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**32D/SW**

**Summary of  
De Beers' Till Sampling Program for  
Kimberlite Minerals on the Clay Property  
McGarry-McVittie-Ossian Townships  
Larder Lake Area, Ontario  
*For: Goldstake Explorations Inc.***

**By: Robert J. Dillman  
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### **Appendix**

- 1.) Sample Location Map + KIM Counts Northwest Sheet scale 1 : 25,000
- 2.) Sample Location Map + KIM Counts South Sheet scale 1 : 25,000
- 3.) De Beers' Till Sample Descriptions and Locations, Goldstake Claims, 5 pages
- 4.) De Beers' Concentrate Mineral Chart, 1 page
- 5.) De Beers' Microprobe Analyses and Mineral Plots, Goldstake Claims, 20 pages
- 6.) De Beers' Field Report September 2015, Goldstake Claims, 1 page
- 7.) De Beers' Update July 4 2016 by Alex Hunchak, Goldstake Claims, 12 pages

## **Summary**

In September of 2015, De Beers collected 38 till samples to evaluate the kimberlite minerals and diamond potential of Goldstake Explorations Inc.'s Clay Property located in the Larder Lake area of Ontario.

The writer and Goldstake wish to thank De Beers' personnel Chris Wallace, Alex Hunchak and Natasha Oviatt for their efforts and providing the data contained in this report.

## **Location, Property Ownership, Access**

The Clay Property is located in the Larder Lake Mining Division in northeastern Ontario (Figure 1). The property is mostly situated in the north section of McGarry Township and extends west into McVittie Township and north into Ossian Township.

The property is situated 1 kilometre north of Virginiatown located on Highway 66. The Clay Property has good seasonal road access via several routes. During dry conditions, access can be made by 4 wheel drive truck to the north section of the property via a forest access road from the Cheminis Road located 4 kilometres east of the property. The forest access road is partially washed out by a creek however the creek can be crossed with an ATV.

Access to other regions of the property is possible by ATV or snowmobile via a series of old drill roads. The property is also accessible by rail and is crossed by the Ontario Northlands Railway.

The property is covered at a scale of 1: 100,000 by Provincial Series Sheet: Larder Lake N.T.S. 32D/SW. Using NAD 83, Zone 17, the property is bounded between UTM coordinates: 600000mE to 610000mE and 5332000mN to 5348200mN.

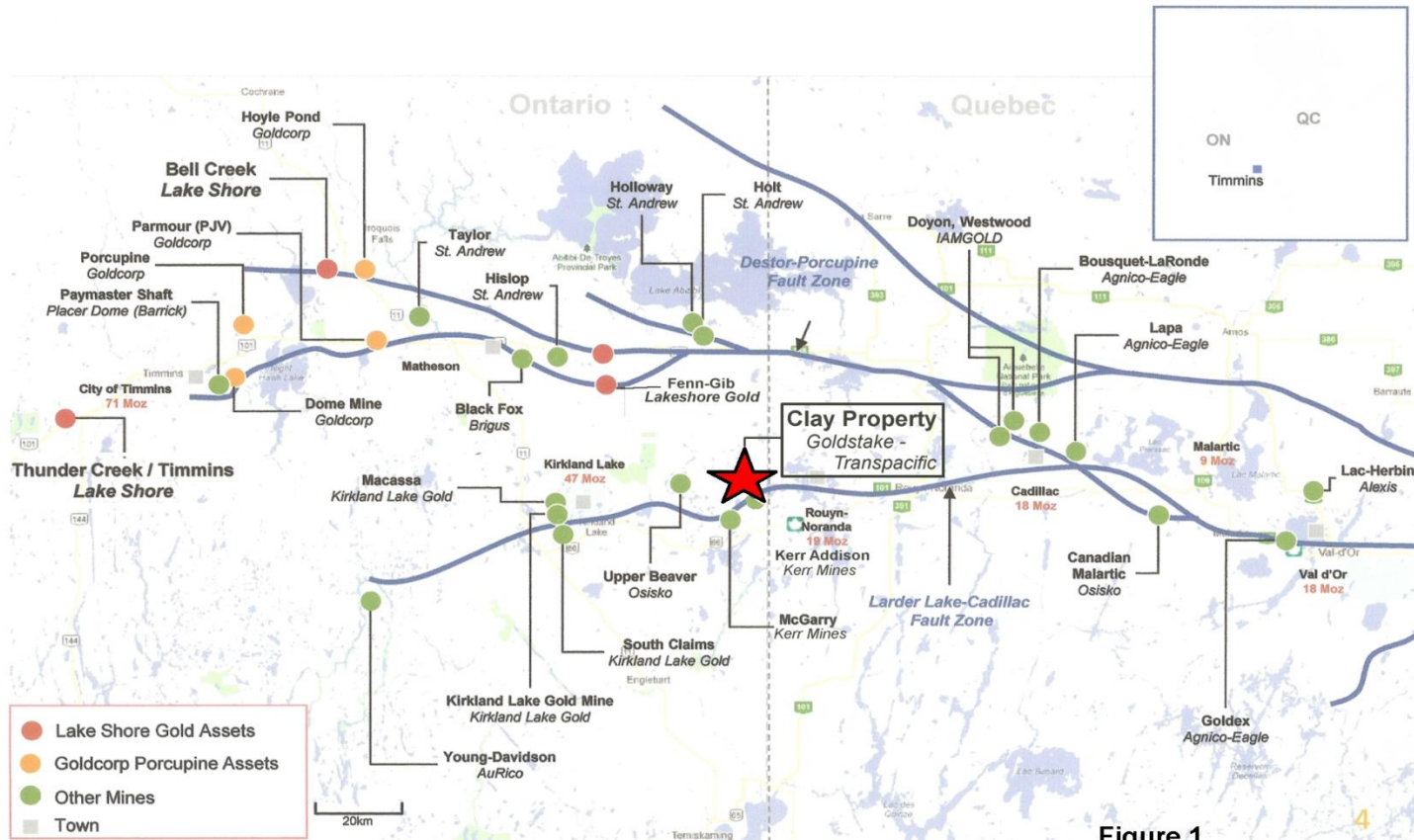


Figure 1.

**CLAY PROPERTY**  
**Goldstake Explorations Inc. -**  
**Transpacific Resources Inc.**  
 Larder Lake Area, Ontario

The Clay Property consists of Mining Lease CLM 298 and 32 contiguous unpatented mining claims covering an approximate area of 2,645 hectares (Figure 2).

Titles to 17 mining claims and title to mining lease CLM 298 are recorded in the name of Transpacific Resources Inc. The remainder of the mining claims are held by Goldstake Explorations Inc.

### **Land Status and Topography**

Figure 2 depicts the land status of the Clay Property. All the unpatented mining claims are situated on Crown Land. Mining lease CLM 298 is situated on lands with patented Surface Rights. The bulk of the surface rights are owned by the Township of McGarry.

The entire property is forested. Trees consist of: white pine, spruce, balsam, poplar, birch and alders.

There are several small lakes on the property. They include: Crosby Lake and Beaver Lake in McVittie Twp. and Glover Lake in Ossian Twp.

The property is at a mean elevation ranging between 310 to 330 metres above sea level. A near-circular nob of rock situated in the north-central section of the property towers to an elevation of 400 metres above sea level.

Drainage on the property is variable. Creeks in the north section flow north. On the west side of the property, creeks flow west into Crosby and Beaver Lakes.

The Larder Lake region has experienced at least two glacial advances. Outcrops exposed in several stripped areas on the property show striation marks representing the first advance orientated at  $212^{\circ}$ , and striation marks of  $170^{\circ}$  to  $180^{\circ}$  representing the second advance.

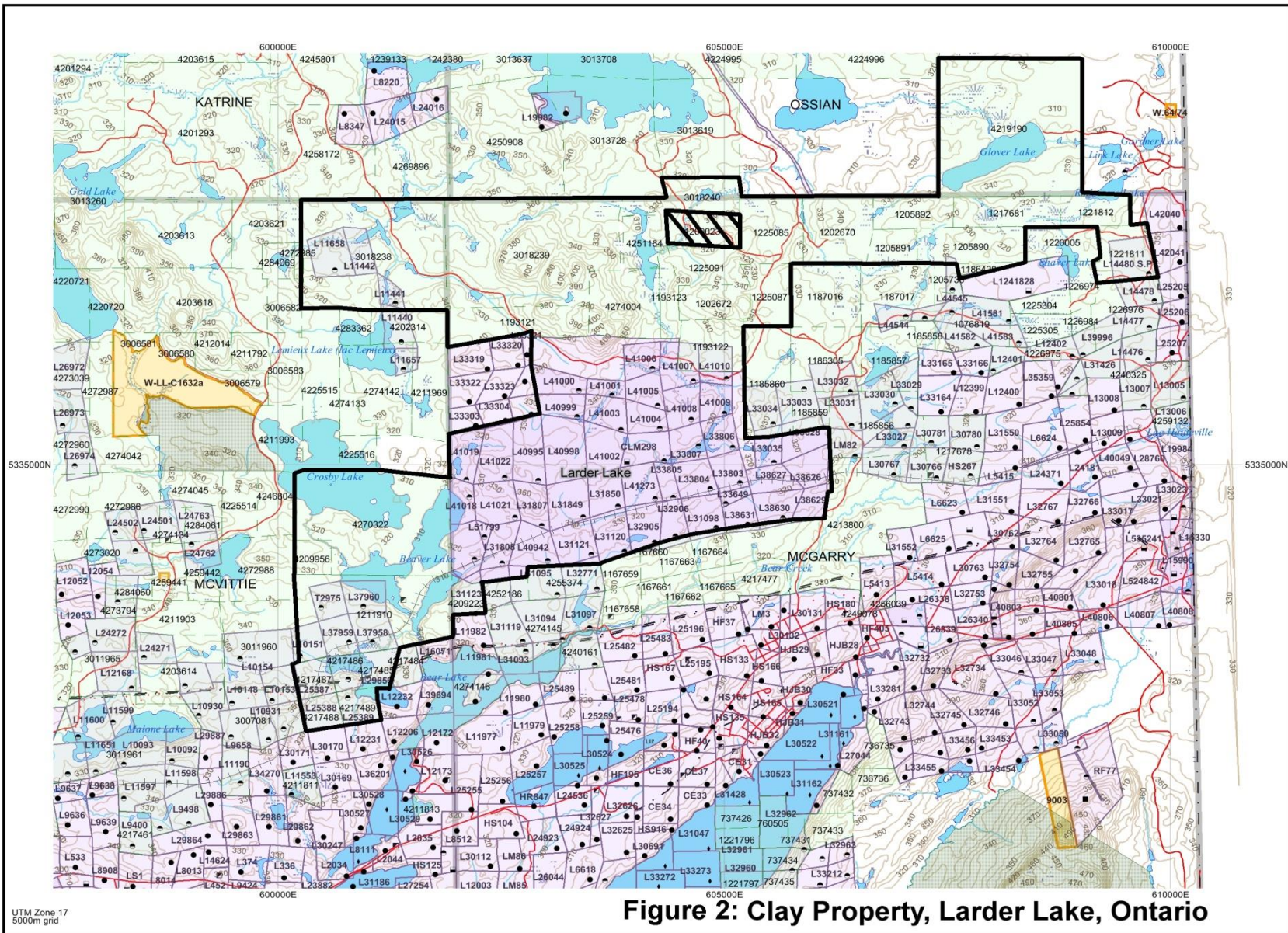


Figure 2: Clay Property, Larder Lake, Ontario

## **Regional and Local Geology**

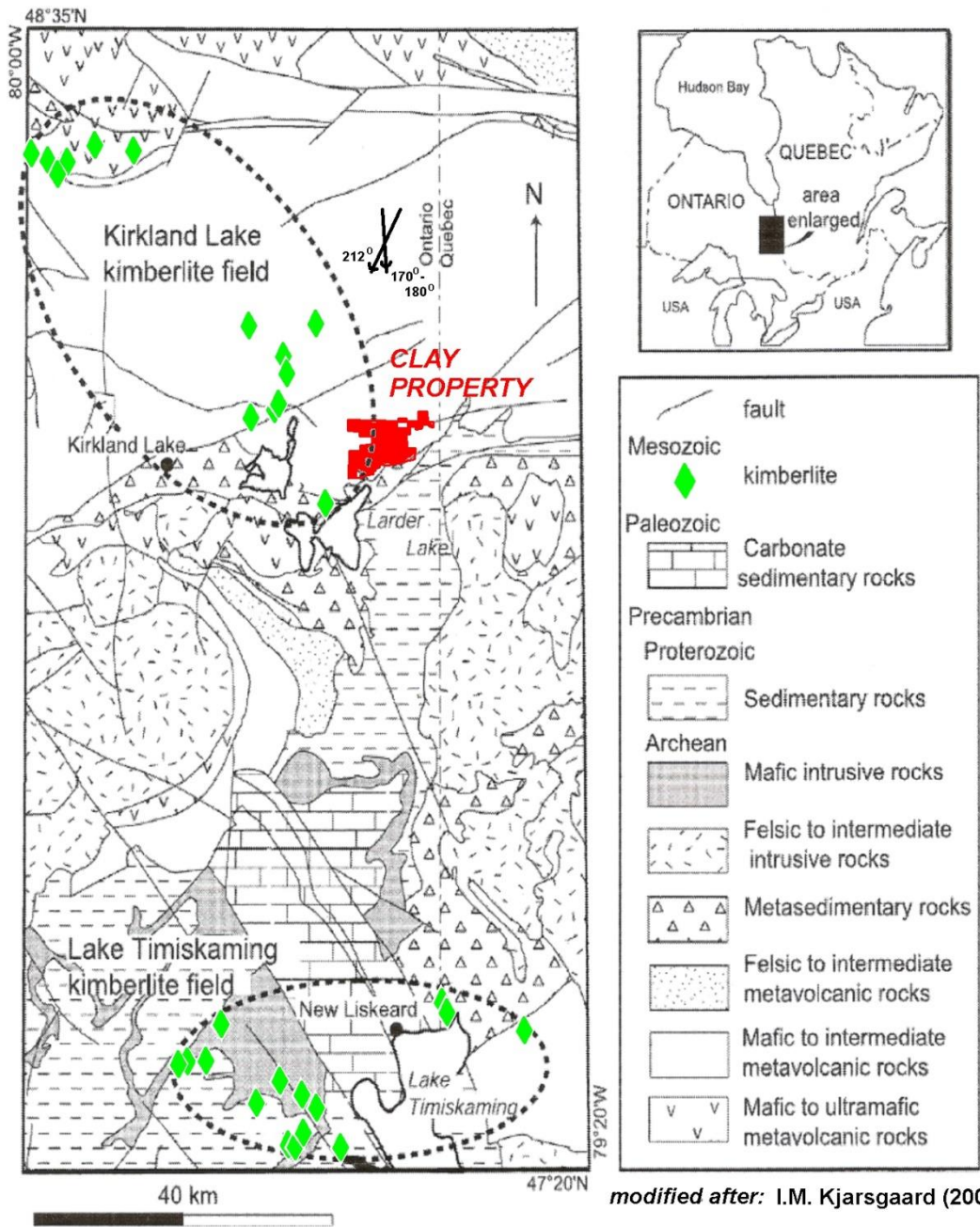
The Clay Property is situated on Early Precambrian - Archean mafic volcanic and sedimentary rocks of the Abitibi Greenstone Belt (Figure 3). The volcanic rocks extend from the Chibougamau area in Quebec to west of Timmins in Ontario. During the Early Precambrian the volcanic sequence was intruded by mafic intrusive rocks consisting of gabbro and diorite, intermediate intrusive rocks and felsic intrusive rocks consisting quartz diorite, granodiorite and feldspar porphyry dikes. During the Late to Middle Precambrian and into the Proterozoic Era the entire sequence was intruded by several events of diabase dikes.

The Clay Property is underlain by Archean rocks consisting Fe and Mg rich basalts of the Kinojevis Assemblage and pillowed basalts of the Blake River Assemblage ranging 2704 to 2696 Ma (OFR 6154). These units have been intruded by gabbro and all are overlain by sandstones, conglomerate and pyroclastic rocks of the Timiskaming Assemblage dated 2676 to 2670 Ma. During the late Archean, the entire sequence was intruded by porphyritic dikes and sills.

Regionally, the Clay Property is located on the south limb of a large east-west trending syncline structure centred approximately 20 km's north of the property in the Blake River Assemblage. On the property, rock units of the Kinojevis, Blake River and Timiskaming Assemblages generally strike northeast and dip vertically to steeply southeast or northwest. In the northwest section of the property, pillowed units of the Blake River assemblage strike northwest and have flows tops dipping towards the northeast.

Structurally, the Clay Property is situated approximately 1 km north of the famous Larder Lake –Cadillac Fault Zone. The property is crossed by a series of northeast trending conjugate faults and shear zones associated with the Larder Lake - Cadillac Fault Zone. One such structure, the Ivan-Larder Fault crosses the south section of the property in the vicinity of the Northland railway track.





**Figure 3: Geology & Kimberlite Fields  
Northeastern Ontario  
Clay Property  
Goldstake Explorations Inc.**

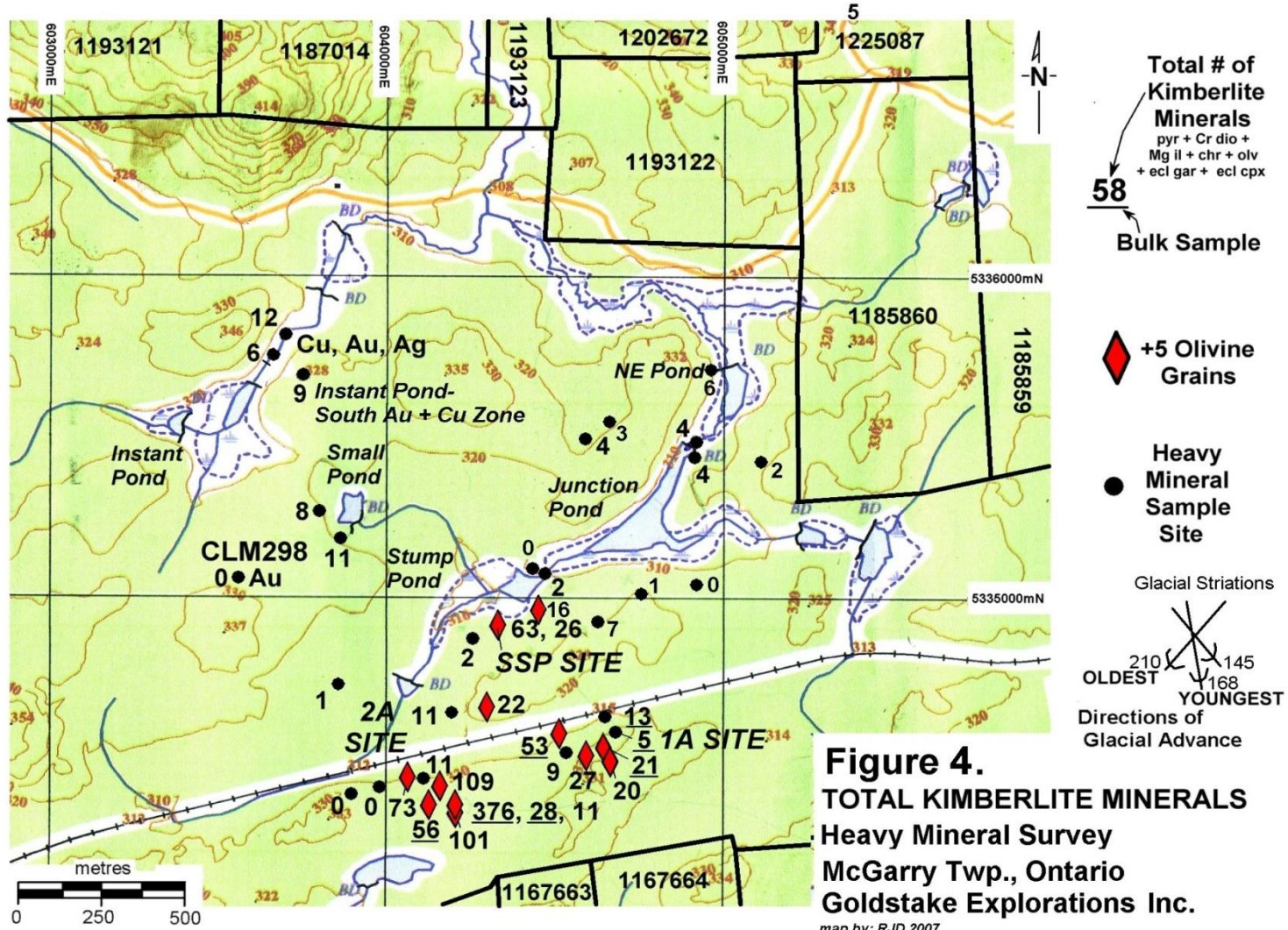
Rocks associated with faulting on the property are variably deformed, silicified and altered to carbonate, sericite, fuchsite and chlorite. Faulted units frequently contain sulphides, mineralized quartz veins and quartz-carbonate stringer stockwork. Gold mineralization associated with shearing occurs at several localities on the property.

The Clay Property is situated in the southeast section of the Kirkland Lake kimberlite field known to contain +20 kimberlite pipes and dykes (Figure 4). The discovery of the Diamond Lake Pipe, located in McVittie Twp. 9 kilometres west of the Clay Property is the closest known kimberlite pipe to the property. Kimberlite intrusions occurred in the Jurassic period between 173 to 121 Ma. Kimberlite intrusions are the youngest volcanic rocks in the Abitibi Greenstone Belt. Pipes are known to develop close to the intersection of north trending faults with northwest trending faults belonging to the Lake Timiskaming Structural Zone and older structures such as the northeast trending faults crossing the Blake River assemblage.

Abundant concentrations of kimberlite minerals have been found in the basal till layer at various locations on the Clay Property. Most notably of these locations is the 2A Site located south of the railway track in the Stump Pond area in the south section of the property (Figure 4). The kimberlite minerals include: pyrope garnet, chrome diopside, chromite, Mg-ilmenite, eclogite garnet and olivine.

## **History of Exploration**

Between 1983 and 1984, a series of heavy mineral surveys conducted by Dr. Hulbert A. Lee during gold exploration resulted in the first identification of kimberlite indicator minerals in glacial till samples collected in the vicinity to Stump Pond. The kimberlite minerals are described as: purple and orange garnet, green diopside, yellow olivine, ilmenite, kimberlitic rock clasts and 3 potential diamonds.



In 1983, a newly formed joint venture partners between Lee Geo-Indicators and McGarry Gold Partnership Inc. reported intersecting a 3 foot wide dike-like rock under Stump Pond described in the drill log as being “polymictic conglomerate with a signal green grain of fuchsite or chrome diopside”. The dike was intersected at a depth of 252 feet in DDH-83-5.

In 1984 a ground magnetometer survey was undertaken over the Mining Lease by Sagax Ltd. on behalf Lee Geo-Indicators and McGarry Gold. The survey identified three sub-circular magnetic responses in the vicinity to the kimberlite minerals found in the Stump Pond area. Later that year, two of the magnetic features were tested by drilling but failed to intersect kimberlite. In the same area, drill holes under the F-Zone are reported to have intersected a 2 foot wide dike of unknown rock described as “green” and “calcareous”. The dike was intersected in four adjacent holes: 84-30, 84-57, 84-8 and 84-59.

In 1985, Lee Geo-Indicators and McGarry Gold collected 114 till samples on the Mining Lease CLM 298. Kimberlite minerals were identified in 15 samples. One sample taken south of the railway track contained a kimberlitic rock fragment with purple garnets. Despite the results, no follow-up diamond exploration was reported for almost a decade later.

In 1995, on behalf of Transpacific Resources Inc., E.A. Gallo discovered 6 grains of pyrope garnet and 2 grains of chrome diopside in 4 basal till samples collected on the McGarry (Clay) Property. Electron microprobe analyses confirmed the garnets were G9 type pyrope and one being a G10 type commonly associated with diamond deposits. Mr. Gallo also reports finding two small diamond which were reported later to be confirmed by a lab in Tanzania and by microprobe analysis at the University of Toronto.

In 2004, on behalf of Transpacific and new joint venture partner, Goldstake Explorations Inc., Mr. Gallo drilled two circular magnetic features termed: Target A and Target B. It was determined the magnetic features were caused by magnetite-bearing syenite.

In 2006, Claude Jacques on behalf of Goldstake re-located and bulk sampled the kimberlite mineral anomalies discovered by Dr. Lee in 1984. The heavy mineral concentrates from the program were sent to the author for examination and were found to contain abundant kimberlite minerals. Most notably were sample sites “2A” and “SSP” which contained hundreds of kimberlite minerals. Both samples were collected in the vicinity of Stump Pond and the railway track.

Throughout 2006 and 2007, Goldstake collected additional heavy mineral samples from the property and completed several small ground magnetometer surveys in the Stump Pond area.

In 2007, Goldstake drilled two holes to test magnetic features in the Stump Pond area. One drill hole tested the “L.21+00 Target” being the third potential kimberlite feature outlined by Sagax Ltd. Ground magnetometer in 1984. The second hole tested a magnetic feature under Junction Pond. Kimberlite was not intersected in either hole.

### **Survey Dates and Personnel**

De Beers’ personnel collected till samples on Clay Property over 3 days between September 19<sup>th</sup> to September 22<sup>nd</sup>, 2015. During this time, a total of 38 till samples were collected from the property. Locations of the till samples are shown on maps accompanying this report.

De Beers’ personnel who collected the till samples include: Natasha Oviatt, Patrick Mathieu, Caitlyn Adams, Colin Smith, Cameron Green, and Sean Dunn.

## **Survey Logistics**

Till sample descriptions provided by De Beers' are appended to this report. Till samples collected in the field are reported to consist of 10 to 13 litres of -20 mm material collected at depths of 15 to 70 cm.

Till samples were sent to Saskatchewan Research Council (SRC) for sorting and mineral picking. Personnel at SRC were instructed to pick pyrope garnet, chrome diopside, chromite and ilmenite. A summary of the kimberlite minerals observed in the till samples is appended to this report.

Mineral grains were sent for electron microprobe analysis at De Beers' indicator mineral laboratory in Johannesburg, South Africa. Grain chemistries based on microprobe analyses and mineral plots are appended to this report.

## **Results of Survey**

Results of the till sampling program showed kimberlite minerals in 30 of the till samples collected on the Clay Property. Eight samples did not contain any kimberlite minerals. Grain counts in KIM bearing samples ranged 1 to 171 mineral grains. Sample locations, descriptions and grain counts are appended to this report.

The highest concentration of kimberlite minerals were observed in sample AN676615 (171 grains), collected at the 2A Site and in sample AN680815 (103 grains), collected close to a trench at the Instant Pond gold occurrence. Most of the till samples collected between these two locations contained 10 to 38 kimberlite minerals. Sample AN676915, collected west of the 2A Site contained 87 kimberlite minerals.

Thirteen of the till samples contained pyrope garnets in concentrations ranging 1 to 5 grains. All of the pyrope bearing samples with the exception of one site are located in the south section of the property. The highest

concentrations of pyrope garnet were observed in samples: AN676915 (18 grains) taken west of the 2A site, AN676615 (14 grains) taken at the 2A Site, AN738215 (11 grains), AN739515 (8 grains) and AN680815 (5 grains) taken close to the Instant Pond Zone. All the pyrope garnets found by this survey are classified as G9 type with the exception a single grain classified as a G10 pyrope in sample AN676915. It should be noted that several high Cr pyrope garnets with >9% wt. Cr<sub>2</sub>O<sub>3</sub> were found in sample AN739515 collected between the 2A Site and Instant Pond Zone. The high Cr pyrope compositions of these particular garnets are distinct within the pyrope population found on the property.

Chrome diopside grains were observed in seven of the till samples in concentrations ranging 1 to 5 grains. Six of the samples with chrome diopside were collected in the south section of the property. The highest concentration was observed in sample AN676915 (5 grains) taken west of the 2A site. Most compositions of the chrome diopside show 1:1 ratio between Cr and Na which is typical of chrome diopside from kimberlite and sometimes associated with diamond.

High concentrations of ilmenite of kimberlitic affinity are a significant component of the majority of the KIM-bearing samples. The best concentrations of ilmenite occur in samples AN676615 (92 grains) taken at the 2A Site and AN680815 (75 grains) taken close to the Instant Pond Zone. Based on Mg and Cr content, microprobe analyses suggest the presence of three populations of ilmenite. Ilmenite grains with high Cr and Mg compositions sometimes associated with diamond were found in samples: AN676615 (2 grains) taken at the 2A Site, AN738215 (2 grains), AN680415 (2 grains) and AN680815 (2 grains) collected close to the Instant Pond Zone.

Chromite grains are a significant component of the majority of KIM-bearing samples. The highest chromite counts were observed in samples: AN676615 (61 grains) taken at the 2A Site, AN676915 (59 grains) taken west of the 2A site and AN680815 (75 grains) taken close to the Instant Pond Zone. High Cr compositions commonly associated with diamond also

occur in samples: AN676615 (6 grains), AN676915 (8 grains), AN739515 (4 grains) collected between the 2A Site and Instant Pond Zone, and AN680815 (3 grains).

Grains of olivine were noted in four samples collected in the south section of the property. The highest concentration of olivine was observed in sample AN676615 (18 grains) taken at the 2A Site. One grain of olivine was noted in each of the other three samples.

## **Discussion of Results**

De Beers' till sampling program on the Clay Property further substantiates the presence of abundant kimberlite minerals in the south section of the Clay Property. The electron microprobe analyses reveals mineral chemistries of some grains overlap compositions of minerals known to coexist with diamond in kimberlite. This is evident by the presence of high Cr spinel (chromite), chrome diopside and the high Cr pyrope. Most of the diamond indicator minerals were found in sample AN676615, collected at the 2A Site and in sample AN676915, taken west of the 2A Site.

