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ASSESSMENT WORK PERFORMED

FOR

PAUL CENTIS

CLIENT #407432

LAW TOWNSHIP

SUDBURY MINING DIVISION

PREPARED BY PAUL CENTIS

JANUARY 27, 2022

## SUMMARY

From September 2019 to the end of October 2019, DeBeers Canada collected 39 till samples to evaluate the kimberlite minerals and diamond potential of Paul Centis claims located in Law Township of Ontario.

I wish to thank DeBeers' personnel for their efforts and providing the data contained in this report.

The attached reports and maps provide data describing the location of each sample, the terrain encountered and a description of material collected for each sample.

Debeers has also provided kimberlite indicator counts for each sample collected along with electron-probe results for all grains recovered from each sample. The corresponding graphs plotting garnet chemistry, chromite chemistry and ilmenite chemistry are also provided by DeBeers.

A breakdown of all expenses incurred by DeBeers is also attached showing all sampling related costs per claim.

Again, I would like to thank the DeBeers team and Chris Wallace for their assistance and professionalism throughout the entire process.

DeBeers_SampleID	PaulCentis_ClaimTitle	DateSampled	SiteAccessMode	QuantityCollected	SampleType	GlacialMaterialType	Sampler1	Sampler2	SampleRemark
AJ095419	530319	08-Sep-19	HELICOPTER	10	SEDIMENT	TILL	Spencer Killins	John Delgaty	HCL Reaction: None; Oxidization State: None; Degree of Reworking: Low; Topography: Gentle slope; Quality of Site: High; Comment on Site: Good site besides the roots.; Overall Remarks: This site has very good silt coated clasts, sandy material. Sampled on the sw side of topo high.
AJ095319	530319	08-Sep-19	HELICOPTER	10	SEDIMENT	BASAL TILL	Spencer Killins	John Delgaty	HCL Reaction: None; Oxidization State: None; Degree of Reworking: None; Topography: Flat; Quality of Site: High; Comment on Site: Gentle rolling terrain. Young growth of birch and pine; Overall Remarks: Good basal till. Silt coated clasts. Bullet shaped clasts. Vesicular texture. Cobbles present. Till veneer area with sparse outcrop exposures
AJ100019	550065	08-Sep-19	HELICOPTER	10	SEDIMENT	TILL	Spencer Killins	John Delgaty	HCL Reaction: None; Oxidization State: Low; Degree of Reworking: Low; Topography: Gentle slope; Quality of Site: Mediocre; Comment on Site: Gentle rolling terrain. Mixed tree cover.; Overall Remarks: Slightly reworked till. Mixed sandy orange till with lighter brown till. Low clast content. Silt coated clasts.
AJ095619	530321	08-Sep-19	HELICOPTER	10	SEDIMENT	TILL	Spencer Killins	John Delgaty	HCL Reaction: None; Oxidization State: None; Degree of Reworking: None; Topography: Hill top; Quality of Site: High; Comment on Site: On topo high with good till, this till is on the east side of a slight incline.; Overall Remarks: More silt in this till, also wet. This till is good with nice silt coated clasts and bullet shapes.
AJ095519	530322	08-Sep-19	HELICOPTER	10	SEDIMENT	TILL	Spencer Killins	John Delgaty	HCL Reaction: None; Oxidization State: Low; Degree of Reworking: High; Topography: Hill top; Quality of Site: High; Comment on Site: Good quality till on topo high in old growth.; Overall Remarks: This site has a variety of clasts all bullet shaped and silt coated. This hole is slightly oxidized. Good till.
AJ096619	530322	08-Sep-19	HELICOPTER	10	SEDIMENT	TILL	Spencer Killins	John Delgaty	HCL Reaction: None; Oxidization State: Low; Degree of Reworking: None; Topography: Hill top; Quality of Site: High; Comment on Site: On topo high with old growth.; Overall Remarks: This till has large bullet shaped clasts overall good quality till with some silt coated clasts. Mound of till sampled to 50cm depth.
AJ099419	550065	08-Sep-19	HELICOPTER	10	SEDIMENT	TILL	Spencer Killins	John Delgaty	HCL Reaction: None; Oxidization State: Low; Degree of Reworking: None; Topography: Hill top; Quality of Site: High; Comment on Site: Topo high sampled. Maple and birch tree dominant small rock ridge 30m to east.; Overall Remarks: A good till with equal parts sand and silt. Silt coated clasts. A couple of bullet shaped clasts. Till at surface. May be very slightly reworked.
AJ097819	549917	08-Sep-19	HELICOPTER	10	SEDIMENT	TILL	Sienna Johnson	Richard Lyon	Oxidization State: Low; Degree of Reworking: Medium; Topography: Hill flank; Quality of Site: Mediocre; Comment on Site: On the side of a steep small ridge.; Overall Remarks: Unoxidized till under slumped side of a hill. Very compact at the bottom of the pit where sample was taken. Possibly hit bedrock or v large boulder at bottom. Dry silty sample. Gravel/oversized clasts silt coatings appearing slightly degraded/removed?
AJ108619	549917	08-Sep-19	HELICOPTER	10	SEDIMENT	TILL	Sienna Johnson	Richard Lyon	Oxidization State: Medium; Degree of Reworking: Low; Topography: Ridge; Quality of Site: High; Comment on Site: Sampled next to a bedrock ridge ~1m tall.; Overall Remarks: Dug to less oxidized till with a variety of gravel and pebble clasts. Some v nicely preserved loosely cemented till fragments that could be broken or sanded through the grizzly. Very compact at end pit depth. Silt coated clasts abundant.
AJ096719	530321	08-Sep-19	HELICOPTER	10	SEDIMENT	TILL	Sienna Johnson	Richard Lyon	Oxidization State: Low; Degree of Reworking: Low; Topography: Undulating; Quality of Site: High; Comment on Site: Thick forest area with little disturbance and good elevation; Overall Remarks: Pit was silty at top. Good coloured unoxidized till below the first 25cm. Silt balls with pebbles present especially at the bottom of the pit.
AJ095819	530320	08-Sep-19	HELICOPTER	10	SEDIMENT	TILL	Sienna Johnson	Richard Lyon	Oxidization State: Low; Degree of Reworking: Medium; Topography: Gentle slope; Quality of Site: High; Comment on Site: Bouldery open forest.; Overall Remarks: Very bouldery pit with rounded cobbles throughout. Bullet gravel with good silt coats on all sides. Good till in between the oversized in the pit below the leached zone.

DeBeers_SampleID	PaulCentis_ClaimTitle	DateSampled	SiteAccessMode	QuantityCollected	SampleType	GlacialMaterialType	Sampler1	Sampler2	SampleRemark
AJ096019	530320	08-Sep-19	HELICOPTER	10	SEDIMENT	TILL	Sienna Johnson	Richard Lyon	Oxidization State: Low; Degree of Reworking: Low; Topography: Hill top; Quality of Site: Mediocre; Comment on Site: Good quality on bedrock high in the area.; Overall Remarks: Old tree well beside a small outcrop ridge. Till found below slumped material 15cm. Light brown till contained good silt content and many cobbles in the pit. Very compact at bottom of pit - dug up silty till balls.
AJ100519	550064	21-Sep-19	HELICOPTER	10	SEDIMENT	TILL	Vanessa MacLean	Spencer Killins	HCL Reaction: None; Oxidization State: None; Degree of Reworking: None; Topography: Gentle slope; Quality of Site: Low; Comment on Site: On side of hill next to large cedar trees.; Overall Remarks: Poorly sorted till on slope into well spaced trees. Excellent quality till close to surface. No clay, dominantly silt.
AJ106219	550064	21-Sep-19	HELICOPTER	10	SEDIMENT	TILL	Vanessa MacLean	Spencer Killins	HCL Reaction: None; Oxidization State: Low; Degree of Reworking: None; Topography: Undulating; Quality of Site: Mediocre; Comment on Site: A lot of boulders in this area, cedar trees rolling top.; Overall Remarks: This till has a variety of lithologies, which appear to be Huronian s.s and st.s Well travels with bullets and silt content.
AJ100819	550065	21-Sep-19	HELICOPTER	10	SEDIMENT	TILL	Vanessa MacLean	Spencer Killins	Oxidization State: Low; Degree of Reworking: None; Topography: Gentle slope; Quality of Site: High; Comment on Site: Collected till from turned up tree. Good quality lots of boulders and clasts.; Overall Remarks: Good assortment of size fractions. Appears to be blanketing this whole area. Very little clay content, mostly silt and boulders.
AJ096219	550065	21-Sep-19	HELICOPTER	10	SEDIMENT	TILL	Vanessa MacLean	Spencer Killins	Oxidization State: Low; Degree of Reworking: None; Topography: Gentle slope; Quality of Site: High; Comment on Site: Good quality till in spaced birch forest; Overall Remarks: Good quality till with ample clasts. Fairly silty low reworking
AJ100619	556354	21-Sep-19	HELICOPTER	10	SEDIMENT	TILL	Vanessa MacLean	Spencer Killins	HCL Reaction: None; Oxidization State: Low; Degree of Reworking: None; Topography: Gentle slope; Quality of Site: High; Comment on Site: Sampled near swamp in and along a till mound ridge 1m high.; Overall Remarks: Poorly sorted mafic intrusives gabbros, and felsics. Sampled along a gentle slope. The till has bullets and whale backs.
AJ100919	556354	21-Sep-19	HELICOPTER	10	SEDIMENT	TILL	Vanessa MacLean	Spencer Killins	HCL Reaction: None; Oxidization State: Low; Degree of Reworking: None; Topography: Gentle slope; Quality of Site: High; Comment on Site: Gentle slope not logged in this area good site.; Overall Remarks: This site has good till with bullet clasts and poorly sorted material. This till is preserved under an old large tree.
AJ100319	550066	06-Oct-19	HELICOPTER	10	SEDIMENT	ABLATION TILL	Vanessa MacLean	Sienna Johnson	Oxidization State: Low; Degree of Reworking: Medium; Topography: Hill flank; Quality of Site: Mediocre; Comment on Site: moderate quality. silt size fraction is low.; Overall Remarks: till is moderately reworked with clay and silt size fraction low.
AJ095719	550066	06-Oct-19	HELICOPTER	10	SEDIMENT	TILL	Vanessa MacLean	Sienna Johnson	Oxidization State: Low; Degree of Reworking: Medium; Topography: Gentle slope; Quality of Site: Mediocre; Comment on Site: within boulder field. good material was hard to come by.; Overall Remarks: till located beneath oxidized b horizon. many boulders in the area which complicated finding enough material. clasts were not always silt coated
AJ101019	530322	07-Oct-19	HELICOPTER	10	SEDIMENT	TILL	Vanessa MacLean	Sienna Johnson	Oxidization State: Medium; Degree of Reworking: Medium; Topography: Gentle slope; Quality of Site: Mediocre; Comment on Site: Flank of the depression with preserved glacial material.; Overall Remarks: Preserved till good for the area. The silt coatings on gravel and cobbles are dominantly one sided. Might be somewhat reworked. Down pit was consistent material. No leached zone below organics.
AJ101219	530322	07-Oct-19	HELICOPTER	10	SEDIMENT	TILL	Vanessa MacLean	Sienna Johnson	Oxidization State: None; Degree of Reworking: Low; Topography: Hill flank; Quality of Site: Mediocre; Comment on Site: Hard to find material in large quantity. Looking under tree wells; Overall Remarks: Wet material, slightly silty with some clay present.
AJ101419	550064	07-Oct-19	HELICOPTER	10	SEDIMENT	TILL	Vanessa MacLean	Sienna Johnson	Oxidization State: Medium; Degree of Reworking: Low; Topography: Gentle slope; Quality of Site: Mediocre; Comment on Site: Better site on topographic high in mature open forest.; Overall Remarks: Decent till with abundant oversized and gravel content in pit throughout. Next to a bedrock outcrop. Angular local and subrounded bullet silt coated (thick coatings) clasts and cobbles.

