GSM-19 Proton Magnetometer
Base station location:Zone UTM & Datum	16 U, 716205E, 5354489N, Missanabie ON
Base station value	57 500 nT
Base station reading interval	5 seconds
Field instrument	GEM Systems GSM Overhauser Magnetometer
Field instrument reading interval	5 seconds
Grid station intervals	5 metres
Baseline azimuth	90°
Number of grid lines read	8
Grid line kilometers	2.05
Total number of posted readings for grid	410
Profile interval (nT)	1 cm = 5 000nT
Minimum reading value (nT)	54 733 nT
Maximum reading value (nT)	64 070 nT
Map by	J. Savard
Map scale	1: 2 500 or 1 cm = 25 metres



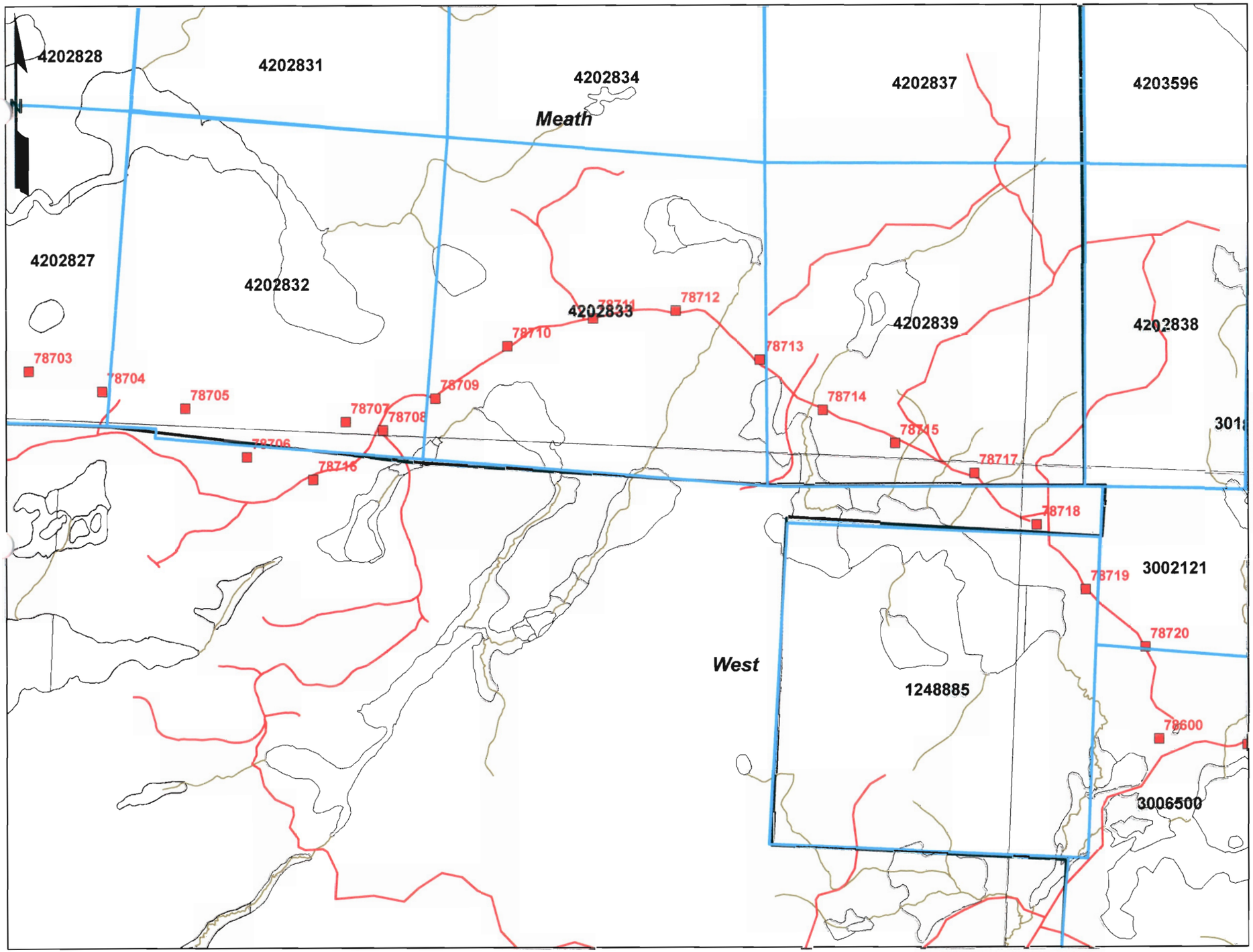
Location Map - Golden Chalice Resources Chapleau Diamond Project

Claim Group Defined by Blue Outline

Figure 1. Property Map and Access to Rennie, Meath, Stover and West Township Claims

and Geophysical Grids ME-04, REN-01, REN-02, REN-03, REN-04 and REN-05

Jim Laidlaw
Feb 12, 2007



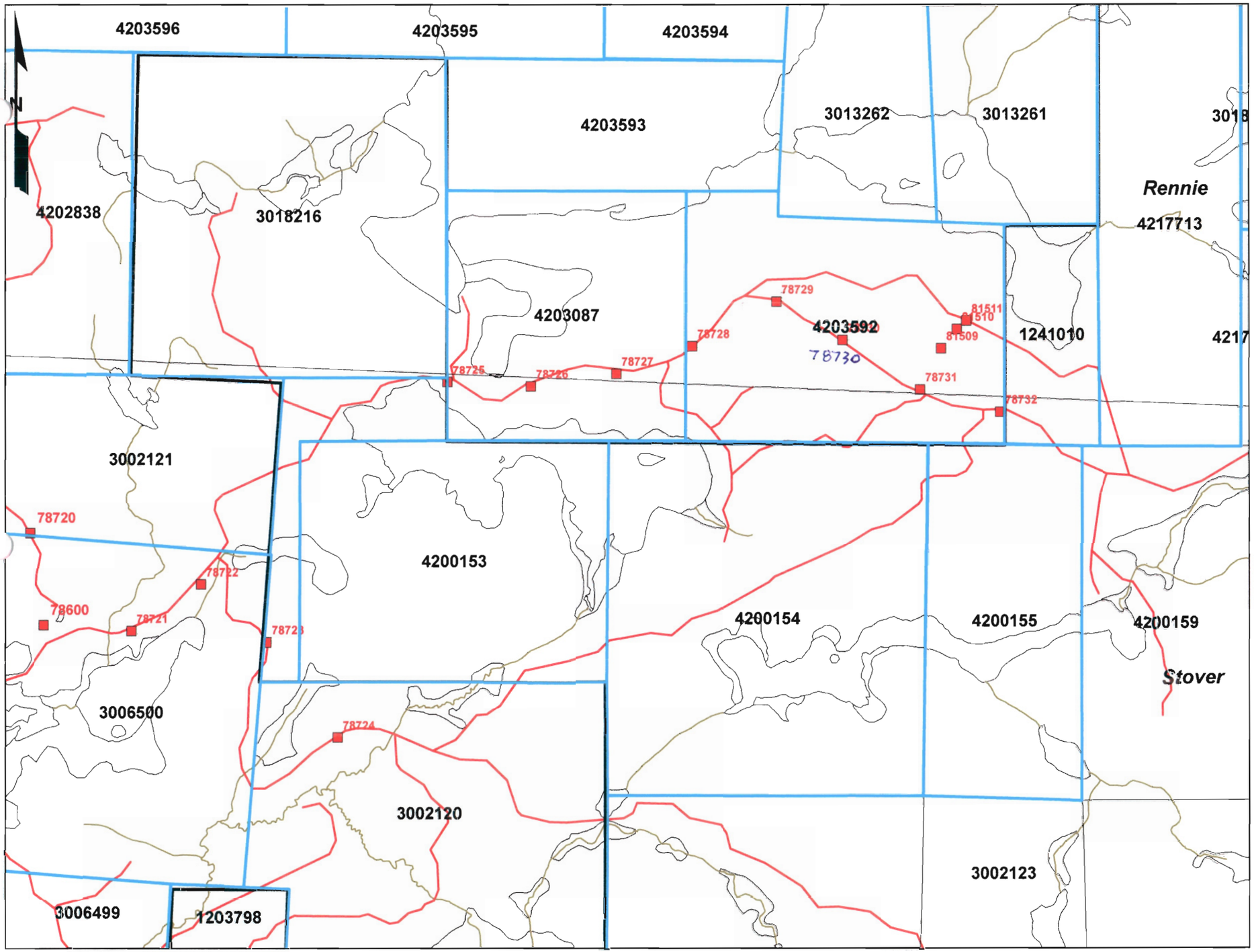
Location Map - Golden Chalice Resources Chapleau Diamond Project

Legend

- All_Tills_16U.csv Events *Till and Glaciofluvial Samples*

Figure 2b - Traverses and Sample Sites for Till and Glaciofluvial Samples in Rennie, Meath, Stover and West Townships, scale1:20,000

Feb 12, 2007



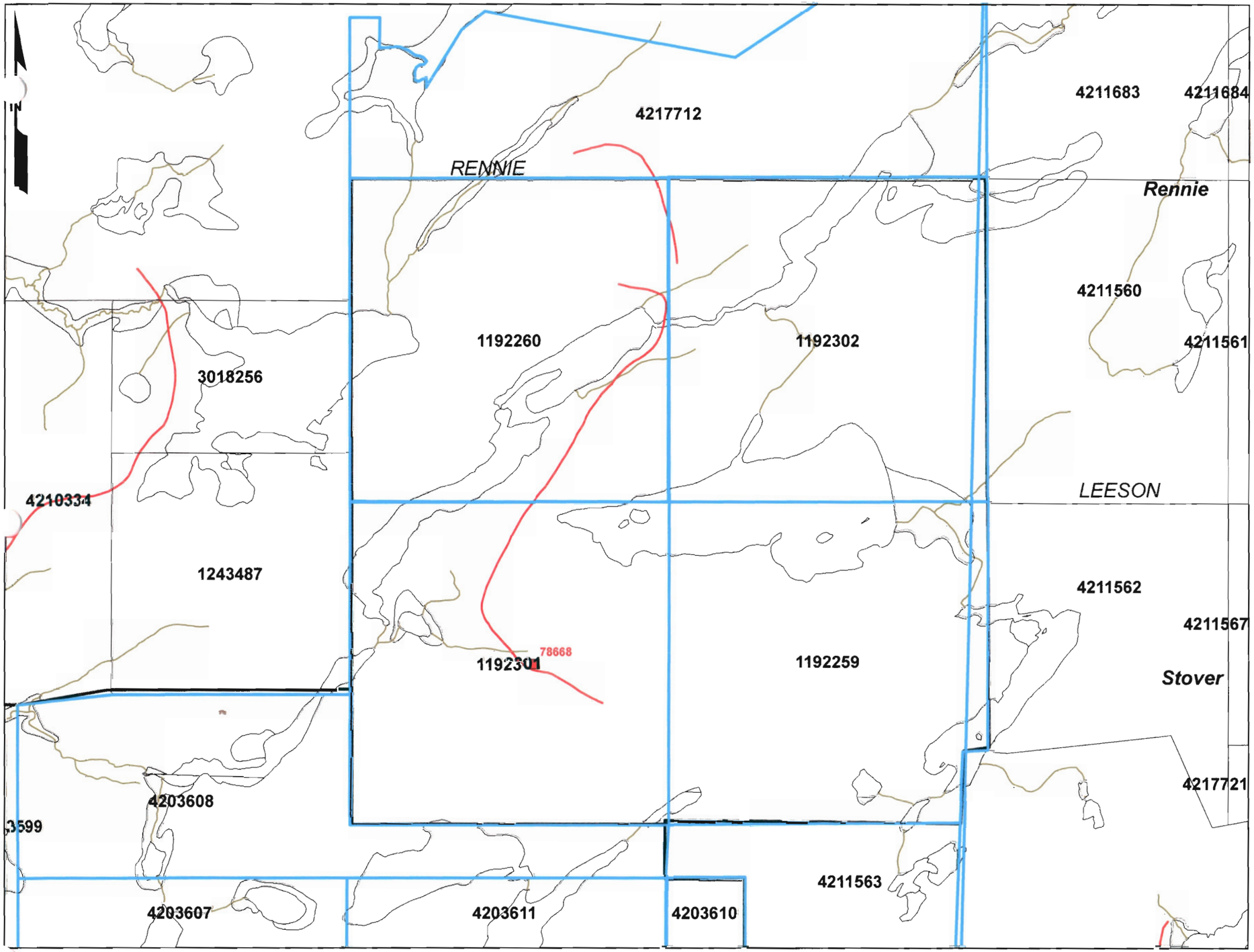
Location Map - Golden Chalice Resources
Chapleau Diamond Project

Legend

- All_Tills_16U.csv Events *Till and Glaciofluvial Samples*

Figure 2c - Traverses and Sample Sites for Till and Glaciofluvial Samples in Rennie, Meath, Stover and West Townships, scale1:20,000

Jim Landlew
Feb 12, 2007



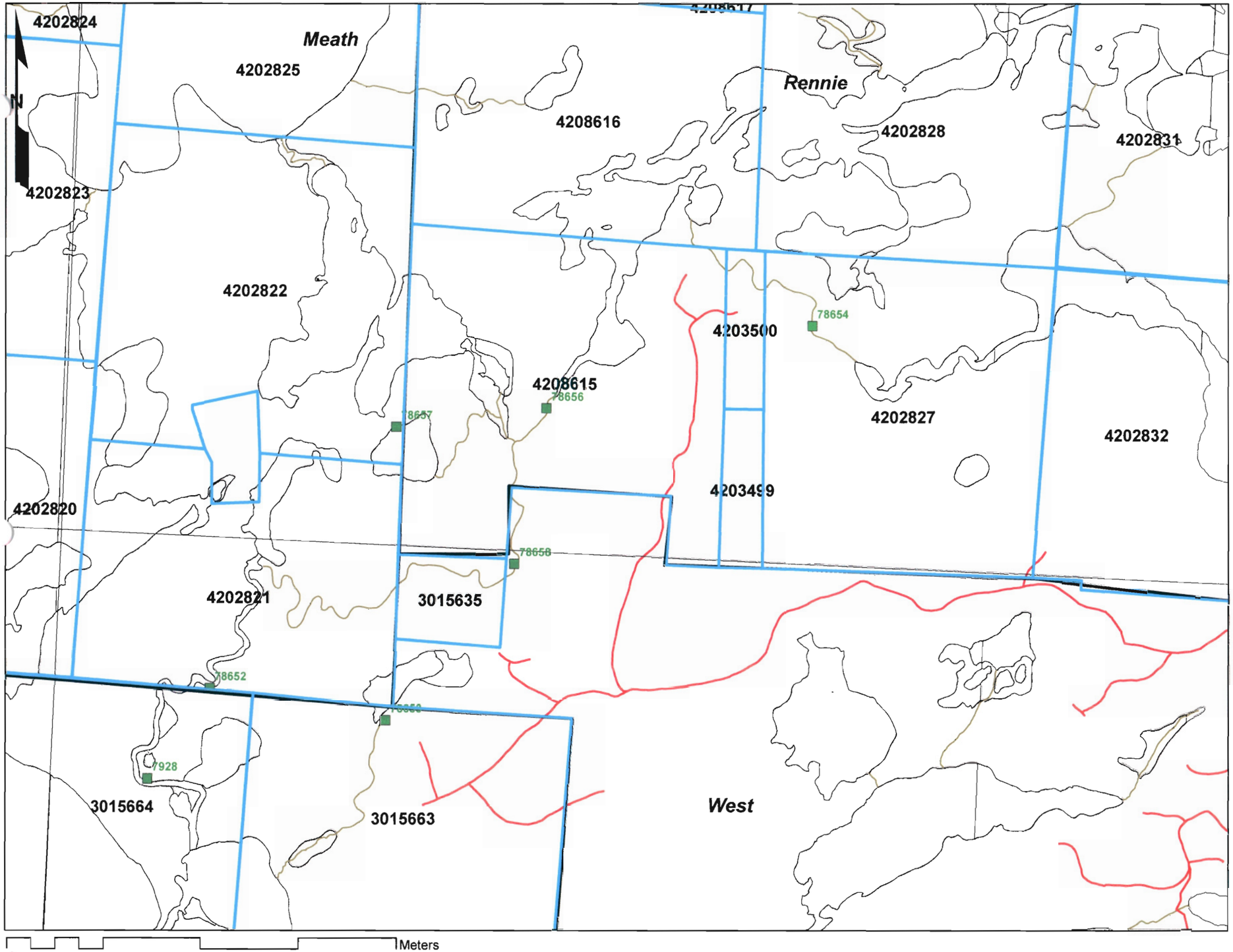
Location Map - Golden Chalice Resources
Chapleau Diamond Project

Legend

- All_Tills_16U.csv Events *Till and Glaciofluvial Samples*

Figure 2d - Traverses and Sample Sites for Till and Glaciofluvial Samples in Rennie, Meath, Stover and West Townships, scale1:20,000