Olivine grains are a significant component of the kimberlite minerals found at the 2A Site and in some of the surrounding samples including the SSP Site which was not sampled during this survey. Olivine is very susceptible to erosion and does not transport well by glaciation. The presence of olivine in large quantities suggests there is a local source.



## Conclusions and Recommendations

Kimberlite minerals can be found in good quantities in till samples collected in south section of the Clay Property. There is high probability that the minerals have come from one or more kimberlite sources occurring on the Clay Property. Additional work is warranted to find the source of the kimberlite minerals. A compilation of all magnetic data combined with further till sampling is recommended. Magnetic features suspected of being kimberlite should be outlined by ground magnetic surveys performed on closely spaced survey lines prior to drill testing.

Respectfully submitted,



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P.Ge



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July 18, 2016

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**CERTIFICATE of AUTHOR**

I, **Robert J. Dillman, Professional Geologist**, do certify that:

1. I am the **President** and the holder of a **Certificate of Authorization** for:  
  
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**8901 Reily Drive**  
**Mount Brydges, Ontario, Canada**  
**N0L1W0**
2. I graduated in 1991 with a **Bachelor of Science Degree in Geology** at the **University of Western Ontario**.
3. I am an active member of:  
  
**Association of Professional Geoscientists of Ontario, APGO**  
**Prospectors and Developers Association of Canada, PDAC**
4. I have been a **licensed Prospector in Ontario** since 1985.
5. I have worked continuously as a **Professional Geologist** for 18 years.
6. Unless stated otherwise, **I am responsible** for the preparation of all sections of the technical report titled:

**SUMMARY OF DE BEERS' TILL SAMPLING PROGRAM FOR  
KIMBERLITE MINERALS ON THE CLAY PROPERTY, MCGARRY-  
MCVITTIE-OSSIAN TOWNSHIPS, LARDER LAKE AREA, ONTARIO**

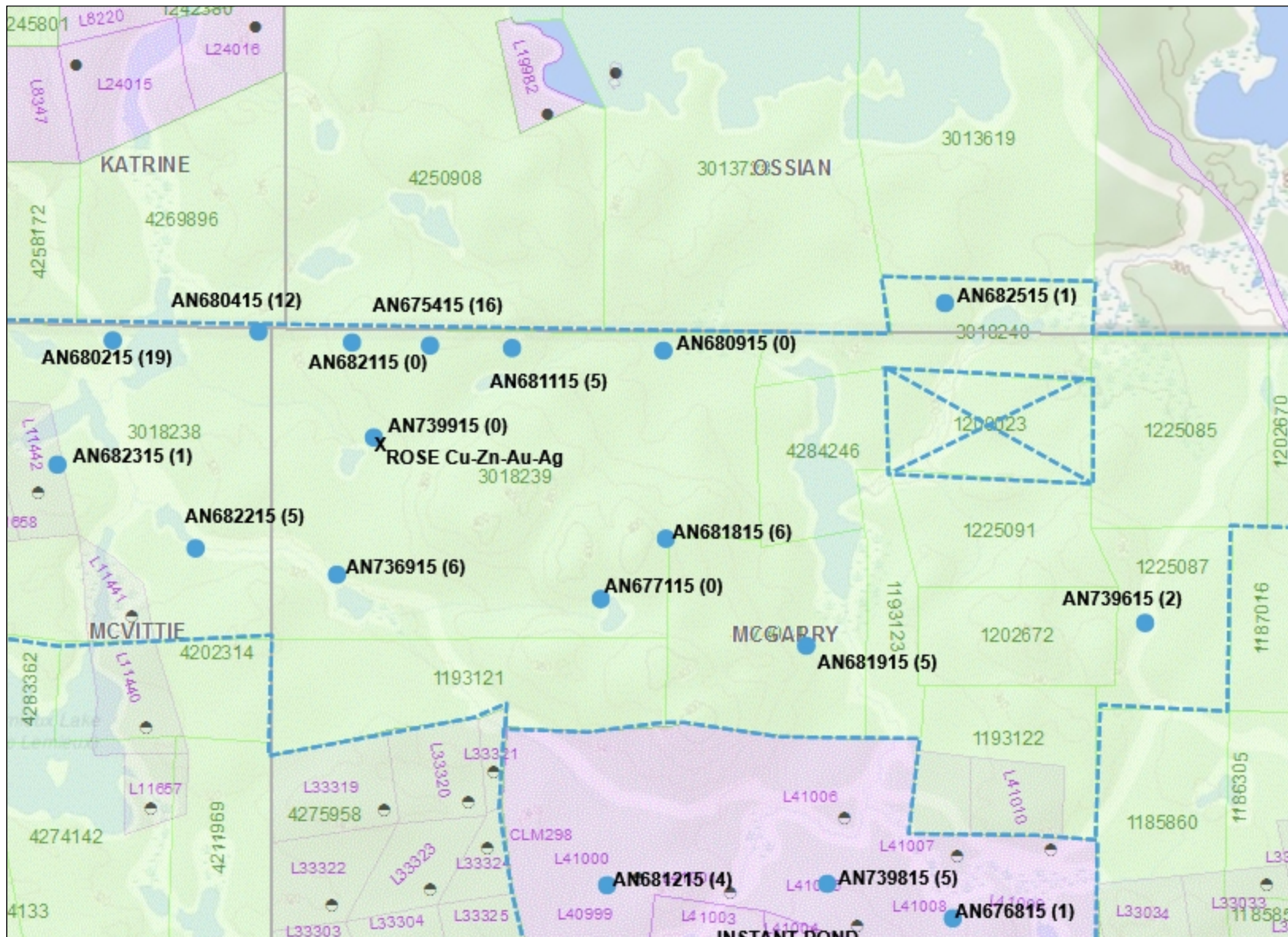
**FOR: GOLDSTAKE EXPLORATIONS INC.**  
**Suite 1603, 2045 Lakeshore Blvd. West**  
**Etobicoke, Ontario M8V2Z6**

dated, **July 18, 2016**



**Robert James Dillman** P.Ge  
**Arjadee Prospecting**





### Legend

**Administration Boundaries**

- Mining Divisions
- Resident Geologist District
- Townships and Areas

**Mineral Tenure Grid**

- OMTG Tenure Grid

**Alienations**

- Withdrawal
- Notice

**Unpatented Claim**

- Active
- Pending

**Disposition**

- Disposition

**Disposition Symbols**

- Camp
- Disposition Unknown/Pending
- Freehold Patent Mining Rights Only
- Freehold Patent Surface Rights Only
- Freehold Patent Surface and Mining Rights
- Land Use Permit
- Leasehold Patent Mining Rights Only
- Leasehold Patent Surface Rights Only
- Leasehold Patent Surface and Mining Rights
- License of Occupation Mining Use Only
- License of Occupation Surface Use Only
- License of Occupation Surface and Mining Rights
- License of Occupation Uses Not Specified
- Order in Council
- Tower
- WPLA

**Geology Layers**

- AMIS Sites
- AMIS Features
- Drill Holes
- Mineral Occurrences



Projection: Web Mercator



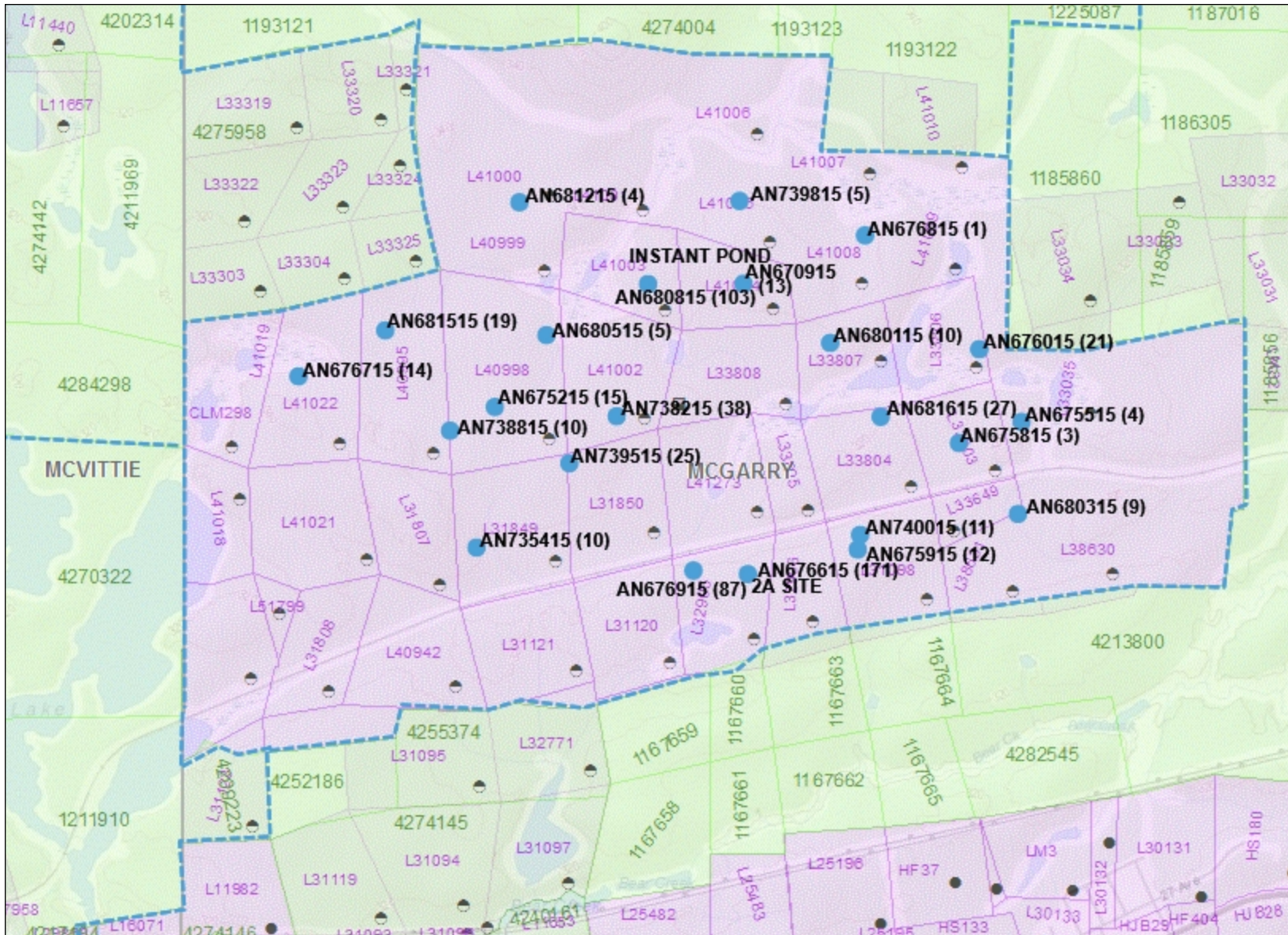
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- Freehold Patent Mining Rights Only
- Freehold Patent Surface Rights Only
- Freehold Patent Surface and Mining Rights
- Land Use Permit
- Leasehold Patent Mining Rights Only
- Leasehold Patent Surface Rights Only
- Leasehold Patent Surface and Mining Rights
- License of Occupation Mining Use Only
- License of Occupation Surface Use Only
- License of Occupation Surface and Mining Rights
- License of Occupation Uses Not Specified
- Order in Council
- Tower
- WPLA

**Geology Layers**

- AMIS Sites
- AMIS Features
- Drill Holes
- Mineral Occurrences



Projection: Web Mercator



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AN675915	-79.592889	48.155042	289.091585	WGS84	9/20/2015	John Delgaty	TILL	Veneer	GROUND MORaine	MAFIC VOLCANIC
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AN676715	-79.62315	48.161273	284.091158	WGS84	9/22/2015	John Delgaty	TILL	Blanket	GROUND MORaine	NOT EXPOSED/SEEN
AN676815	-79.592482	48.166368	283.691217	WGS84	9/22/2015	John Delgaty	TILL	Veneer	GROUND MORaine	NOT EXPOSED/SEEN
AN676915	-79.601783	48.154273	287.991544	WGS84	9/19/2015	John Delgaty	TILL	Veneer	GROUND MORaine	INTER. VOLCANIC
AN677115	-79.611528	48.177888	340.090701	WGS84	9/21/2015	John Delgaty	TILL	Veneer	GROUND MORaine	NOT EXPOSED/SEEN
AN680115	-79.594387	48.162489	294.69133	WGS84	9/22/2015	John Delgaty	TILL	Veneer	GROUND MORaine	NOT EXPOSED/SEEN
AN680215	-79.637899	48.187206	278.090202	WGS84	9/21/2015	John Delgaty	TILL	Blanket	GROUND MORaine	NOT EXPOSED/SEEN
AN680315	-79.584276	48.156281	290.891607	WGS84	9/20/2015	John Delgaty	TILL	Reworked	GROUND MORaine	NOT EXPOSED/SEEN
AN680415	-79.630013	48.187523	291.39025	WGS84	9/21/2015	John Delgaty	TILL	Veneer	GROUND MORaine	FELSIC INTRUSIVE
AN680515	-79.609734	48.162768	295.491208	WGS84	9/22/2015	John Delgaty	TILL	Blanket	GROUND MORaine	NOT EXPOSED/SEEN
AN680815	-79.604228	48.164618	306.291188	WGS84	9/22/2015	John Delgaty	TILL	Veneer	GROUND MORaine	FELSIC INTRUSIVE
AN680915	-79.608147	48.186844	274.990432	WGS84	9/22/2015	John Delgaty	TILL	Blanket	GROUND MORaine	NOT EXPOSED/SEEN
AN681115	-79.616321	48.186933	313.59037	WGS84	9/21/2015	John Delgaty	TILL	Veneer	GROUND MORaine	MAFIC VOLCANIC
AN681215	-79.611187	48.167561	302.291041	WGS84	9/22/2015	John Delgaty	TILL	Veneer	GROUND MORaine	NOT EXPOSED/SEEN
AN681515	-79.618452	48.16294	297.791138	WGS84	9/22/2015	John Delgaty	TILL	Blanket	GROUND MORaine	INTER. VOLCANIC
AN681615	-79.591634	48.159835	287.491437	WGS84	9/22/2015	John Delgaty	TILL	Veneer	GROUND MORaine	MAFIC INTRUSIVE
AN681815	-79.60801	48.180058	352.090655	WGS84	9/22/2015	John Delgaty	TILL	Veneer	GROUND MORaine	NOT EXPOSED/SEEN
AN681915	-79.600409	48.176199	289.690837	WGS84	9/22/2015	John Delgaty	TILL	Veneer	GROUND MORaine	MAFIC VOLCANIC
AN682115	-79.624989	48.187125	316.4903	WGS84	9/21/2015	John Delgaty	TILL	Reworked	GROUND MORaine	FELSIC INTRUSIVE
AN682215	-79.633467	48.179696	277.39048	WGS84	9/21/2015	John Delgaty	TILL	Veneer	GROUND MORaine	NOT EXPOSED/SEEN
AN682315	-79.6411	48.182614	281.990328	WGS84	9/21/2015	John Delgaty	TILL	Veneer	GROUND MORaine	NOT EXPOSED/SEEN
AN682515	-79.592926	48.188569	287.190488	WGS84	9/22/2015	John Delgaty	TILL	Veneer	GROUND MORaine	FELSIC INTRUSIVE
AN735415	-79.613521	48.155111	284.891431	WGS84	9/20/2015	John Delgaty	TILL	Veneer	GROUND MORaine	MAFIC VOLCANIC
AN736915	-79.625812	48.178762	286.290567	WGS84	9/22/2015	John Delgaty	TILL	Veneer	GROUND MORaine	NOT EXPOSED/SEEN
AN738215	-79.605927	48.159852	304.991331	WGS84	9/19/2015	John Delgaty	TILL	Veneer	GROUND MORaine	NOT EXPOSED/SEEN
AN738815	-79.614956	48.159315	289.491283	WGS84	9/20/2015	John Delgaty	TILL	Veneer	GROUND MORaine	MAFIC VOLCANIC
AN739515	-79.608483	48.158141	302.191369	WGS84	9/20/2015	John Delgaty	TILL	Veneer	GROUND MORaine	MAFIC VOLCANIC
AN739615	-79.582102	48.177034	292.490945	WGS84	9/22/2015	John Delgaty	TILL	Veneer	GROUND MORaine	NOT EXPOSED/SEEN
AN739815	-79.599307	48.167604	285.891127	WGS84	9/22/2015	John Delgaty	TILL	Blanket	GROUND MORaine	NOT EXPOSED/SEEN
AN739915	-79.623709	48.183674	299.290422	WGS84	9/21/2015	John Delgaty	TILL	Veneer	GROUND MORaine	MAFIC VOLCANIC
AN740015	-79.592756	48.155559	291.791569	WGS84	9/20/2015	John Delgaty	TILL	Veneer	GROUND MORaine	NOT EXPOSED/SEEN

vtSample_SampleCD *	vtSample_MajorClastLithologyCD	vtSample_MaxSize	vtSample_MinorClastLithologyCD	vtSample_OriginalSampleVolume	vtSample_OverSizeClastPercent	vtSample_PercentGravel	vtSample_QuantityCollected	vtSample_SampleDepthUnitCD
AN670915	Mafic Intrusive	20	Felsic Intrusive	13	23.076923	25	10	cm
AN675215	Mafic Volcanic	20	Felsic Intrusive	15	33.333333	25	10	cm
AN675415	Mafic Volcanic	20	Inter. Volcanic	13	23.076923	25	10	cm
AN675515	Mafic Volcanic	20	Felsic Intrusive	11	9.090909	10	10	cm
AN675815	Mafic Volcanic	20	Felsic Intrusive	14	28.571428	15	10	cm
AN675915	Mafic Volcanic	20	Felsic Intrusive	11	9.090909	10	10	cm
AN676015	Mafic Intrusive	20	Felsic Intrusive	13	23.076923	10	10	cm
AN676615	Conglomerate	20	Mafic Volcanic	11	9.090909	15	10	cm
AN676715	Mafic Volcanic	20	Felsic Intrusive	15	33.333333	10	10	cm
AN676815	Mafic Volcanic	20	Felsic Intrusive	11	9.090909	10	10	cm
AN676915	Mafic Volcanic	20	Inter. Volcanic	11	9.090909	15	10	cm
AN677115	Inter. Volcanic	20	Other	11	9.090909	15	10	cm
AN680115	Mafic Intrusive	20	Felsic Intrusive	14	28.571428	20	10	cm
AN680215	Mafic Volcanic	20	Inter. Volcanic	12	16.666666	0	10	cm
AN680315	Felsic Intrusive	20	Mafic Volcanic	12	16.666666	25	10	cm
AN680415	Felsic Intrusive	20	Mafic Volcanic	15	33.333333	20	10	cm
AN680515	Mafic Volcanic	20	Inter. Volcanic	12	0	5	10	cm
AN680815	Mafic Volcanic	20	Inter. Volcanic	13	23.076923	15	10	cm
AN680915	Mafic Volcanic	20	Felsic Intrusive	13	23.076923	15	10	cm
AN681115	Inter. Volcanic	20	Mafic Volcanic	15	33.333333	15	10	cm
AN681215	Inter. Volcanic	20	Mafic Volcanic	13	23.076923	15	10	cm
AN681515	Inter. Volcanic	20	Mafic Volcanic	11	0	10	10	cm
AN681615	Mafic Intrusive	20	Inter. Volcanic	13	0	10	10	cm
AN681815	Mafic Volcanic	20	Mafic Volcanic	12	16.666666	20	10	cm
AN681915	Mafic Volcanic	20	Felsic Intrusive	15	33.333333	15	10	cm
AN682115	Felsic Intrusive	20	Mafic Volcanic	12	16.666666	15	10	cm
AN682215	Mafic Intrusive	20	Felsic Intrusive	12	16.666666	10	10	cm
AN682315	Mafic Volcanic	20	Felsic Intrusive	12	16.666666	15	10	cm
AN682515	Inter. Volcanic	20	Mafic Volcanic	20	50	10	10	cm
AN735415	Mafic Volcanic	20	Inter. Volcanic	13	23.076923	25	10	cm
AN736915	Felsic Intrusive	20	Mafic Volcanic	15	33.333333	20	10	cm
AN738215	Mafic Volcanic	20	Felsic Intrusive	11	9.090909	20	10	cm
AN738815	Mafic Volcanic	20	Felsic Intrusive	12	16.666666	15	10	cm
AN739515	Mafic Volcanic	20	Felsic Intrusive	12	16.666666	15	10	cm
AN739615	Mafic Volcanic	20	Felsic Intrusive	12	16.666666	25	10	cm
AN739815	Mafic Intrusive	20	Felsic Intrusive	13.5	25.925925	15	10	cm
AN739915	Mafic Volcanic	20	Felsic Intrusive	20	50	25	10	cm
AN740015	Mafic Volcanic	20	Not Exposed/Seen	12	16.666666	20	10	cm



vtSample_SampleCD *	vtSample_SamplePointDepth	vtSample_SoilColourCD	vtSample_MaterialAngularityCD	vtSample_ExcludeSampleFromAnalytics_calc	vtSample_PercentClay	vtSample_PercentSand	vtSample_PercentSilt
AN670915	35	ORANGE BROWN	SUB-ANGULAR	0	10	55	10
AN675215	40	GREY BROWN	ANGULAR	0	0	50	25
AN675415	35	BROWN	SUB-ROUNDED	0	5	60	10
AN675515	25	BROWN	SUB-ANGULAR	0	5	55	30
AN675815	35	GREY	ANGULAR	0	10	50	25
AN675915	55	ORANGE BROWN	SUB-ANGULAR	0	5	40	45
AN676015	20	BROWN	ANGULAR	0	5	55	30
AN676615	30	BROWN	ANGULAR	0	5	50	30
AN676715	40	DARK BROWN	SUB-ANGULAR	0	5	55	30
AN676815	20	LIGHT BROWN	ANGULAR	0	5	55	30
AN676915	30	ORANGE BROWN	ANGULAR	0	5	60	20
AN677115	50	BROWN	ANGULAR	0	5	50	30
AN680115	30	GREY BROWN	SUB-ANGULAR	0	10	55	15
AN680215	40	BROWN	SUB-ROUNDED	0	0	60	0
AN680315	30	ORANGE BROWN	SUB-ANGULAR	0	5	55	15
AN680415	50	BROWN	SUB-ANGULAR	0	5	60	15
AN680515	50	BROWN	SUB-ANGULAR	0	5	60	30
AN680815	30	BROWN	SUB-ANGULAR	0	5	50	30
AN680915	40	GREY BROWN	SUB-ANGULAR	0	5	35	45
AN681115	30	ORANGE BROWN	SUB-ANGULAR	0	5	45	35
AN681215	20	BROWN	SUB-ANGULAR	0	5	45	35
AN681515	25	BROWN	SUB-ANGULAR	0	5	55	30
AN681615	15	DARK BROWN	ANGULAR	0	5	55	30
AN681815	55	BROWN	SUB-ANGULAR	0	0	60	20
AN681915	70	GREY BROWN	SUB-ROUNDED	0	5	50	30
AN682115	20	BROWN	SUB-ANGULAR	0	5	50	30
AN682215	50	GREY	SUB-ROUNDED	0	5	35	50
AN682315	40	ORANGE BROWN	ANGULAR	0	5	50	30
AN682515	35	LIGHT BROWN	ANGULAR	0	5	30	55
AN735415	45	GREY BROWN	SUB-ANGULAR	0	10	55	10
AN736915	50	GREY BROWN	SUB-ANGULAR	0	5	35	40
AN738215	35	LIGHT BROWN	SUB-ANGULAR	0	0	50	30
AN738815	30	ORANGE BROWN	SUB-ANGULAR	0	0	55	30
AN739515	50	LIGHT BROWN	SUB-ANGULAR	0	0	60	25
AN739615	45	BROWN	SUB-ANGULAR	0	0	55	20
AN739815	25	DARK BROWN	SUB-ROUNDED	0	10	55	20
AN739915	50	ORANGE BROWN	SUB-ANGULAR	0	0	45	30
AN740015	30	LIGHT BROWN	VERY_ANGULAR	0	5	50	25

vtSample_SampleCD *	vtSampleRemarks_SampleRemark
AN670915	Sample taken on flank of hill, just outside of alder forest. Sample is sand rich with a silt coating over clasts. 20cm down hole there was a large boulder lag, till material lay just beyond boulders. Some quartz clasts present.
AN675215	Sand and gravel rich till on top of bedrock knob; bedrock not observed at surface but hit at 50cm down hole. Boulder lag at surface and scraped till off bedrock. Clasts are quite angular and have silt coating. off bedrock is GL clay. Mod sample material.
AN675415	Sample taken S of bedrock knob in a flat sparsely vegetated opening. Large boulders at surface of hole and at depth. Till is gravel and sand rich which is the trend in the area. Clasts have minor silt coating and range from pebbles to boulders.
AN675515	Sample site on gentle (5deg) slope to E in grove of mature poplars and thick alder underbrush. Sandy till underlies 15cm of organics with surface boulder lag. Light grey clay/silt pockets present downhole and silt-coats common on most clasts.
AN675815	A/E Horizon overlying boulder lag at 15cm, washed till until 30 cm. Sample material is a clayey-silty till with abundant gravel. Numerous clasts are clay and silt coated. Very compact. On local topo high with swampy gl at bottom.
AN675915	Sampled cutbank of trench running -E-W on 10deg slope to E and 10m W of road. Material is moderately oxidized throughout, with a ~5cm horizon of gravel rich seeds which is more oxidized. Clasts are silt-coated and of various compositions.
AN676015	Sampled half way up slope on SE side of bedrock ridge, slight boulder lag at surface overlying good till. Heavily forested area.
AN676615	Swamped bottom wall of old trench site. Scraped sandy till off bedrock. Top 30 cm b-horizon till. approximately 10cm of c-horizon for sampling.
AN676715	Sampled 25m SW of swamp at edge of treeline on 20 degree slope to the NE. many large boulders in hole. material is sandy slightly weathered but very compact. clasts have good silt coatings that are more dominant at depth.
AN676815	Sampled on slight topo high in middle of alder forest. Great silty-sand till at surface. Boulders throughout though not concentrated at surface (unique for area).
AN676915	Sampled on west side of outcrop. Material was sandy till with clay lenses. Top 20cm was reworked till. Very wet sample, difficult to see textures. Clasts had silt coating.
AN677115	Sampled at top of significant topo high, top 50 cm b-horizon till. Sample interval 50-70 cm material is good silty-sand till with bullet-shaped clasts. No large boulders at surface or in sample hole, only one cobble, unusual for area. Minor clast metased.
AN680115	Sampled on top of local topo high, mixed species forest. Slight boulder lag and washed till overlying good material at 30 cm. Heavily silt coated clasts. Very good material.
AN680215	Sample taken on large knob possibly bedrock. Thick vegetation covers area and directly below knob is swamp. Till is sandy with little clay but some silt coating on clasts is present. Sand is mostly fine grained with minor coarser grained sand present.
AN680315	Sampled top of subtle topo rise NE of swamp in spruce forest with moss cover and no underbrush. Intact AEB horizons to 25cm, underlain by gravel-rich sandy till to eoh. Material inter'd as washed, but abundant silt-coated clasts. Coarsens with depth.
AN680415	Sample site on flank of bedrock rise sloping 20deg to W in pine/spruce forest with extensive boulders near surface. Sandy fine grained till with minor silt coating. Sample is slightly reworked and lacks clay. Mostly pebble-sized clasts with 2 boulders
AN680515	Sampled flank of hill 25m NW of swamp on 20deg slope to SE with sparse pine/birch trees. 10cm of organics is underlain by ~30cm clast-poor med-grained sand, then sandy till with silt/clay nodules to eoh. Silt-coated clasts present but not abundant.
AN680815	Taken in thick regrowth area 80m from small trail and stripped outcrop. Began sampling where material became less weathered and very compact. Cemented clay and till chunks and very silt coated clasts present
AN680915	Till taken on top of possible bedrock knob. Came up topo from swamp in the N; boulders at surface but no outcrop exposed. Material is compact, clasts have good silt coating and are varied in size. Dense alder and larch forest. Quite silt rich.
AN681115	Sample site 10m S of 5m high bedrock ridge on ground sloping 15deg to SE in maple/poplar/pine forest. 25cm of A-E horizon with surface boulder lag is underlain by mod oxidized till with excellent variation in grain size. Bedrock hit @ 60cm.
AN681215	Slightly weathered/oxidized till found on gentle slope to NW 3m from two large boulders. Bedrock intersected in hole 15m away at top of hill. Clasts in hole show heavy silt coating. Compact.
AN681515	Sampled flank of bedrock ridge 5m to W in grove of mature poplars with head-high underbrush. 20cm of intact A-E-B soil horizons overlay brown till with silty nodules and common silt-coated clasts.
AN681615	Sample taken on top of bedrock knob, area is surrounded by swamp on northern side. Material is slightly reworked and occurs just below surficial organic layer. Clasts are very angular and range from pebbles to boulders mostly mafic.
AN681815	Sample taken on gentle slope down to the south. Boulders present on surface and down hole. Large subrounded granitic boulders near top with dominantly mafic below. Gravel rich till with silt coatings on oversize. Some bullet shaped oversize also seen.
AN681915	Till collected on SE flank of mafic bedrock knob. Good quality; compact, silt coating on one side of clasts, and sticky from clay/silt content. Good oversized content and variety of clast sizes. Sample taken under 20cm boulder lag and mod oxidized till.
AN682115	Sampled flank of gradually rising bedrock high on 10deg slope to W in grove of mature birch and smaller pine/spruce. 15cm of A-E horizons overlie brown clast-rich till. Very difficult to find sampleable material in area. Likely reworked, but local.
AN682215	Silty till on flank of bedrock knob in alder and mixed forest near swamp. Under 20cm boulder lag and orange brown oxidized sandy till. Sampled till is quite sticky and rich in fines. Good oversized and gravel content with thick silt coating on clasts.
AN682315	Sandy till collected on flank of bedrock knob; bedrock not seen at surface but large boulders strewn throughout. Quite angular clasts in till with minor silt coatings, and a thin ferrocrete layer encountered at depth. Oxidized to base of hole.
AN682515	Sampled crest of topo bedrock high (~25m elevation) in partial pine forest. 30cm of intact A-E-B soil horizon overlies angular oversize-rich silty till to eoh. Material lightens in colour @ 80cm and is saturated throughout.
AN735415	Till taken on top of outcrop knob. Top 40cm of sample was organic soil with large boulders and medium grained sediments. Underneath seeds 20cm of till was found before hitting bedrocks. Silt rich clasts with mostly mafic pebble/boulder clasts.
AN736915	Till collected on flank of presumed bedrock knob near small ATV trail. Material is compact and has very good clast size variation. Well developed silt coating on clasts and some with flat bottoms. Looked for historic sample site, but could not find.
AN738215	Gravelly sandy till under slightly oxidized material on top 35cm. Mainly small angular clasts with silt coating on one side. Compact material. Mixed forest on top of slight rise. Boulders seen on surface
AN738815	Sandy till off flank of bedrock knob. Top of bedrock had v. thin layer of organics over rock; lacking trap sites. Bedrock encountered at base of hole at approx 40cm. Sampled less oxidized material if possible; good silt coating, good clast size variation
AN739515	Sand and gravel rich till under boulder lag on flank of moderately sloped bedrock knob. Many mafic boulders strewn at surface. Till is quite coarse but silt and finer sands are present; good silt coating on oversize. Moderately compact and quite wet.
AN739615	Sampled ~25m from ATV trail on slight topo knob. Likely bedrock as it appeared to be bedrock at EOH. SE side of higher topography seen from air. Gravel rich till. Large boulders removed from hole and good till at ~45cm overlain by weathered material.
AN739815	Sample taken on side of gentle hill, with large boulders ar surface. Till is slightly oxidized B horizon till with good silt coating on all clasts. Clasts range from pebbles to boulders and occur randomly throughout hole. Possibly hit bedrock at EOH.
AN739915	Sandy B horizon till found on flank of bedrock knob. Nearby bedrock has previously been cleared and has sulfide mineralization; bulk sample has been taken. Till is very stone rich; boulders continue at depth. Good silt coating on clasts, mod compact.
AN740015	Sampled ~50m N of old trench site. Till is silty-sand with more gravel-rich lenses. Very wet sample. Area has very young new growth trees and brush.