DeBeers_SampleID	PaulCentis_ClaimTitle	DateSampled	SiteAccessMode	QuantityCollected	SampleType	GlacialMaterialType	Sampler1	Sampler2	SampleRemark
AJ101119	550066	07-Oct-19	HELICOPTER	10	SEDIMENT	TILL	Vanessa MacLean	Sienna Johnson	HCL Reaction: None; Oxidization State: None; Degree of Reworking: None; Topography: Gentle slope; Quality of Site: High; Comment on Site: Good quality till mound; Overall Remarks: Poorly sorted till with angular clasts content. Variable lithogy
AJ101319	550067	07-Oct-19	HELICOPTER	10	SEDIMENT	TILL	Vanessa MacLean	Sienna Johnson	Oxidization State: Medium; Degree of Reworking: Low; Topography: Gentle slope; Quality of Site: High; Comment on Site: In between two mature trees.; Overall Remarks: Good silty till with thick coated oversized and gravel bullets. Somewhat leached few cm at top but consistent till composition with depth no layering.
AJ101919	550009	08-Oct-19	HELICOPTER	10	SEDIMENT	TILL	Vanessa MacLean	Sienna Johnson	Oxidization State: Low; Degree of Reworking: Low; Topography: Flat; Quality of Site: High; Comment on Site: Between root near a tree trunk.; Overall Remarks: Leached layer at top of hole. Thick organics with silty till preserved in between roots.
AJ102119	550139	08-Oct-19	HELICOPTER	10	SEDIMENT	TILL	Vanessa MacLean	Sienna Johnson	Oxidization State: Low; Degree of Reworking: Low; Topography: Flat; Quality of Site: Low; Comment on Site: Sample next to exposed bedrock next to a maple tree.; Overall Remarks: Good quality with subangular clasts.
AJ102519	555790	08-Oct-19	HELICOPTER	10	SEDIMENT	TILL	Vanessa MacLean	Sienna Johnson	HCL Reaction: None; Oxidization State: None; Degree of Reworking: None; Topography: Gentle slope; Quality of Site: High; Comment on Site: Behind hunting club to the east within the forest; Overall Remarks: Sample changes to lighter brown material to bottom of the hole. Slightly more sand, good quality.
AJ102219	550139	08-Oct-19	HELICOPTER	10	SEDIMENT	TILL	Vanessa MacLean	Sienna Johnson	HCL Reaction: None; Oxidization State: None; Degree of Reworking: None; Topography: Flat; Quality of Site: High; Comment on Site: Within dense forest off atv trail approx 15 metres; Overall Remarks: Sample is siltier then the other samples to the west. Grey in colour poorly sorted. Consistent material down hole
AJ101719	550139	08-Oct-19	HELICOPTER	10	SEDIMENT	TILL	Vanessa MacLean	Sienna Johnson	HCL Reaction: None; Oxidization State: None; Degree of Reworking: None; Topography: Flat; Quality of Site: High; Comment on Site: Within cleared forest, bright and open.; Overall Remarks: Brown orange till - sample has subrounded clasts, mixed, poorly sorted.
AJ111219	555966	29-Oct-19	HELICOPTER	10	SEDIMENT	TILL	Spencer Killins	Sienna Johnson	HCL Reaction: None; Oxidization State: Low; Degree of Reworking: Low; Topography: Gentle slope; Quality of Site: Mediocre; Comment on Site: Good site however digging between large boulders.; Overall Remarks: Very wet till with alot of over sized at the bottom 5cm is grey till not oxidized. Bullets and whale backs.
AJ109219	555967	29-Oct-19	HELICOPTER	10	SEDIMENT	TILL	Spencer Killins	Sienna Johnson	HCL Reaction: None; Oxidization State: None; Degree of Reworking: None; Topography: Gentle slope; Quality of Site: High; Comment on Site: Old growth forest with thin till veneer.; Overall Remarks: Good till with bullets and whale backs, located on bedrock with boulders in area.
AJ110419	557569	29-Oct-19	HELICOPTER	10	SEDIMENT	TILL	Sienna Johnson	Sean Wotherspoon	Oxidization State: Low; Degree of Reworking: Low; Topography: Flat; Quality of Site: High; Comment on Site: Beside a bedrock ridge on veneer.; Overall Remarks: Scraped the preserved light brown veneer south of the bedrock ridge but not right under the ridge. Good silt content immediately under the organics. Less red oxidation than last sample. Mix of oxidized and unoxidized. silt coats on bullet clasts.
AJ110919	557569	29-Oct-19	HELICOPTER	10	SEDIMENT	TILL	Sienna Johnson	Sean Wotherspoon	Oxidization State: Medium; Degree of Reworking: Medium; Topography: Flat; Quality of Site: Mediocre; Comment on Site: directly beside a swampy area where the sample was originally planned.; Overall Remarks: Sampled good till with a bit of oxidation below a large tree. elsewhere is washed or swamp. Subcrop or outcrop in the area seems washed or just organics on surface. good gravel contact with one sided silt coatings
AJ110019	559842	29-Oct-19	HELICOPTER	10	SEDIMENT	TILL	Sienna Johnson	Sean Wotherspoon	Oxidization State: Low; Degree of Reworking: Low; Topography: Flat; Quality of Site: High; Comment on Site: Sparse older forest; Overall Remarks: Good till with bullet clasts and silt. Some clay packed at bottom of pit.

DeBeers_SampleID	PaulCentis_ClaimTitle	DateSampled	SiteAccessMode	QuantityCollected	SampleType	GlacialMaterialType	Sampler1	Sampler2	SampleRemark
AJ103719	559841	29-Oct-19	HELICOPTER	10	SEDIMENT	TILL	Sienna Johnson	Sean Wotherspoon	Oxidization State: Medium; Degree of Reworking: Medium; Topography: Gentle slope; Quality of Site: Mediocre; Comment on Site: Hummocky ground. thick forest; Overall Remarks: Slightly reworked but had a variety of clasts and bullet shaped mudstone oversized gravel. silt coatings minimal but scraped along bedrock to get more silty material than at the top of the pit.
AJ104619	555966	29-Oct-19	HELICOPTER	10	SEDIMENT	TILL	Spencer Killins	Sienna Johnson	HCL Reaction: None; Oxidization State: None; Degree of Reworking: None; Topography: Gentle slope; Quality of Site: High; Comment on Site: Sampled near tree well.; Overall Remarks: Good quality till amongst boulders within young trees. Till has whale backs and bullets.
AJ110819	559841	29-Oct-19	HELICOPTER	10	SEDIMENT	TILL	Sienna Johnson	Sean Wotherspoon	Oxidization State: High; Degree of Reworking: Medium; Topography: Hill top; Quality of Site: Mediocre; Comment on Site: Only topo high in a swamy area; Overall Remarks: Sandy sample but only material available im area. on top of bedrock ridge hitting bedrock at depth. hit a gravel seam at bottom of hole. good gravel conent but not as silty as other samples in this area
AJ110119	559841	29-Oct-19	HELICOPTER	10	SEDIMENT	TILL	Sienna Johnson	Sean Wotherspoon	Oxidization State: Low; Degree of Reworking: Low; Topography: Flat; Quality of Site: High; Comment on Site: Small topo hill above swampy area under tree well; Overall Remarks: good till with bullets and silt and some pebbly gravel.

Sediment Sampling - Helicopter/Truck, Fuel, Personel, Sample Analyses Costs - 39 Samples Collected									
De Beers Sample ID	Paul Centis Claim Title	Date Visited	Access Mode of Transport (Heli. or Truck)	# of Helicopter Hours Used	Total Cost Per Helicopter Used (\$1560/Hour)	# of Litres of Fuel Used (155L/Hr burn rate)	Total Cost Per Fuel Used (\$1.40/L)	Total Cost Per 2 Geologists (1 hour spent at each sample site/travel) (\$32.61/hr wage)	Total Cost to Process, Pick and Probe each Sample (Averaged Cost)
AJ095419	530319	08-Sep	Helicopter	1.5	\$2,340	232.50	\$325.50	130.44 (4 geos. today)	\$655.00
AJ095319	530319							130.44 (4 geos. today)	\$655.00
AJ100019	550065							130.44 (4 geos. today)	\$655.00
AJ095619	530321							130.44 (4 geos. today)	\$655.00
AJ095519	530322							130.44 (4 geos. today)	\$655.00
AJ096619	530322							130.44 (4 geos. today)	\$655.00
AJ099419	550065							130.44 (4 geos. today)	\$655.00
AJ097819	549917							130.44 (4 geos. today)	\$655.00
AJ108619	549917							130.44 (4 geos. today)	\$655.00
AJ096719	530321							130.44 (4 geos. today)	\$655.00
AJ095819	530320							130.44 (4 geos. today)	\$655.00
AJ096019	530320							130.44 (4 geos. today)	\$655.00
AJ100519	550064	21-Sep	Helicopter	2.2	\$3,432	341.00	\$477.40	65.22	\$655.00
AJ106219	550064							65.22	\$655.00
AJ100819	550065							65.22	\$655.00
AJ096219	550065							65.22	\$655.00
AJ100619	556354							65.22	\$655.00
AJ100919	556354							65.22	\$655.00
AJ100319	550066	06-Oct	Helicopter	1.3	\$2,028	201.50	\$282.10	65.22	\$655.00
AJ095719	550066							65.22	\$655.00
AJ101019	530322	07-Oct	Helicopter	1.7	\$2,652	263.50	\$368.90	65.22	\$655.00
AJ101219	530322							65.22	\$655.00
AJ101419	550064							65.22	\$655.00
AJ101119	550066							65.22	\$655.00
AJ101319	550067							65.22	\$655.00
AJ101919	550009	08-Oct	Helicopter	2.2	\$3,432	341.00	\$477.40	65.22	\$655.00
AJ102119	550139							65.22	\$655.00
AJ102519	555790							65.22	\$655.00
AJ102219	550139							65.22	\$655.00
AJ101719	550139							65.22	\$655.00
AJ104619	555966	29-Oct	Helicopter	2.6	\$4,056	403.00	\$564.20	130.44 (4 geos. today)	\$655.00
AJ111219	555966							130.44 (4 geos. today)	\$655.00
AJ109219	555967							130.44 (4 geos. today)	\$655.00
AJ110419	557569							130.44 (4 geos. today)	\$655.00
AJ110919	557569							130.44 (4 geos. today)	\$655.00
AJ110019	559842							130.44 (4 geos. today)	\$655.00
AJ103719	559841							130.44 (4 geos. today)	\$655.00
AJ104619	555966							130.44 (4 geos. today)	\$655.00
AJ110819	559841							130.44 (4 geos. today)	\$655.00
<b>Totals</b>				<b>11.5</b>	<b>\$17,940.00</b>	<b>1782.50</b>	<b>\$2,495.50</b>	<b>\$3,913.20</b>	<b>\$25,545.00</b>
<b>Grand Total</b>				<b>\$49,893.70</b>					