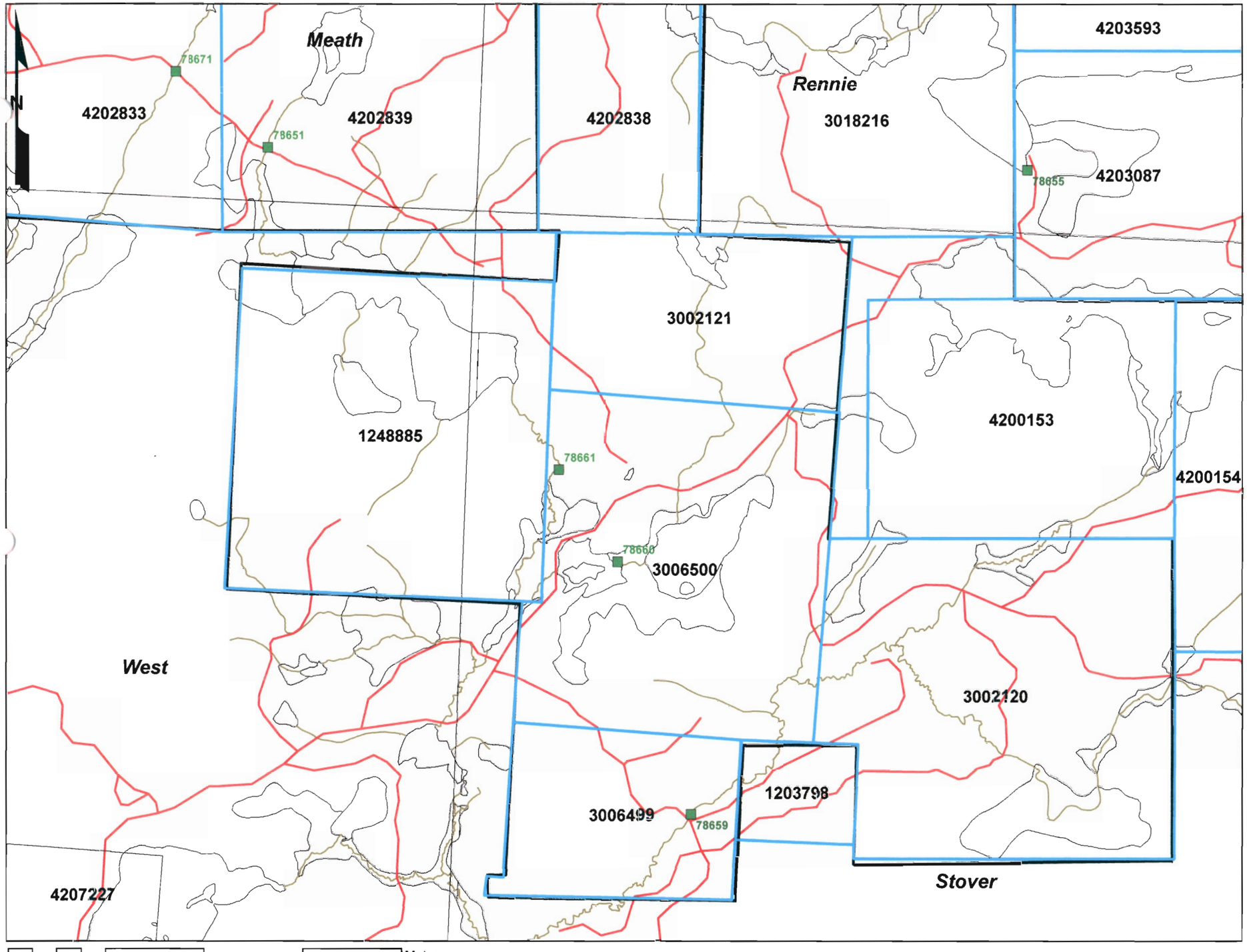
Jim Gardiner
Feb 12, 2007



Location Map - Golden Chalice Resources
Chapleau Diamond Project

Figure 3a - Traverses and Sample Sites
for Stream Sediment Samples
in Rennie, Meath, Stover and West Townships,
scale 1:20,000

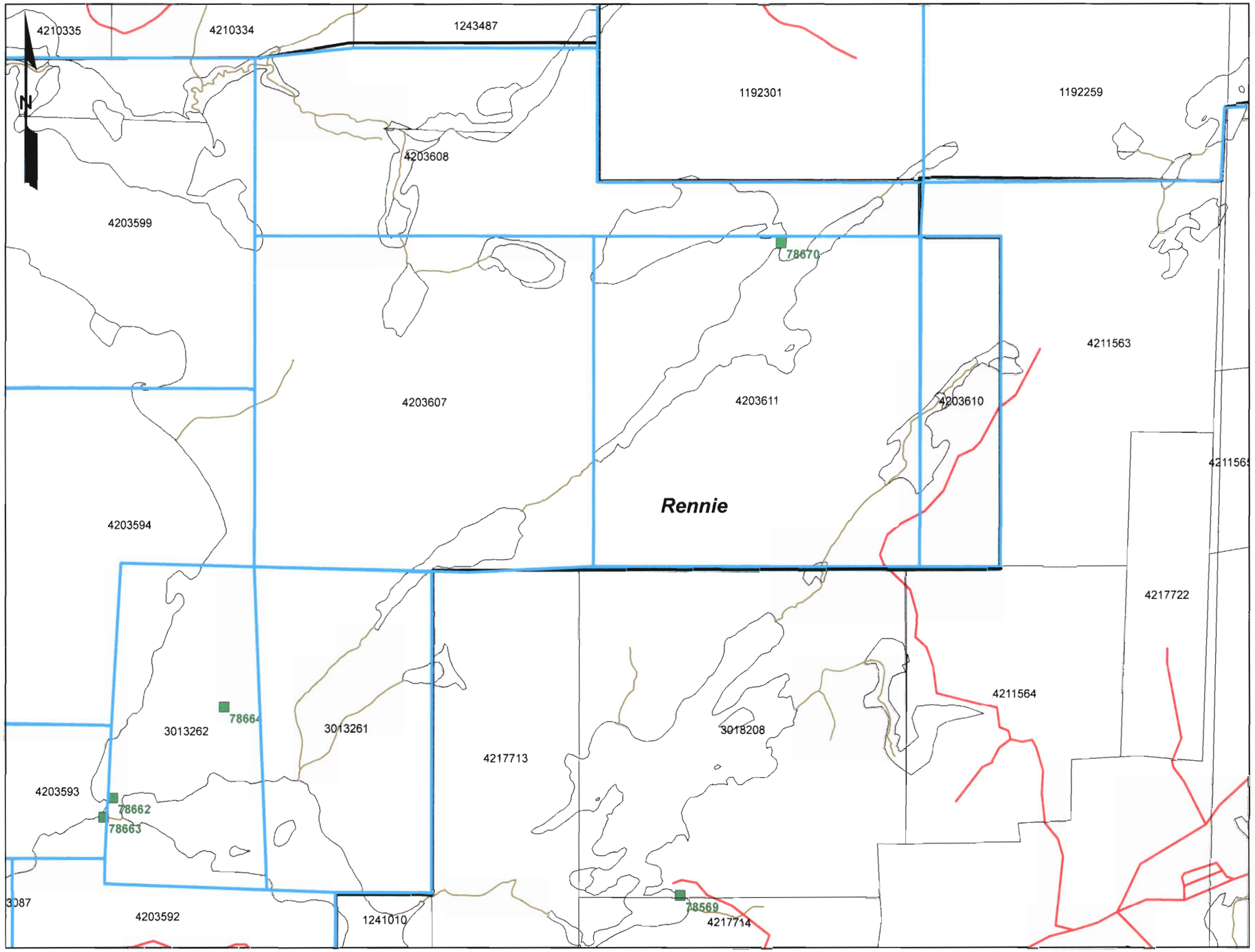
Jim Trudel
Feb 12, 2007



Location Map - Golden Chalice Resources
Chapleau Diamond Project

Figure 3b - Traverses and Sample Sites
for Stream Sediment Samples
in Rennie, Meath, Stover and West Townships,
scale 1:20,000

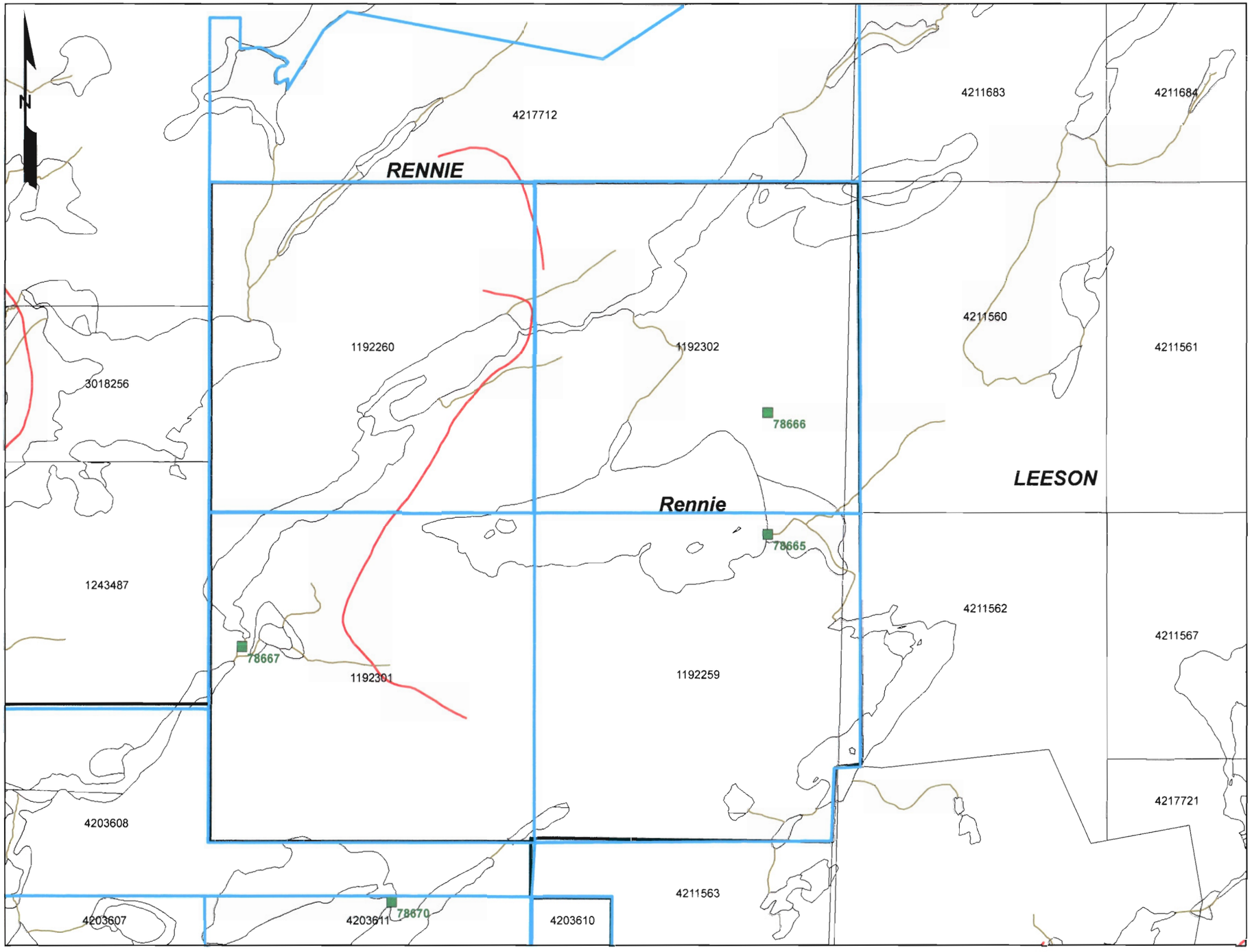
Jim Laidlaw
Feb 12, 2007



Location Map - Golden Chalice Resources Chapleau Diamond Project

Figure 3c - Traverse and Sample Sites for Stream Sediment Samples in Rennie, Meath, Stover and West Townships Claims, scale 1:20,000

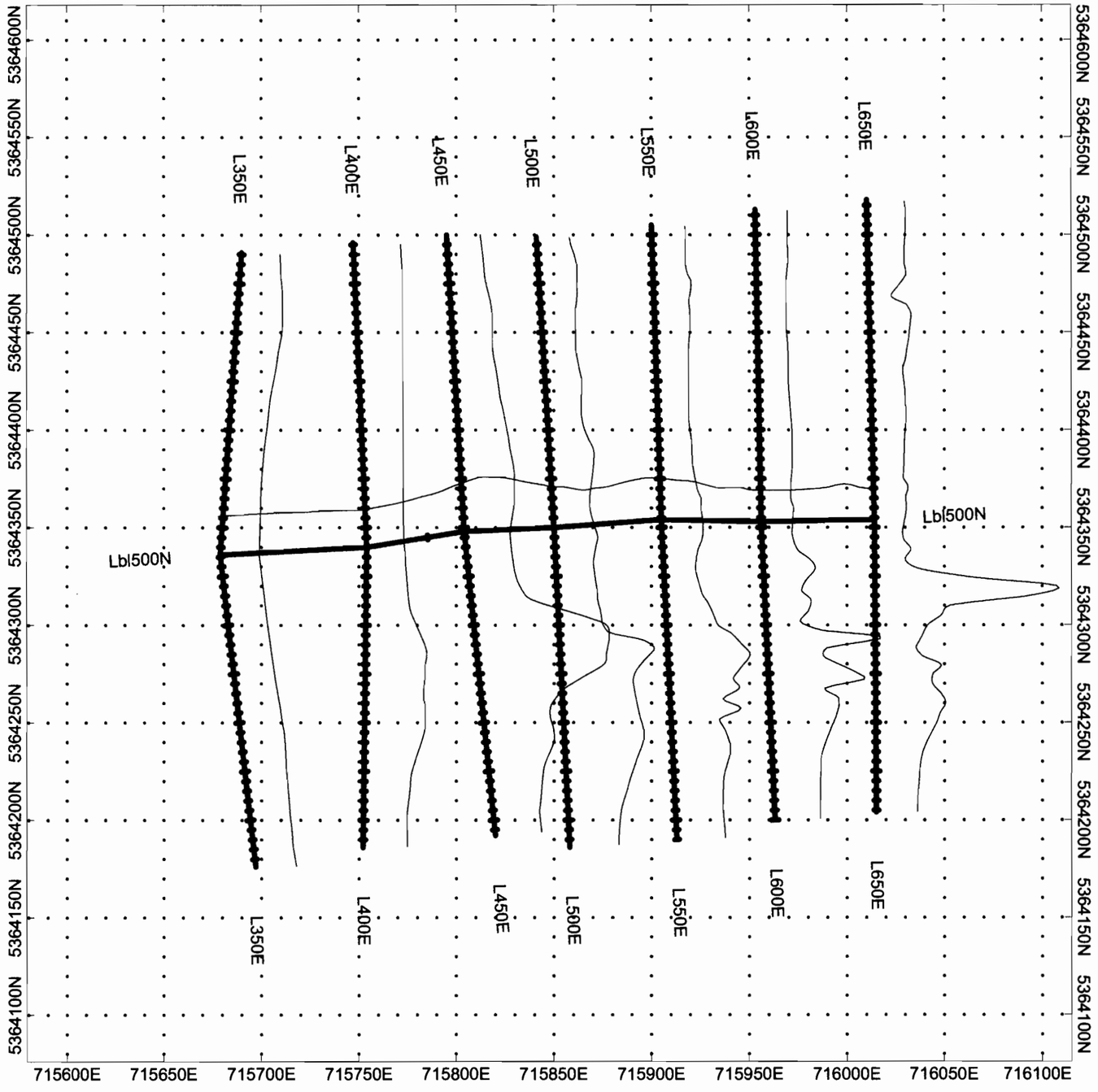
Jim Trudeau
Feb 12, 2007



Location Map - Golden Chalice Resources Chapleau Diamond Project

Figure 3d- Traverse and Sample Sites for Stream Sediment Samples in Rennie, Meath, Stover and West Townships Claims, scale 1:20,000

Jim Lindlow
Feb 12, 2007



Scale 1:2500

25 0 25 50 75 100 125 150

metres

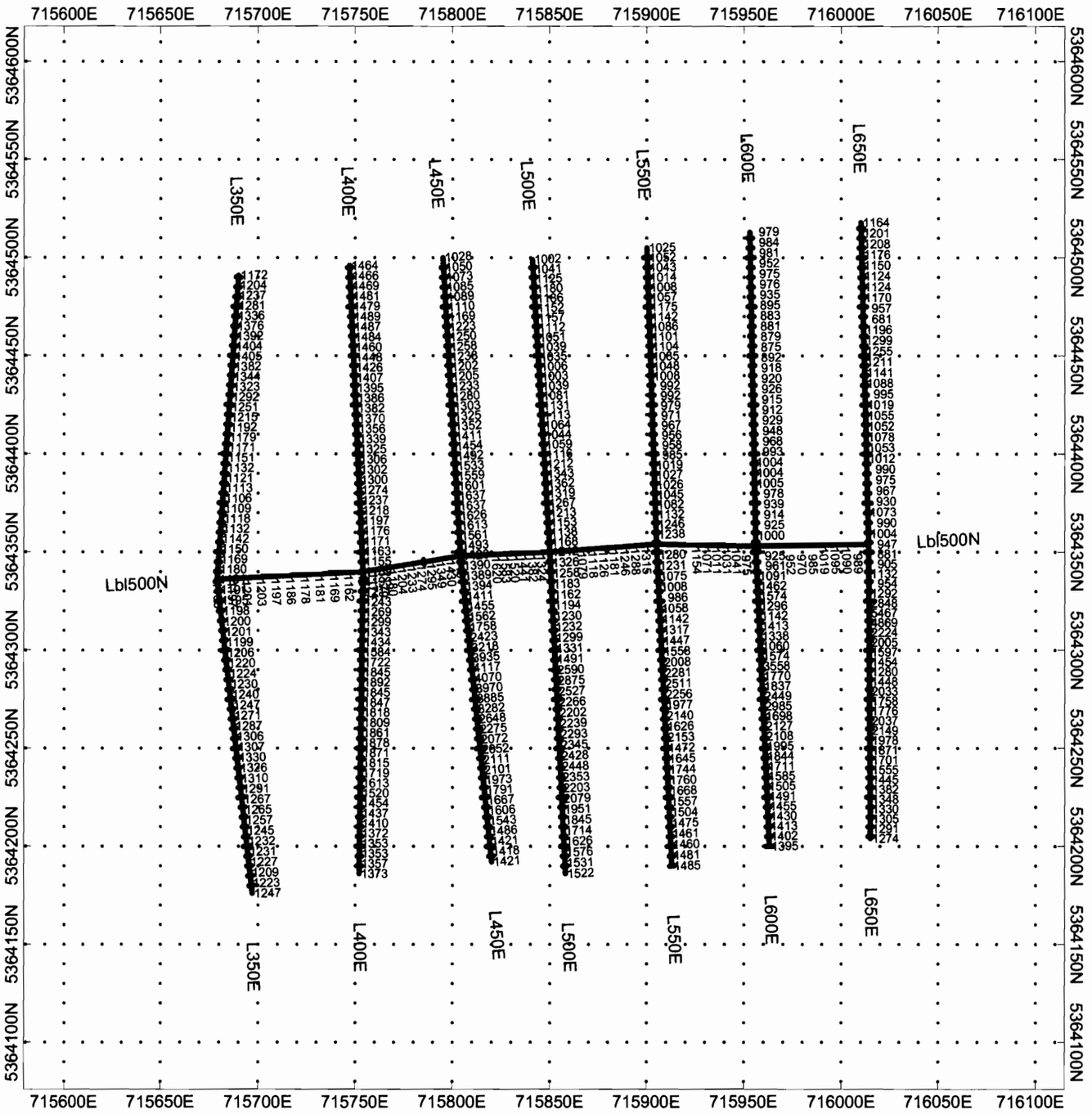
Jon Savard Feb 12, 2007

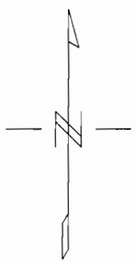
GOLDEN CHALICE RESOURCES

CHAPLEAU DIAMOND PROJECT
Grid: ME_04
Total Field Magnetics (Profile)