## Goldstake - CAN150025/0026

## Visual KIM Summary

SampleID	MinSizeID	MaxSizeID	ClassTypeID	ConsignmentID	ArrivalMass	GrainTot	DiaTot	GoldTot	GaTot	GaDou	ILTot	ILDou	CdTot	CdDou	SpTot	SpK	SpD	SpU	OthTot	VisualRemark
AN670915	0.3	0.5	CAT4	CAN150026	4.12	13	0	0	2	0	2	0	0	0	9	0	9	0	0	
AN675215	0.3	0.5	CAT4	CAN150025	1.79	15	0	0	0	0	3	0	0	0	12	0	12	0	0	
AN675415	0.3	0.5	CAT4	CAN150025	4.82	16	0	0	0	0	0	0	0	0	16	0	16	0	0	1 olivine stored in a vial with sample
AN675515	0.3	0.5	CAT4	CAN150025	2.05	4	0	0	0	0	0	0	0	0	4	0	4	0	0	
AN675815	0.3	0.5	CAT4	CAN150025	1.16	3	0	0	0	0	0	0	0	0	3	0	3	0	0	
AN675915	0.3	0.5	CAT4	CAN150025	2.35	12	0	0	1	0	0	0	0	0	11	0	11	0	0	
AN676015	0.3	0.5	CAT4	CAN150026	2.59	21	0	0	0	0	3	0	0	0	18	0	18	0	0	
AN676615	0.3	0.5	CAT4	CAN150025	2.84	171	0	0	14	0	93	0	0	3	61	0	61	0	0	1 olivine stored in a vial with sample
AN676715	0.3	0.5	CAT4	CAN150026	1.55	14	0	0	1	0	7	0	1	0	5	0	5	0	0	
AN676815	0.3	0.5	CAT4	CAN150025	0.92	1	0	0	0	0	0	0	0	0	1	0	1	0	0	
AN676915	0.3	0.5	CAT4	CAN150025	3.09	87	0	0	18	0	6	0	2	3	58	0	58	0	0	18 olivine stored in a vial with sample
AN677115	0.3	0.5	CAT4	CAN150025	2.39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AN680115	0.3	0.5	CAT4	CAN150026	0.98	10	0	0	0	0	2	0	0	0	8	0	8	0	0	
AN680215	0.3	0.5	CAT4	CAN150025	2.54	19	0	0	1	0	11	0	2	0	5	0	5	0	0	
AN680315	0.3	0.5	CAT4	CAN150025	2.51	9	0	0	0	0	3	0	0	1	5	0	5	0	0	1 olivine stored in a vial with sample
AN680415	0.3	0.5	CAT4	CAN150025	3.3	12	0	0	0	0	12	0	0	0	0	0	0	0	0	
AN680515	0.3	0.5	CAT4	CAN150025	2.82	5	0	0	1	0	0	0	0	0	4	0	4	0	0	
AN680815	0.3	0.5	CAT4	CAN150026	1.74	103	0	0	5	0	75	0	1	0	22	0	22	0	0	
AN680915	0.3	0.5	CAT4	CAN150025	3.36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AN681115	0.3	0.5	CAT4	CAN150025	1.27	5	0	0	0	0	0	0	0	0	5	0	5	0	0	
AN681215	0.3	0.5	CAT4	CAN150026	2.14	4	0	0	0	0	0	0	0	0	4	0	4	0	0	
AN681515	0.3	0.5	CAT4	CAN150026	2.22	19	0	0	4	0	9	0	0	0	6	0	6	0	0	
AN681615	0.3	0.5	CAT4	CAN150026	1.23	27	0	0	1	0	17	0	0	0	9	0	9	0	0	
AN681815	0.3	0.5	CAT4	CAN150025	2.12	6	0	0	0	0	0	0	0	0	6	0	6	0	0	
AN681915	0.3	0.5	CAT4	CAN150025	2.61	5	0	0	0	0	0	0	0	0	5	0	5	0	0	
AN682115	0.3	0.5	CAT4	CAN150025	3.27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AN682215	0.3	0.5	CAT4	CAN150025	0.93	5	0	0	0	0	5	0	0	0	0	0	0	0	0	
AN682315	0.3	0.5	CAT4	CAN150025	1.8	1	0	0	0	0	1	0	0	0	0	0	0	0	0	
AN682515	0.3	0.5	CAT4	CAN150026	5.31	1	0	0	0	0	0	0	0	0	1	0	1	0	0	
AN735415	0.3	0.5	CAT4	CAN150025	2.22	10	0	0	0	0	3	0	0	1	6	0	6	0	0	
AN736915	0.3	0.5	CAT4	CAN150026	7.33	6	0	0	0	0	3	0	0	0	3	0	3	0	0	
AN738215	0.3	0.5	CAT4	CAN150025	2.76	38	0	0	10	1	10	0	0	0	17	0	17	0	0	
AN738815	0.3	0.5	CAT4	CAN150025	1.64	10	0	0	0	0	3	0	0	0	7	0	7	0	0	
AN739515	0.3	0.5	CAT4	CAN150025	2.99	25	0	0	8	0	10	1	0	0	6	0	6	0	0	
AN739615	0.3	0.5	CAT4	CAN150025	2.17	2	0	0	0	0	0	0	0	0	2	0	2	0	0	
AN739815	0.3	0.5	CAT4	CAN150026	1.21	5	0	0	0	0	1	0	0	0	4	0	4	0	0	
AN739915	0.3	0.5	CAT4	CAN150025	3.69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AN740015	0.3	0.5	CAT4	CAN150025	1.98	11	0	0	1	0	2	0	1	0	7	0	7	0	0	
<b>Total</b>					<b>95.81</b>	<b>695</b>	<b>0</b>	<b>0</b>	<b>67</b>	<b>1</b>	<b>278</b>	<b>4</b>	<b>7</b>	<b>8</b>	<b>330</b>	<b>0</b>	<b>330</b>	<b>0</b>	<b>0</b>	

**DE BEERS CANADA INC. – EXPLORATION DIVISION**

**GOLDSTAKE EXPLORATIONS INC.  
Visual and Microprobe Results for Samples in  
CAN150025/0026**

**06 JULY 2016**

**DE BEERS CANADA INC. – EXPLORATION DIVISION**

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## DECODING LIST FOR VISUAL KIMBERLITIC INDICATOR MINERAL RESULTS

The following table explains the column headings used in the visual kimberlitic indicator mineral results. Each line in the visual report refers to one size fraction of a single sample unless otherwise noted. Samples are classified using one of two classification types depending on what is requested, either CAT4 (mineral counts only) or Regular Index (detailed classification analysis).

<b>SampleID</b>	The sample number used to identify each sample.
<b>MinSizeID</b>	Minimum size fraction of the heavy mineral concentrate (mm).
<b>MaxSizeID</b>	Maximum size fraction of the heavy mineral concentrate (mm).
<b>ClassTypeID</b>	Mineral Classification scheme used (i.e. CAT4 or INDEX_REG).
<b>ConsignmentID</b>	The number assigned for a batch of samples submitted to a laboratory for analysis.
<b>ArrivalMass</b>	Heavy mineral concentrate weight (gram) of a sample.
<b>GrainTot</b>	Total number of kimberlitic indicator mineral grains reported including doubtful and other grains.
<b>DiaTot</b>	Total number of diamond grains reported.
<b>GoldTot</b>	Total number of gold grains reported.
<b>GaTot</b>	Total number of kimberlitic garnets reported. This total includes peridotitic (both Iherzolitic and harzburgitic paragenesis) and eclogitic grains.
<b>GaDou</b>	Total number of doubtful or ambiguous garnets reported.
<b>IIITot</b>	Total number of kimberlitic ilmenite reported.
<b>IIDou</b>	Total number of doubtful or ambiguous ilmenite reported.
<b>CdTot</b>	Total number of clinopyroxene (CPX) reported as being chrome diopside.
<b>CdDou</b>	Total number of doubtful or ambiguous clinopyroxene (CPX) reported.
<b>SpTot</b>	Total number of kimberlitic spinel (SK), doubtful spinel (SD) and unrelated spinel (SU) reported.
<b>SpK</b>	Total number of kimberlitic spinel (chromite) reported.
<b>SpD</b>	Total number of doubtful, different or ambiguous spinel reported.
<b>SpU</b>	Total number of unrelated spinel reported.
<b>OthTot</b>	Total number of other grains recovered including grains based on request and questionable grains for identification.

Goldstake - CAN150025/0026

Visual KIM Summary

SampleID	MinSizeID	MaxSizeID	ClassTypeID	ConsignmentID	ArrivalMass	GrainTot	DiaTot	GoldTot	GaTot	GaDou	ILTot	ILDou	CdTot	CdDou	SpTot	SpK	SpD	SpU	OthTot	VisualRemark
AN670915	0.3	0.5	CAT4	CAN150026	4.12	13	0	0	2	0	2	0	0	0	9	0	9	0	0	
AN675215	0.3	0.5	CAT4	CAN150025	1.79	15	0	0	0	0	3	0	0	0	12	0	12	0	0	
AN675415	0.3	0.5	CAT4	CAN150025	4.82	16	0	0	0	0	0	0	0	0	16	0	16	0	0	1 olivine stored in a vial with sample
AN675515	0.3	0.5	CAT4	CAN150025	2.05	4	0	0	0	0	0	0	0	0	4	0	4	0	0	
AN675815	0.3	0.5	CAT4	CAN150025	1.16	3	0	0	0	0	0	0	0	0	3	0	3	0	0	
AN675915	0.3	0.5	CAT4	CAN150025	2.35	12	0	0	1	0	0	0	0	0	11	0	11	0	0	
AN676015	0.3	0.5	CAT4	CAN150026	2.59	21	0	0	0	0	0	3	0	0	18	0	18	0	0	
AN676615	0.3	0.5	CAT4	CAN150025	2.84	171	0	0	14	0	93	0	0	3	61	0	61	0	0	1 olivine stored in a vial with sample
AN676715	0.3	0.5	CAT4	CAN150026	1.55	14	0	0	1	0	7	0	1	0	5	0	5	0	0	
AN676815	0.3	0.5	CAT4	CAN150025	0.92	1	0	0	0	0	0	0	0	0	1	0	1	0	0	
AN676915	0.3	0.5	CAT4	CAN150025	3.09	87	0	0	18	0	6	0	2	3	58	0	58	0	0	18 olivine stored in a vial with sample
AN677115	0.3	0.5	CAT4	CAN150025	2.39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AN680115	0.3	0.5	CAT4	CAN150026	0.98	10	0	0	0	0	2	0	0	0	8	0	8	0	0	
AN680215	0.3	0.5	CAT4	CAN150025	2.54	19	0	0	1	0	11	0	2	0	5	0	5	0	0	
AN680315	0.3	0.5	CAT4	CAN150025	2.51	9	0	0	0	0	3	0	0	1	5	0	5	0	0	1 olivine stored in a vial with sample
AN680415	0.3	0.5	CAT4	CAN150025	3.3	12	0	0	0	0	12	0	0	0	0	0	0	0	0	
AN680515	0.3	0.5	CAT4	CAN150025	2.82	5	0	0	1	0	0	0	0	0	4	0	4	0	0	
AN680815	0.3	0.5	CAT4	CAN150026	1.74	103	0	0	5	0	75	0	1	0	22	0	22	0	0	
AN680915	0.3	0.5	CAT4	CAN150025	3.36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AN681115	0.3	0.5	CAT4	CAN150025	1.27	5	0	0	0	0	0	0	0	0	5	0	5	0	0	
AN681215	0.3	0.5	CAT4	CAN150026	2.14	4	0	0	0	0	0	0	0	0	4	0	4	0	0	
AN681515	0.3	0.5	CAT4	CAN150026	2.22	19	0	0	4	0	9	0	0	0	6	0	6	0	0	
AN681615	0.3	0.5	CAT4	CAN150026	1.23	27	0	0	1	0	17	0	0	0	9	0	9	0	0	
AN681815	0.3	0.5	CAT4	CAN150025	2.12	6	0	0	0	0	0	0	0	0	6	0	6	0	0	
AN681915	0.3	0.5	CAT4	CAN150025	2.61	5	0	0	0	0	0	0	0	0	5	0	5	0	0	
AN682115	0.3	0.5	CAT4	CAN150025	3.27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AN682215	0.3	0.5	CAT4	CAN150025	0.93	5	0	0	0	0	5	0	0	0	0	0	0	0	0	
AN682315	0.3	0.5	CAT4	CAN150025	1.8	1	0	0	0	0	1	0	0	0	0	0	0	0	0	
AN682515	0.3	0.5	CAT4	CAN150026	5.31	1	0	0	0	0	0	0	0	0	1	0	1	0	0	
AN735415	0.3	0.5	CAT4	CAN150025	2.22	10	0	0	0	0	3	0	0	1	6	0	6	0	0	
AN736915	0.3	0.5	CAT4	CAN150026	7.33	6	0	0	0	0	3	0	0	0	3	0	3	0	0	
AN738215	0.3	0.5	CAT4	CAN150025	2.76	38	0	0	10	1	10	0	0	0	17	0	17	0	0	
AN738815	0.3	0.5	CAT4	CAN150025	1.64	10	0	0	0	0	3	0	0	0	7	0	7	0	0	
AN739515	0.3	0.5	CAT4	CAN150025	2.99	25	0	0	8	0	10	1	0	0	6	0	6	0	0	
AN739615	0.3	0.5	CAT4	CAN150025	2.17	2	0	0	0	0	0	0	0	0	2	0	2	0	0	
AN739815	0.3	0.5	CAT4	CAN150026	1.21	5	0	0	0	0	1	0	0	0	4	0	4	0	0	
AN739915	0.3	0.5	CAT4	CAN150025	3.69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AN740015	0.3	0.5	CAT4	CAN150025	1.98	11	0	0	1	0	2	0	1	0	7	0	7	0	0	
<b>Total</b>					<b>95.81</b>	<b>695</b>	<b>0</b>	<b>0</b>	<b>67</b>	<b>1</b>	<b>278</b>	<b>4</b>	<b>7</b>	<b>8</b>	<b>330</b>	<b>0</b>	<b>330</b>	<b>0</b>	<b>0</b>	

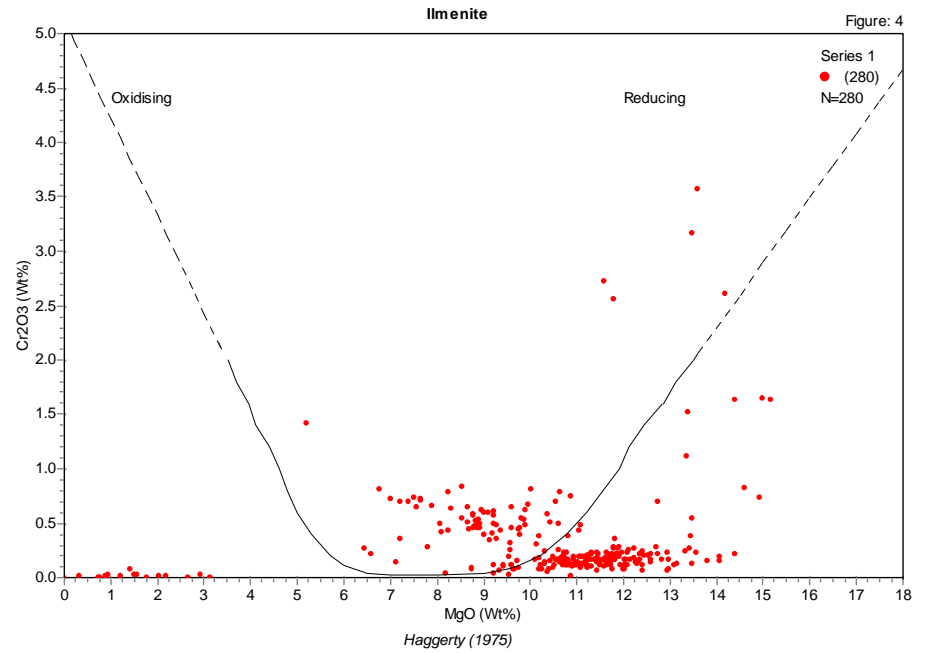
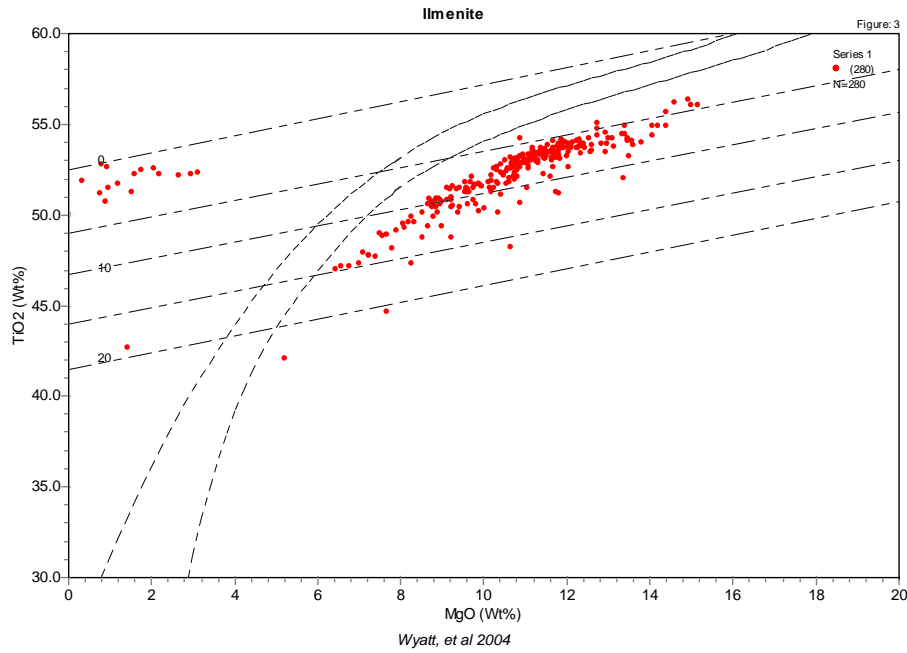
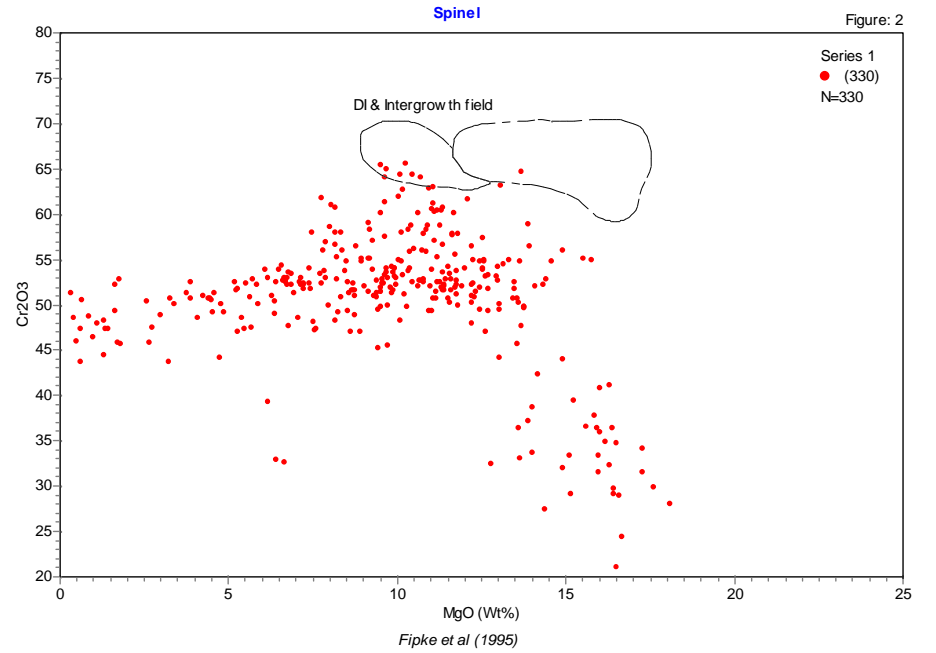
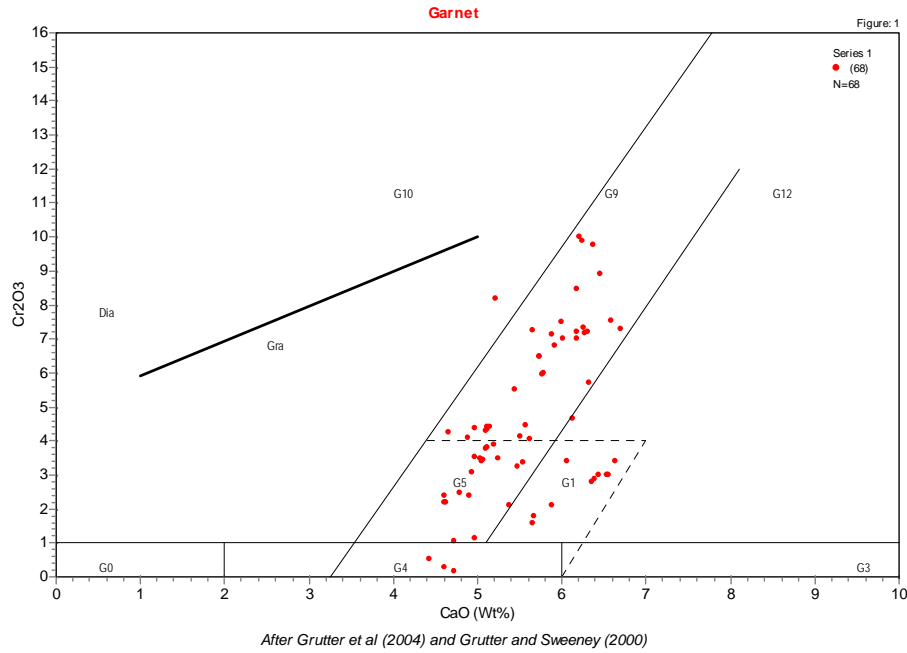
## DECODING LIST FOR MICROPROBE RESULTS

The following table explains the column headings used in the microprobe results. Each line in the microprobe report refers to one size fraction of a single sample unless otherwise noted.

<b>ORIGINATOR</b>	The consignment number consigned to the samples.
<b>SAMPLE</b>	The sample number used to identify each sample.
<b>MOUNT</b>	The microprobe mount number.
<b>GRN</b>	The microprobe grain number, the position of the grain on the mount.
<b>ANALYSIS_TYPE</b>	C = Core    R = Rim    I = Inclusion
<b>SIZE</b>	Size fraction of concentrate grains extracted from (e.g. 0.3 refers to - 0.5+0.3mm).
<b>VI</b>	Minerals identified from visual analysis : Cd = Clinopyroxene    Ga = Garnet    Il = Ilmenite    Sp = Spinel Ol = Olivine            Ot = Other than kimberlitic indicators