# DE BEERS GROUP

## DE BEERS CANADA INC. – EXPLORATION DIVISION

Paul M Centis Claims

Visual and Microprobe results for 39 samples in CAN190153 and CAN190156

18 June 2020

### De Beers Canada inc.

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A member of the Anglo American plc group

**Sample Information: 39 Samples**

ConsignmentID	SampleCD	BagNum	XLong	YLat	ZElevation	WorkingXYDatumCD	DateSampled	OriginalSampleVolume	Claim Owner
CAN190153	AJ095319	BG4372	-79.82925298	46.9491395	346.9	WGS84	08-Sep-19	11	(100) Paul M Centis
CAN190153	AJ095419	BG4423	-79.8264404	46.9489114	342.8	WGS84	08-Sep-19	14	(100) Paul M Centis
CAN190153	AJ095519	BG3557	-79.82675163	46.9452016	368.2	WGS84	08-Sep-19	14	(100) Paul M Centis
CAN190153	AJ095619	BG4150	-79.8246807	46.9447447	366	WGS84	08-Sep-19	12	(100) Paul M Centis
CAN190153	AJ095719	BG2332	-79.83474833	46.9392027	361.4	WGS84	06-Oct-19	14	(100) Paul M Centis
CAN190153	AJ095819	BG2703	-79.82343193	46.9485452	331.8	WGS84	08-Sep-19	12	(100) Paul M Centis
CAN190153	AJ096019	BG2328	-79.82161622	46.947968	341.8	WGS84	08-Sep-19	11	(100) Paul M Centis
CAN190153	AJ096219	BG2321	-79.83471427	46.9464703	337.3	WGS84	21-Sep-19	12	(100) Paul M Centis
CAN190153	AJ096619	BG4051	-79.8293945	46.9456471	364.9	WGS84	08-Sep-19	14	(100) Paul M Centis
CAN190153	AJ096719	BG0355	-79.82112847	46.944472	334.1	WGS84	08-Sep-19	11	(100) Paul M Centis
CAN190153	AJ097819	BG0517	-79.82152958	46.9518078	348.3	WGS84	08-Sep-19	12	(100) Paul M Centis
CAN190153	AJ099419	BG2299	-79.83189668	46.9461621	358.9	WGS84	08-Sep-19	13	(100) Paul M Centis
CAN190153	AJ100019	BG2792	-79.83220943	46.9499647	338.5	WGS84	08-Sep-19	11	(100) Paul M Centis
CAN190153	AJ100319	BG2279	-79.83710292	46.9395599	348	WGS84	06-Oct-19	13	(100) Paul M Centis
CAN190153	AJ100519	BG2140	-79.83699645	46.9432375	338.7	WGS84	21-Sep-19	12	(100) Paul M Centis
CAN190153	AJ100619	BG2275	-79.82930262	46.953264	342.2	WGS84	21-Sep-19	12	(100) Paul M Centis
CAN190153	AJ100819	BG0481	-79.83710632	46.9470156	339.4	WGS84	21-Sep-19	13	(100) Paul M Centis
CAN190153	AJ100919	BG2002	-79.8268154	46.9526527	341.3	WGS84	21-Sep-19	13	(100) Paul M Centis
CAN190153	AJ101019	BG2563	-79.82691557	46.9417885	342.8	WGS84	07-Oct-19	11	(100) Paul M Centis
CAN190153	AJ101119	BG0400	-79.83217227	46.9389057	359	WGS84	07-Oct-19	12	(100) Paul M Centis
CAN190153	AJ101219	BG3749	-79.8294523	46.942101	369.6	WGS84	07-Oct-19	13	(100) Paul M Centis
CAN190153	AJ101319	BG1862	-79.82955697	46.9383885	366.9	WGS84	07-Oct-19	11	(100) Paul M Centis
CAN190153	AJ101419	BG0373	-79.83181185	46.9424371	381.8	WGS84	07-Oct-19	11	(100) Paul M Centis
CAN190153	AJ101719	BG0668	-79.85334205	46.894747	359	WGS84	08-Oct-19	12	(100) Paul M Centis
CAN190153	AJ101919	BG2485	-79.84503675	46.8969762	360	WGS84	08-Oct-19	10	(100) Paul M Centis
CAN190153	AJ102119	BG0203	-79.84578513	46.8935612	367	WGS84	08-Oct-19	10	(100) Paul M Centis
CAN190153	AJ102219	BG1599	-79.85062319	46.8941978	358	WGS84	08-Oct-19	11	(100) Paul M Centis
CAN190153	AJ102519	BG4014	-79.84787698	46.8937022	352	WGS84	08-Oct-19	11	(100) Paul M Centis
CAN190153	AJ106219	BG2255	-79.83447108	46.9428357	357.5	WGS84	21-Sep-19	12	(100) Paul M Centis
CAN190153	AJ108619	BG1340	-79.82403862	46.9520992	337.7	WGS84	08-Sep-19	11	(100) Paul M Centis
CAN190156	AJ103719	BG1835	-79.8406384	46.9034303	369.4	WGS84	29-Oct-19	12	(100) Paul M Centis
CAN190156	AJ104619	BG1122	-79.85391068	46.9018622	373.9	WGS84	29-Oct-19	13	(100) Paul M Centis
CAN190156	AJ109219	BG2278	-79.84870133	46.9011769	368.2	WGS84	29-Oct-19	13	(100) Paul M Centis
CAN190156	AJ110019	BG2086	-79.83826382	46.9106666	381.2	WGS84	29-Oct-19	11	(100) Paul M Centis

ConsignmentID	SampleCD	BagNum	XLong	YLat	ZElevation	WorkingXYDatumCD	DateSampled	OriginalSampleVolume	Claim Owner
CAN190156	AJ110119	BG1811	-79.83767735	46.9030812	380.8	WGS84	29-Oct-19	11	(100) Paul M Centis
CAN190156	AJ110419	BG0801	-79.84112058	46.907526	393.9	WGS84	29-Oct-19	11	(100) Paul M Centis
CAN190156	AJ110819	BG0099	-79.8436574	46.9040414	380.8	WGS84	29-Oct-19	11	(100) Paul M Centis
CAN190156	AJ110919	BG2631	-79.83858432	46.907096	378.4	WGS84	29-Oct-19	11	(100) Paul M Centis
CAN190156	AJ111219	BG1039	-79.85109307	46.9017519	366.3	WGS84	29-Oct-19	14	(100) Paul M Centis

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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>IlTot</b>	Total number of kimberlitic ilmenite reported.
<b>IlDou</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.

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 Registered office: 1601 Airport Road NE Suite 300 Calgary Alberta T2E 6Z8 | Registration number 889569596

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Visual\_KIM\_Summary

Consignment	SampleCD	ArrivalMass	MinSizeID	MaxSizeID	GrainTot	DiaTot	GoldTot	GaTot	GaDou	IIDou	IITot	CDTot	CDDou	SpTot	SpK	SpD	SpU	OthTot
CAN190153	AJ095319	5.6	0.3	0.5	40	0	0	10	0	9	17	0	0	4	0	0	4	0
CAN190153	AJ095419	4.94	0.3	0.5	98	0	0	17	2	10	63	0	0	6	0	0	6	0
CAN190153	AJ095519	6.44	0.3	0.5	25	0	0	6	1	2	12	0	0	4	0	1	3	0
CAN190153	AJ095619	2.69	0.3	0.5	36	0	0	9	0	10	15	0	0	2	1	0	1	0
CAN190153	AJ095719	7.04	0.3	0.5	84	0	0	10	3	18	44	0	0	9	2	0	7	0
CAN190153	AJ095819	3.99	0.3	0.5	39	0	0	5	0	9	25	0	0	0	0	0	0	0
CAN190153	AJ096019	2.11	0.3	0.5	71	0	0	14	0	10	39	0	0	8	1	0	7	0
CAN190153	AJ096219	5.75	0.3	0.5	54	0	0	11	1	16	20	0	0	6	0	0	6	0
CAN190153	AJ096619	5.88	0.3	0.5	26	0	0	4	0	7	14	0	0	1	0	0	1	0
CAN190153	AJ096719	1.83	0.3	0.5	37	0	0	6	0	8	18	0	0	5	0	0	5	0
CAN190153	AJ097819	2.26	0.3	0.5	24	0	0	4	0	2	16	0	0	2	0	0	2	0
CAN190153	AJ099419	2.71	0.3	0.5	107	0	0	21	2	9	68	0	0	7	3	0	4	0
CAN190153	AJ100019	1.98	0.3	0.5	112	0	0	17	1	19	67	0	0	8	3	0	5	0
CAN190153	AJ100319	8.08	0.3	0.5	17	0	0	7	0	1	7	1	0	1	0	0	1	0
CAN190153	AJ100519	4.44	0.3	0.5	67	0	0	12	0	2	43	1	0	9	1	0	8	0
CAN190153	AJ100619	2.66	0.3	0.5	104	0	0	29	0	10	55	2	0	8	1	0	7	0
CAN190153	AJ100819	2.54	0.3	0.5	55	0	0	10	0	9	31	0	0	5	0	0	5	0
CAN190153	AJ100919	5.87	0.3	0.5	89	0	0	18	0	13	54	0	0	4	0	1	3	0
CAN190153	AJ101019	4.87	0.3	0.5	49	0	0	9	0	4	30	0	0	6	0	0	6	0
CAN190153	AJ101119	6.41	0.3	0.5	35	0	0	5	0	11	18	0	1	0	0	0	0	0
CAN190153	AJ101219	0.73	0.3	0.5	15	0	0	2	0	3	8	0	0	2	0	0	2	0
CAN190153	AJ101319	2.33	0.3	0.5	129	0	0	17	6	15	80	0	0	11	4	2	5	0
CAN190153	AJ101419	2.82	0.3	0.5	55	0	0	7	0	16	29	0	0	3	0	0	3	0
CAN190153	AJ101719	3.74	0.3	0.5	130	0	0	15	3	4	96	0	0	12	0	5	7	0
CAN190153	AJ101919	2.63	0.3	0.5	51	0	0	10	0	7	30	1	0	3	0	0	3	0
CAN190153	AJ102119	3.05	0.3	0.5	35	0	0	11	3	5	16	0	0	0	0	0	0	0
CAN190153	AJ102219	2.46	0.3	0.5	121	0	0	25	5	14	67	1	0	9	3	0	6	0
CAN190153	AJ102519	7.49	0.3	0.5	124	0	0	19	0	15	81	1	0	8	1	0	7	0
CAN190153	AJ106219	5.43	0.3	0.5	106	0	0	16	0	13	71	0	0	6	0	0	6	0
CAN190153	AJ108619	6.44	0.3	0.5	23	0	0	5	1	8	9	0	0	0	0	0	0	0
CAN190156	AJ103719	1.8	0.3	0.5	7	0	0	1	1	4	1	0	0	0	0	0	0	0
CAN190156	AJ104619	4.64	0.3	0.5	34	0	0	5	0	6	17	0	0	6	0	0	6	0
CAN190156	AJ109219	4.22	0.3	0.5	77	0	0	12	0	23	39	0	0	3	1	0	2	0
CAN190156	AJ110019	4.4	0.3	0.5	45	0	0	10	4	10	17	0	0	4	0	4	0	0
CAN190156	AJ110119	2.57	0.3	0.5	17	0	0	0	0	5	5	0	0	7	3	0	4	0
CAN190156	AJ110419	3.37	0.3	0.5	104	0	0	25	2	27	44	0	0	6	3	1	2	0
CAN190156	AJ110819	6.27	0.3	0.5	62	0	0	12	0	20	27	1	0	2	0	0	2	0