Verticle Scale 1cm = 1500 nT Profile Base = 56500
NTS 42 C/8 NAD 27 Zn 16
Instrumentation: GEM Systems GSM Overhauser Magnetometer
Survey Date: September 2006 Survey By: ~~Alain Segouin~~

Map By: Jon Savard J. Savard





Scale 1:2500

25 0 25 50 75 100 125 150

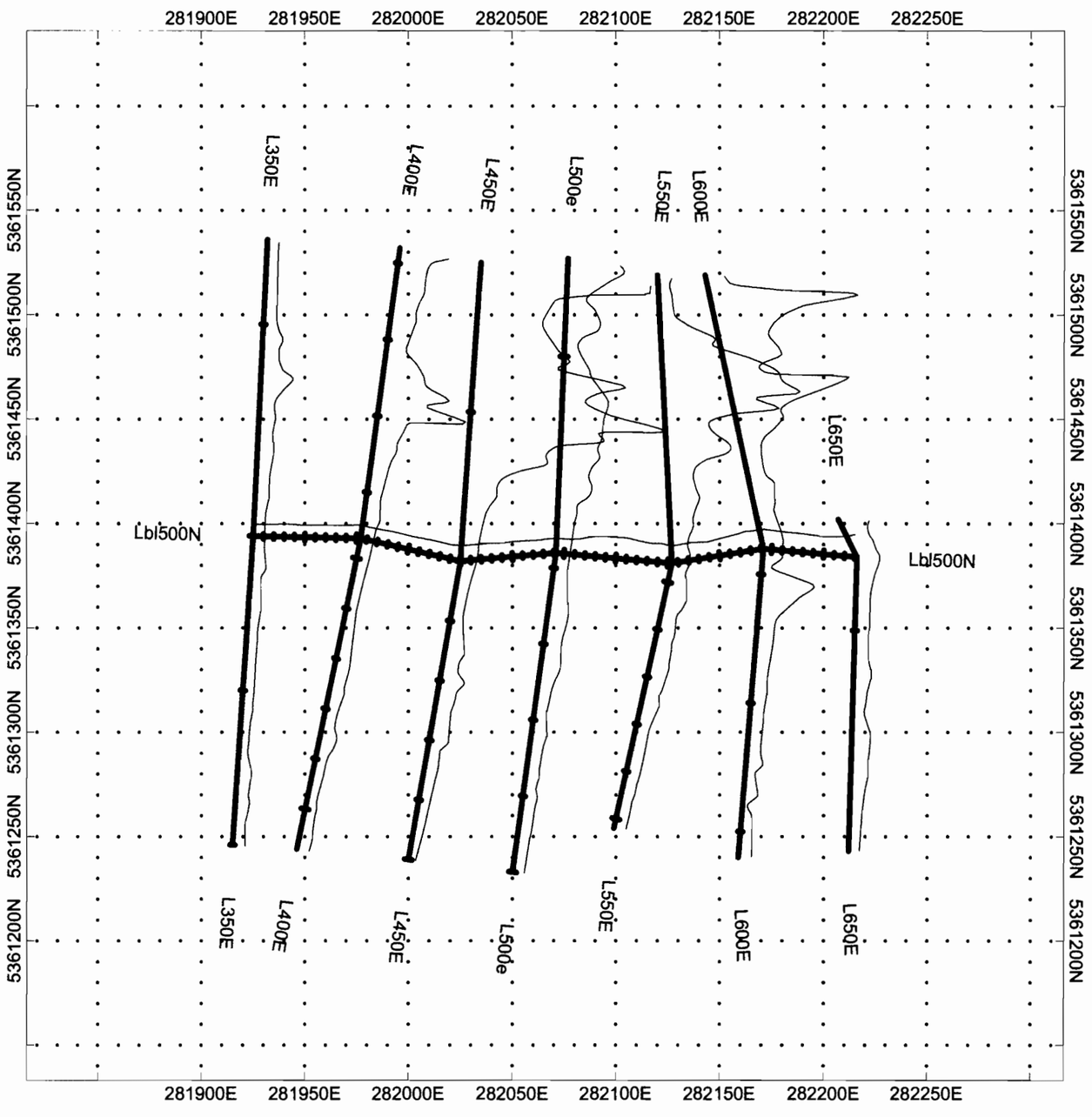
metres

GOLDEN CHALICE RESOURCES

CHAPLEAU DIAMOND PROJECT
Grid: ME_04
Total Field Magnetics (Posting)

Base Removed = 56500
NTS 42 C/8 NAD 27 Zn 16
Instrumentation: GEM Systems GSM Overhauser Magnetometer
Survey Date: September 2006 Survey By: Alain Segouin

Map By: Jon Savard J. Savard



Scale 1:2500

25 0 25 50 75 100 125 150

metres

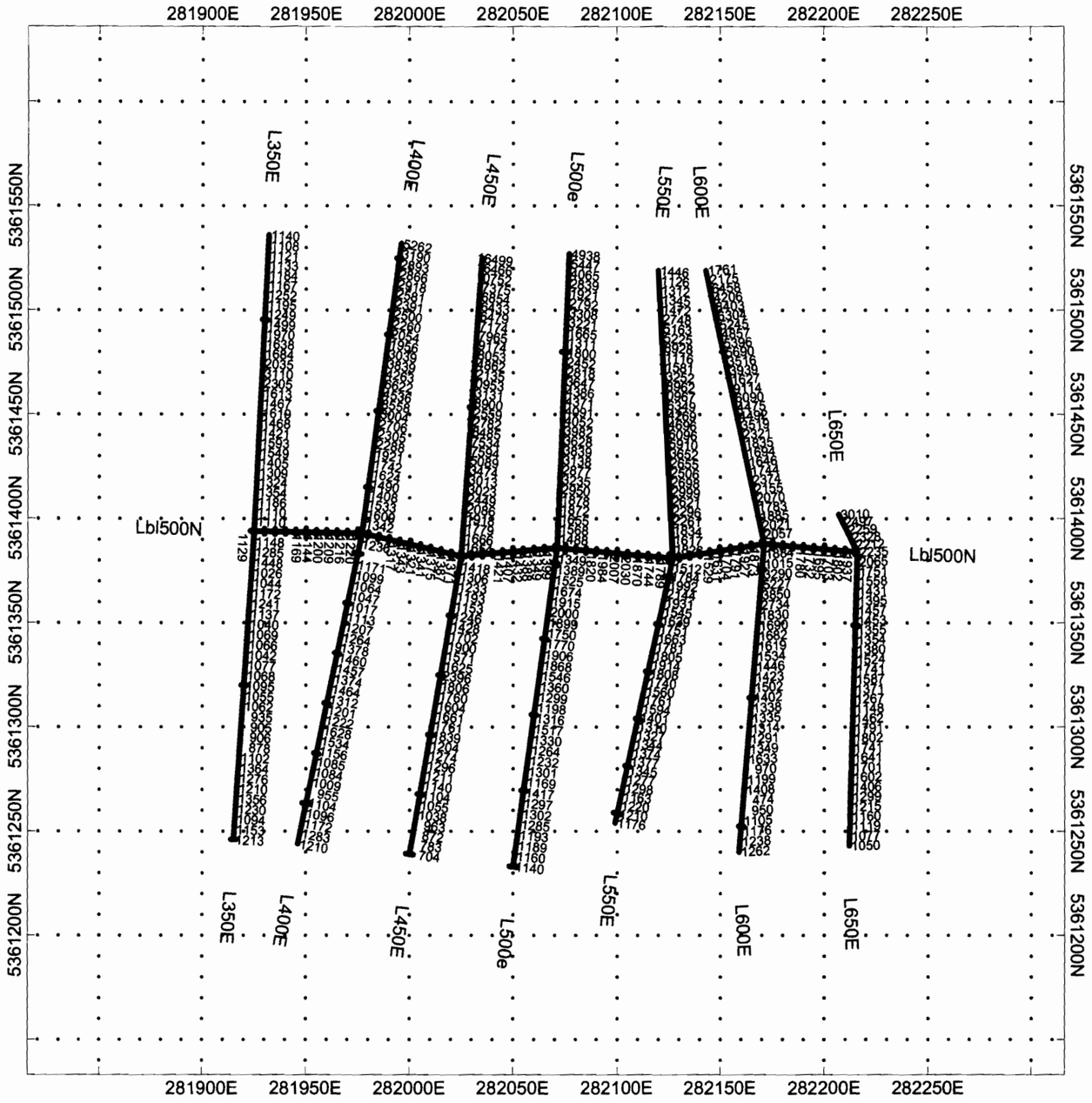
Jon Savard
Feb 12, 2007

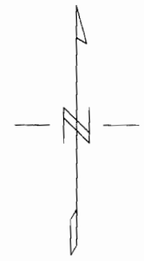
GOLDEN CHALICE RESOURCES

CHAPLEAU DIAMOND PROJECT
Grid: REN_01
Total Field Magnetics (Profile)

Verticle Scale 1cm = 5000 nT Profile Base = 56500
NTS 42 B/5 NAD 27 Zn 17
Instrumentation: GEM Systems GSM Overhauser Magnetometer
Survey Date: August 2006 Survey By: Jon Savard

Map By: Jon Savard





Scale 1:2500

25 0 25 50 75 100 125 150

metres

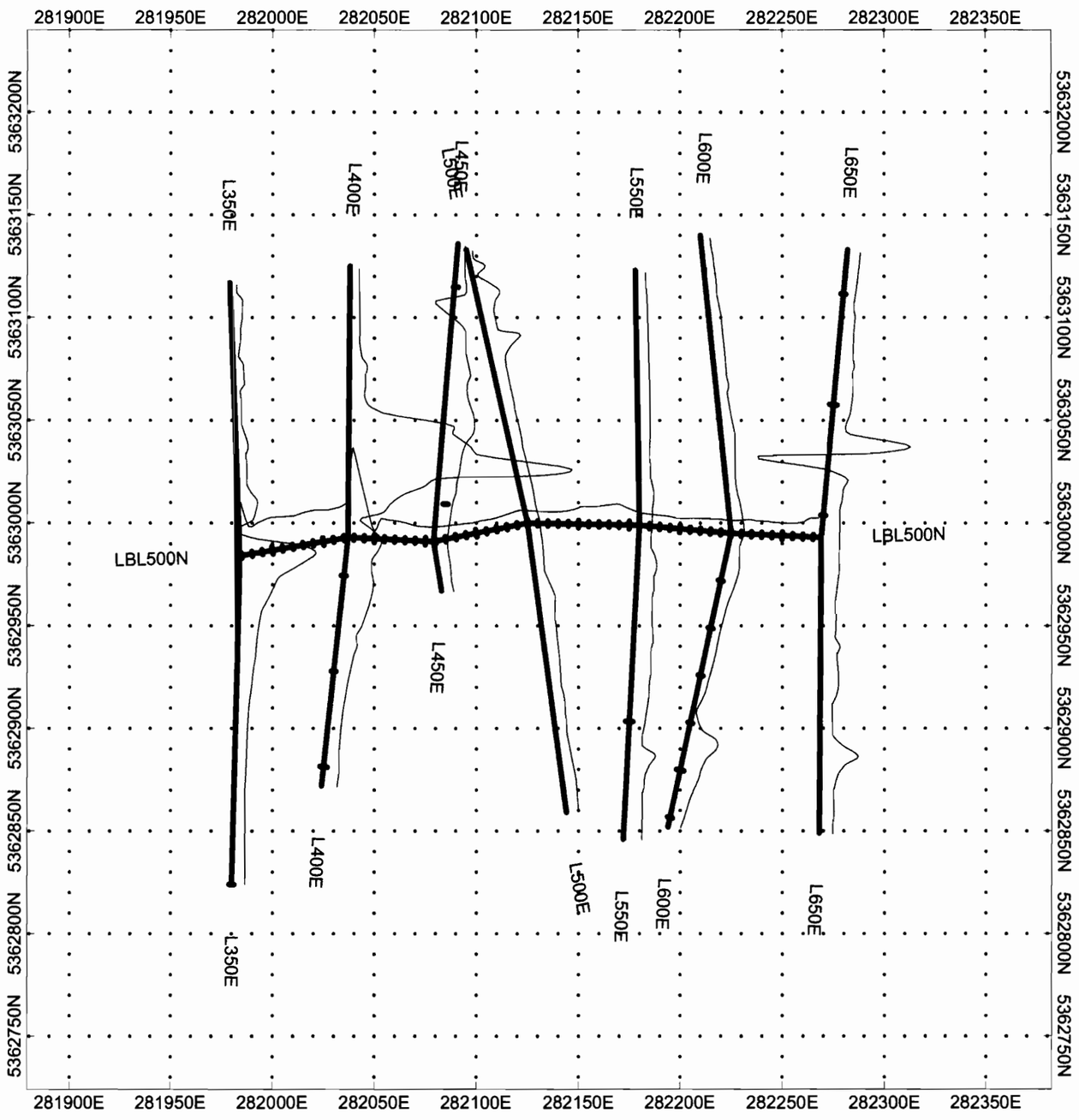
Feb 12, 2007

GOLDEN CHALICE RESOURCES

CHAPLEAU DIAMOND PROJECT
Grid: REN_01
Total Field Magnetics (Posting)

Base Removed = 56500
NTS 42 B/5 NAD 27 Zn 17
Instrumentation: GEM Systems GSM Overhauser Magnetometer
Survey Date: August 2006 Survey By: Jon Savard

Map By: Jon Savard



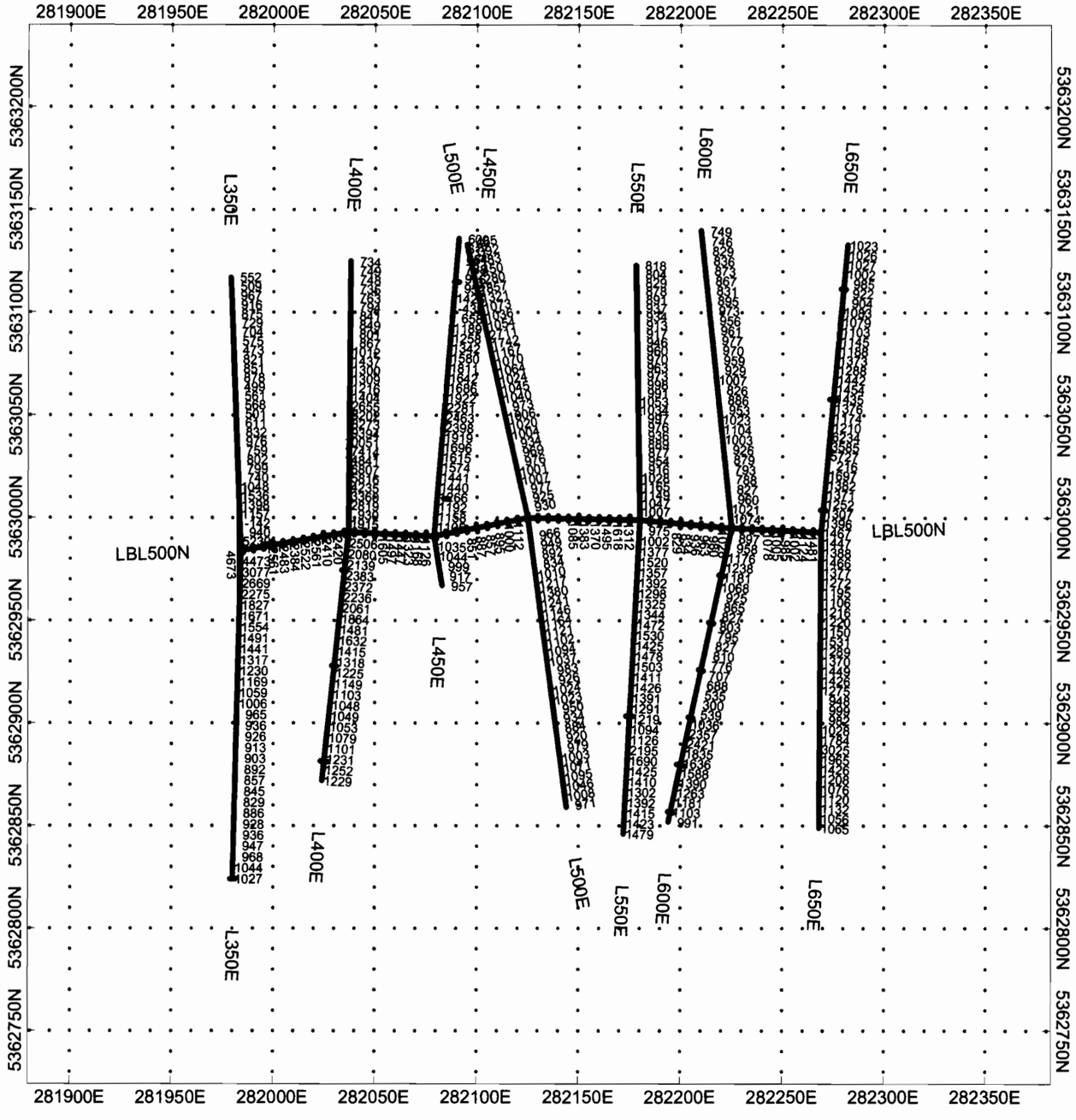
Scale 1:2500

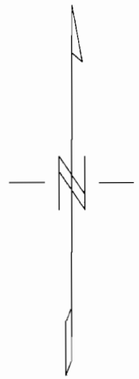
25 0 25 50 75 100 125 150

metres

Feb 12, 2007

GOLDEN CHALICE RESOURCES
CHAPLEAU DIAMOND PROJECT **Grid: REN_02** **Total Field Magnetics (Profile)**
Verticle Scale 1cm = 4000 nT Profile Base = 56500 NTS 42 B/5 NAD 27 Zn 17 Instrumentation: GEM Systems GSM Overhauser Magnetometer Survey Date: September 2006 Survey By: Jon Savard
Map By: Jon Savard