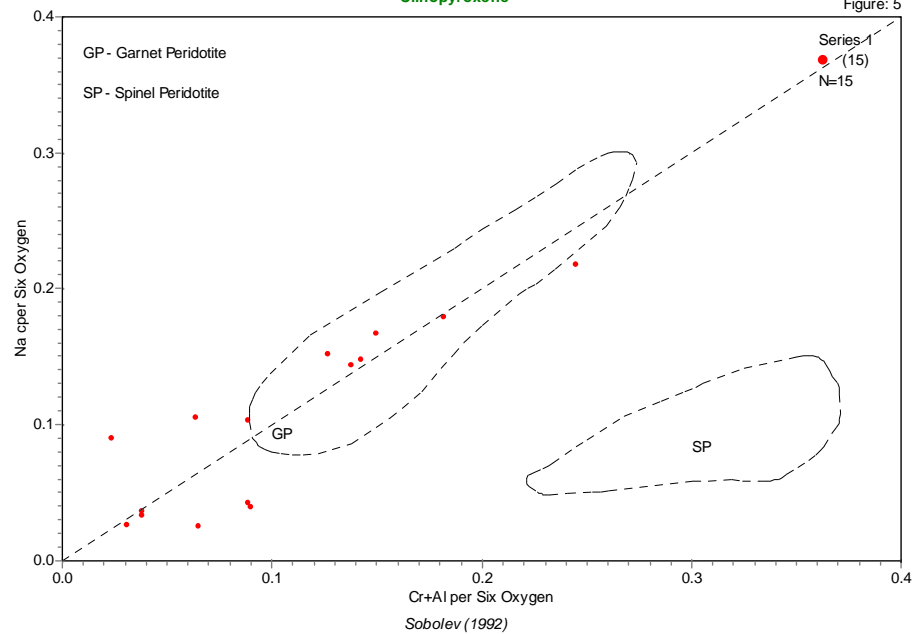
# Goldstake Samples - CAN150025/0026



# Goldstake Samples - CAN150025/0026

## Clinopyroxene

Figure: 5



**Goldstake - CAN150025/0026**  
**Microprobe Analysis Report**

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN150026	AN670915	1	1	C	0.3	0.45	0.01	20.75	7.45	41.23	0.02	4.65	4.25	20.73	0.02	99.56	Ga
CAN150026	AN670915	1	2	C	0.3	0.35	0.11	18.12	6.64	41.35	0.92	5.78	5.99	20.36	0.04	99.66	Ga
CAN150026	AN670915	1	3	C	0.3	0.25	0.06	0.52	32.65	0	53.92	0.02	0.17	12.03	0.02	99.64	II
CAN150026	AN670915	1	4	C	0.3	0.27	0.06	0.44	33.78	0	53.39	0.03	0.22	11.28	0.07	99.54	II
CAN150026	AN670915	1	5	C	0.3	0.27	0.07	14.98	19	0.06	0.39	0	51.97	12.47	0.03	99.24	Sp
CAN150026	AN670915	1	6	C	0.3	0.38	0.02	12.43	24.29	0.06	0.26	0.01	52.42	9.56	0.13	99.56	Sp
CAN150026	AN670915	1	7	C	0.3	0.28	0	12.36	22.22	0	0.32	0	54.87	10.05	0.13	100.23	Sp
CAN150026	AN670915	1	8	C	0.3	0.29	0.01	12.84	28.05	0.09	0.43	0	51.55	5.22	0.13	98.61	Sp
CAN150026	AN670915	1	9	C1	0.3	0.27	0.09	14.12	23.44	0.12	0.33	0	51.55	9.89	0.14	99.95	Sp
CAN150026	AN670915	1	10	C	0.3	0.43	0.02	12.76	37.21	0.03	2.2	0	39.26	6.16	0.21	98.28	Sp
CAN150026	AN670915	1	11	C	0.3	0.19	0.06	33.96	13.46	0.02	0	0	35.91	16.03	0.29	99.92	Sp
CAN150026	AN670915	1	12	C1	0.3	0.39	0.03	13.09	25.36	0.03	0.32	0	51.51	9.17	0.08	99.98	Sp
CAN150026	AN670915	1	13	C1	0.3	0.19	0	28.75	21.73	0.08	1.25	0	32.04	14.92	0.12	99.08	Sp
CAN150025	AN675215	1	133	C	0.3	0.25	0.04	0.11	39.5	0	48.77	0.02	0.57	9.22	0.03	98.51	II
CAN150025	AN675215	1	134	C	0.3	0.26	0.04	0.58	34.15	0	53.22	0.02	0.19	11.12	0.03	99.61	II
CAN150025	AN675215	1	135	C	0.3	0.29	0	0.13	39.86	0.01	49.37	0.01	0.64	8.67	0.05	99.03	II
CAN150025	AN675215	1	136	C1	0.3	0.59	0.06	15.25	29.93	0.01	0.79	0	47.01	5.25	0.41	99.3	Sp
CAN150025	AN675215	1	137	C	0.3	0.41	0	3.8	25.21	0	1.39	0.01	58.98	9.13	0.17	99.1	Sp
CAN150025	AN675215	1	138	C	0.3	1.74	0.08	11.06	35.58	0.03	0.32	0	48.65	0.84	0.82	99.12	Sp
CAN150025	AN675215	1	139	C1	0.3	0.48	0.13	12.29	28.69	0.76	0.45	0	50.13	5.87	0.19	98.99	Sp
CAN150025	AN675215	1	140	C	0.3	0.56	0.01	13.47	25.22	0.16	0.29	0.02	52.36	7.24	0.29	99.62	Sp
CAN150025	AN675215	1	141	C	0.3	0.55	0.04	14.3	31.27	0.04	0.57	0	48.55	4.08	0.33	99.73	Sp
CAN150025	AN675215	1	142	C	0.3	0.16	0	34.56	16.01	0.18	0.75	0	29.8	17.6	0.09	99.15	Sp
CAN150025	AN675215	1	143	C	0.3	0.49	0.02	10.82	31.72	0	1.4	0	47.68	6.8	0.06	98.99	Sp
CAN150025	AN675215	1	144	C	0.3	0.18	0.01	27.64	18.24	0.14	1.2	0	34.83	16.19	0.07	98.5	Sp
CAN150025	AN675215	1	145	C	0.3	0.26	0.03	12.82	19.2	0.07	0.28	0	54.94	12.24	0.11	99.95	Sp
CAN150025	AN675215	1	146	C	0.3	0.18	0.09	26.74	25.63	0.08	0.65	0	32.45	12.78	0.07	98.67	Sp
CAN150025	AN675215	1	147	C	0.3	0.51	0.1	12.51	28.9	0.07	0.42	0	51.74	5.27	0.2	99.72	Sp
CAN150025	AN675415	1	148	C	0.3	0.22	0.03	26.16	17.67	0.11	1.12	0	37.7	15.87	0.04	98.92	Sp
CAN150025	AN675415	1	149	C	0.3	0.19	0	28.76	24.74	0.08	2.57	0.01	27.45	14.39	0.11	98.3	Sp
CAN150025	AN675415	1	150	C	0.3	0.23	0.01	13.75	14.17	0.16	0.3	0	55.98	14.93	0.07	99.6	Sp
CAN150025	AN675415	1	151	C	0.3	0.78	0.07	11.73	36.93	0.09	0.46	0	45.9	0.47	3.08	99.51	Sp
CAN150025	AN675415	1	152	C	0.3	0.31	0.06	13.69	28.36	0.02	0.71	0	45.52	9.72	0.12	98.51	Sp
CAN150025	AN675415	1	153	C	0.3	0.2	0.04	39.13	20.06	0.11	1.09	0	21.13	16.49	0.09	98.34	Sp
CAN150025	AN675415	1	154	C	0.3	0.32	0.02	12.17	21.37	0.06	0.41	0	53.82	11.04	0.13	99.34	Sp
CAN150025	AN675415	1	155	C	0.3	0.15	0	37.63	18.91	0.15	0.95	0	24.41	16.68	0.09	98.97	Sp
CAN150025	AN675415	1	156	C	0.3	0.18	0.01	25.21	19.01	0.15	2.14	0	36.54	15.61	0.09	98.94	Sp
CAN150025	AN675415	1	157	C	0.3	1.25	0.09	12.23	35.36	0.03	0.34	0	47.4	0.63	2.24	99.57	Sp
CAN150025	AN675415	1	158	C	0.3	0.25	0	16.97	25.83	0.18	0.23	0.01	47.04	8.92	0.04	99.47	Sp
CAN150025	AN675415	1	159	C	0.3	0.72	0.02	0.08	46.86	0.03	51.75	0	0.01	1.21	0.05	100.73	Sp
CAN150025	AN675415	1	160	C	0.3	0.43	0.03	13.46	25.79	0	0.17	0	52.26	7.24	0.4	99.78	Sp
CAN150025	AN675415	1	161	C	0.3	0.16	0	37.6	14.36	0.15	0.36	0	28	18.1	0.03	98.76	Sp
CAN150025	AN675415	1	162	C	0.3	0.43	0.07	12.86	25.73	0.07	0.22	0	53.82	6.48	0.35	100.03	Sp
CAN150025	AN675515	1	164	C	0.3	0.29	0	16.5	18.02	0.12	0.44	0	49.71	13.76	0.11	98.95	Sp
CAN150025	AN675515	1	165	C	0.3	0.26	0.03	13.56	17.77	0.11	0.26	0	54.73	12.6	0.09	99.41	Sp
CAN150025	AN675515	1	166	C	0.3	0.21	0.07	24.83	23.82	0.1	2.25	0.01	33.62	14.02	0.11	99.04	Sp
CAN150025	AN675515	1	167	C	0.3	0.33	0.04	9.53	24.96	0.07	0.71	0.01	52.59	10.68	0.14	99.06	Sp
CAN150025	AN675815	1	171	C	0.3	0.25	0.02	16.13	20.12	0.07	0.49	0	49.54	12.47	0.08	99.17	Sp
CAN150025	AN675815	1	172	C	0.3	0.16	0.02	29.4	15.86	0.09	0.71	0	36.39	16.39	0.13	99.15	Sp
CAN150025	AN675815	1	173	C	0.3	0.2	0	32.97	18.34	0.13	1.05	0	28.93	16.59	0.08	98.29	Sp

**Goldstake - CAN150025/0026**  
**Microprobe Analysis Report**

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN150025	AN675915	1	174	C	0.3	0.4	0	17.69	7.56	41.32	0.11	6.7	7.31	19.12	0	100.21	Ga
CAN150025	AN675915	1	175	C	0.3	0.32	0.03	5.38	20.99	0.07	0.23	0.01	61.1	11.05	0.03	99.21	Sp
CAN150025	AN675915	1	176	C	0.3	1.7	0.05	11.2	35.03	0.11	0.14	0	48.52	0.4	2.89	100.04	Sp
CAN150025	AN675915	1	177	C	0.3	0.32	0.02	8.42	19.93	0.02	0.09	0	60.17	10.63	0.12	99.72	Sp
CAN150025	AN675915	1	178	C	0.3	0.65	0.12	11.92	30.7	0.02	0.63	0.01	50.12	4.76	0.41	99.34	Sp
CAN150025	AN675915	1	179	C	0.3	0.38	0.05	13.12	23.05	0.02	0.8	0.02	52.42	9.62	0.17	99.65	Sp
CAN150025	AN675915	1	180	C	0.3	0.31	0.07	11.5	24.32	0.03	0.61	0	52.75	9.56	0.14	99.29	Sp
CAN150025	AN675915	1	181	C	0.3	0.26	0	11.05	23.39	0.11	0.59	0.01	52.47	11.28	0.07	99.23	Sp
CAN150025	AN675915	1	182	C	0.3	0.51	0.05	13.14	25.66	0.14	0.36	0	52.17	6.75	0.23	99.01	Sp
CAN150025	AN675915	1	183	C	0.3	0.47	0	12.84	28.76	0.05	0.46	0.01	50.35	6.39	0.12	99.45	Sp
CAN150025	AN675915	1	184	C	0.3	0.23	0	25.67	22.42	0.06	0.43	0	36.48	13.59	0.07	98.95	Sp
CAN150025	AN675915	1	185	C	0.3	0.32	0	15.17	19.1	0.03	0.32	0	53.99	10.38	0.18	99.49	Sp
CAN150026	AN676015	1	14	C1	0.3	0.81	0.07	0.04	47.06	0.02	51.2	0.01	0	0.75	0.05	100.01	II
CAN150026	AN676015	1	15	C	0.3	0.75	0	0.07	45.9	0.02	51.46	0.02	0.02	0.95	0.03	99.22	II
CAN150026	AN676015	1	16	C	0.3	0.28	0.04	0.4	38.81	0	50.4	0.02	0.09	8.75	0.02	98.81	II
CAN150026	AN676015	1	17	C1	0.3	1.48	0.01	9.81	38.58	0.07	1.87	0	45.66	1.81	0.2	99.49	Sp
CAN150026	AN676015	1	18	C1	0.3	0.62	0.02	10.68	31.65	0.09	0.4	0.01	51.29	4.58	0.59	99.93	Sp
CAN150026	AN676015	1	19	C	0.3	0.41	0	14.41	23.58	0.1	0.35	0	53.79	7.84	0.16	100.64	Sp
CAN150026	AN676015	1	20	C2	0.3	0.45	0.06	13.15	26.54	0.09	0.34	0	52.91	6.18	0.26	99.98	Sp
CAN150026	AN676015	1	21	C	0.3	0.99	0	13.24	29.97	0.05	0.46	0	50.75	3.88	0.54	99.88	Sp
CAN150026	AN676015	1	22	C	0.3	0.23	0.05	28.1	17.41	0.11	1.44	0.02	36.37	15.95	0.08	99.76	Sp
CAN150026	AN676015	1	23	C	0.3	0.23	0	13.44	18.79	0.14	0.29	0.01	54.83	12.44	0.12	100.29	Sp
CAN150026	AN676015	1	24	C	0.3	0.25	0	13.97	20.78	0.08	0.31	0.01	52.77	11.44	0.1	99.71	Sp
CAN150026	AN676015	1	25	C	0.3	0.23	0.03	20.1	18.03	0.08	1.99	0.01	43.95	14.92	0.02	99.36	Sp
CAN150026	AN676015	1	26	C	0.3	0.52	0	13.72	27.99	0.05	0.43	0	50.91	5.64	0.77	100.03	Sp
CAN150026	AN676015	1	27	C1	0.3	0.47	0.02	11.35	28.03	0.1	0.23	0.01	53.82	6.09	0.37	100.49	Sp
CAN150026	AN676015	1	28	C	0.3	1.58	0.01	10	35.53	0.11	0.37	0	50.54	0.64	1.13	99.91	Sp
CAN150026	AN676015	1	29	C	0.3	1.11	0.07	14.51	33.92	0.03	0.63	0	47.4	1.44	1.17	100.28	Sp
CAN150026	AN676015	1	30	C	0.3	0.26	0.06	15.38	17.2	0.11	0.41	0	52.55	13.47	0.08	99.52	Sp
CAN150026	AN676015	1	31	C	0.3	0.77	0	4.28	40.88	0.07	0.12	0	48.86	2.98	0.38	98.34	Sp
CAN150026	AN676015	1	32	C	0.3	0.44	0.06	14.5	24.65	0.05	0.38	0	52.17	7.13	0.23	99.61	Sp
CAN150026	AN676015	1	33	C	0.3	0.28	0.06	15.39	34.59	0.02	0.61	0.01	45.85	1.73	0.87	99.41	Sp
CAN150026	AN676015	1	34	C	0.3	0.44	0.02	14.96	25.44	0.01	0.44	0.01	51.28	6.96	0.32	99.88	Sp
CAN150025	AN676615	3	88	C	0.3	0.3	0.05	19.6	7.01	41.97	0.46	4.96	4.39	21.19	0.05	99.98	Ga
CAN150025	AN676615	3	89	C	0.3	0.37	0.05	17.9	7.18	41.06	0.39	6.18	7	19.7	0.05	99.88	Ga
CAN150025	AN676615	3	90	C	0.3	0.32	0.13	21.83	10.49	41.89	0.85	4.43	0.51	20.07	0.06	100.58	Ga
CAN150025	AN676615	3	91	C	0.3	0.33	0.1	20.83	10.78	41.68	1.07	4.97	1.14	19.56	0.03	100.49	Ga
CAN150025	AN676615	3	92	C	0.3	0.38	0.03	21.56	8.41	41.88	0.18	4.61	2.17	20.59	0	99.81	Ga
CAN150025	AN676615	3	93	C	0.3	0.42	0.04	21.51	8.54	42.33	0.2	4.63	2.19	20.95	0	100.81	Ga
CAN150025	AN676615	3	94	C	0.3	0.41	0.07	17.86	7.26	41.11	0.3	6.26	7.35	19.86	0.01	100.49	Ga
CAN150025	AN676615	3	95	C	0.3	0.39	0.08	17.58	7.03	40.97	0.3	6.18	7.22	19.74	0.04	99.53	Ga
CAN150025	AN676615	3	96	C	0.3	0.3	0.06	20.36	6.41	42.1	0.25	4.88	4.09	21.82	0.01	100.28	Ga
CAN150025	AN676615	3	97	C	0.3	0.66	0.03	20.41	14.55	40.44	0.05	6.44	2.98	15.17	0.02	100.75	Ga
CAN150025	AN676615	3	98	C	0.3	0.66	0.05	20.42	14.54	40.39	0.06	6.55	3	14.98	0.05	100.7	Ga
CAN150025	AN676615	3	99	C	0.3	0.4	0.06	17.88	7.2	41.28	0.31	6.3	7.23	19.81	0.05	100.52	Ga
CAN150025	AN676615	3	100	C	0.3	0.36	0.19	15.6	7.32	40.64	1.15	6.45	8.9	19.74	0.03	100.38	Ga
CAN150025	AN676615	3	101	C	0.3	0.4	0.02	17.88	7.19	41.29	0.3	6.28	7.15	19.82	0.01	100.34	Ga
CAN150025	AN676615	3	102	C	0.3	0.25	0.07	0.57	34.33	0.01	53.23	0.03	0.15	11.2	0.08	99.92	II
CAN150025	AN676615	3	103	C	0.3	0.27	0.07	0.48	37.33	0.05	51.28	0.01	0.11	9.61	0.07	99.28	II
CAN150025	AN676615	3	104	C	0.3	0.26	0.03	0.56	34.43	0.07	52.94	0.04	0.18	11.27	0.02	99.8	II

**Goldstake - CAN150025/0026**  
**Microprobe Analysis Report**

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN150025	AN676615	3	105	C	0.3	0.23	0.01	0.62	33.5	0.01	53.47	0.03	0.22	11.68	0	99.77	II
CAN150025	AN676615	3	106	C	0.3	0.31	0.09	0.12	38.84	0.02	50.89	0.01	0.46	8.93	0	99.67	II
CAN150025	AN676615	3	107	C	0.3	0.29	0.09	0.55	31.25	0.01	54.15	0.03	0.13	13.47	0	99.97	II
CAN150025	AN676615	3	108	C	0.3	0.29	0	0.57	35.79	0	52.13	0.02	0.13	10.72	0	99.65	II
CAN150025	AN676615	3	109	C	0.3	0.29	0.05	0.58	32.51	0.03	53.46	0.03	0.14	12.58	0.01	99.68	II
CAN150025	AN676615	3	110	C	0.3	0.27	0.03	0.18	38.94	0	50.47	0.02	0.57	8.78	0.04	99.3	II
CAN150025	AN676615	3	111	C	0.3	0.26	0.05	0.53	33.81	0.03	53.14	0.03	0.18	11.44	0.01	99.48	II
CAN150025	AN676615	3	112	C	0.3	0.28	0	0.48	34.27	0.01	52.93	0.02	0.48	11.07	0.05	99.59	II
CAN150025	AN676615	3	113	C	0.3	0.23	0.04	0.61	32.24	0.04	53.45	0.01	0.06	12.95	0.03	99.66	II
CAN150025	AN676615	3	114	C	0.3	0.29	0	0.2	39.58	0	49.91	0.02	0.43	8.25	0	98.68	II
CAN150025	AN676615	3	115	C	0.3	0.27	0.09	0.48	33.61	0.02	53.44	0.04	0.14	11.45	0.1	99.64	II
CAN150025	AN676615	3	116	C	0.3	0.27	0	0.42	37.27	0.04	51.53	0.02	0.1	9.43	0.02	99.1	II
CAN150025	AN676615	3	117	C	0.3	0.29	0.07	0.49	33.81	0.03	53.49	0.01	0.13	11.2	0.05	99.57	II
CAN150025	AN676615	3	118	C	0.3	0.25	0.01	0.52	34.7	0	53.08	0.04	0.17	10.8	0.06	99.63	II
CAN150025	AN676615	3	119	C	0.3	0.22	0.04	0.5	33.11	0	53.8	0.04	0.1	12.03	0.02	99.86	II
CAN150025	AN676615	3	120	C	0.3	0.22	0.01	0.56	35.14	0.03	53.17	0.02	0.18	10.66	0.05	100.04	II
CAN150025	AN676615	3	121	C	0.3	0.28	0	18.85	15.81	0	0.08	0	50.75	13.44	0.2	99.41	II
CAN150025	AN676615	3	122	C	0.3	0.28	0.07	0.52	33.58	0.04	53.28	0.02	0.13	11.71	0	99.63	II
CAN150025	AN676615	3	123	C	0.3	0.28	0.14	0.55	33.49	0	53.33	0.03	0.17	11.75	0.01	99.75	II
CAN150025	AN676615	3	124	C	0.3	0.26	0.15	0.52	33.92	0.03	53.44	0.03	0.17	11.33	0.06	99.91	II
CAN150025	AN676615	3	125	C	0.3	0.24	0.11	0.5	34.65	0.01	52.84	0.02	0.17	10.82	0.04	99.4	II
CAN150025	AN676615	3	126	C	0.3	0.26	0.08	0.62	34.65	0.01	53.19	0.02	0.19	10.95	0.05	100.02	II
CAN150025	AN676615	3	127	C	0.3	0.26	0.06	0.48	36.73	0.03	51.76	0.02	0.07	9.67	0.04	99.12	II
CAN150025	AN676615	3	128	C	0.3	0.28	0.04	0.21	38.57	0.03	50.41	0.01	0.52	8.84	0.03	98.94	II
CAN150025	AN676615	3	129	C	0.3	0.26	0.07	0.19	36.88	0	51.3	0.01	0.38	10.19	0.08	99.36	II
CAN150025	AN676615	3	130	C	0.3	0.23	0.02	0.64	34.02	0	53.13	0.03	0.2	11.72	0.02	100.01	II
CAN150025	AN676615	3	131	C	0.3	0.25	0	0.55	34.11	0.01	53.13	0.04	0.12	11.73	0.07	100.01	II
CAN150025	AN676615	3	132	C	0.3	0.25	0.08	0.46	35.25	0.05	52.98	0.01	0.11	10.51	0	99.7	II
CAN150025	AN676615	3	133	C	0.3	0.3	0	0.17	38.92	0	50.73	0.01	0.46	8.77	0.05	99.41	II
CAN150025	AN676615	3	134	C	0.3	0.67	0.03	0.03	45.56	0	52.25	0	0.02	1.58	0	100.14	II
CAN150025	AN676615	3	135	C	0.3	0.23	0	0.55	35.66	0.02	52.52	0.03	0.16	10.64	0.04	99.85	II
CAN150025	AN676615	3	136	C	0.3	0.29	0.06	0.43	34.09	0.04	53.35	0.02	0.09	11.24	0.03	99.64	II
CAN150025	AN676615	3	137	C	0.3	0.25	0.13	0.41	34.38	0.01	53.37	0.03	0.12	11.22	0	99.92	II
CAN150025	AN676615	3	138	C	0.3	0.27	0.06	0.48	31.65	0	53.79	0.05	0.13	13.15	0.01	99.59	II
CAN150025	AN676615	3	139	C	0.3	0.25	0.03	0.18	38.71	0.03	50.16	0.02	0.48	8.88	0.05	98.79	II
CAN150025	AN676615	3	140	C	0.3	0.26	0.05	0.51	34.38	0.1	53.27	0.03	0.11	10.89	0.03	99.63	II
CAN150025	AN676615	3	141	C	0.3	0.29	0.01	0.59	32.9	0.02	53.66	0.05	0.14	12.28	0.02	99.96	II
CAN150025	AN676615	3	142	C	0.3	0.22	0	0.79	35.63	0.05	50.69	0.02	0.75	10.88	0	99.03	II
CAN150025	AN676615	3	143	C	0.3	0.27	0.01	0.53	34.54	0.02	53.1	0.02	0.13	10.75	0.01	99.38	II
CAN150025	AN676615	3	144	C	0.3	0.26	0.05	0.6	33.82	0.04	53.34	0.04	0.23	11.45	0.05	99.88	II
CAN150025	AN676615	3	145	C	0.3	0.24	0.08	0.5	35.44	0	52.64	0.03	0.13	10.32	0	99.38	II
CAN150025	AN676615	3	146	C	0.3	0.29	0	0.53	35.54	0	52.47	0.02	0.14	10.33	0.02	99.34	II
CAN150025	AN676615	3	147	C	0.3	0.29	0.03	0.4	35.07	0.04	52.52	0.01	0.09	11.08	0.03	99.56	II
CAN150025	AN676615	3	148	C	0.3	0.33	0.02	0.57	29.64	0	54.91	0.07	0.21	14.39	0.03	100.17	II
CAN150025	AN676615	3	149	C	0.3	0.27	0.04	0.46	35.8	0.03	51.93	0.03	0.16	10.74	0.06	99.52	II
CAN150025	AN676615	3	150	C	0.3	0.31	0.11	0.53	34.39	0.03	53.54	0.01	0.13	11.17	0.02	100.24	II
CAN150025	AN676615	3	151	C	0.3	0.24	0.04	0.47	34.42	0.01	53.48	0.03	0.12	11.2	0.07	100.08	II
CAN150025	AN676615	3	152	C	0.3	0.25	0.06	0.51	35.54	0	52.52	0.01	0.11	10.24	0.04	99.28	II
CAN150025	AN676615	3	153	C	0.3	0.28	0.09	0.3	37.35	0	51.42	0.02	0.32	9.58	0.03	99.39	II
CAN150025	AN676615	3	154	C	0.3	0.28	0.01	0.23	38.19	0.02	50.94	0.04	0.61	9.21	0.03	99.56	II

**Goldstake - CAN150025/0026**  
**Microprobe Analysis Report**

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN150025	AN676615	3	155	C	0.3	0.29	0	0.21	37.5	0.01	51.43	0.02	0.45	9.62	0	99.53	II
CAN150025	AN676615	3	156	C	0.3	0.23	0.05	0.42	34.89	0	52.29	0.03	0.06	11.44	0.01	99.42	II
CAN150025	AN676615	3	157	C	0.3	0.28	0.06	0.19	38.03	0	50.8	0.02	0.5	9.21	0.07	99.16	II
CAN150025	AN676615	3	158	C	0.3	0.26	0.06	0.1	41.29	0.02	48.86	0.01	0.64	7.57	0.04	98.85	II
CAN150025	AN676615	3	159	C	0.3	0.28	0	0.1	41.27	0.03	49.02	0.01	0.73	7.5	0.04	98.98	II
CAN150025	AN676615	3	160	C	0.3	0.24	0.05	0.58	32.83	0.02	53.7	0.02	0.21	11.9	0.03	99.58	II
CAN150025	AN676615	3	161	C	0.3	0.31	0.03	0.5	31.71	0.02	53.91	0.08	0.16	12.83	0.01	99.56	II
CAN150025	AN676615	3	162	C	0.3	0.23	0	0.44	35.84	0	52.17	0.01	0.19	10.48	0.03	99.39	II
CAN150025	AN676615	3	163	C	0.3	0.28	0.02	0.63	33.26	0.01	53.53	0.02	0.23	11.64	0.05	99.67	II
CAN150025	AN676615	3	164	C	0.3	0.27	0	0.55	35.41	0.03	52.39	0.02	0.16	10.56	0.04	99.43	II
CAN150025	AN676615	3	165	C	0.3	0.24	0.07	0.56	32.74	0	53.84	0.03	0.23	12.09	0	99.8	II
CAN150025	AN676615	3	166	C	0.3	0.23	0.08	0.59	32.18	0.01	53.83	0.05	0.21	12.59	0.02	99.79	II
CAN150025	AN676615	3	167	C	0.3	0.25	0.01	0.6	32.79	0	54.06	0.03	0.19	11.92	0	99.85	II
CAN150025	AN676615	3	168	C	0.3	0.24	0.1	0.55	34.74	0.1	52.98	0.03	0.14	10.81	0	99.69	II
CAN150025	AN676615	3	169	C	0.3	0.29	0.07	0.47	34.87	0.05	52.67	0.02	0.13	10.86	0.05	99.48	II
CAN150025	AN676615	3	170	C	0.3	0.3	0.01	0.5	33.01	0.01	54.08	0.02	0.14	11.67	0.05	99.79	II
CAN150025	AN676615	3	171	C	0.3	0.26	0.01	0.51	35.48	0.02	52.11	0.02	0.15	10.81	0.02	99.39	II
CAN150025	AN676615	3	172	C	0.3	0.26	0.08	0.5	34.29	0	53.02	0.04	0.13	11.14	0.02	99.48	II
CAN150025	AN676615	3	173	C	0.3	0.28	0.05	0.52	34.39	0	53.22	0.06	0.16	11.26	0	99.94	II
CAN150025	AN676615	3	174	C	0.3	0.28	0.03	0.51	33.5	0.03	53.44	0.02	0.1	11.6	0.02	99.53	II
CAN150025	AN676615	3	175	C	0.3	0.27	0.08	0.45	36.52	0.02	51.81	0.01	0.16	10.12	0.02	99.46	II
CAN150025	AN676615	3	176	C	0.3	0.23	0.1	0.55	26.17	0.01	56.05	0.02	1.63	15.16	0	99.92	II
CAN150025	AN676615	3	177	C	0.3	0.23	0.05	0.59	26.05	0.02	56.03	0.03	1.64	14.99	0	99.63	II
CAN150025	AN676615	3	178	C	0.3	0.28	0.04	0.4	33.56	0.01	52.66	0.03	0.11	12.04	0.06	99.19	II
CAN150025	AN676615	3	179	C	0.3	0.22	0.15	0.59	34.42	0	52.68	0.01	0.19	11.07	0.04	99.37	II
CAN150025	AN676615	3	180	C	0.3	0.28	0	0.38	36.78	0.03	51.49	0.02	0.31	10.14	0.05	99.48	II
CAN150025	AN676615	3	181	C	0.3	0.31	0.05	0.11	42.42	0	47.73	0.02	0.69	7.39	0.03	98.75	II
CAN150025	AN676615	3	182	C	0.3	0.27	0.1	0.58	30.82	0.07	54.45	0.04	0.24	13.32	0	99.89	II
CAN150025	AN676615	3	183	C	0.3	0.24	0	0.56	32.54	0.02	53.77	0.03	0.25	12.12	0.05	99.58	II
CAN150025	AN676615	3	184	C	0.3	0.28	0.02	0.6	32.57	0.05	53.76	0.02	0.36	11.81	0.06	99.53	II
CAN150025	AN676615	3	185	C	0.3	0.25	0.02	0.49	37.81	0	51.23	0.02	0.19	9.54	0	99.55	II
CAN150025	AN676615	3	186	C	0.3	0.3	0.01	0.47	33.24	0	53.68	0.03	0.13	11.69	0.06	99.61	II
CAN150025	AN676615	3	187	C	0.3	0.26	0	0.38	33.21	0	53.8	0.03	0.08	11.76	0.07	99.59	II
CAN150025	AN676615	3	188	C	0.3	0.25	0.03	0.46	31.86	0.03	53.93	0.04	0.17	12.97	0.04	99.78	II
CAN150025	AN676615	3	189	C	0.3	0.23	0.11	0.59	32.76	0.01	54.07	0.01	0.27	12.23	0.04	100.32	II
CAN150025	AN676615	3	190	C	0.3	0.27	0.01	0.52	37.23	0.01	51.52	0.04	0.09	9.75	0.03	99.47	II
CAN150025	AN676615	3	191	C	0.3	0.28	0.03	0.48	34.71	0.01	53.02	0.03	0.19	11.06	0.06	99.87	II
CAN150025	AN676615	3	192	C	0.3	0.31	0.01	11.57	18.12	0	0.03	0	57.68	11.63	0.21	99.56	II
CAN150025	AN676615	3	193	C	0.3	0.25	0.07	0.43	35.93	0.01	51.59	0.02	0.67	9.96	0.08	99.01	II
CAN150025	AN676615	3	194	C1	0.3	0.33	0.07	14.42	19.87	0	0.06	0	53.51	11.37	0.21	99.84	II
CAN150025	AN676615	3	195	C	0.3	0.13	1.28	0.1	4.22	54.74	0.08	23.39	0.67	16.18	0.04	100.83	Cd
CAN150025	AN676615	3	196	C	0.3	0.05	1.47	1.06	1.49	54.88	0.13	22.83	1.52	16.71	0.02	100.16	Cd
CAN150025	AN676615	4	1	C	0.3	0.11	1.48	0.24	3.65	54.21	0.43	21.64	1.83	16.28	0	99.87	Cd
CAN150025	AN676615	4	2	C1	0.3	0.46	0.03	11.97	31	0.08	0.36	0.01	50.74	4.43	0.44	99.52	Sp
CAN150025	AN676615	4	3	C	0.3	1.5	0.03	13.01	28.11	0.09	0.36	0	52.55	3.9	0.42	99.97	Sp
CAN150025	AN676615	4	4	C	0.3	0.23	0	19.14	19.7	0.02	0.4	0	47.04	12.63	0.09	99.25	Sp
CAN150025	AN676615	4	5	C	0.3	0.46	0	13.59	25.34	0.06	0.27	0.01	52.5	7.12	0.46	99.81	Sp
CAN150025	AN676615	4	6	C	0.3	0.3	0.02	10.35	25.45	0.07	0.6	0	51.97	9.79	0.11	98.66	Sp
CAN150025	AN676615	4	7	C	0.3	0.29	0	9.13	21.54	0.09	0.4	0	57.09	11.1	0.09	99.73	Sp
CAN150025	AN676615	4	8	C	0.3	0.31	0.03	9.53	16.05	0.05	0.02	0.01	61.58	12.11	0.17	99.86	Sp