Visual\_KIM\_Summary

Consignment	SampleCD	ArrivalMass	MinSizeID	MaxSizeID	GrainTot	DiaTot	GoldTot	GaTot	GaDou	IIDou	IITot	CDTot	CDDou	SpTot	SpK	SpD	SpU	OthTot
CAN190156	AJ110919	2.12	0.3	0.5	22	0	0	6	0	4	11	0	0	1	0	0	1	0
CAN190156	AJ111219	2.88	0.3	0.5	108	0	0	22	4	25	47	1	0	9	2	0	7	0
<b>Total</b>	<b>39</b>	<b>157.48</b>			<b>2434</b>	<b>0</b>	<b>0</b>	<b>444</b>	<b>39</b>	<b>403</b>	<b>1351</b>	<b>9</b>	<b>1</b>	<b>187</b>	<b>29</b>	<b>14</b>	<b>144</b>	<b>0</b>

## Microprobe Analysis Report

### **CONSIGNMENT SUMMARY INFORMATION**

Consignment Number: **CAN190153 and CAN190156**  
Project Area: Samples from Paul M Centis Claims  
Size Fraction: 0.5-0.3mm  
Number of Grain Analyses: 2430  
Analysis Laboratory: De Beers Analytical Services  
Johannesburg, South Africa

Remarks:

- **4 grains were lost** during grain mounting. They were from three samples in CAN190153 as showed below:

Consignment number	Sample #	Mount No	Grain No	Visual ID	Validated Results
CAN190153	AJ095319	1	3	GA	Not Validated
CAN190153	AJ095319	1	11	IL	Not Validated
CAN190153	AJ095419	1	138	SP	Not Validated
CAN190153	AJ095719	2	45	IL	Not Validated
<b>3</b>		<b>2</b>	<b>4</b>		

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



# DE BEERS GROUP

## 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.

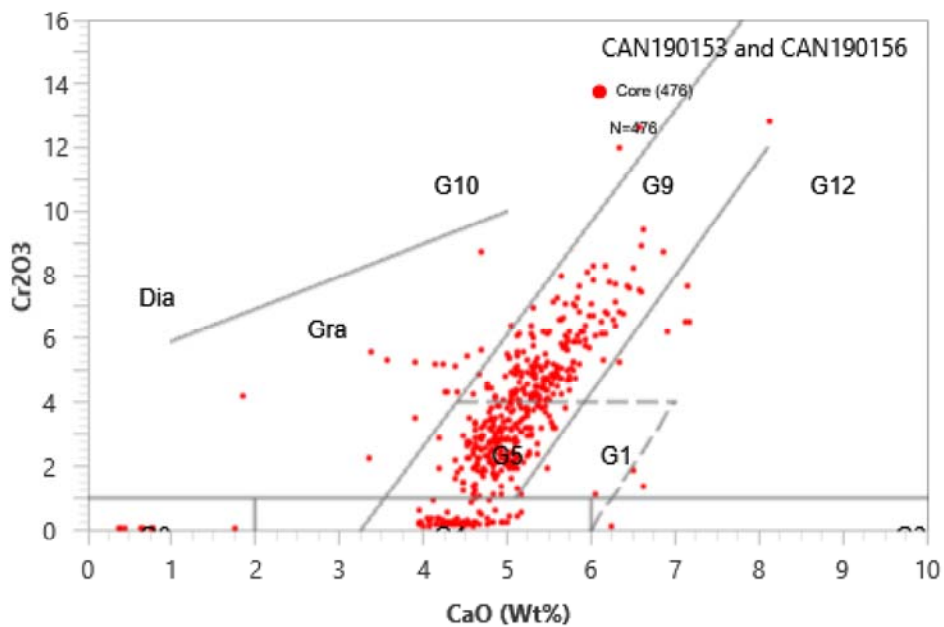
<b>ORIGINATOR</b>	The consignment number consigned to the samples.
<b>SAMPLE</b>	The sample number used to identify each sample.
<b>MOUNT</b>	The microprobe mount number.
<b>GRN</b>	The microprobe grain number, the position of the grain on the mount.
<b>ANALYSIS_TYPE</b>	C = Core    R = Rim    I = Inclusion
<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

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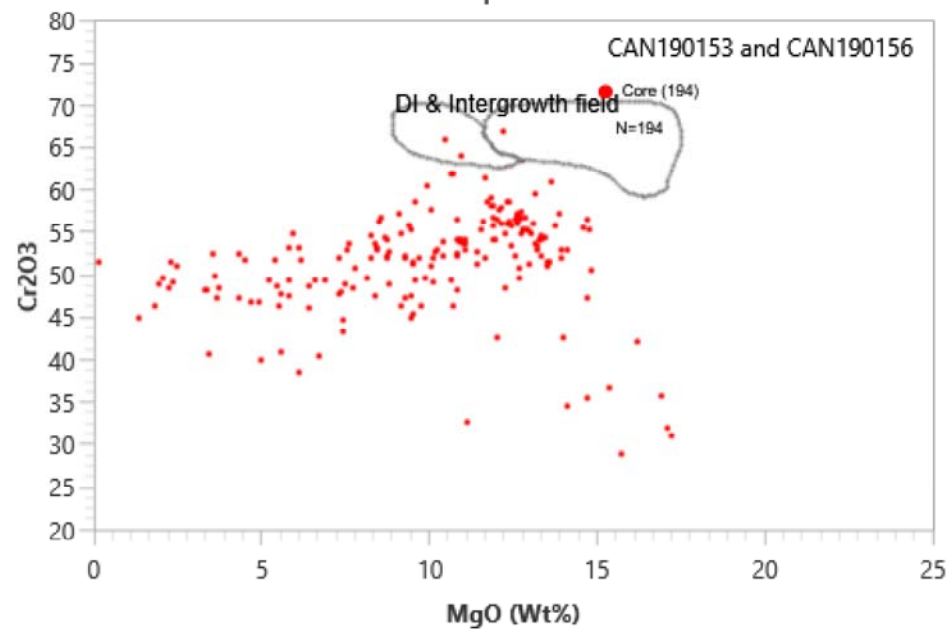
Exploration Canada 300-515 Consumers Road Toronto Ontario M2J 4Z2  
Tel +1 416 645 1710 Fax +1 416 423 9944 | [www.debeersgroup.com/canada](http://www.debeersgroup.com/canada) | [info.canada@debeersgroup.com](mailto:info.canada@debeersgroup.com)  
Registered office: 1601 Airport Road NE Suite 300 Calgary Alberta T2E 6Z8 | Registration number 889569596

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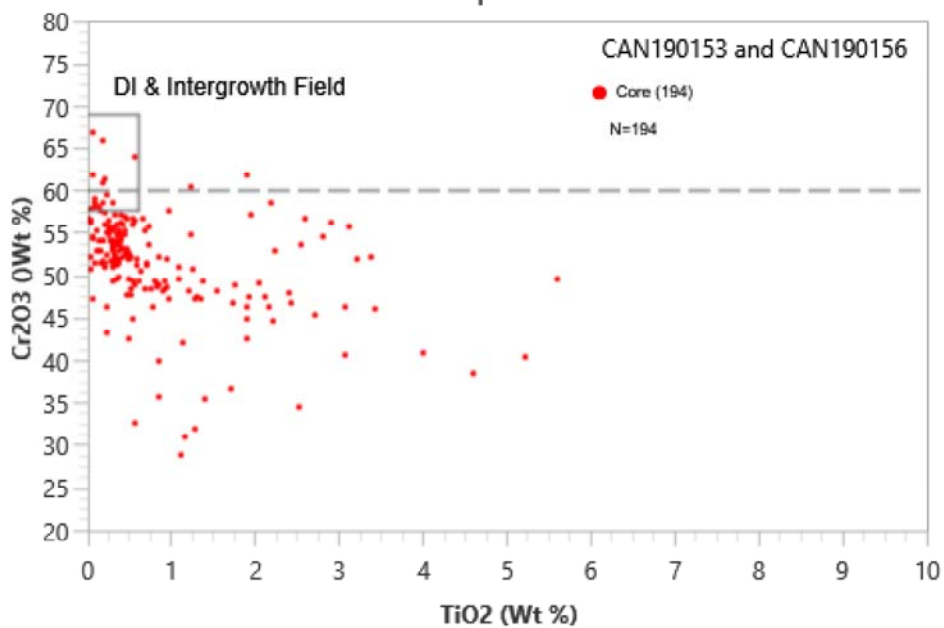
## Garnet