Scale 1:2500

25 0 25 50 75 100 125 150

metres

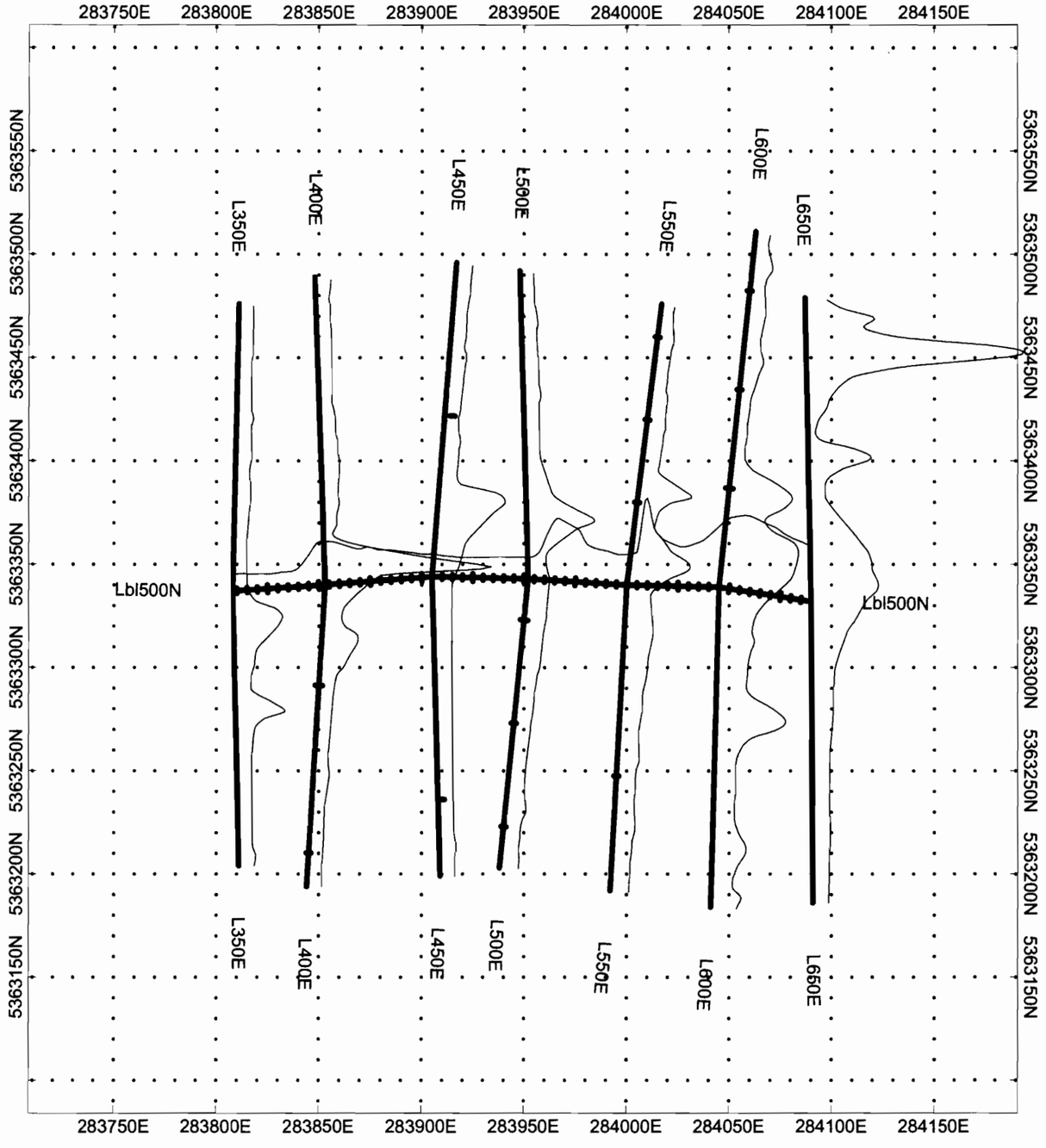
Jon Savard
Feb 12, 2007

GOLDEN CHALICE RESOURCES

CHAPLEAU DIAMOND PROJECT
Grid: REN_02
Total Field Magnetics (Posting)

Base Removed = 56500
NTS 42 B/5 NAD 27 Zn 17
Instrumentation: GEM Systems GSM Overhauser Magnetometer
Survey Date: September 2006 Survey By: Jon Savard

Map By: Jon Savard



Scale 1:2500

25 0 25 50 75 100 125 150

metres

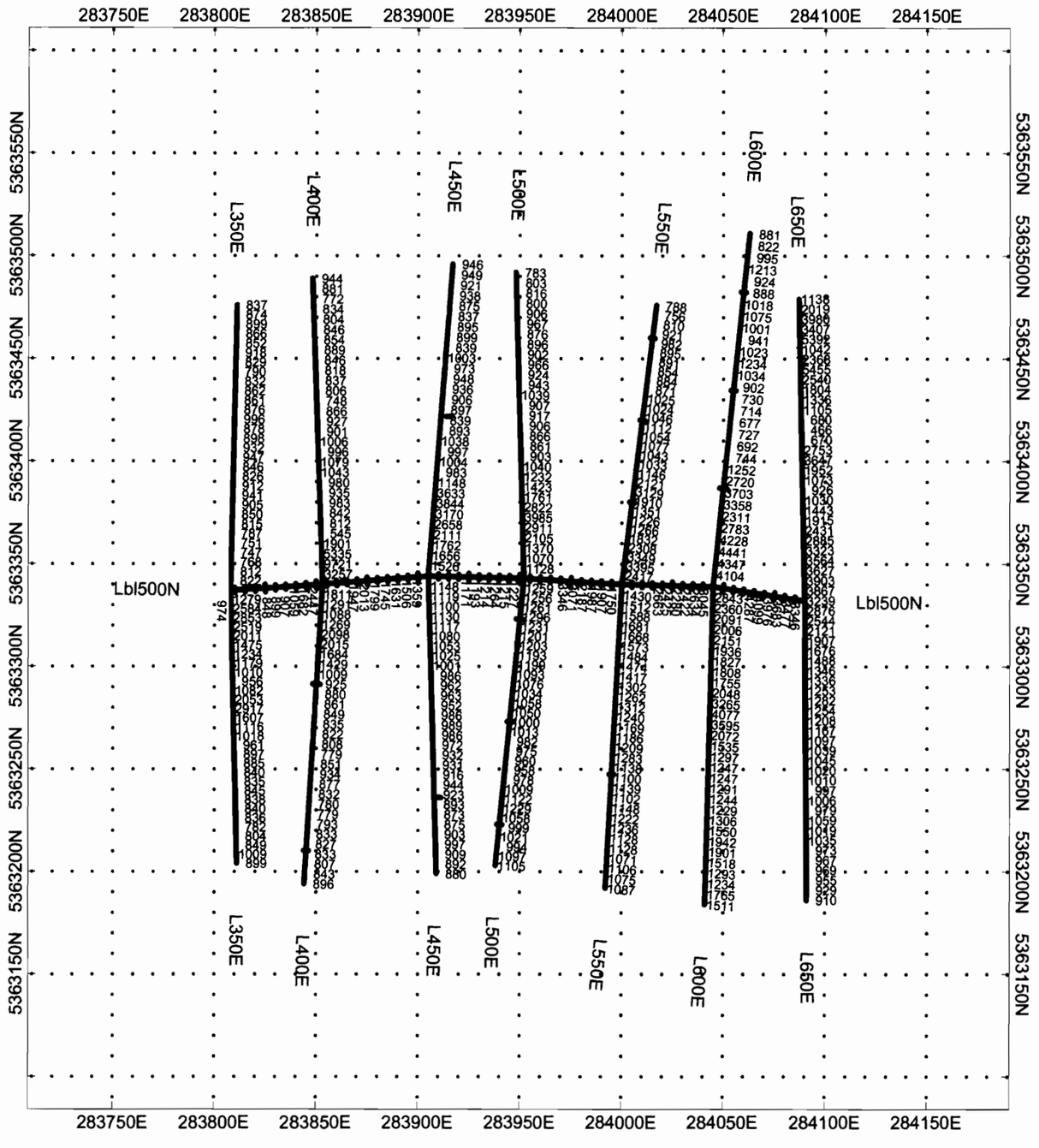
Feb 12, 2007

GOLDEN CHALICE RESOURCES

CHAPLEAU DIAMOND PROJECT
Grid: REN_03
Total Field Magnetics (Profile)

Verticle Scale 1cm = 3000 nT Profile Base = 56500
NTS 42 B/5 NAD 27 Zn 17
Instrumentation: GEM Systems GSM Overhauser Magnetometer
Survey Date: August 2006 Survey By: Jon Savard

Map By: Jon Savard



Scale 1:2500

25 0 25 50 75 100 125 150

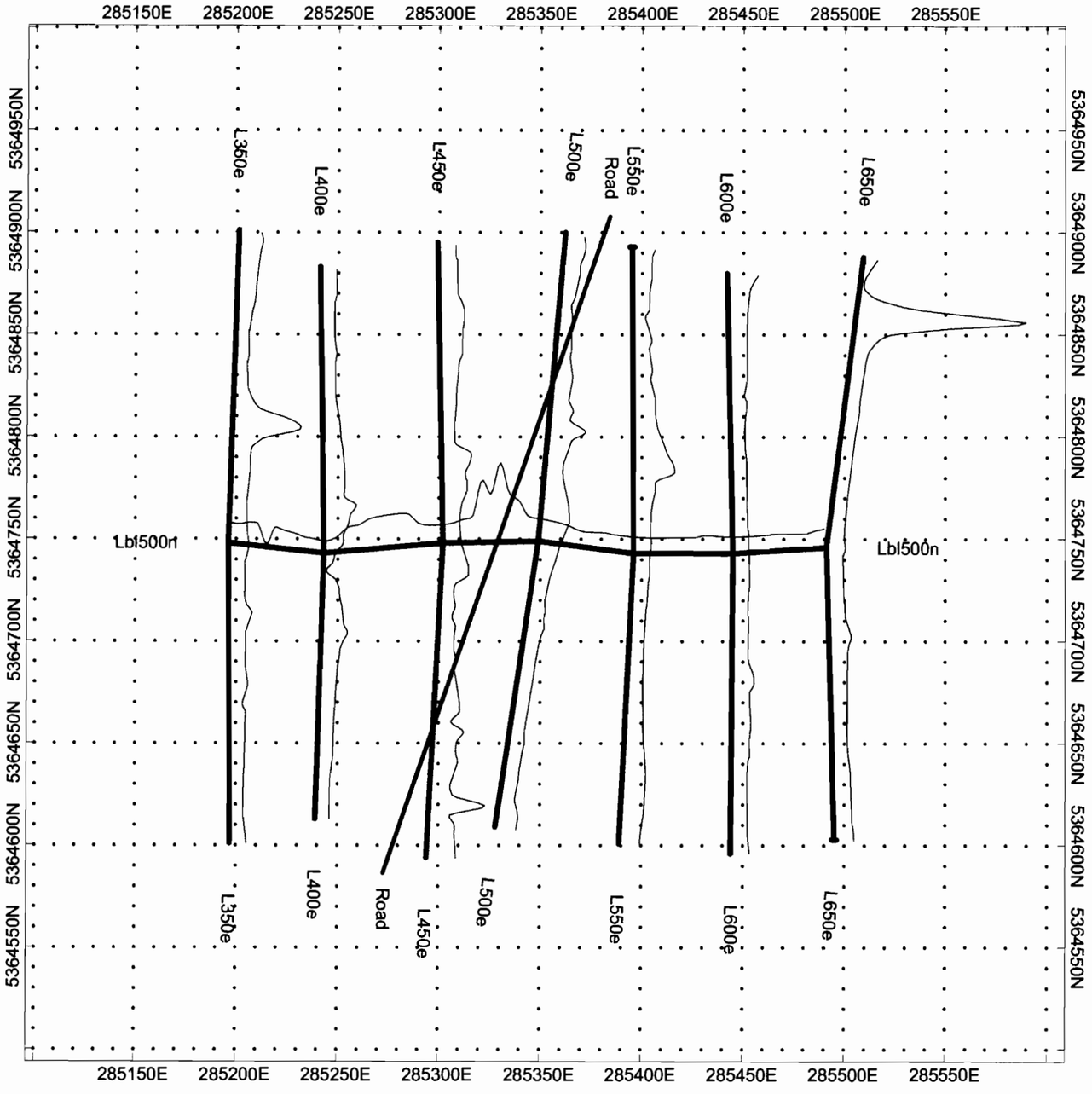
metres

GOLDEN CHALICE RESOURCES

CHAPLEAU DIAMOND PROJECT
Grid: REN_03
Total Field Magnetics (Posting)

Base Removed = 56500
NTS 42 B/5 NAD 27 Zn 17
Instrumentation: GEM Systems GSM Overhauser Magnetometer
Survey Date: August 2006 Survey By: Jon Savard

Map By: Jon Savard



Scale 1:2500

25 0 25 50 75 100 125 150

metres

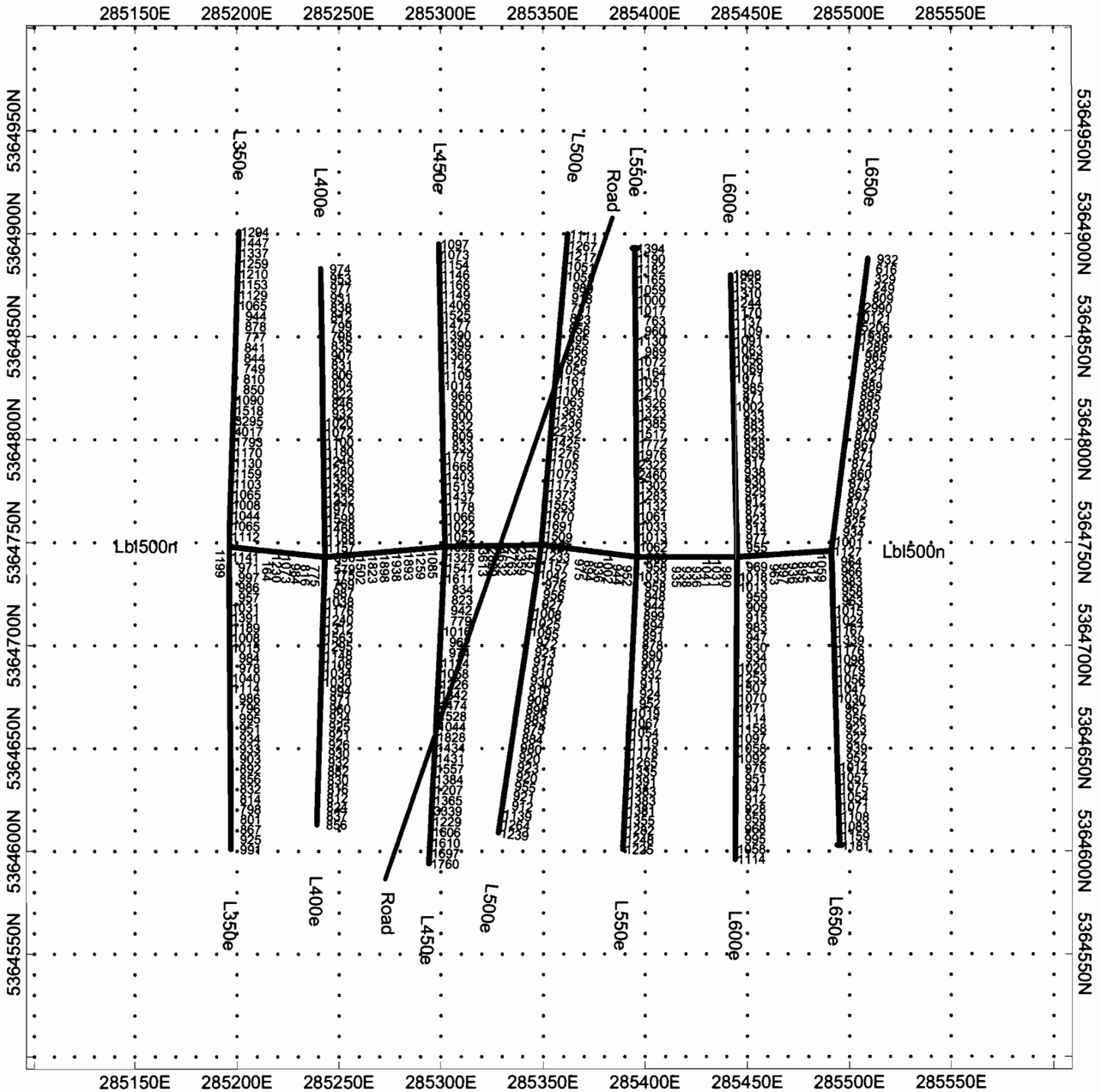
Jon Savard
Feb 12, 2007

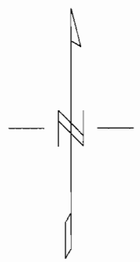
GOLDEN CHALICE RESOURCES

CHAPLEAU DIAMOND PROJECT
Grid: REN_04
Total Field Magnetics (Profile)

Verticle Scale 1 cm = 3000 nT Profile Base ~~5700~~ 56500 nT
NTS 42 B/5 NAD 27 Zn 17
Instrumentation: GEM Systems GSM Overhauser Magnetometer
Survey Date: August 2006 Survey By: Jon Savard