**Goldstake - CAN150025/0026**  
**Microprobe Analysis Report**

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN150025	AN676615	4	9	C	0.3	0.21	0	0.51	32.67	0.01	53.98	0.03	0.17	12.14	0.02	99.74	Sp
CAN150025	AN676615	4	10	C	0.3	0.17	0.02	24.35	18.3	0.11	1.37	0	39.4	15.23	0.07	99.02	Sp
CAN150025	AN676615	4	11	C	0.3	0.3	0	10.68	24.35	0.12	0.47	0.02	52	11	0.04	98.98	Sp
CAN150025	AN676615	4	12	C	0.3	0.28	0.06	5.3	17.15	0.07	0.27	0	63.16	13.06	0.02	99.37	Sp
CAN150025	AN676615	4	13	C	0.3	0.44	0.04	9.94	24.88	0.1	0.44	0	53.83	9.28	0.12	99.07	Sp
CAN150025	AN676615	4	14	C	0.3	0.43	0.01	15.6	26.91	0.02	0.32	0.01	47.05	8.63	0.1	99.08	Sp
CAN150025	AN676615	4	15	C	0.3	0.44	0.05	9.48	27.12	0.01	0.59	0	52.11	9.04	0.21	99.05	Sp
CAN150025	AN676615	4	16	C	0.3	0.35	0.03	12.31	22.53	0.03	0.76	0	53.57	9.87	0.14	99.59	Sp
CAN150025	AN676615	4	17	C	0.3	0.29	0.07	16.3	19.85	0.02	0.11	0.01	50	11.8	0.22	98.67	Sp
CAN150025	AN676615	4	18	C	0.3	0.38	0.09	12.14	18.92	0.07	0.11	0	58.25	10.35	0.3	100.61	Sp
CAN150025	AN676615	4	19	C	0.3	0.41	0.02	10.75	23.61	0.03	0.63	0.01	55.08	9.14	0.13	99.81	Sp
CAN150025	AN676615	4	20	C	0.3	0.34	0.02	16.08	24.4	0	0.25	0	48.24	10.1	0.07	99.5	Sp
CAN150025	AN676615	4	21	C	0.3	0.27	0	13.91	18.72	0.12	0.3	0	53.04	12.93	0.06	99.35	Sp
CAN150025	AN676615	4	22	C	0.3	0.36	0	13.84	20.56	0.01	0.15	0.01	52.5	11.19	0.17	98.79	Sp
CAN150025	AN676615	4	23	C	0.3	0.38	0	15.85	20.39	0	0	0	51.53	11.41	0.31	99.87	Sp
CAN150025	AN676615	4	24	C1	0.3	0.28	0.03	0.4	34.69	0.05	53.07	0.03	0.12	10.78	0.03	99.48	Sp
CAN150025	AN676615	4	25	C	0.3	0.32	0	16.57	20.41	0.01	0.17	0	50.69	11.54	0.26	99.97	Sp
CAN150025	AN676615	4	26	C	0.3	0.36	0.05	14.3	23.11	0.01	0.17	0	49.75	10.31	0.17	98.23	Sp
CAN150025	AN676615	4	27	C	0.3	0.45	0.04	8.39	26.72	0.06	1.56	0	53.72	8.44	0.17	99.55	Sp
CAN150025	AN676615	4	28	C	0.3	0.28	0.05	15.68	18.7	0	0.05	0.01	52.28	12.26	0.19	99.5	Sp
CAN150025	AN676615	4	29	C	0.3	0.35	0	15.84	19.85	0.02	0.29	0	51.59	11.36	0.23	99.53	Sp
CAN150025	AN676615	4	30	C	0.3	0.38	0.04	10.59	18.51	0.02	0.19	0	58.71	11.26	0.15	99.85	Sp
CAN150025	AN676615	4	31	C	0.3	0.24	0	18.42	14.83	0.04	0.03	0.01	51.8	13.46	0.2	99.03	Sp
CAN150025	AN676615	4	32	C	0.3	0.25	0.05	15.68	18.81	0.01	0.14	0	52.18	12.23	0.15	99.5	Sp
CAN150025	AN676615	4	33	C	0.3	0.27	0.05	11.97	17.89	0.02	0.02	0	57.75	11.8	0.19	99.96	Sp
CAN150025	AN676615	4	34	C	0.3	0.29	0.03	11.94	17.6	0.02	0.02	0	57.84	11.64	0.17	99.55	Sp
CAN150025	AN676615	4	35	C	0.3	0.59	0.05	11.7	30.74	0.12	0.37	0.01	50.54	4.5	0.38	99	Sp
CAN150025	AN676615	4	36	C	0.3	0.43	0	7.37	26.91	0.01	0.98	0	54.73	8.51	0.09	99.03	Sp
CAN150025	AN676615	4	37	C	0.3	0.41	0	7.83	25.09	0	1.2	0	56.9	7.88	0.19	99.5	Sp
CAN150025	AN676615	4	38	C	0.3	0.26	0.04	14.85	19.87	0.03	0.06	0	51.98	11.94	0.21	99.24	Sp
CAN150025	AN676615	4	39	C	0.3	0.41	0	4.66	26.95	0.03	1.17	0	57.94	8.18	0.21	99.55	Sp
CAN150025	AN676615	4	40	C	0.3	0.39	0.06	3.31	21.9	0.08	0.23	0	63.99	9.66	0.15	99.77	Sp
CAN150025	AN676615	4	41	C	0.3	0.24	0.01	13.35	15.29	0.06	0.02	0	57.38	12.56	0.22	99.13	Sp
CAN150025	AN676615	4	42	C	0.3	0.38	0.09	13.86	21.99	0.06	0.25	0.01	53.5	9.68	0.15	99.97	Sp
CAN150025	AN676615	4	43	C	0.3	0.31	0.08	8.08	23.59	0.03	0.53	0.01	55.89	10.86	0.11	99.49	Sp
CAN150025	AN676615	4	44	C	0.3	0.33	0	8.88	18.83	0	0.12	0	60.51	11.02	0.15	99.84	Sp
CAN150025	AN676615	4	45	C	0.3	0.32	0.09	9.06	18.75	0.05	0.13	0	60.29	11.1	0.13	99.92	Sp
CAN150025	AN676615	4	46	C	0.3	0.22	0.08	16.98	18.57	0.05	0.4	0	49.54	13.04	0.08	98.96	Sp
CAN150025	AN676615	4	47	C	0.3	0.43	0	3.94	26.79	0.09	1.31	0	58.53	8.02	0.09	99.2	Sp
CAN150025	AN676615	4	48	C	0.3	0.43	0.02	10.87	23.61	0.05	0.64	0.02	55.09	8.94	0.1	99.77	Sp
CAN150025	AN676615	4	49	C	0.3	0.42	0.03	10.9	23.35	0.02	0.64	0	54.72	8.96	0.15	99.19	Sp
CAN150025	AN676615	4	50	C	0.3	0.29	0	12.42	18.49	0	0.06	0	56.54	11.37	0.15	99.32	Sp
CAN150025	AN676615	4	51	C	0.3	0.24	0.03	0.53	33.96	0.01	53.1	0.03	0.15	11.48	0	99.53	Sp
CAN150025	AN676615	4	52	C	0.3	0.27	0.02	0.44	33.88	0	53.19	0.02	0.13	11.72	0.05	99.72	Sp
CAN150025	AN676615	4	53	C	0.3	0.3	0.06	10.3	17.24	0.05	0.05	0.01	60.35	11.2	0.12	99.68	Sp
CAN150025	AN676615	4	54	C	0.3	0.24	0.05	8.12	17.66	0.1	0.28	0	58.82	13.9	0.03	99.2	Sp
CAN150025	AN676615	4	55	C	0.3	0.44	0.06	5.84	35.29	0.02	1.05	0.01	48.03	7.51	0.14	98.39	Sp
CAN150025	AN676615	4	56	C	0.3	0.43	0	9.16	30.68	0.03	0.57	0.01	48.93	8.75	0.16	98.72	Sp
CAN150025	AN676615	4	57	C	0.3	0.73	0.05	12.15	31.46	0	1.29	0	47.41	5.48	0.57	99.14	Sp
CAN150025	AN676615	4	58	C	0.3	0.4	0	8.4	25.37	0.04	0.88	0	55.96	8.37	0.19	99.61	Sp

**Goldstake - CAN150025/0026  
Microprobe Analysis Report**

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN150025	AN676615	4	59	C	0.3	0.31	0.05	14.02	21.02	0	0.17	0	52.15	11.4	0.22	99.34	Sp
CAN150025	AN676615	4	60	C	0.3	0.53	0.09	12.83	25.63	0.03	0.31	0	52.95	6.73	0.58	99.68	Sp
CAN150025	AN676615	4	61	C	0.3	0.19	0.08	30.46	15.7	0.11	0.9	0	34.07	17.29	0.12	98.92	Sp
CAN150025	AN676615	4	62	C	0.3	0.3	0.02	13.9	20.97	0.03	0.18	0	51.95	11.32	0.22	98.89	Sp
CAN150026	AN676715	1	35	C	0.3	0.35	0.04	18.17	6.04	41.51	0.34	5.65	7.26	20.94	0	100.3	Ga
CAN150026	AN676715	1	36	C	0.3	0.32	0	0.18	38.57	0	50.56	0	0.51	8.67	0.02	98.83	II
CAN150026	AN676715	1	37	C	0.3	0.28	0.02	0.61	35.1	0.01	52.78	0.01	0.11	10.69	0.04	99.65	II
CAN150026	AN676715	1	38	C1	0.3	0.25	0	0.24	39.07	0.01	49.38	0.02	0.59	9	0.05	98.61	II
CAN150026	AN676715	1	39	C	0.3	0.32	0.05	0.6	30.41	0.02	54.93	0.06	0.26	13.41	0.01	100.07	II
CAN150026	AN676715	1	40	C	0.3	0.27	0.05	0.44	36.55	0	51.43	0.04	0.06	9.34	0.04	98.22	II
CAN150026	AN676715	1	41	C	0.3	0.3	0.07	0.61	33.92	0	53.24	0.04	0.2	11.22	0.05	99.65	II
CAN150026	AN676715	1	42	C	0.3	0.31	0	0.59	31.11	0.01	54.22	0.04	0.2	12.53	0.03	99.04	II
CAN150026	AN676715	1	43	C	0.3	0.1	2.13	1.17	1.92	53.68	0.15	22.08	2.63	15.54	0.03	99.43	Cd
CAN150026	AN676715	1	44	C	0.3	1.91	0.08	12.91	34.04	0.03	0.46	0	44.39	1.3	4.38	99.5	Sp
CAN150026	AN676715	1	45	C1	0.3	1.19	0.01	14.27	28.81	0.05	0.34	0	51.29	3.76	0.36	100.08	Sp
CAN150026	AN676715	1	46	C	0.3	0.22	0.07	18.74	19.95	0.15	1.09	0.01	45.71	13.57	0.05	99.56	Sp
CAN150026	AN676715	1	47	C	0.3	0.17	0.01	25.87	17.95	0.02	1.16	0	38.72	14	0.08	97.98	Sp
CAN150026	AN676715	1	48	C	0.3	0.56	0.02	4.12	25.92	0.05	0.1	0.01	61.74	7.77	0.24	100.53	Sp
CAN150025	AN676815	4	63	C	0.3	0.92	0.05	11	29.52	0	0.26	0	52.34	5.5	0.46	100.05	Sp
CAN150025	AN676915	4	64	C	0.3	0.36	0.13	17.64	6.29	41.33	0.51	6	7.51	20.85	0.02	100.64	Ga
CAN150025	AN676915	4	65	C	0.3	0.63	0.04	20.28	14.3	40.33	0.08	6.36	2.8	15.2	0.01	100.03	Ga
CAN150025	AN676915	4	66	C	0.3	0.63	0.04	20.73	14.46	40.39	0.06	6.39	2.86	15.32	0	100.88	Ga
CAN150025	AN676915	4	67	C	0.3	0.37	0.02	21.6	8.39	41.85	0.25	4.6	2.41	20.78	0.06	100.33	Ga
CAN150025	AN676915	4	68	C	0.3	0.63	0.04	20.92	15.23	40.42	0.04	5.88	2.12	14.99	0	100.27	Ga
CAN150025	AN676915	4	69	C	0.3	0.4	0.08	17.26	7.43	41.2	0.26	5.21	8.17	20.34	0.02	100.37	Ga
CAN150025	AN676915	4	70	C	0.3	0.34	0.09	17.41	6.3	41.43	0.62	5.88	7.11	20.83	0.04	100.05	Ga
CAN150025	AN676915	4	71	C	0.3	0.63	0.05	20	13.99	40.26	0.05	6.63	3.39	15	0	100	Ga
CAN150025	AN676915	4	72	C	0.3	0.46	0.03	20.5	7.97	41.34	0.03	5.62	4.07	20.09	0	100.11	Ga
CAN150025	AN676915	4	73	C	0.3	0.61	0	21.37	15.29	40.27	0.04	5.67	1.78	15.33	0.03	100.39	Ga
CAN150025	AN676915	4	74	C	0.3	0.57	0.04	21.61	14.66	40.71	0.09	5.65	1.56	15.74	0.06	100.69	Ga
CAN150025	AN676915	4	75	C	0.3	0.35	0.02	17.06	6.56	41.2	0.42	6.17	8.47	20.54	0.04	100.83	Ga
CAN150025	AN676915	4	76	C1	0.3	0.55	0.03	20.75	8.78	41.77	0.06	5.03	3.48	20.16	0.02	100.63	Ga
CAN150025	AN676915	4	77	C	0.3	0.31	0.07	17.76	6.59	41.22	0.55	6.02	6.99	20.64	0	100.15	Ga
CAN150025	AN676915	4	78	C	0.3	0.32	0.06	19	6.89	41.65	0.52	5.44	5.51	20.79	0	100.18	Ga
CAN150025	AN676915	4	79	C	0.3	0.3	0.1	19.71	6.62	41.81	0.49	5.1	4.31	21.54	0.02	100	Ga
CAN150025	AN676915	4	80	C	0.3	0.35	0.04	19.9	6.67	41.99	0.46	5.11	4.34	21.56	0.04	100.46	Ga
CAN150025	AN676915	4	81	C	0.3	0.43	0.07	22.15	17.48	40.35	0.03	4.73	1.05	14.38	0.04	100.71	Ga
CAN150025	AN676915	4	82	C	0.3	0.3	0	0.54	30.7	0.03	54.05	0.04	0.23	13.56	0.04	99.49	II
CAN150025	AN676915	4	83	C	0.3	0.28	0.08	0.56	34.24	0.01	53.39	0.02	0.11	11.5	0.01	100.2	II
CAN150025	AN676915	4	84	C	0.3	0.24	0.08	0.62	32.26	0.06	53.83	0.03	0.17	12.34	0	99.63	II
CAN150025	AN676915	4	85	C	0.3	0.24	0.03	0.87	31.32	0.02	54.21	0.03	0.12	13.09	0.02	99.95	II
CAN150025	AN676915	4	86	C	0.3	0.29	0	0.12	42.88	0	47.31	0	0.72	7.01	0.01	98.34	II
CAN150025	AN676915	4	87	C	0.3	0.24	0	0.51	34.86	0	53.1	0.02	0.23	10.8	0.01	99.77	II
CAN150025	AN676915	4	88	C	0.3	0.08	2.03	1.47	1.94	54.21	0.06	21.96	2.6	15.59	0	99.94	Cd
CAN150025	AN676915	4	89	C	0.3	0.07	2.12	1.37	1.67	54.92	0.19	21.47	2.96	15.87	0	100.64	Cd
CAN150025	AN676915	4	90	C	0.3	0.1	0.38	0.52	3.33	54.76	0.06	24.33	0.3	17.29	0	101.07	Cd
CAN150025	AN676915	4	91	C	0.3	0.08	0.47	0.61	2.99	54.61	0.06	24.15	0.42	17.17	0	100.56	Cd
CAN150025	AN676915	4	92	C	0.3	0.07	0.51	0.64	3.03	54.38	0.04	24.25	0.38	16.99	0.02	100.31	Cd
CAN150025	AN676915	4	93	C	0.3	0.41	0.02	13.09	23.54	0.03	0.65	0	52.17	9.98	0.21	100.1	Sp
CAN150025	AN676915	4	94	C	0.3	0.32	0.04	4.48	18.73	0.05	0.5	0.01	65.61	10.26	0.15	100.15	Sp



**Goldstake - CAN150025/0026**  
**Microprobe Analysis Report**

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN150025	AN676915	4	95	C	0.3	0.39	0	4.79	19.58	0.04	0.07	0	65.37	9.53	0.14	99.91	Sp
CAN150025	AN676915	4	96	C	0.3	0.42	0.01	4.88	19.75	0.02	0.05	0	65.02	9.68	0.14	99.97	Sp
CAN150025	AN676915	4	97	C	0.3	0.37	0.1	11.86	23.4	0.04	0.4	0	52.94	9.95	0.18	99.24	Sp
CAN150025	AN676915	4	98	C	0.3	0.42	0.02	7.44	33.38	0.03	0.35	0	48.29	8.19	0.21	98.33	Sp
CAN150025	AN676915	4	99	C	0.3	0.38	0	11.13	27.2	0.02	0.06	0.01	51.64	8.68	0.12	99.24	Sp
CAN150025	AN676915	4	100	C	0.3	0.39	0.04	11.08	27.2	0	0.09	0.01	51.61	8.7	0.18	99.3	Sp
CAN150025	AN676915	4	101	C	0.3	0.39	0.09	12.16	22.69	0.06	0.22	0	53.23	10.17	0.09	99.1	Sp
CAN150025	AN676915	4	102	C	0.3	0.34	0.05	15.69	20.83	0.04	0.1	0	50.29	11.56	0.25	99.15	Sp
CAN150025	AN676915	4	103	C	0.3	0.35	0	13.84	21.81	0	0.31	0	52.44	10.44	0.12	99.31	Sp
CAN150025	AN676915	4	104	C	0.3	0.28	0.03	16.3	19.09	0.02	0.54	0.02	50.91	12.31	0.22	99.72	Sp
CAN150025	AN676915	4	105	C	0.3	0.3	0.03	16.02	18.97	0.02	0.53	0	51	12.2	0.18	99.25	Sp
CAN150025	AN676915	4	106	C	0.3	0.46	0.03	12.46	28.64	0.01	0.41	0	50.92	6.3	0.33	99.56	Sp
CAN150025	AN676915	4	107	C	0.3	0.31	0.06	12	24.54	0	0.86	0.01	51.11	10.2	0.17	99.26	Sp
CAN150025	AN676915	4	108	C	0.3	0.32	0	15.54	20.85	0.08	0.09	0	52.02	10.62	0.25	99.77	Sp
CAN150025	AN676915	4	109	C	0.3	0.26	0.1	17.42	17.41	0	0.01	0.01	50.67	13.55	0.2	99.63	Sp
CAN150025	AN676915	4	110	C	0.3	0.24	0	17.68	17.43	0.01	0.01	0	50.25	13.62	0.15	99.39	Sp
CAN150025	AN676915	4	111	C	0.3	0.36	0.05	10.2	19.37	0.01	0.16	0	58.73	10.91	0.15	99.94	Sp
CAN150025	AN676915	4	112	C	0.3	0.19	0.01	32.82	16.27	0.1	0.56	0	31.52	17.28	0.08	98.83	Sp
CAN150025	AN676915	4	113	C	0.3	0.51	0	14.19	24.78	0.05	0.03	0	49.98	9.71	0.34	99.59	Sp
CAN150025	AN676915	4	114	C	0.3	0.51	0.04	14.13	24.7	0.01	0.02	0	49.79	9.5	0.33	99.03	Sp
CAN150025	AN676915	4	115	C	0.3	0.38	0.02	11.16	25.76	0.03	0.15	0	51.23	9.84	0.2	98.77	Sp
CAN150025	AN676915	4	116	C	0.3	0.4	0	13.61	29.64	0.03	0.36	0	45.15	9.44	0.19	98.82	Sp
CAN150025	AN676915	4	117	C	0.3	0.34	0	10.95	24.35	0.03	0.14	0	53.11	9.93	0.17	99.02	Sp
CAN150025	AN676915	4	118	C	0.3	0.33	0	6.59	24.41	0.02	1.51	0	55.97	10.76	0.16	99.75	Sp
CAN150025	AN676915	4	119	C	0.3	0.4	0.04	9.95	30.11	0.03	0.64	0	49.98	7.95	0.14	99.24	Sp
CAN150025	AN676915	4	120	C	0.3	0.4	0.01	7.75	23.42	0	0.89	0.02	58.27	9.21	0.14	100.11	Sp
CAN150025	AN676915	4	121	C	0.3	0.18	0.01	21.63	19.7	0.09	0.8	0.01	42.37	14.16	0.1	99.05	Sp
CAN150025	AN676915	4	122	C	0.3	0.39	0.03	9.39	21.96	0.01	0.39	0	57.45	9.63	0.22	99.47	Sp
CAN150025	AN676915	4	123	C	0.3	0.3	0.01	10.65	24.33	0.05	0.09	0	52.61	10.71	0.16	98.91	Sp
CAN150025	AN676915	4	124	C	0.3	0.36	0	10.54	20	0.03	0.12	0	57.78	10.78	0.16	99.77	Sp
CAN150025	AN676915	4	125	C	0.3	0.4	0.08	7.07	26.77	0.05	1.46	0	55.29	8.22	0.12	99.46	Sp
CAN150025	AN676915	4	126	C	0.3	0.25	0.03	25.35	16.37	0.01	0.03	0	44.2	13.02	0.31	99.57	Sp
CAN150025	AN676915	4	127	C	0.3	0.41	0	9.54	24.4	0	0.62	0.01	55.12	9.21	0.13	99.44	Sp
CAN150025	AN676915	4	128	C	0.3	0.24	0.11	14.84	20.2	0	0.05	0	52.16	11.75	0.16	99.51	Sp
CAN150025	AN676915	4	129	C	0.3	0.25	0	14.79	20.2	0.07	0.04	0	51.95	11.74	0.2	99.24	Sp
CAN150025	AN676915	4	130	C	0.3	0.3	0.02	18.32	18.35	0	0.04	0	49.28	12.7	0.21	99.22	Sp
CAN150025	AN676915	4	131	C	0.3	0.4	0	13.41	22.93	0.07	0.23	0	52.61	9.38	0.19	99.22	Sp
CAN150025	AN676915	4	132	C	0.3	0.46	0.09	7.73	18.86	0.01	0.01	0.01	62.64	10.16	0.24	100.21	Sp
CAN150025	AN676915	4	133	C	0.3	0.39	0.01	14.25	23.11	0.04	0.47	0	51.5	9.5	0.12	99.39	Sp
CAN150025	AN676915	4	134	C	0.3	0.37	0	14.22	22.67	0.03	0.49	0	51.89	9.52	0.16	99.35	Sp
CAN150025	AN676915	4	135	C	0.3	0.29	0.02	17.02	21.5	0	0.04	0	47.9	12.23	0.2	99.2	Sp
CAN150025	AN676915	4	136	C	0.3	0.24	0.04	18.61	16.75	0	0.01	0	49.77	13.75	0.15	99.32	Sp
CAN150025	AN676915	4	137	C	0.3	0.3	0.01	9.97	17.62	0	0.05	0.01	60.37	11.33	0.17	99.83	Sp
CAN150025	AN676915	4	138	C	0.3	0.38	0	13.03	26.33	0	0.31	0	49.53	9.43	0.15	99.16	Sp
CAN150025	AN676915	4	139	C	0.3	0.45	0.04	6.11	26.03	0.04	1.58	0.01	56.39	8.78	0.15	99.58	Sp
CAN150025	AN676915	4	140	C	0.3	0.34	0.08	6.17	18.63	0.01	0.02	0	64.29	10.45	0.19	100.18	Sp
CAN150025	AN676915	4	141	C	0.3	0.4	0.01	3.81	24.86	0.03	1.15	0	60.64	8.17	0.19	99.26	Sp
CAN150025	AN676915	4	142	C	0.3	0.41	0.02	3.76	24.78	0.05	1.12	0.01	61	8.06	0.2	99.41	Sp
CAN150025	AN676915	4	143	C	0.3	0.48	0.03	14.39	21.1	0.02	0.05	0	52.84	10.79	0.27	99.97	Sp
CAN150025	AN676915	4	144	C	0.3	0.3	0	13.18	35	0	0.59	0	47.43	2.75	0.34	99.59	Sp

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ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN150025	AN676915	4	145	C	0.3	0.45	0.02	8.19	23.28	0.05	0.8	0.01	57.11	9.26	0.12	99.29	Sp
CAN150025	AN676915	4	146	C	0.3	0.43	0.05	6.04	21.43	0.04	0.04	0	61.27	9.66	0.16	99.12	Sp
CAN150025	AN676915	4	147	C1	0.3	0.62	0.03	0.02	45.38	0.01	52.46	0	0	1.76	0.09	100.37	Sp
CAN150025	AN676915	4	148	C	0.3	0.28	0.04	11.68	22.69	0.06	0.28	0.01	54.07	9.93	0.09	99.13	Sp
CAN150025	AN676915	4	149	C	0.3	0.36	0.04	11.95	22.66	0.05	0.39	0	53.95	9.69	0.13	99.22	Sp
CAN150025	AN676915	4	150	C	0.3	0.25	0.03	10.46	20.01	0.06	0.45	0.01	54.96	12.6	0.08	98.91	Sp
CAN150026	AN680115	2	184	C	0.3	0.22	0.04	0.65	34.07	0.06	53.02	0.03	0.23	11.31	0.01	99.64	II
CAN150026	AN680115	2	185	C	0.3	0.24	0	0.56	31.47	0	54.35	0.03	0.28	12.72	0	99.65	II
CAN150026	AN680115	2	186	C	0.3	0.29	0.05	13.61	21.45	0.06	0.51	0.01	52.74	11.62	0.12	100.46	Sp
CAN150026	AN680115	2	187	C	0.3	0.21	0.04	25.44	22.78	0.04	0.44	0.01	37.09	13.88	0.09	100.02	Sp
CAN150026	AN680115	2	188	C	0.3	0.76	0.01	13.54	30.61	0	0.46	0.01	48.53	5.39	0.51	99.82	Sp
CAN150026	AN680115	2	189	C	0.3	0.43	0.1	13.81	35.26	0.11	0.29	0	48.22	1.29	0.94	100.45	Sp
CAN150026	AN680115	2	190	C	0.3	0.18	0.07	32.76	19.93	0.14	1.19	0	29.65	16.41	0.1	100.43	Sp
CAN150026	AN680115	2	191	C	0.3	0.3	0	12.46	21.27	0.08	0.38	0	54.12	11.51	0.1	100.22	Sp
CAN150026	AN680115	2	192	C	0.3	0.33	0	12.72	21.73	0.16	0.48	0	53.49	11.55	0.08	100.54	Sp
CAN150026	AN680115	2	193	C	0.3	0.24	0	11.19	18.14	0.08	0.41	0	56.41	13.93	0.02	100.42	Sp
CAN150025	AN680215	7	181	C	0.3	0.38	0.07	21.37	8.36	42.16	0.32	4.78	2.47	20.58	0.06	100.55	Ga
CAN150025	AN680215	7	182	C	0.3	0.24	0.02	0.61	32.04	0.04	53.93	0.02	0.22	12.35	0.03	99.5	II
CAN150025	AN680215	7	183	C	0.3	0.28	0.12	0.56	33.05	0.01	53.11	0.04	0.16	11.83	0.04	99.2	II
CAN150025	AN680215	7	184	C	0.3	0.31	0.05	0.19	38.15	0	50.72	0.03	0.39	9	0.05	98.89	II
CAN150025	AN680215	7	185	C	0.3	2	0.05	0.01	47.82	0	50.06	0	0	0	0.01	99.95	II
CAN150025	AN680215	7	186	C	0.3	0.26	0	0.57	32.71	0.01	53.4	0.04	0.14	12.33	0.07	99.53	II
CAN150025	AN680215	7	187	C1	0.3	0.29	0.01	16.86	18	0	0.06	0	51.7	12.69	0.18	99.79	II
CAN150025	AN680215	7	188	C	0.3	0.23	0.06	0.54	33.44	0.05	53.05	0.02	0.12	11.65	0.03	99.19	II
CAN150025	AN680215	7	189	C	0.3	0.28	0.05	0.51	32.84	0.02	53.92	0.05	0.21	11.84	0.03	99.75	II
CAN150025	AN680215	7	190	C	0.3	0.39	0	0.2	37.13	0.01	50.22	0.03	0.62	9.89	0.02	98.51	II
CAN150025	AN680215	7	191	C	0.3	0.26	0.02	0.5	27.69	0.07	54.11	0.04	3.16	13.48	0.04	99.37	II
CAN150025	AN680215	7	192	C	0.3	0.25	0.07	0.58	32.68	0	53.54	0.03	0.26	11.8	0.01	99.22	II
CAN150025	AN680215	7	193	C	0.3	0.09	2.37	1.49	1.63	54.77	0.11	21.18	2.99	15.34	0	99.97	Cd
CAN150025	AN680215	7	194	C	0.3	0.05	2.53	3.05	2.69	53.93	0.07	20.87	1.74	14.49	0.04	99.46	Cd
CAN150025	AN680215	7	195	C	0.3	0.18	0	29.17	16.82	0.11	1.09	0	34.66	16.52	0.1	98.65	Sp
CAN150025	AN680215	7	196	C	0.3	0.45	0.03	14.47	23.95	0.04	0.28	0	51.82	7.25	0.23	98.52	Sp
CAN150025	AN680215	8	1	C1	0.3	0.79	0.03	0.05	44.82	0.01	50.72	0.05	0.01	0.89	0	97.37	Sp
CAN150025	AN680215	8	2	C	0.3	0.4	0.08	14.97	22.1	0.11	0.33	0.01	52.81	8.22	0.27	99.3	Sp
CAN150025	AN680215	8	3	C	0.3	0.27	0.02	14.56	20.17	0.07	0.92	0	50.27	12.2	0.16	98.64	Sp
CAN150025	AN680315	8	4	C	0.3	0.26	0.06	0.2	43.69	0	47.16	0.01	0.22	6.58	0.05	98.23	II
CAN150025	AN680315	8	5	C	0.3	0.27	0.02	0.65	34.77	0.05	51.83	0.02	0.5	10.6	0.03	98.74	II
CAN150025	AN680315	8	6	C	0.3	0.32	0.16	0.11	33.48	0	54.19	0.06	0.01	10.89	0.02	99.24	II
CAN150025	AN680315	8	7	C	0.3	0.13	0.55	1.18	4.99	53.15	0.33	20.99	1.34	17.01	0.02	99.69	Cd
CAN150025	AN680315	8	8	C	0.3	0.28	0.01	14.74	21.69	0.08	0.32	0	50.64	11.07	0.05	98.88	Sp
CAN150025	AN680315	8	9	C	0.3	0.23	0	13.57	17.03	0.12	0.31	0.01	54.22	13	0.06	98.55	Sp
CAN150025	AN680315	8	10	C2	0.3	0.52	0.05	13.61	25.69	0.08	0.37	0	52.67	6.71	0.19	99.89	Sp
CAN150025	AN680315	8	11	C	0.3	0.52	0.06	12.84	31.2	0.04	0.36	0	50.73	3.26	0.42	99.43	Sp
CAN150025	AN680315	8	12	C1	0.3	0.28	0	9.58	34.4	0.1	0.26	0	52.88	1.77	0.37	99.64	Sp
CAN150025	AN680415	8	13	C2	0.3	0.24	0.09	0.44	33.09	0.03	53.23	0.04	0.07	12	0.05	99.28	II
CAN150025	AN680415	8	14	C	0.3	0.28	0.02	0.44	34.89	0.04	52.87	0.02	0.12	10.77	0.03	99.48	II
CAN150025	AN680415	8	15	C	0.3	0.34	0.06	0.65	31.48	0.06	53.66	0.03	0.2	12.43	0.1	99.01	II
CAN150025	AN680415	8	16	C	0.3	0.31	0	0.42	26.96	0	54.9	0.03	2.61	14.19	0	99.42	II
CAN150025	AN680415	8	17	C	0.3	0.26	0.05	0.55	34.47	0.02	52.86	0.03	0.12	10.97	0.04	99.37	II
CAN150025	AN680415	8	18	C	0.3	0.25	0.13	0.45	35.09	0.01	52.69	0.03	0.13	10.71	0.02	99.51	II