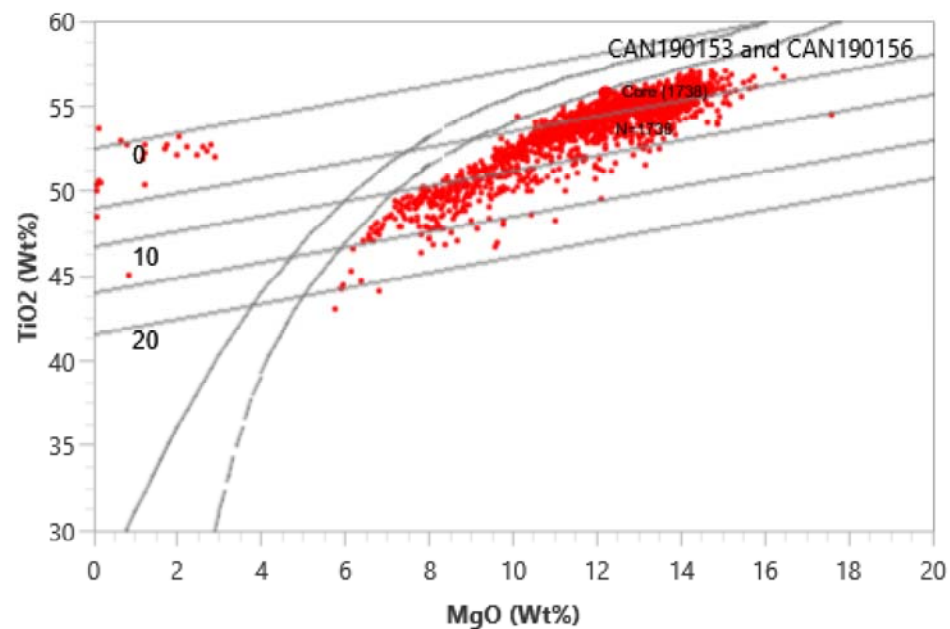
## Spinel



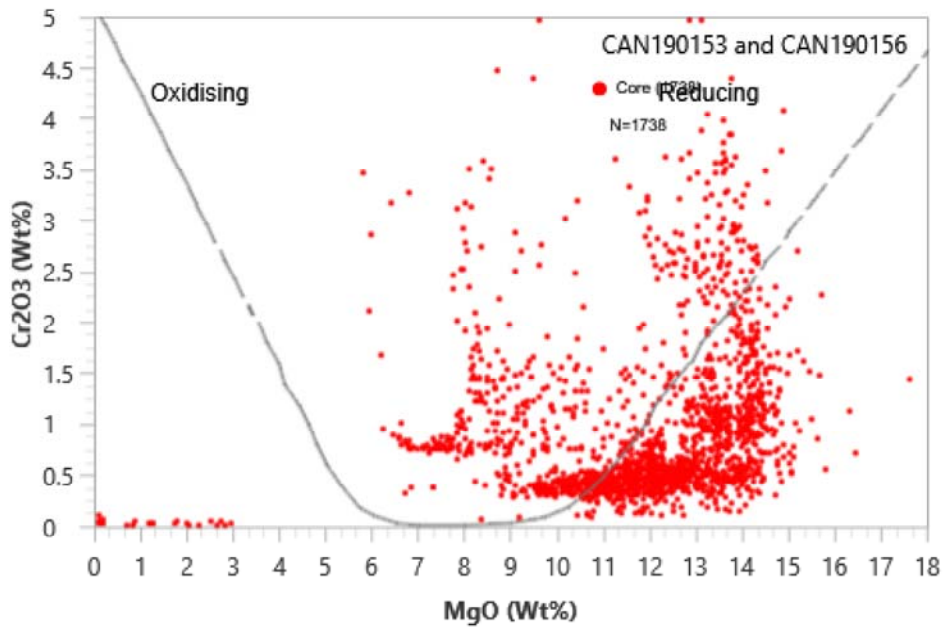
## Spinel



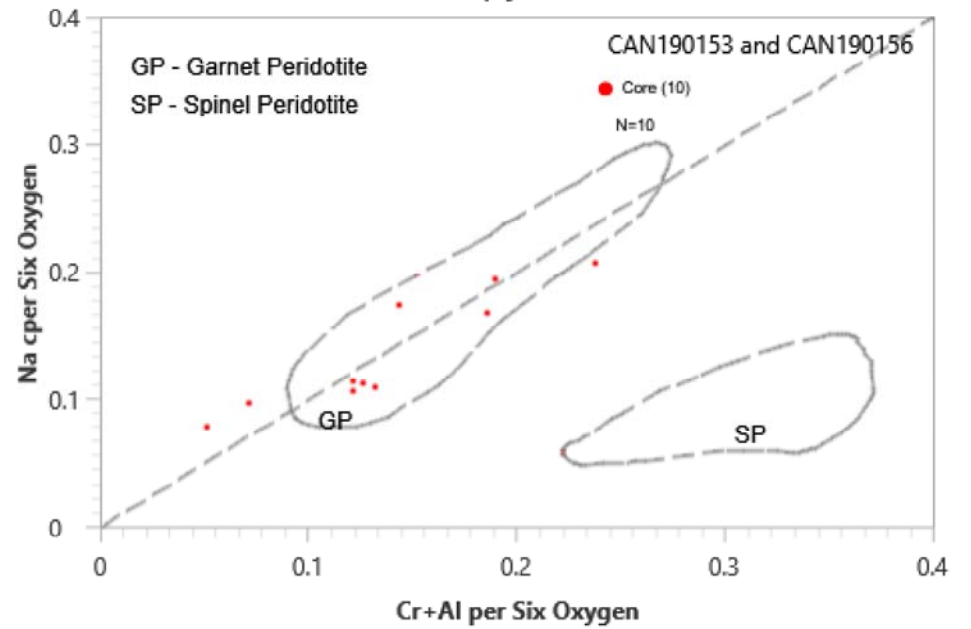
## Ilmenite



### Ilmenite



### Clinopyroxene



CAN190153 and CAN190156\_Samples From Paul Centis Claims  
Microprobe Analysis Report

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190153	AJ095319	1	1	C	0.3	0.31	0	19.94	7.39	41.5	0.66	5.42	4.4	20.5	0	100.2	Ga
CAN190153	AJ095319	1	2	C	0.3	0.27	0.02	21.82	6.73	42.3	0.3	4.95	2.39	21.9	0	100.6	Ga
CAN190153	AJ095319	1	4	C	0.3	0.34	0	20.41	6.69	41.6	0.39	5.2	4.38	21.2	0	100.2	Ga
CAN190153	AJ095319	1	5	C	0.3	0.27	0	17.94	5.94	41.6	0.06	6.04	7.84	20.6	0.1	100.3	Ga
CAN190153	AJ095319	1	6	C	0.3	0.37	0.04	22.38	10	41.3	0.94	5.13	0.37	19.4	0	99.89	Ga
CAN190153	AJ095319	1	7	C	0.3	0.34	0.07	20.43	7.53	41.5	0.94	5.22	3.13	20.8	0	99.97	Ga
CAN190153	AJ095319	1	8	C	0.3	0.4	0.1	22.46	11.3	41.4	0.86	4.44	0.15	19.2	0	100.3	Ga
CAN190153	AJ095319	1	9	C	0.3	0.44	0.01	22.73	10.9	41.5	0.57	4.17	0.14	19.5	0	100	Ga
CAN190153	AJ095319	1	10	C	0.3	0.29	0.02	21.44	7.72	42	0.74	5.03	2.02	21.1	0	100.3	Ga
CAN190153	AJ095319	1	12	C	0.3	0.32	0.03	0.23	34.5	0.05	50.6	0.02	1.54	10.7	0	97.97	II
CAN190153	AJ095319	1	13	C	0.3	0.22	0	0.61	27	0	54	0	3.47	13.6	0	98.93	II
CAN190153	AJ095319	1	14	C	0.3	0.44	0	0.7	27.8	0	55.7	0.07	0.27	14.2	0	99.18	II
CAN190153	AJ095319	1	15	C	0.3	0.3	0.03	0.49	28.4	0	55.8	0	1.06	13.4	0	99.57	II
CAN190153	AJ095319	1	16	C	0.3	0.28	0	0.6	26.8	0.03	54.8	0.03	2.49	13.7	0	98.67	II
CAN190153	AJ095319	1	17	C	0.3	0.34	0.03	0.35	32.2	0.01	52.8	0.03	0.37	12	0	98.23	II
CAN190153	AJ095319	1	18	C	0.3	0.27	0	0.48	30.5	0.03	54.9	0.03	0.78	12.3	0	99.32	II
CAN190153	AJ095319	1	19	C	0.3	0.33	0.03	0.44	33	0	52	0	0.45	11.7	0	97.92	II
CAN190153	AJ095319	1	20	C	0.3	0.31	0.01	0.22	30.9	0	54.6	0.05	0.46	12	0	98.56	II
CAN190153	AJ095319	1	21	C	0.3	0.3	0	0.13	39.3	0	46.3	0.01	3.11	7.84	0	97.03	II
CAN190153	AJ095319	1	22	C	0.3	0.24	0	0.57	33.2	0.01	53.4	0.02	0.15	10.8	0	98.38	II
CAN190153	AJ095319	1	23	C	0.3	0.31	0.07	0.4	28.2	0.02	55.7	0.02	0.63	13.5	0	98.83	II
CAN190153	AJ095319	1	24	C	0.3	0.33	0.03	0.28	35.7	0.03	50.6	0.02	1.62	9.39	0	97.99	II
CAN190153	AJ095319	1	25	C	0.3	0.31	0.04	0.27	30.1	0	55.1	0.03	0.57	12.4	0	98.81	II
CAN190153	AJ095319	1	26	C	0.3	0.36	0	0.27	32.3	0	52.9	0	0.28	12.1	0	98.11	II
CAN190153	AJ095319	1	27	C	0.3	0.3	0	0.47	27.3	0.04	56.3	0	0.83	14.1	0	99.36	II
CAN190153	AJ095319	1	28	C	0.3	0.28	0	0.18	34.6	0	52.1	0.02	0.34	9.84	0.1	97.49	II
CAN190153	AJ095319	1	29	C	0.3	0.33	0	0.24	30.1	0	55.3	0.04	0.45	12.4	0	98.9	II
CAN190153	AJ095319	1	30	C	0.3	0.31	0	0.36	30.1	0.01	55	0.02	0.64	12.5	0.1	98.94	II
CAN190153	AJ095319	1	31	C	0.3	0.24	0	0.42	27.3	0.03	55.8	0	1.06	14.1	0	98.99	II
CAN190153	AJ095319	1	32	C	0.3	0.25	0.05	0.39	30.9	0.03	54.9	0.05	0.48	12.2	0.1	99.3	II
CAN190153	AJ095319	1	33	C	0.3	0.27	0	0.58	27.3	0.03	54.5	0.01	2.92	13.5	0	99.02	II
CAN190153	AJ095319	1	34	C	0.3	0.29	0	0.53	27	0	54.6	0.04	2.28	13.9	0	98.66	II
CAN190153	AJ095319	1	35	C	0.3	0.31	0.02	0.49	28.5	0.02	55.7	0.01	0.67	13.5	0	99.13	II

CAN190153 and CAN190156\_Samples From Paul Centis Claims  
Microprobe Analysis Report