Map By: Jon Savard





Scale 1:2500

25 0 25 50 75 100 125 150

metres

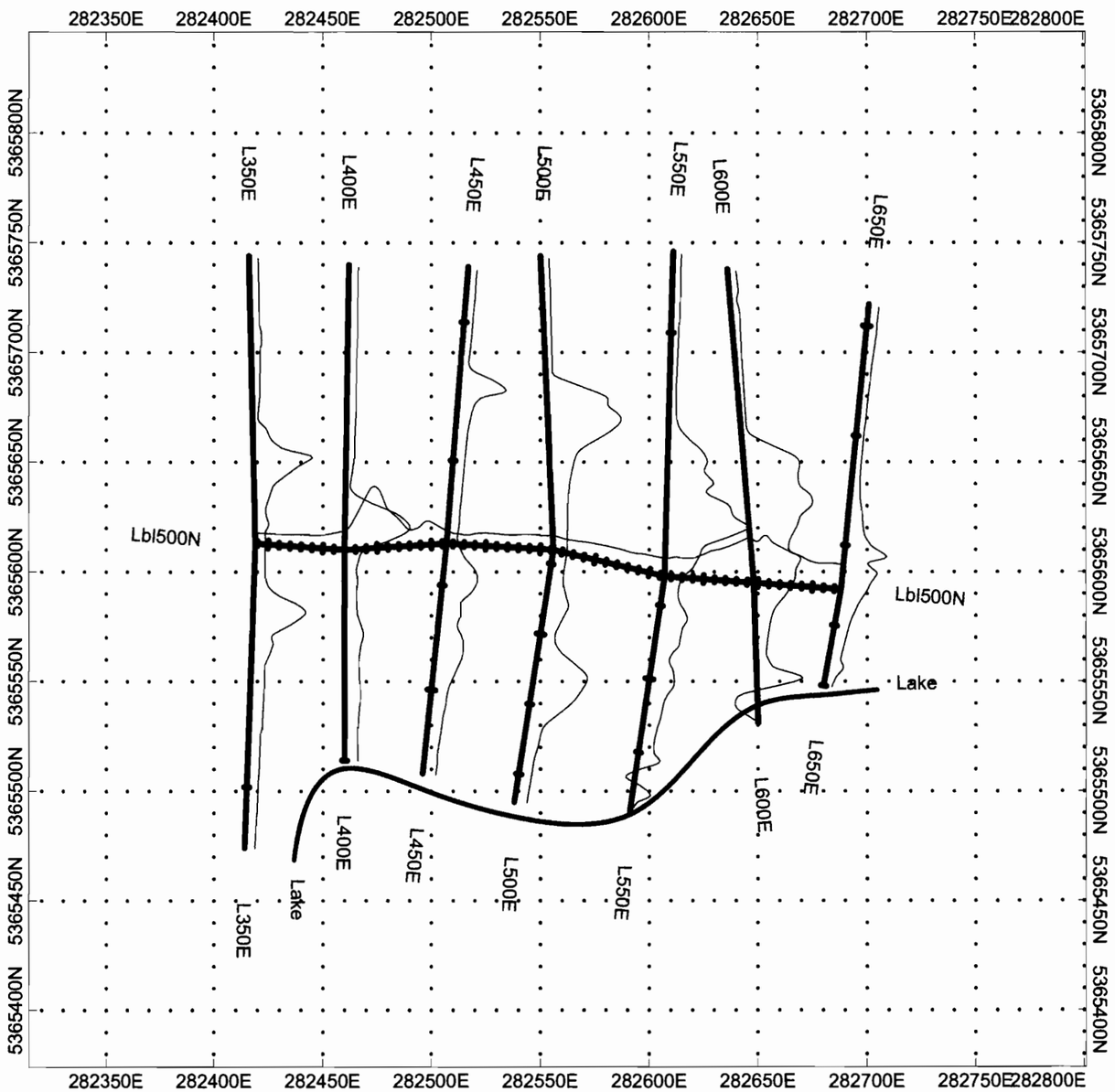
Jon Savard
Feb 12, 2007

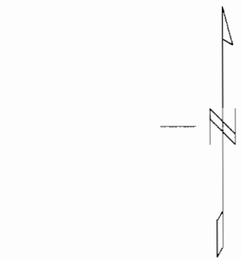
GOLDEN CHALICE RESOURCES

CHAPLEAU DIAMOND PROJECT
Grid: REN_04
Total Field Magnetics (Postings)

Base Removed 56500 nT
NTS 42 B/5 NAD 27 Zn 17
Instrumentation: GEM Systems GSM Overhauser Magnetometer
Survey Date: August 2006 Survey By: Jon Savard

Map By: Jon Savard





Scale 1:2500

25 0 25 50 75 100 125 150

metres

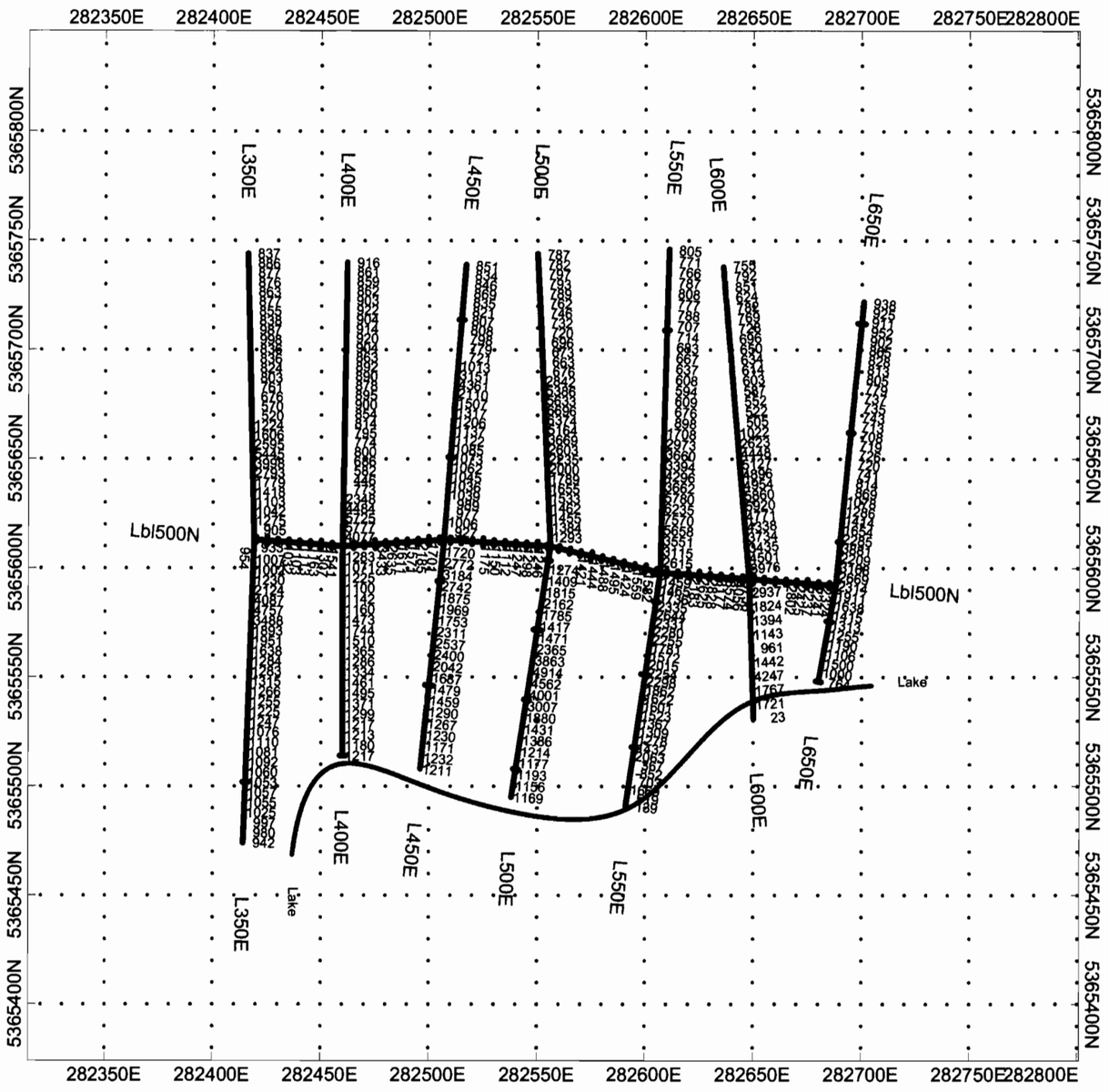
Jon Savard
Feb 12, 2007

GOLDEN CHALICE RESOURCES

CHAPLEAU DIAMOND PROJECT
Grid: REN_05
Total Field Magnetics (Profile)

Verticle Scale 1cm = 5000 nT Profile Base = 56500
NTS 42 B/5 NAD 27 Zn 17
Instrumentation: GEM Systems GSM Overhauser Magnetometer
Survey Date: August 2006 Survey By: Jon Savard

Map By: Jon Savard



Scale 1:2500

25 0 25 50 75 100 125 150

metres

Jon Savard
Feb 12, 2007

GOLDEN CHALICE RESOURCES
CHAPLEAU DIAMOND PROJECT **Grid: REN_05** **Total Field Magnetics (Posting)**
Base Removed = 56500 NTS 42 B/5 NAD 27 Zn 17 Instrumentation: GEM Systems GSM Overhauser Magnetometer Survey Date: August 2006 Survey By: Jon Savard
Map By: Jon Savard

C.F. MINERAL RESEARCH LIMITED

TEL (250) 860-8525
FAX (250) 862-9435

1677 POWICK ROAD
KELOWNA, BRITISH COLUMBIA
CANADA V1X 4L1

Client: True North Mineral Laboratories
475 Railway Street
Timmons, Ont. P4N 2P3

CERTIFICATE PW06GB35007404

This certificate refers to a report of **150** full electron microprobe analyses (and associated work) carried out within C.F. Mineral Research batches **06-3344(46), 06-3345(68) and 06-3346(68)**. The report was completed on the **31 October 2006**.

All results apply to samples/fractions/grains as submitted and are considered to be the confidential property of the Client and supersede any preliminary report with this certificate number.

The certificate gives **Kevin Cool** (the Client representative) full access to all cited results.

Signed by: Dr. M.E. Whitehead

Date: 18 April 2007

Access to cited results, for the above Batch Number(s), relating directly to the Client: Golden Chalice Resources or Chalice Diamond Corporation is hereby transferred to Peter Caldbick.

Signed by: Kevin Cool (Client Representative)

Date: 25 June 2007

Sample Name	Fraction	Mount	Cel	Grn	SA	CFM	DI	SiO2	TiO2	Al2O3	V2O3	Cr2O3	Fe2O3	FeO	MgO	CaO	MnO	NiO	ZnO	Nb2O5	Na2O	Max Trace Na2O	K2O	Total
V3674		5178	7	508	*																			
V3674		5178	7	601	*																			
V3674		5178	7	602	*																			
V3674		5178	7	603	*																			
V3674		5178	7	604	*																			
V3674		5178	7	605	*																			
V3674		5178	7	606	*																			
V3674		5178	7	607	*																			

Customer: GB35 | ELECTRON MICROPROBE ANALYSIS FROM C.F. MINERAL RESEARCH LTD. | 14 Feb 2007 1:27 pm

Probe Batch: | Certificate #: PW06GB35007404 | File: PW7404.PRN

Comment: PW06GB35007404

Sample Name	Fraction	Mount	Cel	Grn	SA	CFM	DI	SiO2	TiO2	Al2O3	V2O3	Cr2O3	Fe2O3	FeO	MgO	CaO	MnO	NiO	ZnO	Nb2O5	Na2O	Max Trace Na2O	K2O	Total
V3674		5179	1	412		*																		
V3675		5181	1	501		*																		
V3675		5181	1	502		*																		
V3675		5181	1	503		*																		
V3675		5181	1	504		*																		
V3675		5181	1	505		*																		
V3675		5181	1	506		*																		
V3675		5181	1	507		*																		
V3676		5178	5	206		*																		
V3676		5178	5	301		*																		
V3676		5178	5	302		*																		
V3676		5178	5	303		*																		
V3676		5178	5	401		*																		
V3676		5178	5	402		*																		
V3676		5178	5	403		*																		
V3676		5178	5	404		*																		
V3676		5178	5	405		*																		
V3676		5178	5	406		*																		
V3676		5178	5	407		*																		
V3676		5178	5	501		*																		
V3676		5178	5	502		*																		
V3676		5178	5	304	CE	CP5	-	54.92	.22	.47		.50	2.83	17.47	23.03	.06	.03			.37		.00	99.90
V3676		5178	5	305	CP	CP5	-	54.82	.22	.36		.63	2.75	17.38	23.10	.06	.05			.43		.00	99.80

=== Classifications ===

Sample Name	Fraction	Mount	Cel	Grn	SA	CFM	DI	SiO2	TiO2	Al2O3	V2O3	Cr2O3	Fe2O3	FeO	MgO	CaO	MnO	NiO	ZnO	Nb2O5	Na2O	Max Trace Na2O	K2O	Total
V4003		5178	4	506		*																		
V4003		5178	4	507		*																		
V4003		5178	4	601		*																		
V4003		5178	4	602		*																		
V4003		5178	4	603		*																		
V4003		5178	4	604		*																		
V4003		5178	4	605		*																		
V4003		5178	4	606		*																		
V4003		5178	4	607		*																		
V4003		5178	5	101		*																		
V4003		5178	5	102		*																		
V4008		5178	2	103		*																		
V4008		5178	2	104		*																		
V4008		5178	2	105		*																		
V4008		5178	2	106		*																		
V4008		5178	2	201		*																		
V4008		5178	2	202		*																		
V4009		5178	3	405		*																		
V4009		5178	3	406		*																		
V4009		5178	3	407		*																		
V4009		5178	3	408		*																		
V4009		5178	3	501		*																		
V4009		5178	3	502		*																		

Customer: GB35

ELECTRON MICROPROBE ANALYSIS FROM C.F. MINERAL RESEARCH LTD.

14-Feb-2007 1:27 pm

Probe Batch:

Certificate #: PW06GB35007404

File: PW7404.PRN

Comment: PW06GB35007404

Sample Name	Fraction	Mount	Cel	Grn	SA	CFM	DI	SiO2	TiO2	Al2O3	V2O3	Cr2O3	Fe2O3	FeO	MgO	CaO	MnO	NiO	ZnO	Nb2O5	Na2O	Max Trace Na2O	K2O	Total
V4009		5178	3	503		*																		
V4009		5178	3	504		*																		
V4009		5178	3	505		*																		
V4009		5178	3	506		*																		
V4009		5178	3	507		*																		
V4009		5178	3	601		*																		
V4009		5178	3	602		*																		
V4009		5178	3	603		*																		
V4009		5178	3	604		*																		
V4009		5178	3	605		*																		

C.F. MINERAL RESEARCH LIMITED

TEL (250) 860-8525
FAX (250) 862-9435

1677 POWICK ROAD
KELOWNA, BRITISH COLUMBIA
CANADA V1X 4L1

Client: True North Mineral Laboratories
475 Railway Street
Timmons, Ont. P4N 2P3

CERTIFICATE PW07HA17003514

This certificate refers to a report of **107** full electron microprobe analyses (and associated work) carried out within C.F. Mineral Research batches **07-3566(98)**. The report was completed on the **12 March 2007**.

All results apply to samples/fractions/grains as submitted and are considered to be the confidential property of the Client and supersede any preliminary report with this certificate number.

The certificate gives **Kevin Cool** (the Client representative) full access to all cited results.

Signed by: M.E. Whitehead Dr. M.E. Whitehead

Date: 17 April 2007

Access to cited results, for the above Batch Number(s), relating directly to the Client: Golden Chalice Resources or Chalice Diamond Corporation is hereby transferred to Peter Caldbick.

Signed by: Kevin Cool (Client Representative)

Date: 25 June 2007

Sample Name	Fraction	Mount	Cel	Grn	SA	CFM	DI	SiO2	TiO2	Al2O3	V2O3	Cr2O3	Fe2O3	FeO	MgO	CaO	MnO	NiO	ZnO	Nb2O5	Na2O	Max Trace Na2O	K2O	Total
6360		5370	1	101		*																		
6360		5370	1	103		*																		
6360		5370	1	104		*																		
6360		5370	1	105		*																		
6360		5370	1	102	R	ALM		38.42	.05	22.30		.08		30.67	7.42	1.22	.62	.00			.00		.01	100.80

Customer: HA17 — ELECTRON MICROPROBE ANALYSIS FROM C.F. MINERAL RESEARCH LTD. — 17 Apr 2007 12:48 pm

Probe Batch: — Certificate #: PW07HA17003514 — File: PW3514.PRN

Comment: PW07HA17003514

Sample					≡≡≡ Classifications ≡≡≡≡≡≡≡														Max Trace		
Name	Fraction	Mount	Cel	Grn	SA	CFM	DI	SiO2	TiO2	Al2O3	V2O3	Cr2O3	Fe2O3	FeO	MgO	CaO	MnO	NiO	ZnO	Nb2O5	Na2O	Na2O	K2O	Total
6513		5371	8	401		*																		
6513		5371	8	402		*																		
6513		5371	8	403		*																		
6515		5371	8	406		*																		
6515		5371	8	407		*																		
6515		5371	8	502		*																		
6515		5371	8	503		*																		
6515		5371	8	504		*																		
6515		5371	8	505		*																		
6515		5371	8	506		OPX		59.09	.02	.15		.06		8.06	29.06	.42	.24	.24			.03		.00	97.38#
6515		5371	8	501	CP	CPX	-	53.51	.29	1.24		.91		5.43	17.14	20.40	.16	.09			.54		.00	99.71

Sample Name	Fraction	Mount	Cel	Grn	SA	CFM	DI	SiO2	TiO2	Al2O3	V2O3	Cr2O3	Fe2O3	FeO	MgO	CaO	MnO	NiO	ZnO	Nb2O5	Na2O	Max Trace Na2O	K2O	Total
6519		5371	9	108		*																		
6519		5371	9	203		*																		
6519		5371	9	204		*																		
6519		5371	9	205		*																		
6519		5371	9	202		OPX		56.52	.02	.58	.08		15.08	23.41	.59	.62	.08				.07		.00	97.06#
6519		5371	9	109	CE	CPX		54.20	.04	.74	.14		3.81	15.68	24.68	.13	.05				.46		.01	99.93
6519		5371	9	201	CP	CPX	-	53.22	.39	1.23	.92		5.50	16.70	20.59	.13	.07				.53		.00	99.27

C.F. MINERAL RESEARCH LIMITED

TEL 250) 860-8525
FAX 250) 862-9435

1677 POWICK ROAD
KELOWNA, BRITISH COLUMBIA
CANADA V1X 4L1

Client: True North Mineral Laboratories
475 Railway Street
Timmons, Ont. P4N 2P3

CERTIFICATE PW06GB73003214

This certificate refers to a report of **49** full electron microprobe analyses (and associated work) carried out within C.F. Mineral Research batches **06-3502(84)**. The report was completed on the **17 January 2007**.

All results apply to samples/fractions/grains as submitted and are considered to be the confidential property of the Client and supersede any preliminary report with this certificate number.

The certificate gives **Peter Caldbick** full access to all cited results.

Signed by: Dr. M.E. Whitehead

Date: 14 February 2007

Access to cited results, for the above Batch Number(s), relating directly to the Client: Golden Chalice Resources or Chalice Diamond Corporation is hereby transferred to Peter Caldbick.