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CAN150025	AN680415	8	19	C	0.3	0.29	0.06	0.22	38.44	0.04	50.79	0.01	0.6	9.11	0.01	99.57	II
CAN150025	AN680415	8	20	C	0.3	0.28	0.05	0.43	27.96	0.03	53.87	0.02	3.57	13.6	0.03	99.84	II
CAN150025	AN680415	8	21	C	0.3	0.33	0.04	0.49	36.55	0.06	51.48	0.03	0.07	10.26	0.05	99.36	II
CAN150025	AN680415	8	22	C	0.3	0.23	0.03	0.76	31.83	0.01	53.81	0.04	0.24	12.41	0.05	99.41	II
CAN150025	AN680415	8	23	C	0.3	0.31	0	0.45	30.81	0.03	54.54	0.03	0.23	12.94	0	99.34	II
CAN150025	AN680415	8	24	C	0.3	0.25	0.04	0.45	29	0.01	54.48	0.03	1.52	13.4	0	99.18	II
CAN150025	AN680515	8	25	C	0.3	0.27	0.05	21.56	7.11	42.14	0.44	4.9	2.4	21.41	0	100.28	Ga
CAN150025	AN680515	8	26	C	0.3	0.23	0.06	0.53	34.06	0.03	52.83	0.02	0.1	11.32	0.06	99.24	Sp
CAN150025	AN680515	8	27	C2	0.3	0.5	0.03	0.05	43.89	0	52.29	0	0.03	2.94	0.02	99.75	Sp
CAN150025	AN680515	8	28	C	0.3	0.18	0.04	30.12	18.53	0.09	0.96	0.01	33.33	15.13	0.1	98.49	Sp
CAN150025	AN680515	8	29	C	0.3	0.23	0.04	16.73	14.69	0.07	0.26	0	52.79	14.4	0.05	99.26	Sp
CAN150026	AN680815	2	194	C	0.3	0.41	0.03	20.45	7.37	41.9	0.21	5.58	4.47	20.44	0	100.86	Ga
CAN150026	AN680815	2	195	C	0.3	0.44	0.05	17.87	7.49	41.04	0.27	6.59	7.54	19.15	0	100.44	Ga
CAN150026	AN680815	2	196	C	0.3	0.27	0.06	20.81	6.85	42.35	0.24	5.06	3.45	21.34	0.06	100.49	Ga
CAN150026	AN680815	3	1	C	0.3	0.79	0	20.34	16.65	40.09	0.07	6.53	3.01	13.3	0	100.78	Ga
CAN150026	AN680815	3	2	C	0.3	0.4	0.11	19.15	6.96	41.82	0.19	5.77	5.97	20.44	0.02	100.83	Ga
CAN150026	AN680815	3	3	C	0.3	0.28	0.09	0.53	32.87	0.04	53.71	0.02	0.11	12.1	0.05	99.8	II
CAN150026	AN680815	3	4	C	0.3	0.26	0.07	0.44	33.59	0	53.66	0.02	0.16	11.39	0.01	99.6	II
CAN150026	AN680815	3	5	C	0.3	0.23	0.04	0.62	32.95	0	53.92	0.02	0.2	11.8	0	99.78	II
CAN150026	AN680815	3	6	C	0.3	0.3	0.01	0.09	41.97	0	47.79	0.01	0.7	7.22	0.01	98.1	II
CAN150026	AN680815	3	7	C	0.3	0.29	0.03	0.18	37.12	0	50.15	0.04	0.58	10.36	0.04	98.79	II
CAN150026	AN680815	3	8	C	0.3	0.24	0.05	0.49	34.19	0	53.4	0.03	0.16	11.41	0.08	100.05	II
CAN150026	AN680815	3	9	C	0.3	0.34	0	0.43	31.72	0	52.05	0.07	1.12	13.36	0	99.09	II
CAN150026	AN680815	3	10	C	0.3	0.31	0.01	0.48	36.03	0	52.27	0.01	0.09	10.49	0.01	99.7	II
CAN150026	AN680815	3	11	C	0.3	0.26	0.01	20.65	18.29	0.03	0.03	0	47.59	13.69	0.22	100.77	II
CAN150026	AN680815	3	12	C	0.3	0.29	0.04	0.08	43.75	0	47.16	0.01	0.81	6.77	0.01	98.92	II
CAN150026	AN680815	3	13	C	0.3	0.35	0	10.98	32.28	0.03	0.7	0.01	47.34	7.58	0.17	99.44	II
CAN150026	AN680815	3	14	C	0.3	0.39	0.03	9.36	27.71	0.05	0.55	0	52.3	8.7	0.16	99.25	II
CAN150026	AN680815	3	15	C	0.3	0.26	0.02	0.45	36.49	0.01	52.07	0.03	0.15	9.72	0.02	99.22	II
CAN150026	AN680815	3	16	C	0.3	0.29	0.05	0.44	36.17	0	51.8	0.02	0.24	10.32	0	99.33	II
CAN150026	AN680815	3	17	C	0.3	0.4	0	10.93	32.17	0	0.72	0	47.19	7.54	0.19	99.14	II
CAN150026	AN680815	3	18	C	0.3	0.26	0.04	21.52	15.2	0.04	0.03	0	49.58	13.76	0.14	100.57	II
CAN150026	AN680815	3	19	C	0.3	0.35	0.06	0.45	33.83	0	53.3	0.03	0.13	11.12	0.02	99.29	II
CAN150026	AN680815	3	20	C	0.3	0.31	0	0.21	37.64	0	50.57	0.02	0.64	9.62	0.03	99.04	II
CAN150026	AN680815	3	21	C	0.3	0.29	0.04	0.19	38.12	0.03	50.48	0.04	0.48	9.27	0.05	98.99	II
CAN150026	AN680815	3	22	C	0.3	0.78	0.09	0	46.04	0	52.76	0	0	0.78	0.06	100.51	II
CAN150026	AN680815	3	23	C	0.3	0.25	0.01	0.36	41.01	0.03	47.3	0.01	0.78	8.25	0.02	98.02	II
CAN150026	AN680815	3	24	C	0.3	0.28	0	0.57	33.13	0.02	53.24	0.05	0.16	11.51	0.1	99.06	II
CAN150026	AN680815	3	25	C	0.3	0.27	0.05	0.42	32.61	0.01	53.74	0.02	0.07	12.04	0.04	99.27	II
CAN150026	AN680815	3	26	C	0.3	0.3	0.02	0.49	32.02	0.02	54.15	0.04	0.15	12.31	0.06	99.56	II
CAN150026	AN680815	3	27	C	0.3	0.31	0	0.53	32.35	0	54.06	0.03	0.13	12.3	0.03	99.74	II
CAN150026	AN680815	3	28	C	0.3	0.31	0.05	0.13	38.21	0.02	50.84	0.01	0.49	8.94	0.02	99.02	II
CAN150026	AN680815	3	29	C1	0.3	0.15	0.04	50.6	15.69	0	0.05	0.01	14.89	17.78	0.08	99.29	II
CAN150026	AN680815	3	30	C	0.3	0.27	0.03	0.58	32.69	0	54.01	0.03	0.28	11.9	0.01	99.8	II
CAN150026	AN680815	3	31	C	0.3	0.27	0	0.42	35.36	0	52.81	0.03	0.08	10.41	0.03	99.41	II
CAN150026	AN680815	3	32	C	0.3	0.34	0.04	0.49	30.01	0.01	54.92	0.08	0.15	14.06	0.04	100.14	II
CAN150026	AN680815	3	33	C	0.3	0.31	0	0.27	38.1	0	48.19	0.03	0.78	10.64	0.05	98.37	II
CAN150026	AN680815	3	34	C	0.3	0.29	0.13	0.66	33.53	0.02	53.86	0.02	0.15	11.53	0.02	100.21	II
CAN150026	AN680815	3	35	C	0.3	0.27	0	0.6	33.46	0.03	53.15	0.02	0.17	11.81	0.02	99.53	II
CAN150026	AN680815	3	36	C2	0.3	0.28	0	0.47	34.46	0	53.33	0.04	0.16	10.93	0	99.67	II

**Goldstake - CAN150025/0026**  
**Microprobe Analysis Report**

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN150026	AN680815	3	37	C	0.3	0.28	0.07	0.22	38.25	0.04	50.85	0.02	0.45	8.87	0.06	99.11	II
CAN150026	AN680815	3	38	C	0.3	0.26	0.04	0.49	34.34	0.01	53.2	0.03	0.12	10.83	0.01	99.33	II
CAN150026	AN680815	3	39	C	0.3	0.25	0	0.53	34.56	0.01	52.89	0.04	0.1	10.92	0.03	99.33	II
CAN150026	AN680815	3	40	C	0.3	0.24	0.04	0.53	33.29	0	53.49	0.02	0.16	11.68	0.08	99.53	II
CAN150026	AN680815	3	41	C	0.3	0.28	0	0.21	38.33	0.01	50.09	0.03	0.43	9.37	0.03	98.78	II
CAN150026	AN680815	3	42	C	0.3	0.28	0.07	0.63	32.3	0.06	53.54	0.03	0.17	12.59	0.03	99.7	II
CAN150026	AN680815	3	43	C	0.3	0.28	0.03	0.55	32.99	0	53.46	0.04	0.17	12.05	0	99.57	II
CAN150026	AN680815	3	44	C	0.3	0.38	0	4.71	29.17	0.01	1.81	0	55.93	7.82	0.18	100.01	II
CAN150026	AN680815	3	45	C	0.3	0.26	0	0.56	35.08	0.03	52.55	0.01	0.14	10.65	0.06	99.34	II
CAN150026	AN680815	3	46	C	0.3	0.28	0	0.6	33.37	0.04	53.82	0.03	0.19	11.86	0.06	100.25	II
CAN150026	AN680815	3	47	C	0.3	0.32	0.1	0.57	30.44	0.04	54	0.11	0.15	13.8	0.04	99.57	II
CAN150026	AN680815	3	48	C	0.3	0.28	0.02	0.24	38.46	0	50.72	0.02	0.47	8.81	0.06	99.08	II
CAN150026	AN680815	3	49	C	0.3	0.45	0.03	0.14	36.79	0.03	50.38	0.01	0.81	10.03	0.05	98.72	II
CAN150026	AN680815	3	50	C	0.3	0.29	0.05	0.66	32.54	0.08	54.12	0.02	0.26	11.88	0.03	99.93	II
CAN150026	AN680815	3	51	C	0.3	0.63	0.04	0	44.58	0.01	52.57	0.01	0.01	2.05	0.07	99.97	II
CAN150026	AN680815	3	52	C	0.3	0.28	0.02	0.14	38.24	0.01	50.62	0.01	0.62	8.96	0.05	98.95	II
CAN150026	AN680815	3	53	C	0.3	0.26	0.06	0.52	34.38	0.05	53	0.03	0.14	11.02	0.04	99.5	II
CAN150026	AN680815	3	54	C	0.3	0.27	0.01	0.61	34.38	0.03	53.12	0.03	0.14	10.98	0.03	99.6	II
CAN150026	AN680815	3	55	C1	0.3	0.3	0.05	0.59	30.55	0.02	54.41	0.05	0.19	14.06	0.03	100.25	II
CAN150026	AN680815	3	56	C	0.3	0.23	0.06	0.44	32.45	0.04	53.9	0.03	0.11	12.4	0	99.66	II
CAN150026	AN680815	3	57	C	0.3	0.26	0.08	0.27	35.65	0.01	51.72	0.02	0.69	10.55	0.03	99.28	II
CAN150026	AN680815	3	58	C1	0.3	0.29	0.07	0.51	32.06	0	52.09	0.02	2.72	11.6	0	99.36	II
CAN150026	AN680815	3	59	C	0.3	0.28	0.06	0.56	32.63	0	53.77	0.03	0.14	12.32	0.01	99.8	II
CAN150026	AN680815	3	60	C	0.3	0.31	0.05	0.26	37.44	0.05	51.46	0.02	0.34	9.12	0.03	99.08	II
CAN150026	AN680815	3	61	C	0.3	0.37	0	13.6	23.28	0	0.25	0	53	9.71	0.1	100.31	II
CAN150026	AN680815	3	62	C	0.3	0.31	0.04	0.4	35.67	0	51.99	0.02	0.25	10.62	0	99.3	II
CAN150026	AN680815	3	63	C	0.3	0.24	0.05	0.63	30.42	0.04	54.21	0.04	0.38	13.46	0.07	99.54	II
CAN150026	AN680815	3	64	C	0.3	0.26	0.04	0.51	35.38	0.01	52.33	0.03	0.23	10.73	0.03	99.55	II
CAN150026	AN680815	3	65	C	0.3	0.26	0.02	0.42	34.62	0.04	53.04	0.01	0.13	10.71	0.03	99.28	II
CAN150026	AN680815	3	66	C	0.3	0.31	0	0.45	34.22	0.03	52.66	0.02	0.14	11.66	0.05	99.54	II
CAN150026	AN680815	3	67	C	0.3	0.26	0.11	0.3	36.61	0	51.63	0.03	0.48	9.91	0.04	99.37	II
CAN150026	AN680815	3	68	C	0.3	0.29	0	0.31	36.78	0	51.66	0.02	0.39	9.79	0	99.24	II
CAN150026	AN680815	3	69	C	0.3	0.27	0.07	0.62	27.22	0	55.67	0.03	1.63	14.39	0	99.9	II
CAN150026	AN680815	3	70	C	0.3	0.24	0.03	0.5	33.12	0.01	53.66	0.03	0.11	11.94	0.06	99.7	II
CAN150026	AN680815	3	71	C	0.3	0.3	0	0.13	38.66	0.01	49.92	0.02	0.58	8.78	0.02	98.42	II
CAN150026	AN680815	3	72	C	0.3	0.26	0.06	0.64	32.56	0.07	54.02	0.01	0.23	11.96	0.04	99.85	II
CAN150026	AN680815	3	73	C	0.3	0.3	0	0.19	38.69	0	50.88	0.01	0.44	8.69	0.02	99.22	II
CAN150026	AN680815	3	74	C	0.3	0.27	0	0.19	40.96	0	48.94	0.01	0.72	7.66	0.03	98.78	II
CAN150026	AN680815	3	75	C	0.3	0.38	0	10.25	22.04	0	1.01	0	55.81	10.39	0.07	99.95	II
CAN150026	AN680815	3	76	C	0.3	0.28	0.04	0.47	37.53	0.02	51.25	0.02	0.07	9.64	0.02	99.34	II
CAN150026	AN680815	3	77	C	0.3	0.25	0.1	0.57	34.18	0	53.01	0.02	0.11	11.09	0.04	99.37	II
CAN150026	AN680815	3	78	C	0.3	0.33	0.03	16.31	17.8	0	0.07	0	54.03	12.03	0.23	100.83	Sp
CAN150026	AN680815	3	79	C2	0.3	0	0	0	0.04	0	100.39	0	0.2	0	0	100.63	Sp
CAN150026	AN680815	3	80	C	0.3	0.27	0.04	0.58	36.9	0	51.77	0.02	0.03	9.55	0.05	99.21	Sp
CAN150026	AN680815	3	81	C	0.3	0.24	0.01	14.7	17.68	0.09	0.31	0	54.48	13.15	0.09	100.75	Sp
CAN150026	AN680815	3	82	C	0.3	0.4	0.05	9.76	28.99	0.03	0.53	0	51.02	8.74	0.15	99.67	Sp
CAN150026	AN680815	3	83	C	0.3	0.43	0.04	11.22	24.38	0.05	0.08	0	54.22	9.86	0.2	100.48	Sp
CAN150026	AN680815	3	84	C	0.3	0.39	0.1	6.88	23.05	0.03	0.25	0	58.79	10.42	0.14	100.05	Sp
CAN150026	AN680815	3	85	C	0.3	0.3	0	14.21	19.29	0.06	0.35	0	53.18	12.63	0.11	100.13	Sp
CAN150026	AN680815	3	86	C	0.3	0.36	0.07	16.16	22.58	0.05	0.45	0	49.31	11.03	0.15	100.16	Sp

**Goldstake - CAN150025/0026**  
**Microprobe Analysis Report**

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN150026	AN680815	3	87	C	0.3	0.31	0.03	8.35	17.77	0	0.04	0	62.86	10.95	0.18	100.49	Sp
CAN150026	AN680815	3	88	C	0.3	0.27	0.02	18.05	17.7	0.03	0.05	0	51.39	12.35	0.23	100.09	Sp
CAN150026	AN680815	3	89	C	0.3	0.42	0	5.28	27.47	0	0.7	0.01	57.97	7.47	0.18	99.5	Sp
CAN150026	AN680815	3	90	C	0.3	1.16	0.04	15.97	34.27	0.12	0.25	0.01	43.66	0.63	3.62	99.73	Sp
CAN150026	AN680815	3	91	C	0.3	0.29	0.07	10.03	17.66	0.02	0.07	0	60.74	11.35	0.16	100.39	Sp
CAN150026	AN680815	3	92	C	0.3	0.33	0.03	11.45	16.44	0.04	0.08	0	60.11	11.67	0.16	100.31	Sp
CAN150026	AN680815	3	93	C	0.3	0.77	0.07	11.49	35.29	0.06	2.73	0	44.11	4.74	0.35	99.61	Sp
CAN150026	AN680815	3	94	C	0.3	0.49	0.1	12.75	25.98	0.06	0.44	0.01	53.59	6.79	0.19	100.4	Sp
CAN150026	AN680815	3	95	C	0.3	0.27	0.02	17.8	16.16	0	0.16	0	52.7	12.98	0.16	100.25	Sp
CAN150026	AN680815	3	96	C	0.3	0.45	0.04	4.23	34.91	0.03	1.62	0	49.21	8.24	0.2	98.93	Sp
CAN150026	AN680815	3	97	C	0.3	0.51	0.02	0.06	43.97	0	52.31	0	0	3.13	0.03	100.03	Sp
CAN150026	AN680815	3	98	C	0.3	2.26	0.14	9.44	33.56	0.19	0.15	0.04	51.25	0.34	3.18	100.55	Sp
CAN150026	AN680815	3	99	C	0.3	0.27	0.03	15.44	20.24	0	0.11	0	52.71	11.75	0.22	100.77	Sp
CAN150026	AN680815	8	1	C	0.3	0.07	3.11	3.84	1.36	54.51	0.08	19.35	2.86	14.83	0	100.05	Cd
CAN150025	AN681115	8	30	C	0.3	1.69	0.01	13.19	33.18	0.02	0.96	0	46.47	0.99	2.46	98.97	Sp
CAN150025	AN681115	8	31	C	0.3	0.21	0.02	15.06	16.15	0.08	0.36	0	52.05	14.1	0.07	98.1	Sp
CAN150025	AN681115	8	32	C	0.3	0.23	0	15.23	16.28	0.1	0.36	0	52.21	14.34	0.05	98.8	Sp
CAN150025	AN681115	8	33	C	0.3	1.38	0.07	13.29	34.71	0.01	0.59	0	45.82	2.64	0.54	99.05	Sp
CAN150025	AN681115	8	34	C	0.3	0.56	0.01	13.68	25.07	0.05	0.34	0.01	52.49	6.71	0.14	99.06	Sp
CAN150026	AN681215	3	100	C	0.3	0.37	0.05	5.23	19.44	0	0.64	0	64.37	10.08	0.1	100.28	Sp
CAN150026	AN681215	3	101	C	0.3	0.29	0	14.1	21.68	0.1	0.34	0	52.5	10.78	0.13	99.92	Sp
CAN150026	AN681215	3	102	C	0.3	0.43	0.01	14.11	25.67	0.06	0.37	0.01	52.92	6.66	0.26	100.5	Sp
CAN150026	AN681215	3	103	C	0.3	0.42	0.01	12.58	24.78	0.04	0.18	0	54.1	7.4	0.5	100.01	Sp
CAN150026	AN681515	3	104	C	0.3	0.4	0.05	20.98	7.83	42.12	0.12	5.19	3.88	20.51	0	101.08	Ga
CAN150026	AN681515	3	105	C	0.3	0.42	0.02	20.61	8.24	41.42	0.21	5.12	3.79	20.16	0	99.99	Ga
CAN150026	AN681515	3	106	C	0.3	0.24	0.01	21.73	18.31	39.53	0.05	12.12	0.04	8.41	0.01	100.45	Ga
CAN150026	AN681515	3	107	C	0.3	0.48	0.05	19.08	8.48	41.14	0.26	6.32	5.73	18.98	0.02	100.54	Ga
CAN150026	AN681515	3	108	C	0.3	0.27	0	0.54	34.01	0	53.35	0.02	0.21	11.33	0.04	99.77	II
CAN150026	AN681515	3	109	C	0.3	0.31	0.04	0.58	35.03	0.02	52.52	0.04	0.17	10.57	0.01	99.29	II
CAN150026	AN681515	3	110	C	0.3	0.25	0.04	0.49	36.13	0.02	52.21	0.03	0.18	10.19	0	99.54	II
CAN150026	AN681515	3	111	C	0.3	0.27	0.04	0.4	37.65	0	51.28	0.01	0.25	9.59	0.06	99.55	II
CAN150026	AN681515	3	112	C	0.3	0.3	0.03	0.19	37.83	0.02	51.42	0.01	0.41	9.18	0.03	99.42	II
CAN150026	AN681515	3	113	C	0.3	0.38	0	0.74	30.36	0.04	55.1	0.03	0.7	12.73	0.03	100.11	II
CAN150026	AN681515	3	114	C	0.3	0.25	0.08	0.45	36.69	0.02	51.86	0.03	0.08	10.19	0.06	99.71	II
CAN150026	AN681515	3	115	C	0.3	0.26	0.02	0.25	37.72	0	50.62	0	0.54	9.82	0.03	99.26	II
CAN150026	AN681515	3	116	C	0.3	0.33	0	0.29	37.65	0.03	51.6	0	0.36	9.27	0.01	99.54	II
CAN150026	AN681515	3	117	C	0.3	0.81	0.02	13.32	29.98	0.12	0.3	0	50.96	4.25	0.3	100.06	Sp
CAN150026	AN681515	3	118	C	0.3	0.42	0.02	6.77	31.06	0	0.29	0	51.59	8.74	0.16	99.05	Sp
CAN150026	AN681515	3	119	C	0.3	0.29	0.02	17.98	18.49	0.01	0.05	0	50.15	13.04	0.25	100.28	Sp
CAN150026	AN681515	3	120	C	0.3	0.19	0	31.15	19.58	0.1	1.3	0	31.61	15.98	0.07	99.98	Sp
CAN150026	AN681515	3	121	C	0.3	0.36	0	10.77	29.01	0.04	1.43	0.01	49.33	8.52	0.12	99.59	Sp
CAN150026	AN681515	3	122	C	0.3	0.29	0.06	15.29	22.2	0.03	0.01	0	50.66	11.14	0.19	99.87	Sp
CAN150026	AN681615	3	123	C	0.3	0.46	0.04	20.6	7.74	41.47	0.11	6.13	4.65	19.56	0	100.76	Ga
CAN150026	AN681615	3	124	C	0.3	0.78	0.09	0.05	45.81	0	52.66	0.01	0	0.92	0.01	100.33	II
CAN150026	AN681615	3	125	C	0.3	0.35	0.01	0.44	36.33	0	51.7	0.04	0.05	10.36	0.03	99.31	II
CAN150026	AN681615	3	126	C	0.3	0.28	0.06	0.46	38.19	0.05	50.93	0.02	0.04	9.23	0	99.26	II
CAN150026	AN681615	3	127	C	0.3	0.63	0.03	0.01	44.58	0	52.27	0.01	0.01	2.19	0.06	99.79	II
CAN150026	AN681615	3	128	C	0.3	0.26	0.09	0.31	42.68	0	47.8	0.01	0.36	7.22	0.07	98.8	II
CAN150026	AN681615	3	129	C	0.3	0.25	0.12	0.42	38.12	0.01	50.41	0.03	0.12	9.42	0.04	98.94	II
CAN150026	AN681615	3	130	C	0.3	0.31	0.05	0.44	39.2	0.01	50.5	0.04	0.07	8.76	0.04	99.42	II