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190153	AJ095319	1	36	C	0.3	0.31	0.03	0.48	26.6	0	55.3	0.02	1.56	14.3	0	98.65	II
CAN190153	AJ095319	1	37	C	0.3	0.29	0	12.45	19.2	0.11	0.31	0	55.21	11.6	0.1	99.24	Sp
CAN190153	AJ095319	1	38	C	0.3	0.21	0	23.94	22.4	0.08	2.53	0	34.52	14.1	0.1	97.95	Sp
CAN190153	AJ095319	1	39	C	0.3	0.32	0	10.83	27.7	0.07	0.38	0	51.95	7.36	0.1	98.68	Sp
CAN190153	AJ095319	1	40	C	0.3	0.31	0.05	11.61	21.6	0.88	0.86	0.06	52.14	10.4	0.1	97.96	Sp
CAN190153	AJ095419	1	41	C	0.3	0.47	0	19.05	7.03	41.1	0.13	5.64	6.57	20.1	0	100.1	Ga
CAN190153	AJ095419	1	42	C	0.3	0.5	0.02	20.09	8.52	41	0.26	4.98	4.82	19.8	0	99.97	Ga
CAN190153	AJ095419	1	43	C	0.3	0.43	0.07	22.43	11	41.2	0.75	4.67	0.16	19.3	0	99.95	Ga
CAN190153	AJ095419	1	44	C	0.3	0.47	0.03	21.54	6.94	41.9	0.08	1.85	4.19	23.1	0	100.1	Ga
CAN190153	AJ095419	1	45	C	0.3	0.44	0.05	21.61	8.13	41.7	0.27	4.69	2.87	20.4	0	100.2	Ga
CAN190153	AJ095419	1	46	C	0.3	0.31	0.04	21.64	7.83	41.6	0.67	4.8	2.06	21.1	0	100	Ga
CAN190153	AJ095419	1	47	C	0.3	0.35	0.1	21.42	9.02	41.6	0.81	4.95	1.83	19.9	0	99.99	Ga
CAN190153	AJ095419	1	48	C	0.3	0.41	0.02	20.12	6.98	41.3	0.05	5.21	5.54	20.4	0	100.1	Ga
CAN190153	AJ095419	1	49	C	0.3	0.37	0	20.44	7.05	41.2	0.05	5.46	4.75	20.7	0	100	Ga
CAN190153	AJ095419	1	50	C	0.3	0.43	0.02	22.14	8.21	41.8	0.13	4.53	2.61	20.4	0	100.3	Ga
CAN190153	AJ095419	1	51	C	0.3	0.33	0.07	21.89	9.23	41.4	0.7	4.62	1.37	20.5	0	100.1	Ga
CAN190153	AJ095419	1	52	C	0.3	0.36	0.08	20.99	8.71	41.3	0.75	4.8	2.68	20.4	0	100.1	Ga
CAN190153	AJ095419	1	53	C	0.3	0.29	0.04	18.22	6.39	41.2	0.52	5.57	7.14	20.6	0	100	Ga
CAN190153	AJ095419	1	54	C	0.3	0.43	0.08	22.56	10.8	41.1	0.78	4.64	0.17	19.5	0	100	Ga
CAN190153	AJ095419	1	55	C	0.3	0.47	0.03	20.2	6.59	41.8	0.01	5.04	5.35	20.9	0	100.4	Ga
CAN190153	AJ095419	1	56	C	0.3	0.29	0.08	21.65	7.94	41.7	0.68	4.74	1.84	21.2	0	100.1	Ga
CAN190153	AJ095419	1	57	C	0.3	0.36	0.03	22.47	8.3	41.7	0.06	4.63	1.97	20.4	0	99.98	Ga
CAN190153	AJ095419	1	58	C	0.3	0.26	0	20.27	5.74	36.9	0.47	10.2	0	0.92	0	100.5	Ga
CAN190153	AJ095419	1	59	C	0.3	0.75	0.01	21.49	26.1	38.4	0.08	6.26	0.08	6.81	0	99.92	Ga
CAN190153	AJ095419	1	60	C	0.3	0.28	0.03	0.14	39.6	0	49.3	0	0.87	7.62	0	97.88	II
CAN190153	AJ095419	1	61	C	0.3	0.26	0.02	0.54	29.3	0	53.5	0	3.62	12.3	0	99.6	II
CAN190153	AJ095419	1	62	C	0.3	0.44	0	0.55	26	0.02	56.2	0.04	0.95	14.6	0	98.84	II
CAN190153	AJ095419	1	63	C	0.3	0.42	0.04	0.76	27.1	0	56.1	0.04	0.56	14.3	0	99.33	II
CAN190153	AJ095419	1	64	C	0.3	0.34	0.03	0.29	33	0.01	53.9	0	0.44	11.2	0	99.24	II
CAN190153	AJ095419	1	65	C	0.3	0.3	0	0.09	38.3	0.03	47.9	0	2.92	7.98	0	97.45	II
CAN190153	AJ095419	1	66	C	0.3	0.27	0	0.25	36.3	0	50.7	0.02	1.36	9.13	0	98.12	II
CAN190153	AJ095419	1	67	C	0.3	0.34	0.05	0.17	31.6	0.04	54.5	0.01	0.26	11.9	0.1	98.92	II
CAN190153	AJ095419	1	68	C	0.3	0.34	0.01	0.76	26.6	0.02	55.6	0.03	1.78	14.2	0	99.44	II

CAN190153 and CAN190156\_Samples From Paul Centis Claims  
Microprobe Analysis Report

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190153	AJ095419	1	69	C	0.3	0.35	0	0.42	26.5	0	56	0.06	1.3	14.6	0	99.28	II
CAN190153	AJ095419	1	70	C	0.3	0.42	0	0.49	28.4	0	55.5	0.02	0.62	13.7	0	99.2	II
CAN190153	AJ095419	1	71	C	0.3	0.31	0.03	0.35	26.2	0.03	56	0.28	0.96	14.5	0	98.66	II
CAN190153	AJ095419	1	72	C	0.3	0.28	0	0.52	26.8	0.01	55.6	0.03	2.1	14.1	0	99.42	II
CAN190153	AJ095419	1	73	C	0.3	0.26	0.01	0.46	26.4	0	56	0.05	1.59	14.3	0.1	99.2	II
CAN190153	AJ095419	1	74	C	0.3	0.23	0	0.39	28.3	0	55.3	0.03	1.03	13.5	0	98.72	II
CAN190153	AJ095419	1	75	C	0.3	0.23	0.02	0.13	39.6	0.01	47.2	0	1.92	8	0	97.08	II
CAN190153	AJ095419	1	76	C	0.3	0.3	0	0.14	38.8	0.01	47.8	0.02	1.74	8.2	0	97.06	II
CAN190153	AJ095419	1	77	C	0.3	0.28	0.01	0.25	36.5	0	51.4	0	1.11	9.13	0	98.67	II
CAN190153	AJ095419	1	78	C	0.3	0.27	0.04	0.52	26.8	0.02	55.3	0.03	1.95	13.9	0	98.87	II
CAN190153	AJ095419	1	79	C	0.3	0.29	0	0.29	32.3	0	54.2	0	0.45	11.4	0	98.94	II
CAN190153	AJ095419	1	80	C	0.3	0.33	0	0.14	40	0	49.2	0	0.81	7.35	0	97.83	II
CAN190153	AJ095419	1	81	C	0.3	0.32	0	0.42	33.3	0.02	51.4	0.04	1.09	12	0	98.56	II
CAN190153	AJ095419	1	82	C	0.3	0.52	0	0.38	25.5	0	56.5	0.05	1.53	14.8	0	99.35	II
CAN190153	AJ095419	1	83	C	0.3	0.23	0	0.15	37.1	0	48	0.04	1.86	9.78	0	97.16	II
CAN190153	AJ095419	1	84	C	0.3	0.24	0.01	0.69	27.3	0.03	55.5	0	1.12	13.9	0	98.89	II
CAN190153	AJ095419	1	85	C	0.3	0.34	0.01	0.42	26.9	0.01	54.3	0.06	2.15	14.9	0	99.14	II
CAN190153	AJ095419	1	86	C	0.3	0.37	0	0.09	37	0.01	48.3	0.04	3.5	8.59	0	97.92	II
CAN190153	AJ095419	1	87	C	0.3	0.33	0	0.21	33	0.01	53.2	0.02	0.41	11.5	0.1	98.7	II
CAN190153	AJ095419	1	88	C	0.3	0.37	0.06	0.51	28.1	0	55.3	0.03	0.56	13.9	0	98.79	II
CAN190153	AJ095419	1	89	C	0.3	0.44	0	0.4	28.3	0.01	55.4	0	0.6	14	0	99.16	II
CAN190153	AJ095419	1	90	C	0.3	0.27	0	0.42	41.2	0	47.8	0	0.38	7.31	0	97.4	II
CAN190153	AJ095419	1	91	C	0.3	0.39	0.02	0.32	29.1	0.02	55.2	0.04	0.58	13.2	0	98.89	II
CAN190153	AJ095419	1	92	C	0.3	0.27	0	0.16	34.1	0.01	52.8	0.02	0.3	10.5	0	98.14	II
CAN190153	AJ095419	1	93	C	0.3	0.32	0.02	0.36	31.2	0	54.7	0	0.51	11.8	0	98.85	II
CAN190153	AJ095419	1	94	C	0.3	0.27	0.02	0.28	36.1	0.01	51.2	0	1.05	9.06	0.1	98.05	II
CAN190153	AJ095419	1	95	C	0.3	0.35	0.04	0.41	28.8	0	55.2	0.05	0.44	13.8	0	99.05	II
CAN190153	AJ095419	1	96	C	0.3	0.34	0.05	0.31	29.1	0.02	55.7	0.04	0.57	13.2	0	99.37	II
CAN190153	AJ095419	1	97	C	0.3	0.31	0.02	0.28	38.2	0	49.6	0.02	1.64	8.37	0	98.41	II
CAN190153	AJ095419	1	98	C	0.3	0.37	0	0.4	28.9	0	54.2	0.03	0.46	13.5	0	97.83	II
CAN190153	AJ095419	1	99	C	0.3	0.25	0	0.57	27.8	0.03	55.5	0	1.28	13.6	0	99.04	II
CAN190153	AJ095419	1	100	C	0.3	0.27	0	0.53	32.3	0	53.7	0	0.13	11.4	0	98.4	II
CAN190153	AJ095419	1	101	C	0.3	0.34	0	0.2	35.5	0.03	51.8	0.03	0.76	9.69	0	98.34	II

CAN190153 and CAN190156\_Samples From Paul Centis Claims  
Microprobe Analysis Report

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190153	AJ095419	1	102	C	0.3	0.41	0	0.66	28.2	0	55.5	0.02	0.6	13.8	0	99.2	II
CAN190153	AJ095419	1	103	C	0.3	0.26	0.01	0.41	28.5	0	55.1	0	0.96	13.5	0	98.71	II
CAN190153	AJ095419	1	104	C	0.3	0.26	0.01	0.41	29.6	0.04	55.6	0.01	0.57	12.9	0	99.32	II
CAN190153	AJ095419	1	105	C	0.3	0.34	0	0.24	32.5	0.02	54.2	0	0.28	11.4	0	98.95	II
CAN190153	AJ095419	1	106	C	0.3	0.32	0.05	0.44	28.7	0.01	55.8	0.02	0.98	13.1	0	99.33	II
CAN190153	AJ095419	1	107	C	0.3	0.24	0	0.51	28.7	0	55	0.02	2.78	13	0	100.3	II
CAN190153	AJ095419	1	108	C	0.3	0.34	0	0.2	38.9	0.03	49.3	0.03	0.82	8.12	0	97.76	II
CAN190153	AJ095419	1	109	C	0.3	0.24	0	0.32	42.5	0.03	47.7	0.01	0.37	6.85	0	98.03	II
CAN190153	AJ095419	1	110	C	0.3	0.27	0	0.28	34.9	0.04	51.8	0	1.07	10.4	0	98.74	II
CAN190153	AJ095419	1	111	C	0.3	0.25	0.02	0.35	34.5	0.01	51.2	0	1.33	10.4	0	97.98	II
CAN190153	AJ095419	1	112	C	0.3	0.26	0	0.44	28.6	0.02	55.5	0	1.16	13.3	0	99.28	II
CAN190153	AJ095419	1	113	C	0.3	0.24	0	1.14	25	0.01	54.7	0.02	3.49	14.5	0	99.14	II
CAN190153	AJ095419	1	114	C	0.3	0.26	0.06	0.64	26.3	0.02	54.8	0	3.25	14	0	99.35	II
CAN190153	AJ095419	1	115	C	0.3	0.24	0	0.26	34.6	0.02	51.2	0.03	0.84	11	0	98.15	II
CAN190153	AJ095419	1	116	C	0.3	0.29	0.01	0.45	27.8	0.01	55.5	0.05	1.31	13.9	0	99.36	II
CAN190153	AJ095419	1	117	C	0.3	0.29	0	0.16	33.2	0	52.4	0.01	1.12	10.9	0	98.14	II
CAN190153	AJ095419	1	118	C	0.3	0.25	0.05	0.53	26.5	0.03	55.6	0.02	1.28	14.3	0	98.54	II
CAN190153	AJ095419	1	119	C	0.3	0.29	0.03	0.51	27.8	0	54.4	0.01	2.18	13.2	0	98.41	II
CAN190153	AJ095419	1	120	C	0.3	0.3	0.04	0.32	30.8	0	55.1	0.02	0.49	12.6	0	99.65	II
CAN190153	AJ095419	1	121	C	0.3	0.28	0	0.18	36.3	0	52	0.01	0.32	9.56	0.1	98.64	II
CAN190153	AJ095419	1	122	C	0.3	0.31	0	0.14	36.3	0.01	51.2	0.05	0.32	9.81	0	98.12	II
CAN190153	AJ095419	1	123	C	0.3	0.31	0	0.46	27.1	0.02	56.1	0.01	0.97	14.4	0	99.46	II
CAN190153	AJ095419	1	124	C	0.3	0.53	0	0.54	25.4	0.01	56.6	0.06	0.68	15.1	0	98.93	II
CAN190153	AJ095419	1	125	C	0.3	0.21	0	0.65	27.7	0.01	55.9	0.04	0.38	14.1	0	99.03	II
CAN190153	AJ095419	1	126	C	0.3	0.2	0	0.69	25.9	0	54.5	0.03	1.43	17.6	0	100.3	II
CAN190153	AJ095419	1	127	C	0.3	0.32	0	0.37	29.8	0	54.2	0.01	1.12	13.1	0	98.85	II
CAN190153	AJ095419	1	128	C	0.3	0.29	0	0.49	28	0	52.1	0.03	4.99	12.9	0	98.71	II
CAN190153	AJ095419	1	129	C	0.3	0.28	0.01	0.56	27	0.02	55.9	0.01	1.28	14.2	0	99.2	II
CAN190153	AJ095419	1	130	C	0.3	0.27	0	0.4	31	0.01	54.4	0.01	0.28	12.2	0	98.61	II
CAN190153	AJ095419	1	131	C	0.3	0.32	0	0.21	33.8	0.01	53.6	0	0.29	10.6	0.1	98.91	II
CAN190153	AJ095419	1	132	C	0.3	0.33	0.02	0.26	30.9	0.02	54.5	0	0.67	12.2	0	98.9	II
CAN190153	AJ095419	1	133	C	0.3	0.31	0.04	13.09	21.1	0.08	0.38	0	53.75	10.4	0.1	99.28	Sp
CAN190153	AJ095419	1	134	C	0.3	0.26	0.01	14.65	26.6	0.08	0.76	0	48.4	7.77	0.1	98.61	Sp