Signed by: Kevin Cool (Client Representative)

Date: 25 June 2007

Customer: GB73 ELECTRON MICROPROBE ANALYSIS FROM C.F. MINERAL RESEARCH LTD. 16-Jan-2007 9:43 am

Probe Batch: Jan (07) Batch File: 06-3502 File: prb3502.prn

Comment:

Sample Name	Fraction	Mount	Cel	Grn	ðð Classifications ðð SA	CFM	DI	SiO2	TiO2	Al2O3	V2O3	Cr2O3	Fe2O3	FeO	MgO	CaO	MnO	NiO	ZnO	Nb2O5	Na2O	Max Trace Na2O	K2O	Total
5019		5323	7	111		*																		
5019		5323	7	201		*																		
5019		5323	7	202		*																		
5019		5323	7	204		*																		
5019		5323	7	205		*																		
5019		5323	7	206		*																		
5019		5323	7	207		*																		
5019		5323	7	208		*																		
5019		5323	7	209		*																		
5019		5323	7	210		*																		
5019		5323	7	211		*																		
5019		5323	7	203		OP5	-	55.63	.07	1.31		.59		9.37	30.19	2.11	.21	.10			.03		.00	99.59
5020		5323	8	508		*																		
5020		5323	8	601		*																		
5020		5323	8	602		*																		
5020		5323	8	603		*																		
5020		5323	8	604		*																		
5020		5323	8	605		*																		
5020		5323	8	606		*																		
5020		5323	8	607		*																		
5020		5323	8	608		*																		
5020		5323	9	101		*																		
5020		5323	9	102		*																		
5020		5323	9	103		*																		
5020		5323	9	104		*																		
5021		5323	3	304		*																		
5021		5323	3	305		*																		
5021		5323	3	306		*																		
5021		5323	3	307		*																		
5021		5323	3	401		*																		
5021		5323	3	402		*																		
5021		5323	3	403		*																		
5021		5323	3	404		*																		
5021		5323	3	405		*																		
5022		5323	1	106		*																		
5022		5323	1	107		*																		
5022		5323	1	108		*																		

Sample Name	Fraction	Mount	Cel	Grn	ðð Classifications ðð SA	CFM	DI	SiO2	TiO2	Al2O3	V2O3	Cr2O3	Fe2O3	FeO	MgO	CaO	MnO	NiO	ZnO	Nb2O5	Na2O	Max Trace Na2O	K2O	Total
5022		5323	1	109		*																		
5022		5323	1	201		*																		
5022		5323	1	202		*																		
5022		5323	1	203		*																		
5022		5323	1	204		*																		
5022		5323	1	205		*																		
5022		5323	1	206		*																		
5023		5323	8	404		*																		
5023		5323	8	406		*																		
5023		5323	8	407		*																		
5023		5323	8	408		*																		
5023		5323	8	409		*																		
5023		5323	8	501		*																		
5023		5323	8	502		*																		
5023		5323	8	503		*																		
5023		5323	8	504		*																		
5023		5323	8	505		*																		
5023		5323	8	506		*																		
5023		5323	8	507		*																		
5023		5323	8	405	CP	CP5	-	53.82	.24	2.05		.62		2.99	16.93	23.43	.07	.05			.26		.00	100.45
5024		5323	9	303		*																		
5024		5323	9	305		*																		
5024		5323	9	306		*																		
5024		5323	9	304	CP	CP4	-	53.21	.58	1.59		.57		6.16	16.11	20.70	.19	.06			.57		.00	99.74
5025		5323	7	509		*																		
5025		5323	7	510		*																		
5026		5323	9	105		*																		
5026		5323	9	106		*																		
5026		5323	9	107		*																		
5026		5323	9	108		*																		
5026		5323	9	109		*																		
5026		5323	9	110		*																		
5026		5323	9	202		*																		
5026		5323	9	201		OLV-FORS	DI*	41.47	.00	.05		.07		6.93	51.04	.06	.08	.30			.01		.00	100.03
5027		5328	5	406		*																		

Sample Name	Fraction	Mount	Cel	Grn	ðð Classifications ðððððð SA	CFM	DI	SiO2	TiO2	Al2O3	V2O3	Cr2O3	Fe2O3	FeO	MgO	CaO	MnO	NiO	ZnO	Nb2O5	Na2O	Max Trace Na2O	K2O	Total
5027		5328	5	407		*																		
5028		5323	5	607		*																		
5028		5323	5	701		*																		
5028		5323	6	101		*																		
5028		5323	6	102		*																		
5028		5323	6	103		*																		
5028		5323	6	104		*																		
5028		5323	6	105		*																		
5028		5323	6	106		*																		
5028		5323	5	702	CP	CP5	-	54.54	.24	.57		.60		2.98	16.98	23.34	.08	.04			.38		.00	99.74
5028		5323	5	703	CP	CP5	-	53.88	.24	1.19		.54		2.97	17.19	22.84	.03	.08			.40		.00	99.36
5029		5323	4	110		*																		
5029		5323	4	201		*																		
5029		5323	4	202		*																		
5029		5323	4	203		*																		
5029		5323	4	204		*																		
5029		5323	4	205		*																		
5030		5323	7	102		*																		
5030		5323	7	103		*																		
5030		5323	7	104		*																		
5030		5323	7	105		*																		
5030		5323	7	106		*																		
5031		5328	2	611		*																		
5031		5328	3	101		*																		
5031		5328	3	103		*																		
5031		5328	3	104		*																		
5031		5328	3	105		*																		
5031		5328	3	106		*																		
5031		5328	3	107		*																		
5031		5328	3	102	CP	CP5	-	53.82	.37	.55		.91		3.06	16.72	23.42	.03	.05			.41		.00	99.35
5032		5323	7	609		*																		
5032		5323	7	610		*																		
5032		5323	7	701		*																		
5032		5323	7	702		*																		
5032		5323	7	703		*																		

Sample Name	Fraction	Mount	Cel	Grn	ðð Classifications ðð SA	CFM	DI	SiO2	TiO2	Al2O3	V2O3	Cr2O3	Fe2O3	FeO	MgO	CaO	MnO	NiO	ZnO	Nb2O5	Na2O	Max Trace Na2O	K2O	Total
5032		5323	7	704		*																		
5032		5323	7	705		*																		
5032		5323	7	707		*																		
5032		5323	7	708		*																		
5032		5323	7	709		*																		
5032		5323	7	710		*																		
5032		5323	7	711		*																		
5032		5323	7	712		*																		
5032		5323	7	713		*																		
5032		5323	7	714		*																		
5032		5323	7	715		*																		
5032		5323	7	716		*																		
5032		5323	8	101		*																		
5032		5323	8	102		*																		
5032		5323	8	103		*																		
5032		5323	7	706		OP5	-	57.27	.04	1.47		.14		10.55	27.22	.58	.29	.16			.21		.00	97.94#
5033		5328	4	607		*																		
5033		5328	4	608		*																		
5033		5328	4	609		*																		
5033		5328	4	610		*																		
5033		5328	4	701		*																		
5033		5328	4	702		*																		
5033		5328	4	703		*																		
5033		5328	4	704		*																		
5033		5328	4	705		*																		
5033		5328	4	706		*																		
5037		5323	1	101		*																		
5037		5323	1	102		*																		
5037		5323	1	103		*																		
5037		5323	1	104		*																		
5037		5323	1	105		*																		
5038		5323	2	504		*																		
5038		5323	2	505		*																		
5038		5323	2	506		*																		
5038		5323	2	507		*																		
5038		5323	2	508		*																		
5038		5323	2	509		*																		

Sample Name	Fraction	Mount	Cel	Grn	ðõõ Classifications ðõõõõõõ SA	CFM	DI	SiO2	TiO2	Al2O3	V2O3	Cr2O3	Fe2O3	FeO	MgO	CaO	MnO	NiO	ZnO	Nb2O5	Na2O	Max Trace Na2O	K2O	Total
5038		5323	2	601		*																		
5039		5323	9	203		*																		
5039		5323	9	204		*																		
5039		5323	9	205		*																		
5039		5323	9	206		*																		
5039		5323	9	207		*																		
5039		5323	9	208		*																		
5039		5323	9	209		*																		
5039		5323	9	210		*																		
5039		5323	9	211		*																		
5039		5323	9	212		*																		
5039		5323	9	213		*																		
5039		5323	9	301		*																		
5039		5323	9	302		*																		
5040		5323	8	104		*																		
5040		5323	8	105		*																		
5040		5323	8	106		*																		
5040		5323	8	107		*																		
5040		5323	8	108		*																		
5040		5323	8	109		*																		
5040		5323	8	110		*																		
5041		5328	5	603		*																		
5041		5328	5	606		*																		
5041		5328	5	607		*																		
5041		5328	5	608		*																		
5041		5328	5	609		*																		
5041		5328	5	610		*																		
5041		5328	5	611		*																		
5041		5328	6	101		*																		
5041		5328	5	604	CP	CP2	-	53.75	.27	.97		1.09		4.85	17.17	20.69	.16	.08			.55		.00	99.57
5041		5328	5	605	CP	CP2	-	53.89	.30	1.35		1.22		5.07	17.83	19.51	.13	.10			.52		.01	99.92
5042		5328	6	102		*																		
5042		5328	6	103		*																		
5042		5328	6	104		*																		
5042		5328	6	105		*																		
5042		5328	6	106		*																		

Sample Name	Fraction	Mount	Cel	Grn	ðð Classifications ðððððð SA	CFM	DI	SiO2	TiO2	Al2O3	V2O3	Cr2O3	Fe2O3	FeO	MgO	CaO	MnO	NiO	ZnO	Nb2O5	Na2O	Max Trace Na2O	K2O	Total
5042		5328	6	107		*																		
5043		5323	6	406		*																		
5043		5323	6	407		*																		
5043		5323	6	408		*																		
5043		5323	6	409		*																		
5044		5328	1	703		*																		
5044		5328	1	704		*																		
5044		5328	1	705		*																		
5044		5328	1	706		*																		
5044		5328	1	707		*																		
5044		5328	1	708		*																		
5044		5328	1	709		*																		
5045		5323	3	102		*																		
5045		5323	3	101		OLV-FORS	-	41.18	.04	.03		.02		8.93	49.62	.06	.12	.38			.02		.01	100.40
5046		5323	1	207		*																		
5046		5323	1	208		*																		
5046		5323	1	209		*																		
5080		5323	8	306		*																		
5080		5323	8	307		*																		
5080		5323	8	308		*																		
5080		5323	8	401		*																		
5080		5323	8	402		*																		
5080		5323	8	403		*																		
5081		5328	5	507		*																		
5081		5328	5	508		*																		
5081		5328	5	509		*																		
5081		5328	5	510		*																		
5081		5328	5	601		*																		
5081		5328	5	602		*																		
5082		5323	7	107		*																		
5082		5323	7	108		*																		
5082		5323	7	109		*																		
5082		5323	7	110	CE	CP1	-	55.93	.11	2.39		.15		4.19	21.24	12.19	.07	.14			.70		.04	97.13#

Sample Name	Fraction	Mount	Cel	Grn	ðð Classifications ðððððð SA	CFM	DI	SiO2	TiO2	Al2O3	V2O3	Cr2O3	Fe2O3	FeO	MgO	CaO	MnO	NiO	ZnO	Nb2O5	Na2O	Max Trace Na2O K2O Total
5083		5328	2	202		*																
5083		5328	2	203		*																
5083		5328	2	204		*																
5083		5328	2	205		*																
5083		5328	2	206		*																
5083		5328	2	207		*																
5083		5328	2	208		*																
5084		5328	1	106		*																
5084		5328	1	107		*																
5084		5328	1	108		*																
5084		5328	1	109		*																
5084		5328	1	110		*																
5084		5328	1	111		*																
5084		5328	1	112		*																
5084		5328	1	201		*																
5084		5328	1	202		*																
5084		5328	1	203		*																
5084		5328	1	204		*																
5084		5328	1	205		*																
5084		5328	1	206		*																
5085		5323	2	405		*																
5085		5323	2	406		*																
5085		5323	2	407		*																
5085		5323	2	408		*																
5085		5323	2	501		*																
5085		5323	2	502		*																
5085		5323	2	503		*																
5086		5328	5	208		*																
5086		5328	5	209		*																
5086		5328	5	301		*																
5086		5328	5	302		*																
5086		5328	5	303		*																
5086		5328	5	304		*																
5086		5328	5	305		*																
5086		5328	5	306		*																
5086		5328	5	307		*																

Sample Name	Fraction	Mount	Cel	Grn	ðð Classifications ðð SA	CFM	DI	SiO2	TiO2	Al2O3	V2O3	Cr2O3	Fe2O3	FeO	MgO	CaO	MnO	NiO	ZnO	Nb2O5	Na2O	Max Trace Na2O	K2O	Total
5087		5323	2	703		*																		
5087		5323	2	704		*																		
5087		5323	2	705		*																		
5087		5323	2	706		*																		
5087		5323	2	708		*																		
5087		5323	2	709		*																		
5087		5323	2	707	CP	CP5	-	54.92	.05	1.15		.59		2.81	16.03	24.12	.10	.02			.71		.00	100.50
5088		5328	2	410		*																		
5088		5328	2	501		*																		
5088		5328	2	502		*																		
5088		5328	2	503		*																		
5088		5328	2	504		*																		
5089		5328	4	305		*																		
5089		5328	4	306		*																		
5089		5328	4	307		*																		
5089		5328	4	308		*																		
5089		5328	4	309		*																		
5089		5328	4	310		*																		
5089		5328	4	401		*																		
5089		5328	4	402		*																		
5089		5328	4	403		*																		
5089		5328	4	404		*																		
5089		5328	4	405		*																		
5090		5323	3	103		*																		
5090		5323	3	104		*																		
5090		5323	3	105		*																		
5090		5323	3	106		*																		
5091		5323	4	708		*																		
5091		5323	4	709		*																		
5091		5323	4	710		*																		
5091		5323	4	711		*																		
5091		5323	4	712		*																		
5091		5323	5	101		*																		
5091		5323	5	102		*																		
5091		5323	5	103		*																		

Sample Name	Fraction	Mount	Cel	Grn	SA	CFM	DI	SiO2	TiO2	Al2O3	V2O3	Cr2O3	Fe2O3	FeO	MgO	CaO	MnO	NiO	ZnO	Nb2O5	Na2O	Max Trace Na2O	K2O	Total
5091		5323	5	104		*																		
5091		5323	5	105		*																		
5091		5323	5	106		*																		
5091		5323	5	107		*																		
5091		5323	5	108		*																		
5091		5323	5	109		*																		
5091		5323	5	110		*																		
5091		5323	5	111		*																		
5091		5323	5	201		*																		
5092		5328	2	101		*																		
5092		5328	2	102		*																		
5092		5328	2	104		*																		
5092		5328	2	106		*																		
5092		5328	2	107		*																		
5092		5328	2	108		*																		
5092		5328	2	109		*																		
5092		5328	2	110		*																		
5092		5328	2	201		*																		
5092		5328	2	105	CE	CP4	-	52.09	.68	2.26		.13		7.38	16.12	19.97	.19	.05			.54		.01	99.40
5092		5328	2	103	CP	CP5	-	54.21	.35	.51		.77		3.16	17.01	23.39	.07	.04			.42		.01	99.94
5093		5328	2	404		*																		
5093		5328	2	405		*																		
5093		5328	2	406		*																		
5093		5328	2	407		*																		
5093		5328	2	408		*																		
5093		5328	2	409		*																		
5094		5323	2	203		*																		
5094		5323	2	204		*																		
5094		5323	2	205		*																		
5094		5323	2	206		*																		
5094		5323	2	301		*																		
5094		5323	2	302		*																		
5094		5323	2	303		*																		
5094		5323	2	304		*																		
5094		5323	2	305		*																		
5094		5323	2	306		*																		
5094		5323	2	307		*																		

Sample Name	Fraction	Mount	Cel	Grn	ðð Classifications ðððð SA	CFM	DI	SiO2	TiO2	Al2O3	V2O3	Cr2O3	Fe2O3	FeO	MgO	CaO	MnO	NiO	ZnO	Nb2O5	Na2O	Max Trace Na2O	K2O	Total
5094		5323	2	308		*																		
5094		5323	2	309		*																		
5094		5323	2	310		*																		
5094		5323	2	401		*																		
5094		5323	2	402		*																		
5094		5323	2	403		*																		
5094		5323	2	404		*																		
5095		5323	1	301		*																		
5095		5323	1	302		*																		
5095		5323	1	303		*																		
5095		5323	1	304		*																		
5095		5323	1	305		*																		
5095		5323	1	306		*																		
5095		5323	1	307		*																		
5095		5323	1	308		*																		
5095		5323	1	309		*																		
5096		5323	3	206		*																		
5096		5323	3	207		*																		
5096		5323	3	301		*																		
5096		5323	3	302		*																		
5096		5323	3	303		*																		
5097		5323	7	601		*																		
5097		5323	7	602		*																		
5097		5323	7	603		*																		
5097		5323	7	604		*																		
5097		5323	7	605		*																		
5097		5323	7	606		*																		
5097		5323	7	607		*																		
5097		5323	7	608		*																		
5098		5328	3	408		*																		
5098		5328	3	409		*																		
5098		5328	3	501		*																		
5098		5328	3	502		*																		
5098		5328	3	503		*																		
5098		5328	3	504		*																		
5098		5328	3	505		*																		

Sample Name	Fraction	Mount	Cel	Grn	ðð Classifications ðððð SA	CFM	DI	SiO2	TiO2	Al2O3	V2O3	Cr2O3	Fe2O3	FeO	MgO	CaO	MnO	NiO	ZnO	Nb2O5	Na2O	Max Trace Na2O	K2O	Total
5098		5328	3	506		*																		
5098		5328	3	507		*																		
5099		5323	6	501		*																		
5099		5323	6	502		*																		
5099		5323	6	503		*																		
5099		5323	6	504		*																		
5099		5323	6	506		*																		
5099		5323	6	601		*																		
5099		5323	6	602		*																		
5099		5323	6	603		*																		
5099		5323	6	604		*																		
5099		5323	6	605		*																		
5099		5323	6	606		*																		
5099		5323	6	607		*																		
5099		5323	6	608		*																		
5099		5323	6	701		*																		
5099		5323	6	702		*																		
5099		5323	6	703		*																		
5099		5323	6	704		*																		
5099		5323	6	705		*																		
5099		5323	6	508	CP	CP2	-	54.71	.32	.74		.82	3.46		16.90	22.96	.08	.02			.46		.00	100.47
5099		5323	6	507	CP	CP6	-	54.74	.02	1.56		.93	3.95		15.64	22.19	.14	.02			.86		.05	100.10
5099		5323	6	505	CV	CP2	-	51.39	.17	4.56		.89	5.49		15.50	21.49	.11	.00			.27		.00	99.86
5100		5323	7	501		*																		
5100		5323	7	502		*																		
5100		5323	7	503		*																		
5100		5323	7	504		*																		
5100		5323	7	505		*																		
5100		5323	7	506		*																		
5100		5323	7	507		*																		
5100		5323	7	508		*																		
5101		5323	8	111		*																		
5101		5323	8	201		*																		
5101		5323	8	203		*																		
5101		5323	8	204		*																		
5101		5323	8	205		*																		
5101		5323	8	206		*																		