**Goldstake - CAN150025/0026**  
**Microprobe Analysis Report**

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN150026	AN681615	3	131	C	0.3	0.24	0.06	0.33	40.75	0	49.11	0.01	0.66	7.9	0.05	99.11	II
CAN150026	AN681615	3	132	C	0.3	0.31	0	0.25	44.27	0	46.99	0.02	0.26	6.44	0.01	98.55	II
CAN150026	AN681615	3	133	C	0.3	0.28	0.01	0.2	41.73	0.01	48.18	0.01	0.28	7.8	0.01	98.51	II
CAN150026	AN681615	3	134	C	0.3	0.26	0.13	0.47	38.36	0	50.43	0.06	0.12	9.23	0.01	99.07	II
CAN150026	AN681615	3	135	C	0.3	2.4	0.04	11.08	34.49	0.05	0.46	0	49.25	1.63	0.52	99.92	II
CAN150026	AN681615	3	136	C	0.3	0.38	0.01	0.46	32.86	0.02	51.16	0.05	2.56	11.8	0.01	99.31	II
CAN150026	AN681615	3	137	C	0.3	0.26	0.01	0.35	40.54	0	48.77	0.02	0.84	8.54	0	99.33	II
CAN150026	AN681615	3	138	C	0.3	0.6	0	0.05	46.45	0	51.28	0.01	0.03	1.51	0	99.93	II
CAN150026	AN681615	3	139	C	0.3	0.34	0.03	0.41	35.29	0	51.3	0.06	0.12	11.74	0.03	99.32	II
CAN150026	AN681615	3	140	C	0.3	0.28	0	0.24	42.88	0.03	47.9	0.02	0.14	7.11	0.02	98.62	II
CAN150026	AN681615	3	141	C	0.3	0.44	0.07	14.01	24.07	0.04	0.26	0	53.35	7.71	0.41	100.36	Sp
CAN150026	AN681615	3	142	C	0.3	0.24	0.02	28.15	24.04	0.11	0.57	0	33.1	13.65	0.1	99.98	Sp
CAN150026	AN681615	3	143	C	0.3	0.32	0.02	14.47	35.69	0.13	0.36	0	47.35	1.35	0.18	99.87	Sp
CAN150026	AN681615	3	144	C	0.3	0.25	0	4.88	16.29	0.14	0.16	0	64.59	13.7	0.06	100.07	Sp
CAN150026	AN681615	3	145	C	0.3	0.22	0.05	24.45	16.55	0.06	1.49	0.01	40.75	16.02	0.1	99.7	Sp
CAN150026	AN681615	3	146	C	0.3	0.32	0.06	13.69	25.43	0.09	0.31	0	51.36	8.57	0.11	99.94	Sp
CAN150026	AN681615	3	147	C	0.3	0.65	0.06	11.85	27.04	0.04	0.26	0	52.66	6.63	0.8	99.99	Sp
CAN150026	AN681615	3	148	C	0.3	0.5	0.02	12.84	25.6	0.02	0.3	0	52.32	7.39	0.37	99.36	Sp
CAN150026	AN681615	3	149	C	0.3	0.28	0	14.54	18.75	0.08	0.3	0	53.31	12.7	0.09	100.05	Sp
CAN150025	AN681815	8	35	C	0.3	0.79	0	11.25	27.34	0.09	0.35	0.01	52.17	6.85	0.42	99.27	Sp
CAN150025	AN681815	8	36	C	0.3	0.46	0.05	14.71	23.16	0.11	0.25	0.01	52.36	7.75	0.54	99.4	Sp
CAN150025	AN681815	8	37	C2	0.3	0.52	0.05	12.39	27.93	0.08	0.53	0.02	52.25	5.86	0.44	100.07	Sp
CAN150025	AN681815	8	38	C	0.3	0.42	0	14.2	24.25	0.07	0.37	0.01	52.96	7.13	0.26	99.67	Sp
CAN150025	AN681815	8	39	C	0.3	0.65	0.05	12.3	30.67	0.06	0.51	0	49.11	4.85	0.43	98.63	Sp
CAN150025	AN681815	8	40	C	0.3	0.45	0	13.21	23.9	0.09	0.36	0	52.93	7.88	0.14	98.96	Sp
CAN150025	AN681915	8	41	C	0.3	0.25	0.05	10.22	34.22	0.07	0.25	0	52.13	1.62	0.44	99.25	Sp
CAN150025	AN681915	8	42	C	0.3	0.36	0.02	20.71	36.91	0.06	0.4	0	32.9	6.41	0.33	98.1	Sp
CAN150025	AN681915	8	43	C	0.3	0.34	0.07	20.94	36.68	0.03	0.38	0.01	32.57	6.66	0.36	98.04	Sp
CAN150025	AN681915	8	44	C	0.3	0.48	0	13.06	25.73	0.04	0.2	0.01	51.8	7.45	0.45	99.22	Sp
CAN150025	AN681915	8	45	C	0.3	0.29	0	13.65	18.33	0.07	0.35	0	55.18	11.18	0.15	99.2	Sp
CAN150025	AN682215	8	46	C	0.3	0.29	0	0.47	34.91	0	52.66	0.01	0.12	10.88	0.01	99.35	II
CAN150025	AN682215	8	47	C	0.3	0.3	0.06	0.43	34.59	0.01	52.94	0.02	0.13	11	0.02	99.5	II
CAN150025	AN682215	8	48	C	0.3	0.23	0.05	0.39	34.26	0.19	52.96	0.07	0.11	10.99	0	99.25	II
CAN150025	AN682215	8	49	C	0.3	0.27	0	0.55	32.69	0.04	53.6	0.02	0.21	11.48	0	98.86	II
CAN150025	AN682215	8	50	C	0.3	0.24	0.02	0.66	33.22	0	53.45	0.02	0.17	11.59	0	99.37	II
CAN150025	AN682315	8	51	C	0.3	0.18	0.07	0.68	26.67	0.05	56.18	0.04	0.82	14.6	0.06	99.35	II
CAN150026	AN682515	3	150	C	0.3	0.21	0.01	31.68	21.7	0.06	1.22	0.01	29.06	15.14	0.1	99.19	Sp
CAN150025	AN735415	8	162	C	0.3	0.57	0.02	0.05	44.29	0	52.18	0	0	2.65	0.06	99.82	II
CAN150025	AN735415	8	163	C	0.3	0.26	0.11	0.56	35.29	0.01	52.33	0.03	0.15	10.42	0.01	99.17	II
CAN150025	AN735415	8	164	C	0.3	0.32	0.07	0.16	39.42	0	49.62	0.01	0.63	8.31	0.05	98.59	II
CAN150025	AN735415	8	165	C	0.3	0.08	0.35	1.02	3.21	53.54	0.16	23.42	0.73	17.25	0	99.76	Cd
CAN150025	AN735415	8	166	C	0.3	0.31	0.08	7.72	17.45	0.01	0.06	0.01	63.04	11.05	0.19	99.92	Sp
CAN150025	AN735415	8	167	C	0.3	0.23	0	13.96	14.65	0.14	0.27	0	54.79	14.59	0.05	98.68	Sp
CAN150025	AN735415	8	168	C	0.3	0.43	0.25	11.44	35.88	1.88	2.41	0	43.73	3.21	0.35	99.58	Sp
CAN150025	AN735415	8	169	C	0.3	0.3	0.01	14.3	16.98	0	0.03	0.01	55.61	11.72	0.19	99.15	Sp
CAN150025	AN735415	8	170	C	0.3	0.47	0.08	11.53	25.6	0.08	0.28	0	54.36	6.59	0.42	99.41	Sp
CAN150025	AN735415	8	171	C	0.3	0.54	0	11.64	28.53	0.12	0.31	0	52.47	5.17	0.39	99.17	Sp
CAN150026	AN736915	4	163	C	0.3	0.32	0	0.65	31.09	0.01	54.77	0.03	0.22	12.75	0.04	99.88	II
CAN150026	AN736915	4	164	C	0.3	0.06	0	0.13	53.79	0	42.67	0.02	0.07	1.41	0.07	98.22	II
CAN150026	AN736915	4	165	C	0.3	0.27	0.14	0.58	34.8	0.03	52.83	0.02	0.19	10.69	0.07	99.62	II

**Goldstake - CAN150025/0026**  
**Microprobe Analysis Report**

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN150026	AN736915	4	166	C	0.3	0.66	0	0.03	47.24	0	51.88	0	0.01	0.33	0.03	100.18	Sp
CAN150026	AN736915	4	167	C	0.3	0.28	0.04	13.93	31.38	0.03	0.31	0	50.15	3.39	0.37	99.88	Sp
CAN150026	AN736915	4	168	C	0.3	0.34	0.05	11.21	23.17	0	0.06	0	54.79	10.15	0.2	99.97	Sp
CAN150025	AN738215	9	76	C	0.3	0.41	0.03	20.42	6.87	41.61	0.15	5.15	4.42	20.88	0	99.94	Ga
CAN150025	AN738215	9	77	C	0.3	0.27	0.05	18.49	5.91	41.6	0.32	5.92	6.8	20.95	0.01	100.32	Ga
CAN150025	AN738215	9	78	C	0.3	0.29	0.08	18.73	6.24	41.69	0.32	5.73	6.5	20.86	0	100.44	Ga
CAN150025	AN738215	9	79	C	0.3	0.45	0.03	19.11	7.47	41.63	0.14	5.73	6.47	19.83	0	100.86	Ga
CAN150025	AN738215	9	80	C	0.3	0.41	0.06	21.09	7.84	41.66	0.25	5.05	3.39	20.68	0	100.43	Ga
CAN150025	AN738215	9	81	C	0.3	0.4	0.04	20.99	8.04	41.98	0.2	5.1	3.75	20.5	0.01	101.01	Ga
CAN150025	AN738215	9	82	C	0.3	0.29	0.12	21.12	6.37	41.98	0.56	4.93	3.09	21.99	0	100.45	Ga
CAN150025	AN738215	9	83	C	0.3	0.3	0.03	20.66	8.31	41.97	1.04	5.37	2.11	20.42	0	100.21	Ga
CAN150025	AN738215	9	84	C	0.3	0.37	0.13	21.71	11.34	41.76	0.96	4.72	0.18	19.29	0.04	100.5	Ga
CAN150025	AN738215	9	85	C	0.3	0.65	0.02	21.3	8.84	41.66	0	5.54	3.36	19.33	0.02	100.72	Ga
CAN150025	AN738215	9	86	C	0.3	0.5	0.04	21.22	7.53	42.07	0	4.97	3.52	20.67	0.02	100.54	Ga
CAN150025	AN738215	9	87	C	0.3	0.26	0.06	0.56	32.93	0.01	53.35	0.03	0.28	11.8	0.03	99.31	Il
CAN150025	AN738215	9	88	C	0.3	0.23	0.08	0.55	33.55	0.03	53.2	0.02	0.18	11.63	0.06	99.53	Il
CAN150025	AN738215	9	89	C	0.3	0.29	0.05	0.28	36.41	0.01	51.72	0.02	0.53	9.88	0.04	99.23	Il
CAN150025	AN738215	9	90	C	0.3	0.25	0.03	0.26	36.34	0.05	51.62	0.02	0.46	9.77	0.08	98.88	Il
CAN150025	AN738215	9	91	C	0.3	0.26	0.01	0.14	47.96	0	42.06	0.01	1.42	5.21	0.01	97.08	Il
CAN150025	AN738215	9	92	C	0.3	0.3	0.02	0.21	36.3	0	51.11	0.03	0.51	10.43	0.01	98.92	Il
CAN150025	AN738215	9	93	C	0.3	0.31	0.01	0.19	38.67	0	50.92	0	0.53	8.89	0	99.52	Il
CAN150025	AN738215	9	94	C	0.3	0.24	0.06	0.56	35.11	0.01	52.64	0.01	0.14	10.71	0.03	99.51	Il
CAN150025	AN738215	9	95	C	0.3	0.22	0.09	0.61	34.67	0	52.48	0.02	0.38	10.82	0	99.29	Il
CAN150025	AN738215	9	96	C	0.3	0.29	0	0.1	40.24	0.06	49.28	0.01	0.42	8.09	0.04	98.53	Il
CAN150025	AN738215	9	97	C	0.3	0.31	0.02	14.38	16.62	0	0.04	0	56.47	12.23	0.15	100.22	Sp
CAN150025	AN738215	9	98	C	0.3	0.21	0	29.33	19.03	0.11	1.29	0	33.36	15.99	0.05	99.37	Sp
CAN150025	AN738215	9	99	C	0.3	0.38	0	6.05	18.81	0	0.03	0	64.09	10.7	0.16	100.22	Sp
CAN150025	AN738215	9	100	C	0.3	0.26	0.04	15.13	19.89	0.01	0.65	0.01	51.56	11.62	0.23	99.4	Sp
CAN150025	AN738215	9	101	C	0.3	0.24	0	15.58	15.95	0.04	0	0	54.74	13.65	0.05	100.25	Sp
CAN150025	AN738215	9	102	C	0.3	0.31	0	16.27	20.17	0.02	0.02	0	51.1	11.77	0.21	99.87	Sp
CAN150025	AN738215	9	103	C	0.3	0.58	0	6.62	25.92	0.06	0.33	0.01	58.01	8.34	0.34	100.21	Sp
CAN150025	AN738215	9	104	C	0.3	0.29	0.05	13.14	24.06	0.01	1.15	0.02	49.33	10.96	0.15	99.16	Sp
CAN150025	AN738215	9	105	C	0.3	0.34	0.03	11.05	19.28	0.04	0.06	0	58.29	10.85	0.16	100.1	Sp
CAN150025	AN738215	9	106	C	0.3	0.39	0	14.25	23.96	0.03	0.17	0	51.34	9.41	0.1	99.65	Sp
CAN150025	AN738215	9	107	C	0.3	0.46	0.07	5.59	27.11	0.03	1.67	0	56.67	8.15	0.17	99.92	Sp
CAN150025	AN738215	9	108	C	0.3	0.43	0.02	7.96	22.13	0	0.94	0	58.05	10.15	0.14	99.82	Sp
CAN150025	AN738215	9	109	C	0.3	0.28	0.04	13.75	18.76	0.13	0.28	0.01	53.88	12.53	0.05	99.71	Sp
CAN150025	AN738215	9	110	C	0.3	0.37	0	11.88	23.31	0.03	0.24	0	54.07	9.93	0.12	99.95	Sp
CAN150025	AN738215	9	111	C	0.3	0.33	0.04	5.68	24.99	0.09	1.67	0	56.14	10.5	0.07	99.51	Sp
CAN150025	AN738215	9	112	C	0.3	0.26	0.03	13.95	18.31	0.12	0.3	0	54.1	12.56	0.04	99.67	Sp
CAN150025	AN738215	9	113	C	0.3	0.5	0	12.26	27.98	0.02	0.37	0	52.86	5.71	0.21	99.91	Sp
CAN150025	AN738815	9	114	C	0.3	0.27	0	0.4	37.26	0	51.46	0.02	0.12	9.6	0.01	99.14	Il
CAN150025	AN738815	9	115	C	0.3	0.3	0.01	0.19	38.84	0.01	50.13	0.02	0.54	8.54	0.1	98.68	Il
CAN150025	AN738815	9	116	C	0.3	0.34	0.01	0.37	30.86	0	53.26	0.08	0.54	13.49	0	98.95	Il
CAN150025	AN738815	9	117	C	0.3	0.53	0.04	12.92	26.54	0.08	0.42	0	52.54	6.41	0.18	99.66	Sp
CAN150025	AN738815	9	118	C	0.3	0.56	0.03	14.15	28.06	0.03	0.73	0.01	48.5	7.08	0.2	99.35	Sp
CAN150025	AN738815	9	119	C	0.3	0.68	0.02	12.95	24.58	0.07	0.21	0	52.44	8.53	0.35	99.83	Sp
CAN150025	AN738815	9	120	C	0.3	0.27	0	14.98	21.34	0.12	0.34	0.01	51.38	11.17	0.08	99.69	Sp
CAN150025	AN738815	9	121	C	0.3	0.38	0.05	13.68	25.11	0.02	0.29	0	50.86	9.39	0.19	99.97	Sp
CAN150025	AN738815	9	122	C	0.3	0.65	0.1	13.25	31.14	0.07	0.75	0	49.16	4.53	0.27	99.92	Sp

Goldstake - CAN150025/0026  
Microprobe Analysis Report

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN150025	AN738815	9	123	C	0.3	0.19	0	14.79	13.62	0.06	0.33	0.01	54.94	15.78	0.11	99.83	Sp
CAN150025	AN739515	9	124	C	0.3	0.31	0.03	15.87	6.36	40.6	0.64	6.24	9.9	20.07	0	100.02	Ga
CAN150025	AN739515	9	125	C	0.3	0.4	0.06	20.81	8.07	41.58	0.35	5.24	3.47	20.17	0	100.15	Ga
CAN150025	AN739515	9	126	C	0.3	0.63	0.04	21.3	8.15	41.59	0.01	6.06	3.4	19.2	0	100.38	Ga
CAN150025	AN739515	9	127	C	0.3	0.34	0.08	15.58	6.42	40.37	0.8	6.38	9.78	19.83	0.02	99.6	Ga
CAN150025	AN739515	9	128	C	0.3	0.39	0.1	22.24	11.07	41.63	0.76	4.6	0.27	19.22	0	100.28	Ga
CAN150025	AN739515	9	129	C	0.3	0.64	0	21.8	8.26	41.77	0.02	5.48	3.26	19.62	0	100.85	Ga
CAN150025	AN739515	9	130	C	0.3	0.49	0.09	20.16	8.72	41.37	0.29	5.51	4.14	19.26	0.06	100.09	Ga
CAN150025	AN739515	9	131	C	0.3	0.34	0.07	15.58	6.45	40.55	0.63	6.21	10.01	20.15	0.06	100.05	Ga
CAN150025	AN739515	9	132	C	0.3	0.3	0.01	0.61	34	0.02	53.03	0.03	0.17	11.25	0.03	99.45	II
CAN150025	AN739515	9	133	C	0.3	0.33	0.05	0.46	32.16	0.02	53.82	0.06	0.06	12.42	0	99.38	II
CAN150025	AN739515	9	134	C	0.3	0.24	0.07	0.7	26.62	0.05	56.33	0.04	0.74	14.94	0.04	99.77	II
CAN150025	AN739515	9	135	C	0.3	0.26	0.06	0.63	33.28	0	53.49	0.04	0.22	11.75	0.05	99.78	II
CAN150025	AN739515	9	136	C	0.3	0.21	0	0.27	43.6	0	44.67	0.02	0.71	7.66	0.05	97.19	II
CAN150025	AN739515	9	137	C	0.3	0.26	0.01	0.58	34.22	0.02	52.9	0.04	0.19	10.72	0.05	98.99	II
CAN150025	AN739515	9	138	C	0.3	0.25	0	0.51	32.39	0.01	53.67	0.05	0.18	12.23	0.06	99.35	II
CAN150025	AN739515	9	139	C	0.3	0.26	0.03	0.55	33.01	0	53.73	0.04	0.19	11.18	0.02	99.01	II
CAN150025	AN739515	9	140	C	0.3	0.3	0	0.22	35.3	0	51.49	0.03	0.43	11.06	0.06	98.89	II
CAN150025	AN739515	9	141	C	0.3	0.26	0.03	0.21	37.29	0.01	50.84	0.02	0.44	9.76	0.04	98.9	II
CAN150025	AN739515	9	142	C	0.3	0.28	0.05	0.5	33.83	0	53.29	0.02	0.11	11.08	0.05	99.21	II
CAN150025	AN739515	9	143	C	0.3	0.21	0	14.8	13.99	0.1	0.3	0	55.03	15.54	0.01	99.98	Sp
CAN150025	AN739515	9	144	C	0.3	0.39	0	11.89	26.21	0.03	0.22	0.01	50.95	9.3	0.08	99.08	Sp
CAN150025	AN739515	9	145	C	0.3	0.43	0.01	13.04	29.54	0.06	0.45	0.01	48.96	6.37	0.36	99.23	Sp
CAN150025	AN739515	9	146	C	0.3	0.18	0	24.81	15.97	0.14	0.92	0.02	41.15	16.29	0.04	99.52	Sp
CAN150025	AN739515	9	147	C	0.3	0.19	0.02	33.51	19.22	0.07	1.21	0	29.08	16.41	0.11	99.82	Sp
CAN150025	AN739515	9	148	C	0.3	0.36	0.08	8.35	19.04	0	0.17	0	61.86	10.05	0.16	100.07	Sp
CAN150025	AN739615	9	149	C	0.3	0.19	0.03	30.75	18.28	0.13	1.33	0	32.26	16.3	0.1	99.37	Sp
CAN150025	AN739615	9	150	C	0.3	0.28	0	13.99	17.12	0.08	0.29	0	55.01	13.33	0.06	100.16	Sp
CAN150026	AN739815	7	8	C	0.3	0.24	0.05	0.49	31.47	0.02	54.23	0.03	0.08	12.99	0	99.6	II
CAN150026	AN739815	7	9	C	0.3	0.81	0.04	12.24	32.61	0.08	0.36	0	50.32	2.57	0.46	99.49	Sp
CAN150026	AN739815	7	10	C	0.3	0.3	0	12.61	22.48	0.05	0.38	0.01	53.75	10.33	0.1	100.01	Sp
CAN150026	AN739815	7	11	C	0.3	0.24	0	10.49	22.62	0.07	0.57	0	53.77	11.76	0.15	99.67	Sp
CAN150026	AN739815	7	12	C	0.3	0.44	0	15.8	23.45	0.06	0.3	0.01	50.86	8.33	0.46	99.71	Sp
CAN150025	AN740015	9	151	C	0.3	0.38	0.11	20.24	7.08	41.72	0.24	5.11	4.42	21.02	0.02	100.34	Ga
CAN150025	AN740015	9	152	C	0.3	0.27	0.06	0.41	40.34	0	49.61	0.01	0.04	8.18	0	98.92	II
CAN150025	AN740015	9	153	C	0.3	0.28	0.04	0.16	40.2	0	49.55	0.01	0.49	8.06	0.04	98.83	II
CAN150025	AN740015	9	154	C	0.3	0.13	0.59	1.31	5.58	52.83	0.42	21.47	1.09	16.72	0	100.14	Cd
CAN150025	AN740015	9	155	C	0.3	0.35	0	13.6	21.67	0.04	0.51	0	52.12	11.39	0.13	99.81	Sp
CAN150025	AN740015	9	156	C	0.3	0.91	0.08	13.76	30.42	0.03	0.82	0.01	47.45	5.68	0.29	99.45	Sp
CAN150025	AN740015	9	157	C	0.3	0.65	0	10.68	31.8	0.03	0.73	0	50.61	4.44	0.54	99.48	Sp
CAN150025	AN740015	9	158	C	0.3	0.84	0.1	14.32	33.38	0.11	0.29	0	47.99	1.1	1.28	99.41	Sp
CAN150025	AN740015	9	159	C	0.3	0.35	0	7.09	22.55	0.02	0.14	0	60.05	9.5	0.2	99.9	Sp
CAN150025	AN740015	9	160	C	0.3	0.4	0.01	13.99	24.24	0.08	0.36	0.02	53.39	6.86	0.28	99.63	Sp
CAN150025	AN740015	9	161	C	0.3	0.4	0.05	11.36	24.45	0.02	0.5	0	53.27	9.63	0.1	99.78	Sp



# Goldstake Summary of Work Completed- September 19<sup>th</sup>-22<sup>nd</sup>, 2015

A total of 38 till samples and eight glacial mapping points were collected on the Goldstake property from September 19<sup>th</sup> to 22<sup>nd</sup> (Figure 1). Due to time constraints, limited prospecting was done on one esker found on the property. No float samples were collected while prospecting. One of the field days (September 19<sup>th</sup>) was cut short due to poor weather conditions.

Three directions of ice flow are reported to have affected the Goldstake area. Based on the work by Veillette (1985), cross-cutting relationships indicate an older flow to the southwest, an intermediate flow to the south, followed by a youngest flow to the southeast.

The majority of the samples were allocated to verify sample positive kimberlitic indicator minerals provided by Goldstake earlier this year and to detect any dispersal trains associated with these grains. The two trench sites (1A and 2A) were visited and resampled and ice-flow measurements were recorded. Samples were then collected in fences up-ice of these trenches to pick up any possible dispersal trains from all the known ice-flow trajectories.

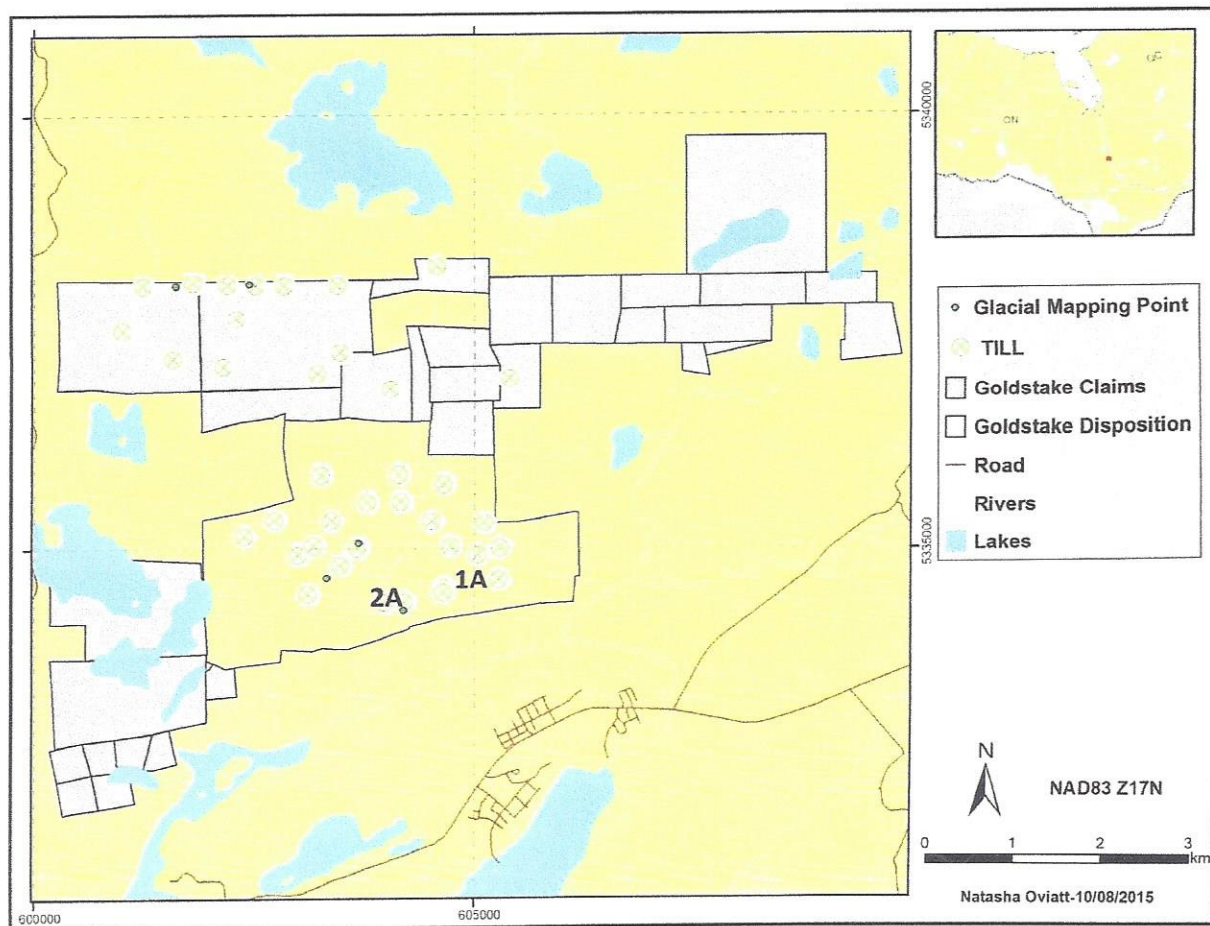


Figure 1. Locations of samples collected on Goldstake property from September 19<sup>th</sup> to 22<sup>nd</sup>.

## References:

Veillette, J.J., 1985. Former southwesterly ice flows in the Abitibi-Timiskaming region: implications for the configuration of the late Wisconsinan ice sheet. Geological Survey of Canada. *In: Canadian Journal of Earth Sciences*, v.23(11) p 1724-1741.

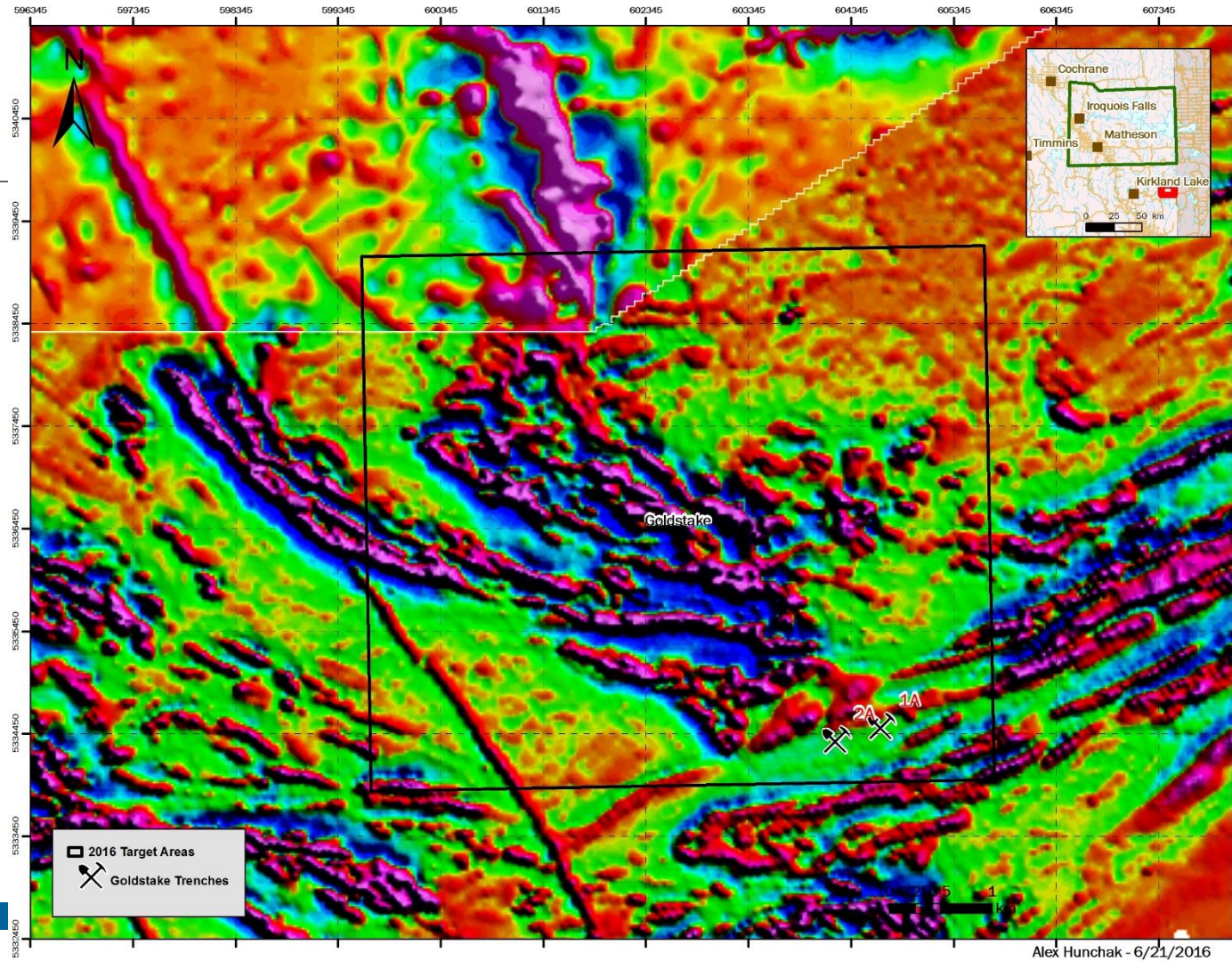
WORK PERFORMED BY NATASHA OVIATT OF DE BEERS ON CLAY PROPERTY SEPTEMBER 2015.