CAN190153 and CAN190156\_Samples From Paul Centis Claims  
Microprobe Analysis Report

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190153	AJ095419	1	135	C	0.3	0.23	0	17.08	14.3	0.04	0.06	0	54.18	13.5	0	99.4	Sp
CAN190153	AJ095419	1	137	C	0.3	0.21	0	33.32	19.7	0.03	1.12	0	28.89	15.8	0.1	99.11	Sp
CAN190153	AJ095419	11	1	C	0.3	0.3	0	13.58	20.6	0.16	0.35	0.03	53.95	10.9	0.1	99.96	Sp
CAN190153	AJ095519	1	139	C	0.3	0.48	0.04	20.67	6.85	41.7	0.03	5.16	4.58	20.8	0	100.3	Ga
CAN190153	AJ095519	1	140	C	0.3	0.36	0.06	17.45	6.98	40.7	0.56	5.97	8.08	19.8	0	99.94	Ga
CAN190153	AJ095519	1	141	C	0.3	0.27	0.01	21.18	6.9	41.8	0.42	4.91	3.17	21.3	0	99.99	Ga
CAN190153	AJ095519	1	142	C	0.3	0.48	0.01	20.25	7.88	41.2	0.24	5.54	4.88	19.6	0	100.1	Ga
CAN190153	AJ095519	1	143	C	0.3	0.48	0.01	19.94	8.62	40.8	0.27	5.04	5.34	19.2	0	99.75	Ga
CAN190153	AJ095519	1	144	C	0.3	0.5	0.01	20.16	7.27	41.3	0.02	5.46	5.5	20	0	100.3	Ga
CAN190153	AJ095519	1	145	C	0.3	0.68	0.02	20.01	5.69	38.1	0.44	34.7	0.02	0.05	0	99.78	Ga
CAN190153	AJ095519	1	146	C	0.3	0.34	0	0.42	29.3	0.05	54.8	0.04	0.54	13.2	0	98.63	Il
CAN190153	AJ095519	1	147	C	0.3	0.3	0.04	0.16	32.3	0	52.4	0	0.4	12.2	0	97.87	Il
CAN190153	AJ095519	1	148	C	0.3	0.34	0.01	0.2	39	0.01	49.8	0.01	1.13	7.91	0	98.43	Il
CAN190153	AJ095519	1	149	C	0.3	0.31	0.06	0.51	33.6	0	53	0.02	0.27	10.5	0	98.29	Il
CAN190153	AJ095519	1	150	C	0.3	0.27	0	0.14	34.1	0	52	0.01	0.54	10.8	0	97.91	Il
CAN190153	AJ095519	1	151	C	0.3	0.31	0.04	0.19	32	0.01	54.1	0.06	0.31	11.7	0	98.84	Il
CAN190153	AJ095519	1	152	C	0.3	0.27	0.02	0.59	29.3	0.03	54.2	0.03	1.5	13.2	0.1	99.16	Il
CAN190153	AJ095519	1	153	C	0.3	0.32	0	0.3	31.2	0.03	54.3	0.02	0.52	11.6	0	98.36	Il
CAN190153	AJ095519	1	154	C	0.3	0.29	0	12.44	17.3	0	0.4	0	56.26	12.4	0.1	99.2	Il
CAN190153	AJ095519	1	155	C	0.3	0.31	0	0.1	41.5	0.01	47.4	0	0.76	6.82	0	96.86	Il
CAN190153	AJ095519	1	156	C	0.3	0.32	0	0.19	33.6	0.04	52.9	0.01	0.32	10.6	0	97.87	Il
CAN190153	AJ095519	1	157	C	0.3	0.44	0.02	0.62	26.6	0	55.8	0.04	0.72	14.5	0	98.71	Il
CAN190153	AJ095519	1	158	C	0.3	0.24	0.03	0.24	31.8	0.02	53.9	0	0.64	12	0	98.73	Il
CAN190153	AJ095519	1	159	C	0.3	0.26	0.03	14.01	18	0.07	0.29	0	54.15	12	0.1	98.83	Il
CAN190153	AJ095519	1	160	C	0.3	0.28	0	16.09	15	0.01	0.13	0	55.12	12.8	0.1	99.55	Sp
CAN190153	AJ095519	1	161	C	0.3	0.23	0	19.05	14.6	0.07	0.17	0	51.33	13.6	0.1	99.07	Sp
CAN190153	AJ095519	1	162	C	0.3	0.3	0	14.03	16.3	0.04	0.33	0	55.8	12.5	0.1	99.35	Sp
CAN190153	AJ095519	1	163	C	0.3	0.29	0.03	0.53	31	0.04	54.4	0.01	0.31	12.5	0	99.05	Sp
CAN190153	AJ095619	1	164	C	0.3	0.45	0.01	20.8	7.69	41.5	0.01	5.36	4.47	20	0	100.2	Ga
CAN190153	AJ095619	1	165	C	0.3	0.46	0.03	21.34	8.37	41.3	0.15	5.11	3.3	20.1	0	100.2	Ga
CAN190153	AJ095619	1	166	C	0.3	0.31	0.02	16.57	6.44	41	0.68	6.87	8.7	19.7	0	100.4	Ga
CAN190153	AJ095619	1	167	C	0.3	0.31	0.04	19.89	6.62	41.5	0.53	5.2	4.43	21.1	0	99.62	Ga
CAN190153	AJ095619	1	168	C	0.3	0.3	0.05	17.19	6.36	41	0.79	6.51	8.21	19.8	0	100.2	Ga



CAN190153 and CAN190156\_Samples From Paul Centis Claims  
Microprobe Analysis Report

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190153	AJ095619	1	169	C	0.3	0.42	0.01	21.01	7.12	41.4	0.12	4.78	4.41	20.9	0	100.2	Ga
CAN190153	AJ095619	1	170	C	0.3	0.35	0.09	21.35	9.44	41.2	0.91	4.4	1.57	20.5	0	99.8	Ga
CAN190153	AJ095619	1	171	C	0.3	0.35	0.1	21.77	9.17	41.6	0.91	4.67	1.02	20.2	0	99.77	Ga
CAN190153	AJ095619	1	172	C	0.3	0.44	0.02	21.68	6.98	41.8	0.06	5.05	3.65	21	0	100.7	Ga
CAN190153	AJ095619	1	173	C	0.3	0.28	0	0.49	28.7	0.02	55.7	0.03	0.76	13.7	0	99.63	Il
CAN190153	AJ095619	1	174	C	0.3	0.3	0	0.29	30.7	0.01	54.4	0.04	0.49	12.2	0.1	98.42	Il
CAN190153	AJ095619	1	175	C	0.3	0.32	0	0.29	31.3	0.01	53.9	0	0.5	11.6	0	97.93	Il
CAN190153	AJ095619	1	176	C	0.3	0.3	0.04	0.15	36.1	0.02	51.6	0	0.39	9.73	0	98.3	Il
CAN190153	AJ095619	1	177	C	0.3	0.46	0	0.46	25.5	0.01	55.9	0.06	1.12	14.8	0	98.24	Il
CAN190153	AJ095619	1	178	C	0.3	0.29	0.05	0.26	32	0	53.8	0.02	0.61	11.5	0	98.49	Il
CAN190153	AJ095619	1	179	C	0.3	0.23	0	0.57	29.4	0.02	53	0.03	2.47	12.5	0	98.21	Il
CAN190153	AJ095619	1	180	C	0.3	0.33	0	0.17	34.4	0.02	50.5	0	1.57	10.4	0	97.44	Il
CAN190153	AJ095619	1	181	C	0.3	0.31	0	0.15	41	0	48.5	0.01	0.77	7.11	0	97.89	Il
CAN190153	AJ095619	1	182	C	0.3	0.29	0.01	0.27	32	0.01	54.3	0.03	0.39	11.6	0	98.87	Il
CAN190153	AJ095619	1	183	C	0.3	0.3	0	0.19	33.9	0.03	53	0	0.4	10.4	0	98.16	Il
CAN190153	AJ095619	1	184	C	0.3	0.25	0.04	0.46	26.6	0.04	55.2	0	1.92	14.2	0	98.76	Il
CAN190153	AJ095619	1	185	C	0.3	0.31	0	0.23	35.1	0	50.9	0	1.42	10.2	0	98.14	Il
CAN190153	AJ095619	1	186	C	0.3	0.3	0	13.63	14.8	0.03	0.54	0	56.75	12.9	0.1	99.09	Il
CAN190153	AJ095619	1	187	C	0.3	0.29	0.05	0.22	30.3	0.01	55.4	0	0.46	12.2	0	98.97	Il
CAN190153	AJ095619	1	188	C	0.3	0.2	0	0.43	29.3	0.01	54.7	0	1.06	12.9	0	98.59	Il
CAN190153	AJ095619	1	189	C	0.3	0.37	0	0.19	33.1	0.03	53.7	0.01	0.41	10.9	0	98.71	Il
CAN190153	AJ095619	1	190	C	0.3	0.29	0.01	0.18	34.6	0	52.5	0.02	0.34	10.6	0	98.58	Il
CAN190153	AJ095619	1	191	C	0.3	0.29	0.08	0.49	26.1	0.01	55.7	0	2.35	14.7	0	99.77	Il
CAN190153	AJ095619	1	192	C	0.3	0.35	0.02	0.26	30.1	0.03	54.8	0.09	0.36	12.2	0.1	98.33	Il
CAN190153	AJ095619	1	193	C	0.3	0.34	0	0.22	35.5	0.01	51.8	0.04	0.36	9.85	0	98.13	Il
CAN190153	AJ095619	1	194	C	0.3	0.29	0	0.43	28.4	0.03	55.5	0.05	1.08	13.3	0	99.06	Il
CAN190153	AJ095619	1	195	C	0.3	2.09	0	0.17	31	0.03	59.6	0.01	0.1	1.06	0	94.1	Il
CAN190153	AJ095619	1	196	C	0.3	0.32	0	0.2	38.8	0	49.6	0	1.05	7.92	0	98	Il
CAN190153	AJ095619	2	1	C	0.3	0.28	0	0.41	28.9	0.03	55.2	0	1.22	13.3	0	99.35	Il
CAN190153	AJ095619	2	2	C	0.3	0.28	0	14.04	15	0	0.48	0	56.6	12.8	0.2	99.33	Sp
CAN190153	AJ095619	2	3	C	0.3	0.37	0	12.24	28.2	0.02	1.39	0	49.35	6.92	0.2	98.7	Sp
CAN190153	AJ095719	2	4	C	0.3	0.44	0	20.68	7.48	41.5	0.15	5.36	4.26	20	0	99.9	Ga
CAN190153	AJ095719	2	5	C	0.3	0.3	0.03	19.99	6.05	41.5	0.33	5.33	5	21.6	0.1	100.2	Ga