Customer: GB73 ELECTRON MICROPROBE ANALYSIS FROM C.F. MINERAL RESEARCH LTD. 16-Jan-2007 9:43 am

Probe Batch: Jan (07) Batch File: 06-3502 File: prb3502.prn

Comment:

Sample Name	Fraction	Mount	Cel	Grn	ðð Classifications ðð SA	CFM	DI	SiO2	TiO2	Al2O3	V2O3	Cr2O3	Fe2O3	FeO	MgO	CaO	MnO	NiO	ZnO	Nb2O5	Na2O	Max Trace Na2O	K2O	Total
5101		5323	8	207		*																		
5101		5323	8	208		*																		
5101		5323	8	209		*																		
5101		5323	8	210		*																		
5101		5323	8	301		*																		
5101		5323	8	302		*																		
5101		5323	8	303		*																		
5101		5323	8	304		*																		
5101		5323	8	305		*																		
5101		5323	8	202	CE	CP2	-	54.00	.04	1.20		.19		5.04	14.60	23.45	.19	.08			.79		.01	99.59
5102		5328	5	410		*																		
5102		5328	5	501		*																		
5102		5328	5	502		*																		
5102		5328	5	503		*																		
5102		5328	5	504		*																		
5102		5328	5	505		*																		
5102		5328	5	506		*																		
5102		5328	5	409	CE	CP2	-	53.93	.06	1.13		.21		5.40	14.59	23.70	.19	.05			.81		.00	100.06
5102		5328	5	408	E	G 5	G2	39.17	.00	23.10		.10		25.37	10.63	1.97	.49	.04				.004	.00	100.86
5103		5323	4	206		*																		
5103		5323	4	207		*																		
5103		5323	4	208		*																		
5103		5323	4	210		*																		
5103		5323	4	301		*																		
5103		5323	4	302		*																		
5103		5323	4	303		*																		
5103		5323	4	304		*																		
5103		5323	4	305		*																		
5103		5323	4	306		*																		
5103		5323	4	307		*																		
5103		5323	4	308		*																		
5103		5323	4	309		*																		
5103		5323	4	310		*																		
5103		5323	4	401		*																		
5103		5323	4	402		*																		
5103		5323	4	403		*																		
5103		5323	4	404		*																		
5103		5323	4	209	CE	CP4	-	52.54	.70	1.93		.06		7.34	15.82	20.63	.17	.08			.61		.00	99.87

Customer: GB73 ELECTRON MICROPROBE ANALYSIS FROM C.F. MINERAL RESEARCH LTD. 16-Jan-2007 9:43 am

Probe Batch: Jan (07) Batch File: 06-3502 File: prb3502.prn

Comment:

Sample Name	Fraction	Mount	Cel	Grn	ðð Classifications ðð SA	CFM	DI	SiO2	TiO2	Al2O3	V2O3	Cr2O3	Fe2O3	FeO	MgO	CaO	MnO	NiO	ZnO	Nb2O5	Na2O	Max Trace Na2O	K2O	Total
5104		5323	5	308		*																		
5104		5323	5	401		*																		
5104		5323	5	403		*																		
5104		5323	5	404		*																		
5104		5323	5	405		*																		
5104		5323	5	406		*																		
5104		5323	5	501		*																		
5104		5323	5	502		*																		
5104		5323	5	503		*																		
5104		5323	5	407		OLV	-	40.63	.00	.00		.00		10.71	48.29	.03	.19	.40			.00		.00	100.25
5104		5323	5	408		OLV	-	40.53	.03	.00		.02		11.51	47.71	.02	.23	.39			.00		.00	100.43
5104		5323	5	402	CE	CP4	-	53.04	.50	1.48		.07		7.09	16.10	20.61	.17	.09			.50		.01	99.64
5108		5328	2	505		*																		
5108		5328	2	506		*																		
5108		5328	2	507		*																		
5108		5328	2	508		*																		
5108		5328	2	510		*																		
5108		5328	2	511		*																		
5108		5328	2	601		*																		
5108		5328	2	602		*																		
5108		5328	2	603		*																		
5108		5328	2	604		*																		
5108		5328	2	606		*																		
5108		5328	2	607		*																		
5108		5328	2	608		*																		
5108		5328	2	609		*																		
5108		5328	2	610		*																		
5108		5328	2	605		OLV-FORS	-	40.89	.01	.03		.00		8.51	50.42	.00	.16	.45			.00		.00	100.45
5108		5328	2	509	CP	CP5	-	54.43	.26	.48		.57		2.88	17.27	23.27	.07	.05			.42		.00	99.70
5109		5323	5	504		*																		
5109		5323	5	505		*																		
5109		5323	5	506		*																		
5109		5323	5	507		*																		
5109		5323	5	601		*																		
5109		5323	5	602		*																		
5109		5323	5	603		*																		

Sample Name	Fraction	Mount	Cel	Grn	SA	CFM	DI	SiO2	TiO2	Al2O3	V2O3	Cr2O3	Fe2O3	FeO	MgO	CaO	MnO	NiO	ZnO	Nb2O5	Na2O	Max Trace Na2O	K2O	Total
5109		5323	5	605		*																		
5109		5323	5	606		*																		
5110		5323	7	401		*																		
5110		5323	7	402		*																		
5110		5323	7	403		*																		
5110		5323	7	404		*																		
5110		5323	7	405		*																		
5110		5323	7	406		*																		
5110		5323	7	407		*																		
5110		5323	7	408		*																		
5110		5323	7	409		*																		
5110		5323	7	410		*																		
5112		5323	9	702		*																		
5112		5323	9	703		*																		
5112		5323	9	704		*																		
5112		5323	9	705		*																		
5112		5323	9	707		*																		
5112		5323	9	708		*																		
5112		5323	9	709		*																		
5112		5328	1	101		*																		
5112		5328	1	102		*																		
5112		5328	1	103		*																		
5112		5328	1	104		*																		
5112		5328	1	105		*																		
5112		5323	9	706	CE	CP2	-	54.41	.26	.64		.39		3.48	16.97	23.02	.07	.07			.40		.01	99.71
5113		5323	3	107		*																		
5113		5323	3	109		*																		
5113		5323	3	201		*																		
5113		5323	3	202		*																		
5113		5323	3	203		*																		
5113		5323	3	204		*																		
5113		5323	3	205		*																		
5113		5323	3	108	CE	CP2	-	54.92	.08	.41		.19		4.04	15.74	23.58	.11	.05			.79		.00	99.92
5114		5328	3	108		*																		
5114		5328	3	109		*																		
5114		5328	3	201		*																		

Sample Name	Fraction	Mount	Cel	Grn	ðð Classifications ðððð SA	CFM	DI	SiO2	TiO2	Al2O3	V2O3	Cr2O3	Fe2O3	FeO	MgO	CaO	MnO	NiO	ZnO	Nb2O5	Na2O	Max Trace Na2O	K2O	Total
5114		5328	3	202		*																		
5114		5328	3	203		*																		
5114		5328	3	204		*																		
5114		5328	3	205		*																		
5114		5328	3	206		*																		
5114		5328	3	207		*																		
5114		5328	3	208		*																		
5114		5328	3	209		*																		
5114		5328	3	210		*																		
5115		5323	9	307		*																		
5115		5323	9	308		*																		
5115		5323	9	309		*																		
5115		5323	9	402		*																		
5115		5323	9	403		*																		
5115		5323	9	404		*																		
5115		5323	9	405		*																		
5115		5323	9	406		*																		
5115		5323	9	407		*																		
5115		5323	9	408		*																		
5115		5323	9	409		*																		
5115		5323	9	501		*																		
5115		5323	9	502		*																		
5115		5323	9	401	CE	CP4	-	52.97	.56	1.09		.32		4.86	15.94	23.31	.11	.06			.39		.00	99.59
5116		5323	7	212		*																		
5116		5323	7	213		*																		
5116		5323	7	214		*																		
5116		5323	7	301		*																		
5116		5323	7	302		*																		
5116		5323	7	303		*																		
5116		5323	7	304		*																		
5116		5323	7	305		*																		
5116		5323	7	306		*																		
5116		5323	7	307		*																		
5116		5323	7	308		*																		
5116		5323	7	309		*																		
5117		5328	3	508		*																		
5117		5328	3	509		*																		

Sample Name	Fraction	Mount	Cel	Grn	ðð Classifications ðð SA	CFM	DI	SiO2	TiO2	Al2O3	V2O3	Cr2O3	Fe2O3	FeO	MgO	CaO	MnO	NiO	ZnO	Nb2O5	Na2O	Max Trace Na2O	K2O	Total
5117		5328	3	601		*																		
5117		5328	3	602		*																		
5117		5328	3	603		*																		
5117		5328	3	604		*																		
5117		5328	3	605		*																		
5117		5328	3	606		*																		
5117		5328	3	607		*																		
5117		5328	3	608		*																		
5117		5328	3	609		*																		
5117		5328	4	101		*																		
5117		5328	4	102		*																		
5117		5328	4	103		*																		
5117		5328	4	104		*																		
5117		5328	4	105		*																		
5117		5328	4	106		*																		
5118		5328	1	302		*																		
5118		5328	1	303		*																		
5118		5328	1	304		*																		
5118		5328	1	307		*																		
5118		5328	1	308		*																		
5118		5328	1	309		*																		
5118		5328	1	310		*																		
5118		5328	1	401		*																		
5118		5328	1	402		*																		
5118		5328	1	403		*																		
5118		5328	1	306	CE	CP5	DIO	54.86	.17	.37		.21		2.62	18.17	22.92	.05	.04			.31		.00	99.71
5118		5328	1	305	CP	CP6	-	53.92	.12	2.01		.66		3.69	16.00	22.14	.13	.06			.84		.05	99.62
5119		5328	1	207		*																		
5119		5328	1	208		*																		
5119		5328	1	209		*																		
5119		5328	1	210		*																		
5119		5328	1	211		*																		
5119		5328	1	212		*																		
5119		5328	1	301		*																		
5120		5328	4	707		*																		
5120		5328	4	708		*																		
5120		5328	4	709		*																		

Sample Name	Fraction	Mount	Cel	Grn	ðõõ Classifications ðõõõõõõ SA	CFM	DI	SiO2	TiO2	Al2O3	V2O3	Cr2O3	Fe2O3	FeO	MgO	CaO	MnO	NiO	ZnO	Nb2O5	Na2O	Max Trace Na2O	K2O	Total
5120		5328	5	101		*																		
5120		5328	5	102		*																		
5120		5328	5	103		*																		
5121		5323	4	405		*																		
5121		5323	4	406		*																		
5121		5323	4	407		*																		
5121		5323	4	408		*																		
5121		5323	4	409		*																		
5122		5323	1	401		*																		
5122		5323	1	402		*																		
5122		5323	1	403		*																		
5122		5323	1	404		*																		
5122		5323	1	405		*																		
5122		5323	1	406		*																		
5122		5323	1	407		*																		
5122		5323	1	408		*																		
5122		5323	1	409		*																		
5122		5323	1	501		*																		
5122		5323	1	502		*																		
5122		5323	1	503		*																		
5122		5323	1	504		*																		
5122		5323	1	505		*																		
5123		5323	4	604		*																		
5123		5323	4	605		*																		
5123		5323	4	606		*																		
5123		5323	4	607		*																		
5123		5323	4	608		*																		
5123		5323	4	609		*																		
5123		5323	4	610		*																		
5123		5323	4	611		*																		
5123		5323	4	701		*																		
5123		5323	4	702		*																		
5123		5323	4	703		*																		
5123		5323	4	704		*																		
5123		5323	4	705		*																		
5123		5323	4	706		*																		
5123		5323	4	707		*																		

Sample Name	Fraction	Mount	Cel	Grn	ðð Classifications ðððð SA	CFM	DI	SiO2	TiO2	Al2O3	V2O3	Cr2O3	Fe2O3	FeO	MgO	CaO	MnO	NiO	ZnO	Nb2O5	Na2O	Max Trace Na2O	K2O	Total
5124		5323	9	503		*																		
5124		5323	9	504		*																		
5124		5323	9	507		*																		
5124		5323	9	508		*																		
5124		5323	9	509		*																		
5124		5323	9	510		*																		
5124		5323	9	601		*																		
5124		5323	9	602		*																		
5124		5323	9	603		*																		
5124		5323	9	604		*																		
5124		5323	9	605		*																		
5124		5323	9	606		*																		
5124		5323	9	607		*																		
5124		5323	9	608		*																		
5124		5323	9	609		*																		
5124		5323	9	701		*																		
5124		5323	9	505	CP	CP2	-	54.67	.04	.88		.54		4.95	14.21	23.70	.20	.02			.98		.00	100.19
5124		5323	9	506	CP	CP5	-	53.72	.12	2.40		1.17		3.21	18.22	20.53	.05	.06			.43		.01	99.92
5125		5328	1	508		*																		
5125		5328	1	509		*																		
5125		5328	1	601		*																		
5125		5328	1	602		*																		
5125		5328	1	603		*																		
5125		5328	1	604		*																		
5125		5328	1	605		*																		
5125		5328	1	606		*																		
5125		5328	1	607		*																		
5125		5328	1	608		*																		
5125		5328	1	609		*																		
5125		5328	1	701		*																		
5125		5328	1	702		*																		
5125		5328	1	510	CE	CP5	-	54.96	.20	.42		.44		2.89	17.67	22.88	.06	.04			.39		.01	99.94
5126		5328	2	209		*																		
5126		5328	2	301		*																		
5126		5328	2	304		*																		
5126		5328	2	305		*																		
5126		5328	2	306		*																		

Customer: GB73 ELECTRON MICROPROBE ANALYSIS FROM C.F. MINERAL RESEARCH LTD. 16-Jan-2007 9:43 am

Probe Batch: Jan (07) Batch File: 06-3502 File: prb3502.prn

Comment:

Sample Name	Fraction	Mount	Cel	Grn	ðõõ Classifications ðõõõõõõ SA	CFM	DI	SiO2	TiO2	Al2O3	V2O3	Cr2O3	Fe2O3	FeO	MgO	CaO	MnO	NiO	ZnO	Nb2O5	Na2O	Max Trace Na2O	K2O	Total
5126		5328	2	307		*																		
5126		5328	2	308		*																		
5126		5328	2	309		*																		
5126		5328	2	310		*																		
5126		5328	2	311		*																		
5126		5328	2	401		*																		
5126		5328	2	402		*																		
5126		5328	2	403		*																		
5126		5328	2	303	CE	CP2	-	54.17	.33	.81		.31		4.00	16.62	23.09	.08	.01			.44		.00	99.86
5126		5328	2	302	CP	CP6	-	54.03	.03	1.20		.75		4.02	15.22	23.31	.14	.01			.79		.02	99.53
5127		5323	2	602		*																		
5127		5323	2	603		*																		
5127		5323	2	605		*																		
5127		5323	2	606		*																		
5127		5323	2	607		*																		
5127		5323	2	608		*																		
5127		5323	2	701		*																		
5127		5323	2	702		*																		
5127		5323	2	604	CP	CP2	-	53.94	.30	1.11		.84		5.46	16.98	20.42	.12	.08			.52		.00	99.77
5128		5323	6	706		*																		
5128		5323	6	707		*																		
5128		5323	6	708		*																		
5128		5323	6	801		*																		
5128		5323	6	802		*																		
5128		5323	6	804		*																		
5128		5323	6	805		*																		
5128		5323	6	806		*																		
5128		5323	6	807		*																		
5128		5323	6	808		*																		
5128		5323	7	101		*																		
5128		5323	6	803		OLV	-	40.66	.02	.03		.01		10.97	48.08	.00	.14	.26			.00		.00	100.17
5129		5328	5	309		*																		
5129		5328	5	310		*																		
5129		5328	5	401		*																		
5129		5328	5	402		*																		
5129		5328	5	403		*																		
5129		5328	5	404		*																		

Customer: GB73 ELECTRON MICROPROBE ANALYSIS FROM C.F. MINERAL RESEARCH LTD. 16-Jan-2007 9:43 am

Probe Batch: Jan (07) Batch File: 06-3502 File: prb3502.prn

Comment:

Sample Name	Fraction	Mount	Cel	Grn	ðð Classifications ðð SA	CFM	DI	SiO2	TiO2	Al2O3	V2O3	Cr2O3	Fe2O3	FeO	MgO	CaO	MnO	NiO	ZnO	Nb2O5	Na2O	Max Trace Na2O	K2O	Total
5129		5328	5	405		*																		
5129		5328	5	308	E	G 3	G1/LPM	38.90	.49	22.59		.02		22.06	9.62	6.22	.74	.00				.016	.00	100.64
5130		5328	4	205		*																		
5130		5328	4	206		*																		
5130		5328	4	207		*																		
5130		5328	4	208		*																		
5130		5328	4	209		*																		
5130		5328	4	210		*																		
5130		5328	4	211		*																		
5130		5328	4	301		*																		
5130		5328	4	303		*																		
5130		5328	4	304		*																		
5130		5328	4	302		OLV-FORS	-	41.18	.00	.00		.00		8.36	50.37	.00	.10	.46			.00		.01	100.48
5131		5323	1	506		*																		
5131		5323	1	507		*																		
5131		5323	1	508		*																		
5131		5323	1	509		*																		
5131		5323	1	601		*																		
5131		5323	1	602		*																		
5131		5323	1	603		*																		
5131		5323	1	604		*																		
5131		5323	1	605		*																		
5131		5323	1	606		*																		
5131		5323	1	607		*																		
5131		5323	1	609		*																		
5131		5323	1	610		*																		
5131		5323	2	101		*																		
5131		5323	2	102		*																		
5131		5323	2	104		*																		
5131		5323	2	105		*																		
5131		5323	2	106		*																		
5131		5323	2	107		*																		
5131		5323	2	108		*																		
5131		5323	2	201		*																		
5131		5323	2	202		PIL			49.82	.05		2.68	7.32	31.25	8.05	.02	.50		.00	.19				99.87
5131		5323	2	103	CE	CP4	-	51.68	.93	2.68		.19		6.90	14.02	21.61	.15	.02			1.17		.01	99.36
5131		5323	1	608	CP	CP5	-	54.43	.36	.55		.56		3.32	17.07	23.77	.07	.08			.32		.00	100.53