# 2016 GOLDSTAKE SAMPLING

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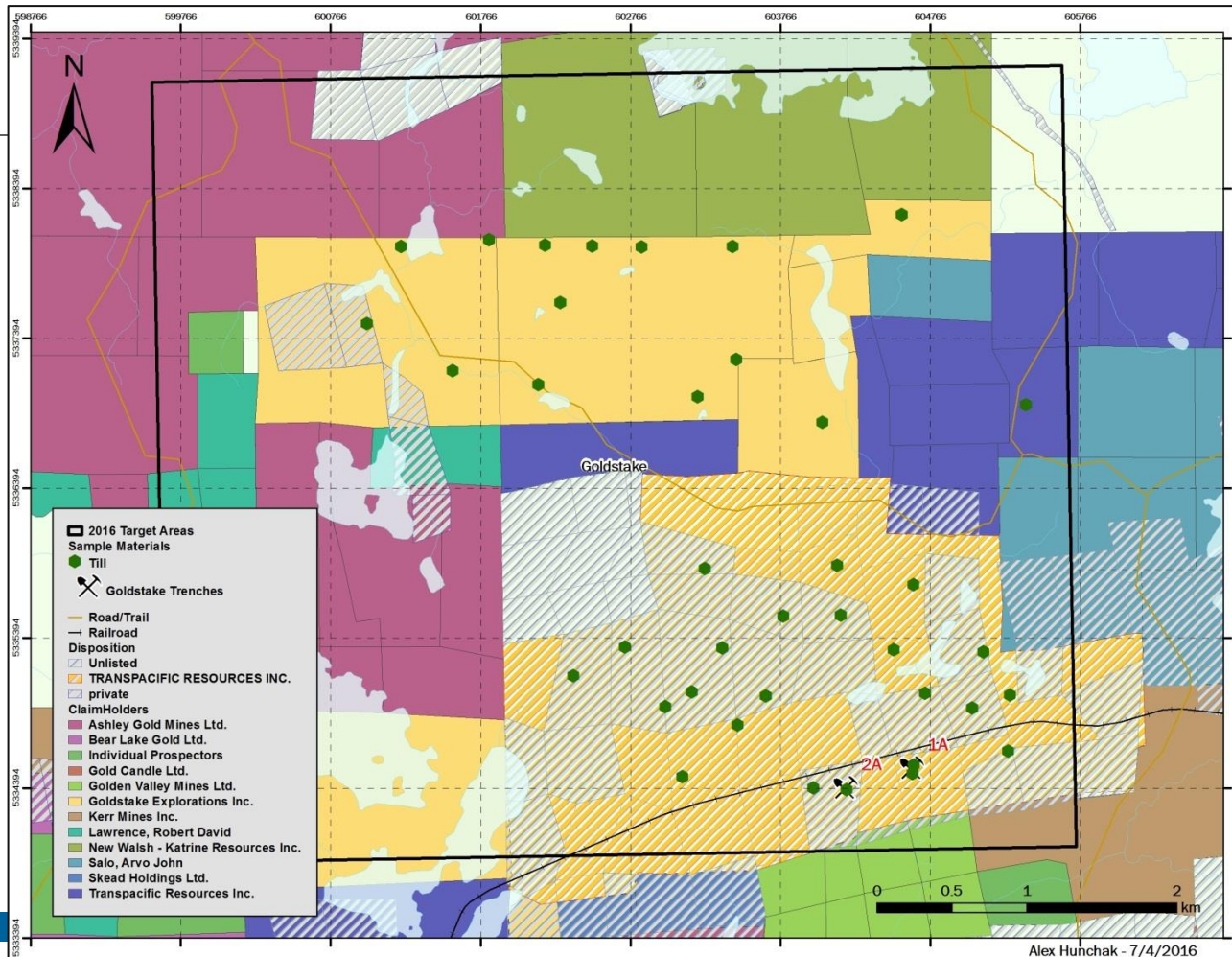
Alex Hunchak/July 7th

# GEOPHYSICS



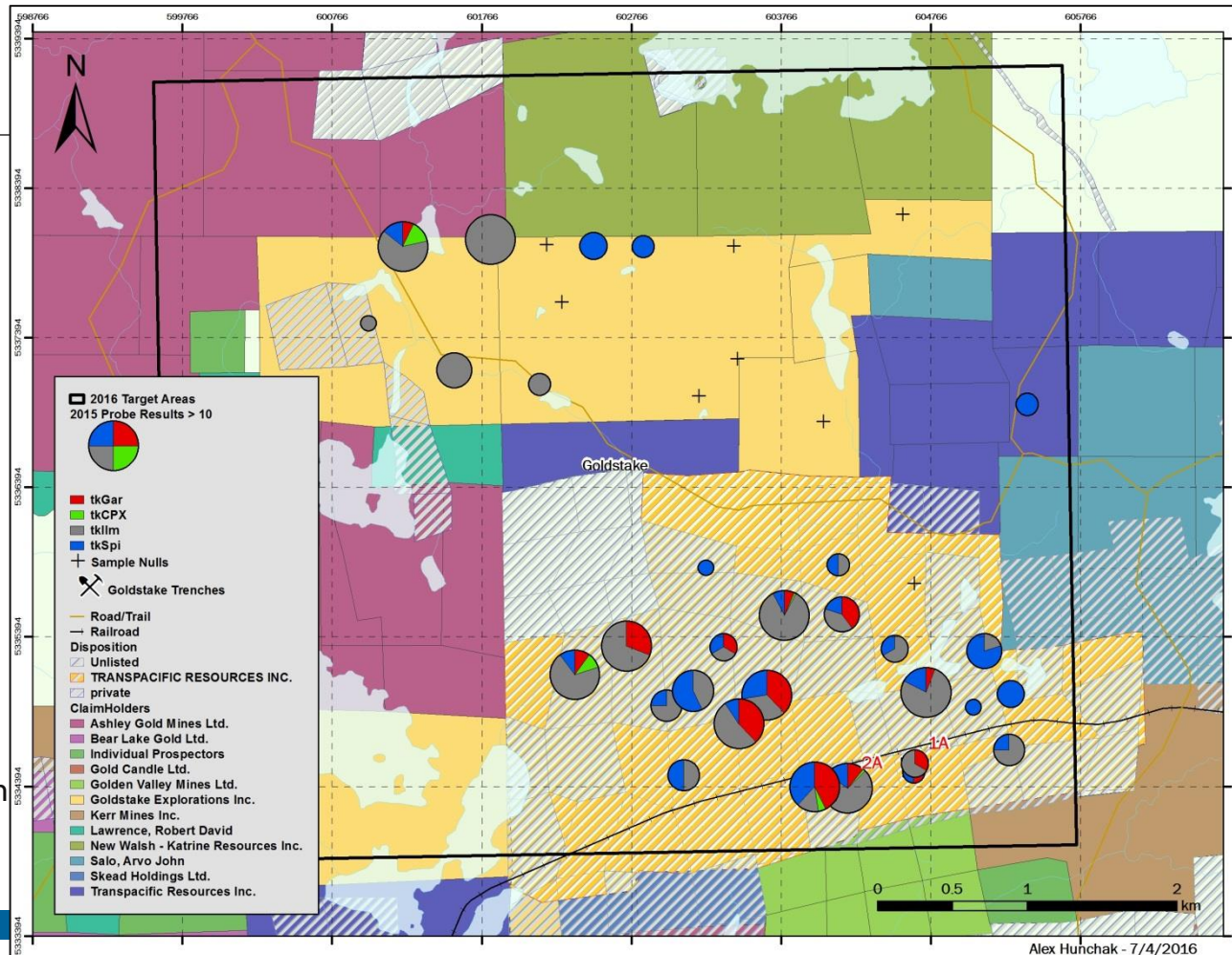
# SAMPLE LOCATIONS

- Collected 38 samples on Goldstake claims
- All 10 L till samples
- Sorted at Saskatchewan Research Council (SRC) for Garnet, Clinopyroxene (Chrome Diopside), Ilmenite, and Spinel (max 100)
- Electron Microprobe analysis completed at De Beers' Indicator Mineral Laboratory in Johannesburg

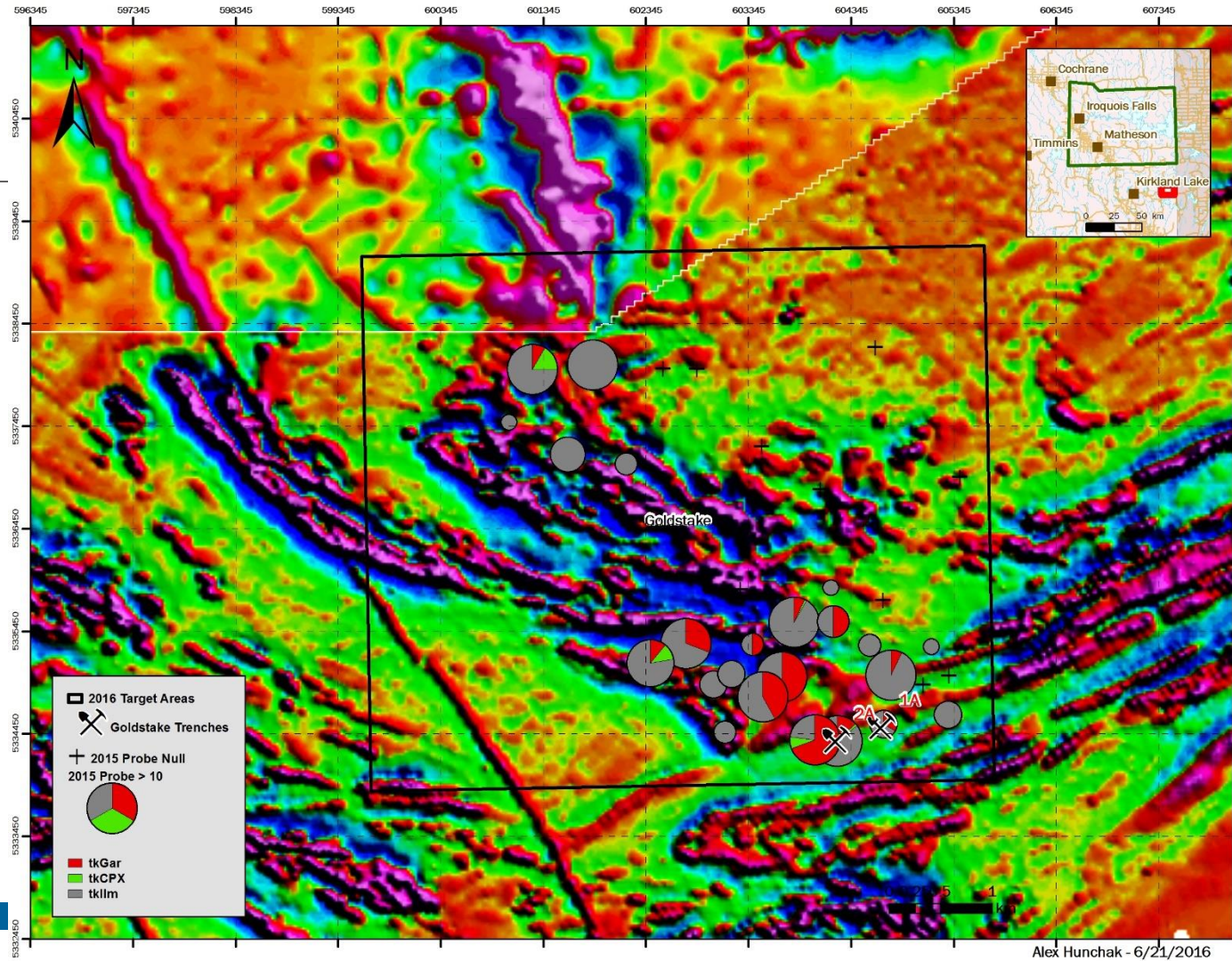


# SAMPLE RESULTS

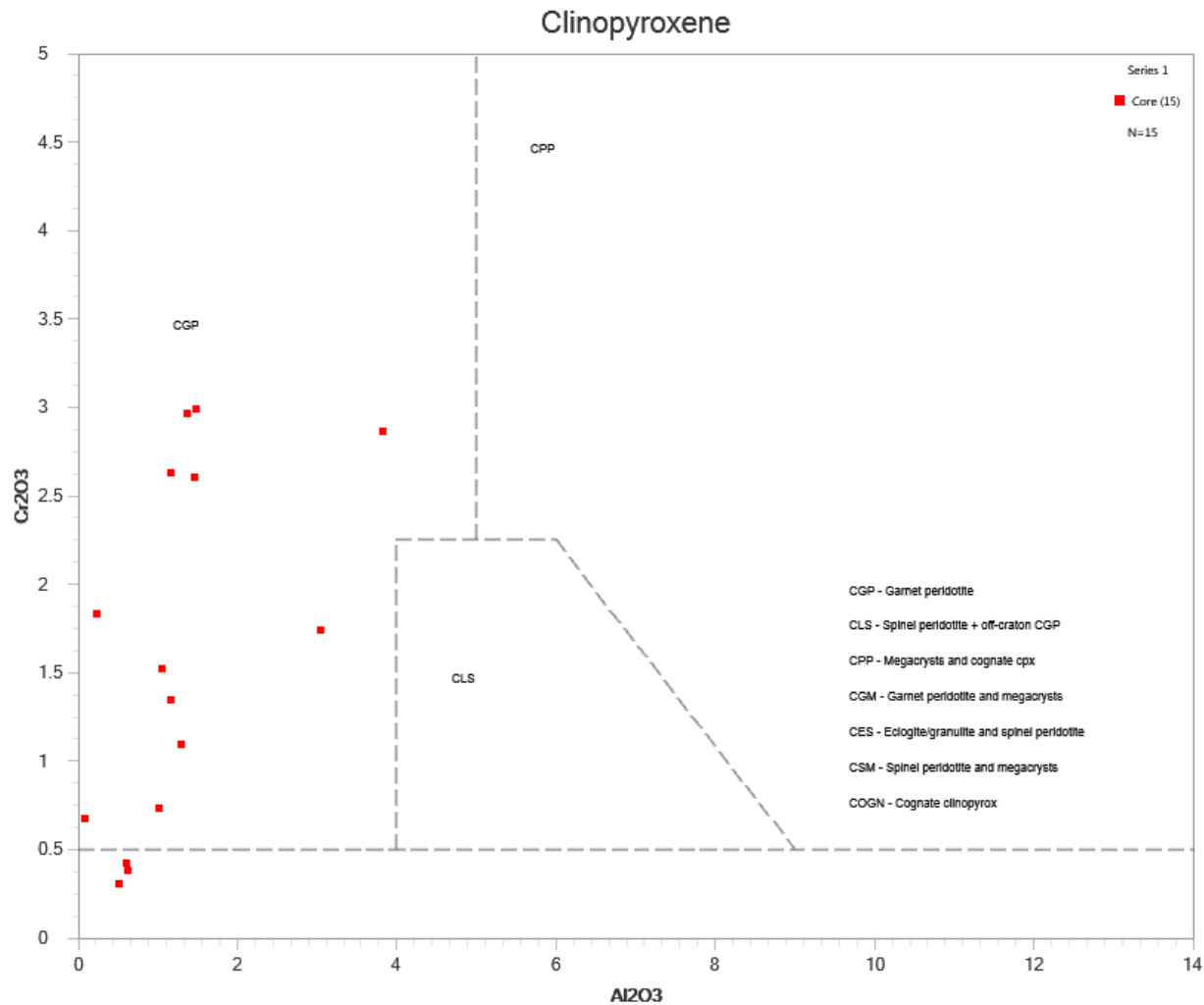
- Collected 38 samples on Goldstake claims
- All 10 L till samples
- Sorted at Saskatchewan Research Council (SRC) for Garnet, Clinopyroxene (Chrome Diopside), Ilmenite, and Spinel (max 100)
- Electron Microprobe analysis completed at De Beers' Indicator Mineral Laboratory in Johannesburg
- 8 null samples with no indicators
- Grain counts up to 171 (trench 2A)



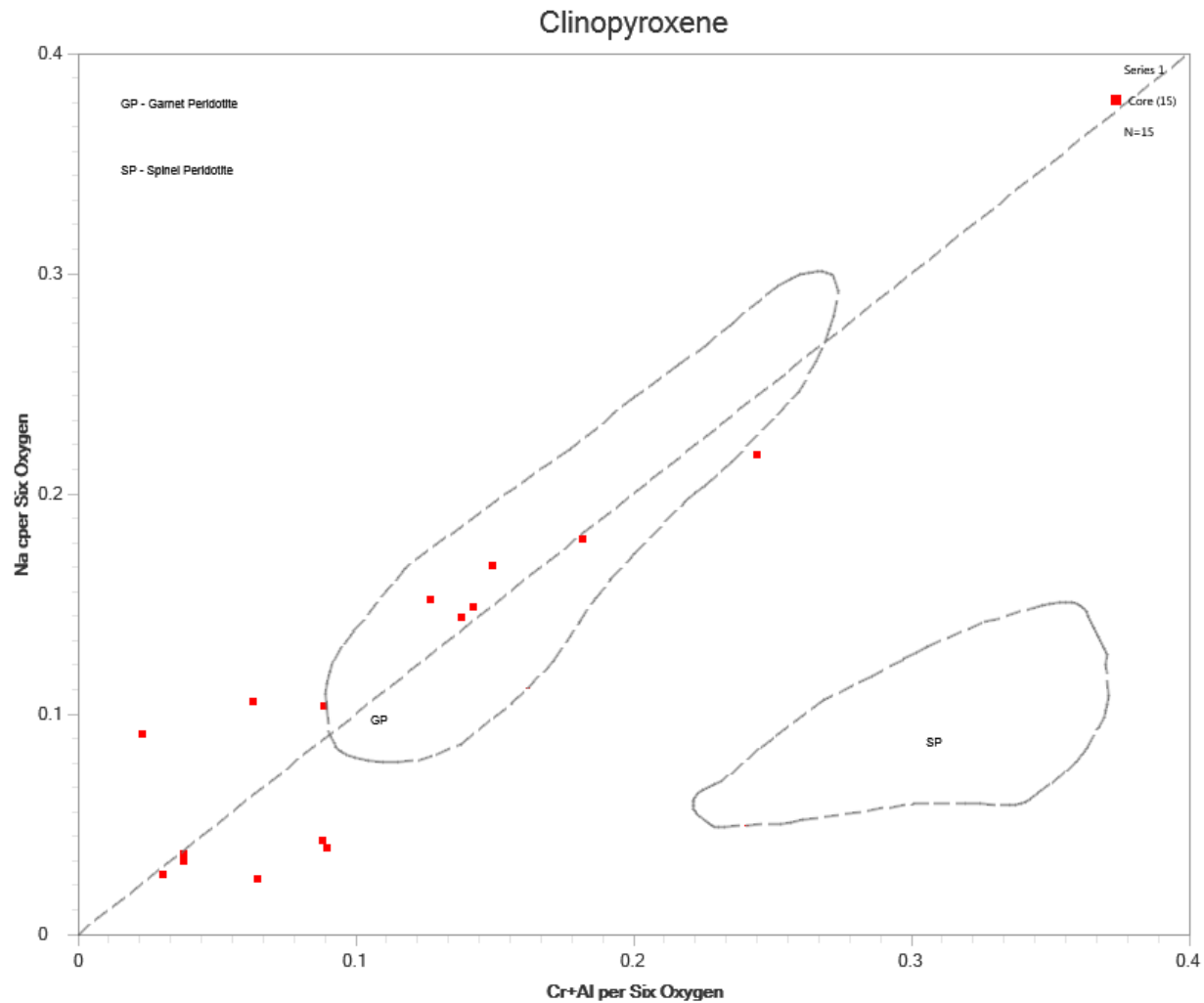
# SAMPLE RESULTS



# CLINOPYROXENE



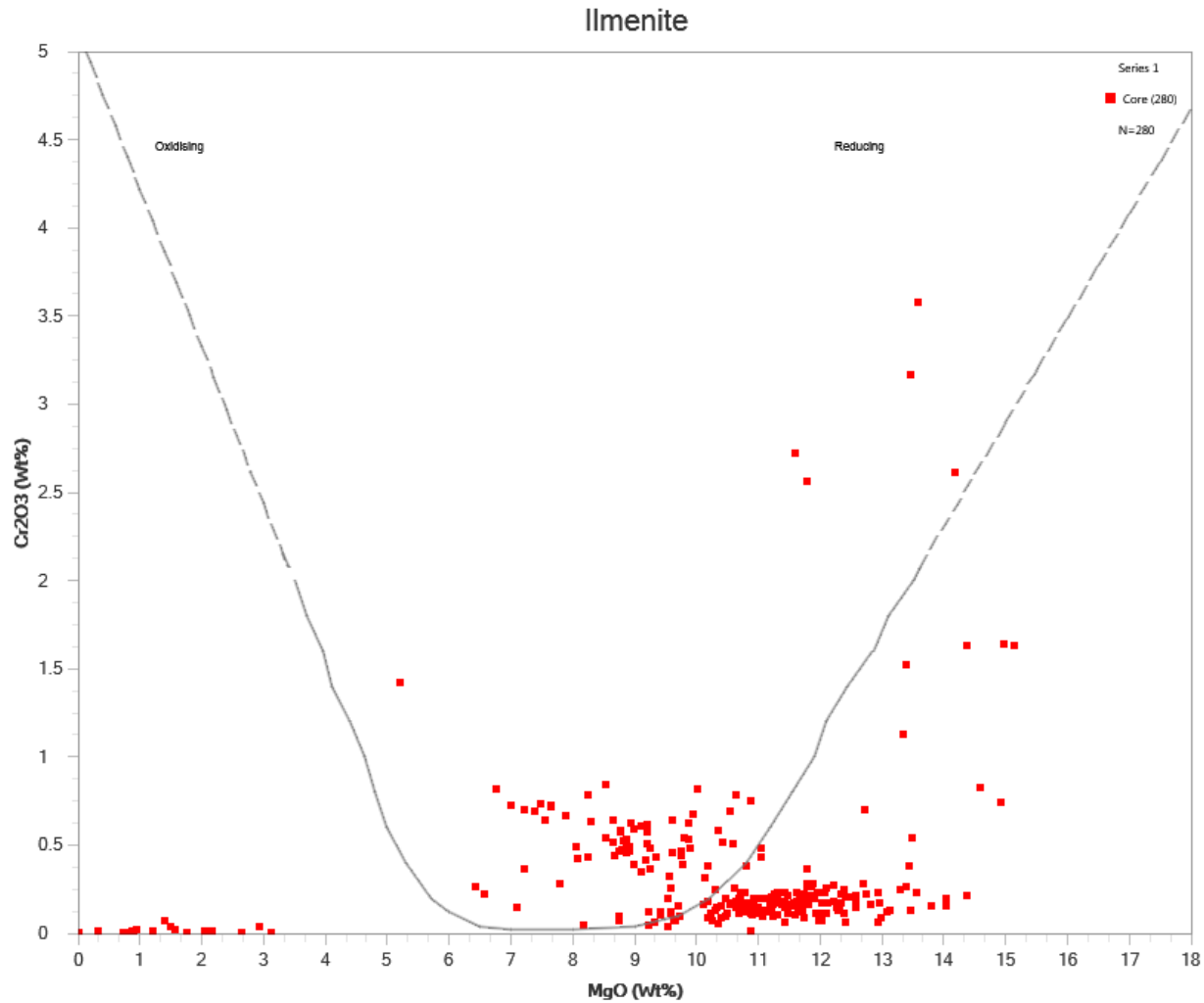
# CLINOPYROXENE



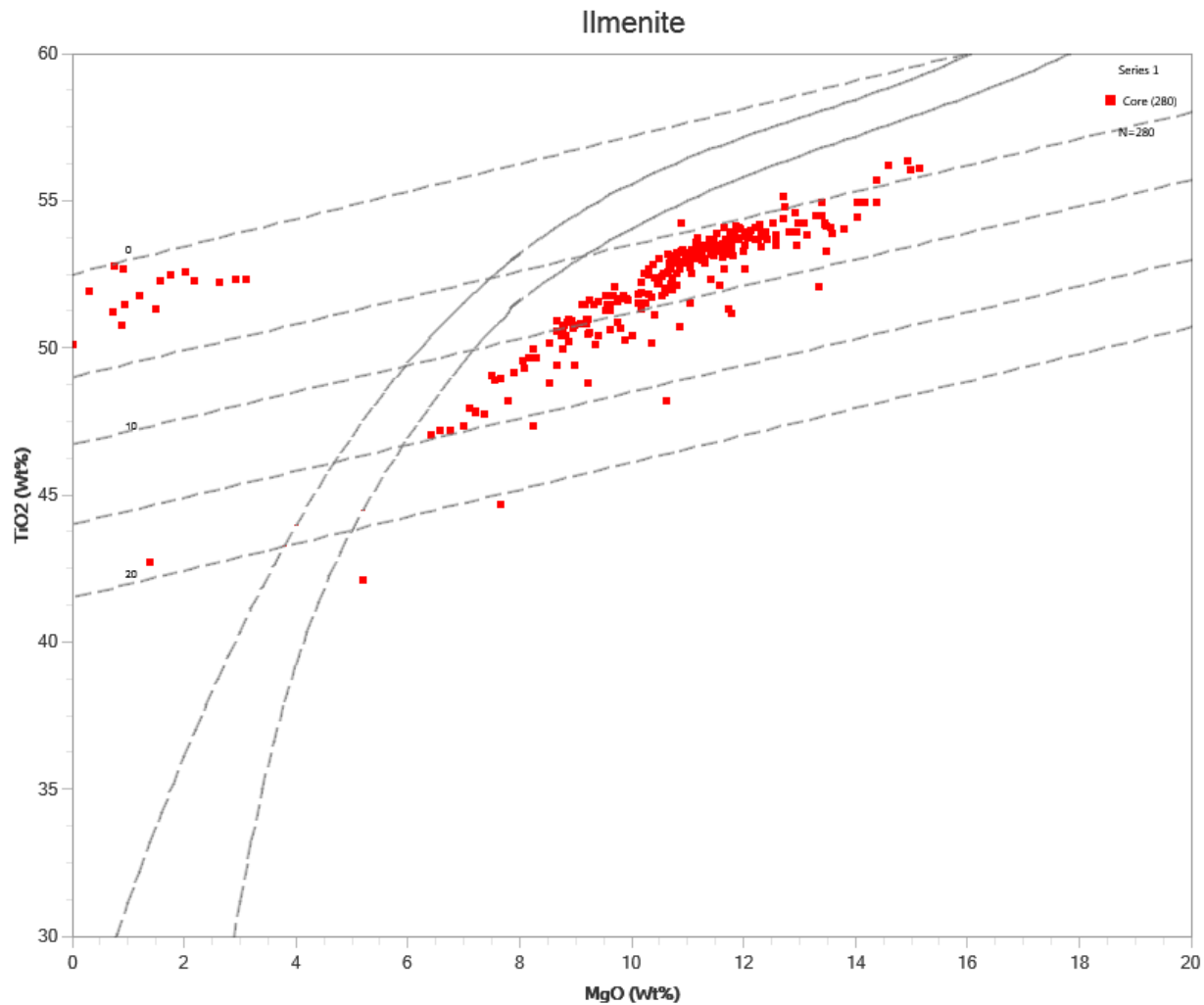




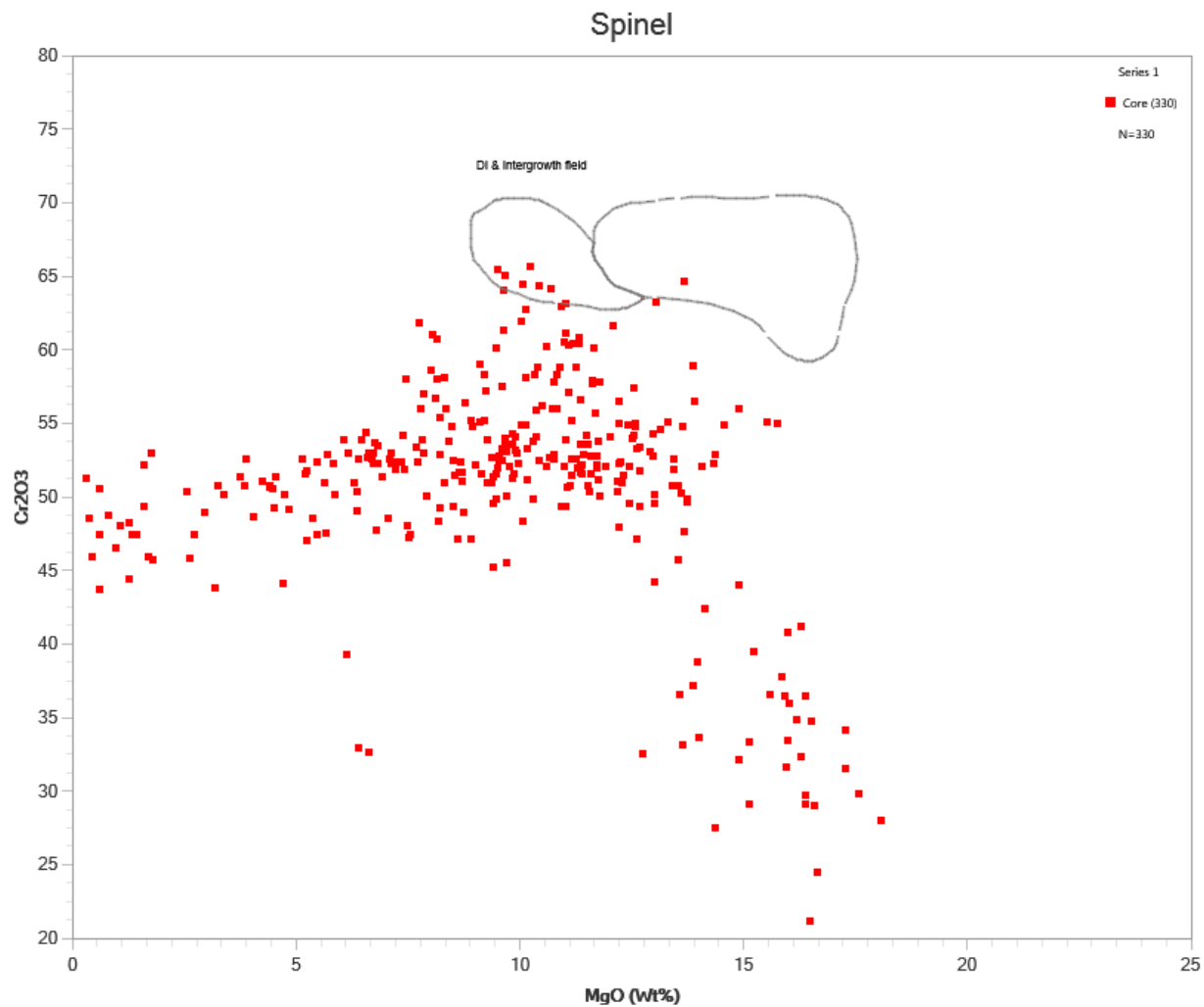
# ILMENITE



# ILMENITE



# SPINEL



# SPINEL