Sample Name	Fraction	Mount	Cel	Grn	ðð Classifications ðððððð SA	CFM	DI	SiO2	TiO2	A12O3	V2O3	Cr2O3	Fe2O3	FeO	MgO	CaO	MnO	NiO	ZnO	Nb2O5	Na2O	Max Trace Na2O	K2O	Total
5132		5328	1	404		*																		
5132		5328	1	405		*																		
5132		5328	1	406		*																		
5132		5328	1	407		*																		
5132		5328	1	408		*																		
5132		5328	1	409		*																		
5132		5328	1	410		*																		
5132		5328	1	501		*																		
5132		5328	1	502		*																		
5132		5328	1	503		*																		
5132		5328	1	504		*																		
5132		5328	1	505		*																		
5132		5328	1	506		*																		
5132		5328	1	507		*																		
5133		5323	6	209		*																		
5133		5323	6	301		*																		
5133		5323	6	302		*																		
5133		5323	6	305		*																		
5133		5323	6	306		*																		
5133		5323	6	307		*																		
5133		5323	6	308		*																		
5133		5323	6	309		*																		
5133		5323	6	401		*																		
5133		5323	6	402		*																		
5133		5323	6	403		*																		
5133		5323	6	404		*																		
5133		5323	6	405		*																		
5133		5323	6	304	CP	CP1		54.02	.29	3.68		.54		5.90	18.76	13.19	.19	.15			.61		.25	97.58#
5133		5323	6	303	CP	CP5	-	54.93	.02	.86		.53		2.64	16.04	24.99	.13	.07			.53		.00	100.74
5152		5323	3	706		*																		
5152		5323	3	707		*																		
5152		5323	4	101		*																		
5152		5323	4	102		*																		
5152		5323	4	103		*																		
5152		5323	4	104		*																		
5152		5323	4	105		*																		
5152		5323	4	106		*																		
5152		5323	4	107		*																		

Sample Name	Fraction	Mount	Cel	Grn	ðð Classifications ðððððð SA	CFM	DI	SiO2	TiO2	Al2O3	V2O3	Cr2O3	Fe2O3	FeO	MgO	CaO	MnO	NiO	ZnO	Nb2O5	Na2O	Max Trace Na2O	K2O Total
5152		5323	4	108		*																	
5152		5323	4	109		*																	
5153		5328	4	406		*																	
5153		5328	4	407		*																	
5153		5328	4	408		*																	
5153		5328	4	409		*																	
5153		5328	4	410		*																	
5153		5328	4	501		*																	
5153		5328	4	502		*																	
5153		5328	4	503		*																	
5153		5328	4	504		*																	
5153		5328	4	505		*																	
5153		5328	4	506		*																	
5153		5328	4	507		*																	
5153		5328	4	508		*																	
5153		5328	4	509		*																	
5153		5328	4	510		*																	
5153		5328	4	601		*																	
5153		5328	4	602		*																	
5153		5328	4	603		*																	
5153		5328	4	604		*																	
5153		5328	4	605		*																	
5153		5328	4	606		*																	
5154		5328	3	301		*																	
5154		5328	3	302		*																	
5154		5328	3	303		*																	
5154		5328	3	304		*																	
5154		5328	3	305		*																	
5154		5328	3	306		*																	
5154		5328	3	307		*																	
5154		5328	3	308		*																	
5154		5328	3	401		*																	
5154		5328	3	402		*																	
5154		5328	3	403		*																	
5154		5328	3	404		*																	
5154		5328	3	405		*																	
5154		5328	3	406		*																	
5154		5328	3	407		*																	

Sample Name	Fraction	Mount	Cel	Grn	ðð Classifications ðð SA	CFM	DI	SiO2	TiO2	Al2O3	V2O3	Cr2O3	Fe2O3	FeO	MgO	CaO	MnO	NiO	ZnO	Nb2O5	Na2O	Max Trace Na2O	K2O	Total
5155		5328	4	107		*																		
5155		5328	4	108		*																		
5155		5328	4	109		*																		
5155		5328	4	110		*																		
5155		5328	4	111		*																		
5155		5328	4	112		*																		
5155		5328	4	113		*																		
5155		5328	4	201		*																		
5155		5328	4	202		*																		
5155		5328	4	203		*																		
5155		5328	4	204		*																		
5156		5328	5	104		*																		
5156		5328	5	105		*																		
5156		5328	5	106		*																		
5156		5328	5	107		*																		
5156		5328	5	108		*																		
5156		5328	5	109		*																		
5156		5328	5	110		*																		
5156		5328	5	201		*																		
5156		5328	5	202		*																		
5156		5328	5	203		*																		
5156		5328	5	204		*																		
5156		5328	5	205		*																		
5156		5328	5	206		*																		
5156		5328	5	207		*																		
5157		5323	6	107		*																		
5157		5323	6	108		*																		
5157		5323	6	201		*																		
5157		5323	6	202		*																		
5157		5323	6	203		*																		
5157		5323	6	204		*																		
5157		5323	6	205		*																		
5157		5323	6	206		*																		
5157		5323	6	207		*																		
5157		5323	6	208		*																		
5157		5323	6	109	CE*	CP1	-	56.55	.04	1.94		.27		4.10	20.63	13.11	.10	.13			.31		.14	97.32#

Sample Name	Fraction	Mount	Cel	Grn	ðð Classifications ðððððð SA	CFM	DI	SiO2	TiO2	Al2O3	V2O3	Cr2O3	Fe2O3	FeO	MgO	CaO	MnO	NiO	ZnO	Nb2O5	Na2O	Max Trace Na2O	K2O	Total
5158		5323	4	410		*																		
5158		5323	4	501		*																		
5158		5323	4	502		*																		
5158		5323	4	503		*																		
5158		5323	4	504		*																		
5158		5323	4	505		*																		
5158		5323	4	506		*																		
5158		5323	4	507		*																		
5158		5323	4	508		*																		
5158		5323	4	509		*																		
5158		5323	4	510		*																		
5158		5323	4	511		*																		
5158		5323	4	601		*																		
5158		5323	4	602		*																		
5158		5323	4	603		*																		
5159		5323	5	202		*																		
5159		5323	5	203		*																		
5159		5323	5	204		*																		
5159		5323	5	206		*																		
5159		5323	5	207		*																		
5159		5323	5	208		*																		
5159		5323	5	301		*																		
5159		5323	5	302		*																		
5159		5323	5	303		*																		
5159		5323	5	304		*																		
5159		5323	5	305		*																		
5159		5323	5	306		*																		
5159		5323	5	307		*																		
5159		5323	5	205	CE	CP1	-	57.14	.02	1.01		.32		4.03	21.76	12.19	.18	.19			.40		.06	97.29#
5160		5323	3	406		*																		
5160		5323	3	407		*																		
5160		5323	3	502		*																		
5160		5323	3	503		*																		
5160		5323	3	504		*																		
5160		5323	3	505		*																		
5160		5323	3	506		*																		
5160		5323	3	507		*																		
5160		5323	3	508		*																		

Comment:

Sample Name	Fraction	Mount	Cel	Grn	ðõõ Classifications ðõõõõõõõ SA	CFM	DI	SiO2	TiO2	Al2O3	V2O3	Cr2O3	Fe2O3	FeO	MgO	CaO	MnO	NiO	ZnO	Nb2O5	Na2O	Max Trace Na2O	K2O	Total
5160		5323	3	601		*																		
5160		5323	3	602		*																		
5160		5323	3	603		*																		
5160		5323	3	604		*																		
5160		5323	3	605		*																		
5160		5323	3	606		*																		
5160		5323	3	607		*																		
5160		5323	3	608		*																		
5160		5323	3	701		*																		
5160		5323	3	702		*																		
5160		5323	3	703		*																		
5160		5323	3	704		*																		
5160		5323	3	705		*																		
5160		5323	3	501	CE	CP1	-	57.44	.04	.79		.14		4.16	21.86	12.38	.12	.16			.28		.04	97.40#

- Total was outside the range of 98.50-101.00, therefore total confirmed by re-analysis.
* - Grain mounted, SEM scanned but not worthy od analysis

C.F. MINERAL RESEARCH LIMITED

TEL 250) 860-8525
FAX 250) 862-9435

1677 POWICK ROAD
KELOWNA, BRITISH COLUMBIA
CANADA V1X 4L1

Client: True North Mineral Laboratories
475 Railway Street
Timmons, Ont. P4N 2P3

CERTIFICATE PW06GB16005993

This certificate refers to a report of **58** full electron microprobe analyses (and associated work) carried out within C.F. Mineral Research batches **06-3323(61)**. The report was completed on the **11 September 2006**.

All results apply to samples/fractions/grains as submitted and are considered to be the confidential property of the Client and supersede any preliminary report with this certificate number.

The certificate gives **Peter Caldbick** full access to all cited results.

Signed by: Dr. M.E. Whitehead

Date: 13 February 2007

Access to cited results, for the above Batch Number(s), relating directly to the Client: Golden Chalice Resources or Chalice Diamond Corporation is hereby transferred to Peter Caldbick.

Signed by: Kevin Cool (Client Representative)

Date: 25 June 2007

C.F. MINERAL RESEARCH LIMITED

1677 POWICK ROAD
KELOWNA, BRITISH COLUMBIA
CANADA V1X 4L1

TEL 250) 860-8525
FAX 250) 862-9435

Client: True North Mineral Laboratories
475 Railway Street
Timmons, Ont. P4N 2P3

CERTIFICATE PW07HA14009314

This certificate refers to a report of **30** full electron microprobe analyses (and associated work) carried out within C.F. Mineral Research batches **07-3659(41)**. The report was completed on the **26 February 2007**.

All results apply to samples/fractions/grains as submitted and are considered to be the confidential property of the Client and supersede any preliminary report with this certificate number.

The certificate gives **Kevin Cool** (the Client representative) full access to all cited results.

Signed by: [signature] Dr. M.E. Whitehead

Date: 28 February 2007

Access to cited results, for the above Batch Number(s), relating directly to the Client: Golden Chalice Resources or Chalice Diamond Corporation is hereby transferred to Peter Caldbick.

Signed by: [signature] Kevin Cool (Client Representative)

Date: 25 June 2007

V3587	5124	2	305	*
V3587	5124	2	306	*
V3587	5124	2	401	*
V3587	5124	2	403	*
V3587	5124	2	404	*
V3587	5124	2	405	*

Sample Name	Fraction	Mount	CelGrn	SA	Classification CFM	DI	Rock Type M C T(Zn)ø*	SiO2	TiO2	Al2O3	V2O3	Cr2O3	Fe2O3	FeO	MgO	CaO	MnO	NiO	ZnO	Nb2O5	Na2O	Max Trace Na2O	K2O	Total
V3587		5124	2 406		*																			
V3587		5124	2 501		*																			
V3587		5124	2 502		*																			
V3587		5124	2 402	E	G 5	LPM		39.29	.03	22.40		.13		24.52	10.55	3.27	.43	.00				.008	.00	100.61
V3588		5124	2 503		*																			
V3588		5124	2 505		*																			
V3588		5124	2 504		OLV	-		40.55	.00	.00		.07		12.18	47.19	.00	.28	.24			.00		.00	100.51
V3589		5124	2 506		*																			
V3589		5124	2 507		*																			
V3589		5124	2 601		*																			
V3589		5124	2 602		*																			
V3589		5124	2 603		*																			
V3589		5124	2 604		*																			
V3589		5124	2 605		*																			
V3589		5124	2 606		*																			
V3589		5124	2 607		*																			
V3590		5124	3 101		*																			
V3590		5124	3 102		*																			
V3590		5124	3 103		*																			
V3590		5124	3 104		*																			
V3590		5124	3 105		*																			
V3590		5124	3 106		*																			
V3590		5124	3 107		*																			
V3590		5124	3 108		*																			
V3590		5124	3 201		*																			
V3590		5124	3 202		*																			
V3590		5124	3 203		*																			
V3590		5124	3 204		*																			
V3590		5124	3 205		*																			
V3590		5124	3 301		*																			
V3590		5124	3 302		*																			
V3591		5124	3 303		*																			
V3591		5124	3 304		*																			
V3591		5124	3 305		*																			
V3591		5124	3 401		*																			
V3591		5124	3 402		*																			

Customer: GB16 ELECTRON MICROPROBE ANALYSIS FROM C.F. MINERAL RESEARCH LTD. 12-Sep-2006
8:47 am
Probe Batch: sep06 (p06) Batch File: 06-3323 File:
prb3323.prn
Comment:

Sample Name	Fraction	Mount	CelGrn	Classification SA	CFM	DI	Rock Type M C T(Zn)ø*	SiO2	TiO2	Al2O3	V2O3	Cr2O3	Fe2O3	FeO	MgO	CaO	MnO	NiO	ZnO	Nb2O5	Na2O	Max Trace Na2O	K2O	Total
V3591		5124	3 406		*																			
V3591		5124	3 501		*																			
V3591		5124	3 502		*																			
V3591		5124	3 503		*																			
V3591		5124	3 504		*																			
V3591		5124	3 505		*																			
V3591		5124	3 601		*																			
V3591		5124	3 602		*																			
V3591		5124	3 405	CE	CP5	-		54.97	.30	.49		.43		3.08	17.21	23.32	.09	.03			.38			
.00 100.30																								
V3591		5124	3 404	CP	CP5	-		54.75	.33	.59		.73		3.17	16.92	23.25	.07	.03			.41			
.00 100.25																								
V3591		5124	3 403	CP	CP6	-		54.60	.09	.92		.86		3.44	15.91	23.38	.13	.00			.81			
.00 100.15																								
V3592		5124	3 606		*																			
V3592		5124	4 101		*																			
V3592		5124	4 102		*																			
V3592		5124	4 103		*																			
V3592		5124	3 605		OLV	-		40.46	.00	.05		.02		11.92	47.01	.14	.15	.40			.02			
.00 100.18																								
V3592		5124	3 604		OLV-FORS	-		41.26	.04	.05		.10		8.75	49.63	.16	.09	.33			.05			
.00 100.45																								
V3592		5124	3 603		OLV-FORS	DI*		41.87	.00	.03		.00		6.61	51.63	.01	.14	.32			.02			
.00 100.63																								
V3593		5124	4 105		*																			
V3593		5124	4 106		*																			
V3593		5124	4 201		*																			
V3593		5124	4 202		*																			
V3593		5124	4 203		*																			
V3593		5124	4 204		*																			
V3593		5124	4 205		*																			
V3593		5124	4 206		*																			
V3593		5124	4 301		*																			
V3593		5124	4 302		*																			
V3593		5124	4 303		*																			
V3593		5124	4 304		*																			
V3593		5124	4 104	R	G 5			38.88	.02	22.58		.03		28.71	9.37	1.03	.64	.02			.00			
.01 101.27#																								
V3594		5124	4 401		*																			
V3594		5124	4 402		*																			
V3594		5124	4 403		*																			
V3594		5124	4 305		OLV	-		40.96	.02	.03		.07		9.86	49.02	.09	.13	.34			.01			

.00 100.53

V3594	5124	4	306	OLV	-	39.64	.04	.05	.02	15.88	43.72	.10	.19	.25		.02

.01 99.91

V3594	5124	4	307	OLV	-	40.57	.02	.06	.09	10.76	48.14	.19	.11	.29		.04

.00 100.25

Sample Name	Fraction	Mount	Cel	Grn	Classification SA	CFM	DI	Rock Type M	C	T(Zn)ø*	SiO2	TiO2	Al2O3	V2O3	Cr2O3	Fe2O3	FeO	MgO	CaO	MnO	NiO	ZnO	Nb2O5	Na2O	Max Trace Na2O	K2O	Total
V3594		5124	4	308		OLV-FORS	-				41.06	.04	.00		.08		9.49	49.15	.05	.13	.31			.00		.00	100.32
V3595		5124	4	407		*																					
V3595		5124	4	408		*																					
V3595		5124	4	501		*																					
V3595		5124	4	502		*																					
V3595		5124	4	503		*																					
V3595		5124	4	504		*																					
V3595		5124	4	505		*																					
V3595		5124	4	506		*																					
V3595		5124	4	507		*																					
V3595		5124	4	404		OLV	-				40.05	.00	.04		.08		13.42	45.36	.21	.21	.38			.00		.00	99.75
V3595		5124	4	405		OLV	-				40.79	.00	.06		.09		11.22	47.71	.17	.15	.29			.01		.00	100.50
V3595		5124	4	406		OLV	-				40.00	.02	.06		.08		12.82	45.84	.19	.18	.32			.02		.00	99.51
V3596		5124	4	601		*																					
V3596		5124	4	602		*																					
V3596		5124	4	603		*																					
V3596		5124	4	604		*																					
V3596		5124	4	605		*																					
V3596		5124	4	606		*																					
V3596		5124	4	607		*																					
V3596		5124	5	101		*																					
V3596		5124	5	102		*																					
V3596		5124	5	103		*																					
V3596		5124	5	104		*																					
V3596		5124	5	105		*																					
V3596		5124	5	106		*																					
V3596		5124	5	107		*																					
V3596		5124	5	108		*																					
V3596		5124	5	201		*																					
V3596		5124	5	202		*																					
V3596		5124	5	203		*																					
V3596		5124	5	204		*																					
V3596		5124	5	205		*																					
V3596		5124	5	206		*																					
V3596		5124	5	301		*																					
V3596		5124	5	302		*																					
V3597		5124	5	303		*																					

Customer: GB16 ELECTRON MICROPROBE ANALYSIS FROM C.F. MINERAL RESEARCH LTD. 12-Sep-2006 8:47 am

Probe Batch: sep06 (p06) Batch File: 06-3323 File: prb3323.prn

Comment:

Sample Name	Fraction	Mount	Cel	Grn	Classification SA	CFM	DI	Rock Type M	C	T(Zn)ø*	SiO2	TiO2	Al2O3	V2O3	Cr2O3	Fe2O3	FeO	MgO	CaO	MnO	NiO	ZnO	Nb2O5	Na2O	Max Trace Na20	K2O	Total
V3597		5124	5	304		*																					
V3597		5124	5	305		*																					
V3597		5124	5	307		*																					
V3597		5124	5	401		*																					
V3597		5124	5	402		*																					
V3597		5124	5	403		*																					
V3597		5124	5	306	E	G	5	G2			39.17	.05	22.36		.05		24.35	8.00	6.75	.60	.04				.020	.01	101.40#

- Total was outside the range of 98.50-101.00, therefore total confirmed by re-analysis.

* - Grain mounted, SEM scanned, but not worthy of probing.