CAN190153 and CAN190156\_Samples From Paul Centis Claims  
Microprobe Analysis Report

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190153	AJ095719	2	6	C	0.3	0.45	0.05	22.93	10.5	41.2	0.65	4.3	0.19	19.9	0	100.2	Ga
CAN190153	AJ095719	2	7	C	0.3	0.29	0.02	19.83	6.74	41.3	0.27	5.41	4.97	21	0	99.84	Ga
CAN190153	AJ095719	2	8	C	0.3	0.51	0.07	18.85	7.64	40.9	0.19	5.98	6.67	19.2	0	99.97	Ga
CAN190153	AJ095719	2	9	C	0.3	0.42	0.05	22.22	10.9	41.2	0.78	4.97	0.22	19.1	0	99.97	Ga
CAN190153	AJ095719	2	10	C	0.3	0.3	0.03	19.91	7.06	41.6	0.7	5.51	4.04	20.9	0	100	Ga
CAN190153	AJ095719	2	11	C	0.3	0.32	0.13	18.28	6.31	41.6	0.96	5.49	6.12	21.2	0	100.4	Ga
CAN190153	AJ095719	2	12	C	0.3	0.29	0.04	17.15	7.59	40.4	1.41	7.13	6.51	19	0	99.44	Ga
CAN190153	AJ095719	2	13	C	0.3	0.28	0.05	21.49	6.53	41.6	0.42	4.67	2.84	21.9	0	99.79	Ga
CAN190153	AJ095719	2	14	C	0.3	0.29	0.07	22.03	7.34	41.9	0.47	4.21	1.93	21.9	0	100.1	Ga
CAN190153	AJ095719	2	15	C	0.3	0.29	0	21.24	7.59	41.7	0.75	5.05	2.06	21.3	0	100	Ga
CAN190153	AJ095719	2	16	C	0.3	0.42	0.05	22.78	11.5	41.2	0.51	3.98	0.22	19.2	0	99.88	Ga
CAN190153	AJ095719	2	17	C	0.3	0.28	0	0.6	30.7	0.03	52.1	0.04	3.32	11.5	0.1	98.62	II
CAN190153	AJ095719	2	18	C	0.3	0.32	0	0.13	41.6	0	48	0.05	0.78	6.9	0.1	97.78	II
CAN190153	AJ095719	2	19	C	0.3	0.27	0.04	0.41	28.6	0	55.3	0	1.02	13.3	0	99	II
CAN190153	AJ095719	2	20	C	0.3	0.28	0	0.44	28.5	0	54.9	0.04	0.97	13.2	0	98.37	II
CAN190153	AJ095719	2	21	C	0.3	0.38	0.03	0.12	36.8	0	50	0	0.75	9.75	0	97.79	II
CAN190153	AJ095719	2	22	C	0.3	0.33	0.04	0.2	37.6	0	50.5	0.03	0.8	8.54	0.1	98.08	II
CAN190153	AJ095719	2	23	C	0.3	0.29	0.08	0.55	30	0.03	54.7	0	0.26	12.6	0	98.48	II
CAN190153	AJ095719	2	24	C	0.3	0.27	0	0.57	28	0	54.4	0.04	2.64	13.2	0	99.09	II
CAN190153	AJ095719	2	25	C	0.3	0.32	0.05	0.18	33	0.01	53.9	0.03	0.28	11.1	0	98.94	II
CAN190153	AJ095719	2	26	C	0.3	0.3	0.03	0.41	28.3	0	55.5	0.03	1.12	13.3	0	98.97	II
CAN190153	AJ095719	2	27	C	0.3	0.24	0.02	0.44	28	0.01	55.7	0	1.11	13.5	0	98.99	II
CAN190153	AJ095719	2	28	C	0.3	0.31	0	0.2	32.4	0	52.9	0	0.42	11.5	0	97.7	II
CAN190153	AJ095719	2	29	C	0.3	0.26	0	0.51	27.8	0.02	54.9	0.03	2.35	13.4	0	99.25	II
CAN190153	AJ095719	2	30	C	0.3	0.43	0	1.96	27.3	0.03	3.13	0	55.75	9.41	0.1	98.09	II
CAN190153	AJ095719	2	31	C	0.3	0.36	0.02	0.22	34.7	0.01	48.5	0.03	3.19	10.4	0	97.46	II
CAN190153	AJ095719	2	32	C	0.3	0.3	0	0.24	36.7	0	51.1	0.01	1.43	8.79	0	98.62	II
CAN190153	AJ095719	2	33	C	0.3	0.32	0	0.28	32.3	0	53.4	0.06	0.5	11.4	0	98.24	II
CAN190153	AJ095719	2	34	C	0.3	0.32	0.02	0.21	34.6	0	52.2	0	0.29	10.3	0	97.84	II
CAN190153	AJ095719	2	35	C	0.3	0.25	0	0.19	34.3	0	52.2	0	0.27	10.6	0	97.8	II
CAN190153	AJ095719	2	36	C	0.3	0.3	0	0.28	30.3	0	54.2	0	0.48	12.6	0	98.15	II
CAN190153	AJ095719	2	37	C	0.3	0.29	0	0.53	31.9	0	53.3	0.01	0.24	12.2	0	98.34	II
CAN190153	AJ095719	2	38	C	0.3	0.26	0	0.34	30.6	0.01	54.5	0	0.54	12.3	0	98.52	II

CAN190153 and CAN190156\_Samples From Paul Centis Claims  
Microprobe Analysis Report

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190153	AJ095719	2	39	C	0.3	0.32	0	0.31	28.7	0	55.4	0.02	0.62	13.4	0	98.91	II
CAN190153	AJ095719	2	40	C	0.3	0.31	0.01	0.15	38.1	0.02	50.8	0.01	0.39	8.43	0	98.2	II
CAN190153	AJ095719	2	41	C	0.3	0.31	0	0.2	35.5	0.02	51.4	0.03	0.46	9.99	0	97.99	II
CAN190153	AJ095719	2	42	C	0.3	0.34	0	0.19	36.5	0	50.9	0	0.4	9.5	0	97.86	II
CAN190153	AJ095719	2	43	C	0.3	0.28	0	0.21	37	0.01	48.2	0.02	1.36	9.8	0	96.95	II
CAN190153	AJ095719	2	44	C	0.3	0.3	0.02	0.31	29.3	0	55.5	0.04	0.48	13.1	0	99.11	II
CAN190153	AJ095719	2	46	C	0.3	0.31	0.01	0.58	30.7	0.01	54	0.01	0.19	12.7	0	98.5	II
CAN190153	AJ095719	2	47	C	0.3	0.34	0	0.14	39.2	0.01	47.7	0.02	1.66	8.12	0	97.2	II
CAN190153	AJ095719	2	48	C	0.3	0.26	0.04	0.5	28.1	0	54.9	0.01	1.63	13.5	0	98.93	II
CAN190153	AJ095719	2	49	C	0.3	0.26	0.01	0.46	26.9	0	56	0.02	1.68	14.2	0	99.6	II
CAN190153	AJ095719	2	50	C	0.3	0.31	0	0.2	37.2	0	50.4	0.01	0.52	9.18	0	97.85	II
CAN190153	AJ095719	2	51	C	0.3	0.38	0.02	0.57	26.4	0.03	56.5	0.03	1.18	14.5	0	99.57	II
CAN190153	AJ095719	2	52	C	0.3	0.36	0.04	0.32	32.3	0	52.4	0.02	0.6	11.6	0	97.61	II
CAN190153	AJ095719	2	53	C	0.3	0.29	0	0.21	38.5	0	50	0	1.13	7.93	0	97.97	II
CAN190153	AJ095719	2	54	C	0.3	0.32	0	0.3	31.8	0.03	53.8	0.04	0.38	11.6	0	98.32	II
CAN190153	AJ095719	2	55	C	0.3	0.34	0	0.23	33.9	0	52.7	0.03	0.41	10.6	0.1	98.21	II
CAN190153	AJ095719	2	56	C	0.3	0.28	0	0.23	37.8	0.01	50	0	1.43	8.31	0	98.04	II
CAN190153	AJ095719	2	57	C	0.3	0.29	0	0.19	42.5	0.03	47.1	0	0.89	6.43	0	97.39	II
CAN190153	AJ095719	2	58	C	0.3	0.31	0	0.25	33	0	54	0	0.41	11.5	0	99.46	II
CAN190153	AJ095719	2	59	C	0.3	0.3	0.01	0.42	28.2	0.03	54.4	0.05	1.46	13	0	97.95	II
CAN190153	AJ095719	2	60	C	0.3	0.28	0.02	0.33	30.9	0.02	54.3	0.03	0.72	11.9	0.1	98.57	II
CAN190153	AJ095719	2	61	C	0.3	0.32	0	0.53	29.1	0	55.7	0.01	0.19	13.2	0	99.08	II
CAN190153	AJ095719	2	62	C	0.3	0.3	0	0.32	31.8	0.02	54.3	0.04	0.58	11.5	0	98.88	II
CAN190153	AJ095719	2	63	C	0.3	0.22	0.03	0.73	28.2	0.01	53.2	0	3.61	12.7	0	98.72	II
CAN190153	AJ095719	2	64	C	0.3	0.3	0.05	0.3	31	0	54.4	0	0.35	12	0	98.38	II
CAN190153	AJ095719	2	65	C	0.3	0.33	0	0.62	27	0.01	52.4	0.06	4.97	13.1	0	98.55	II
CAN190153	AJ095719	2	66	C	0.3	0.24	0	0.56	27.7	0	55.8	0.04	0.56	13.7	0	98.69	II
CAN190153	AJ095719	2	67	C	0.3	0.29	0.01	0.43	27.3	0	55.9	0.03	0.82	14.1	0	98.82	II
CAN190153	AJ095719	2	68	C	0.3	0.22	0.02	0.7	27.5	0.02	54.3	0.02	2.55	13.5	0	98.82	II
CAN190153	AJ095719	2	69	C	0.3	0.29	0.07	0.22	33.5	0	53.5	0	0.33	10.9	0	98.82	II
CAN190153	AJ095719	2	70	C	0.3	0.72	0	0.03	44.4	0.01	52.7	0	0.02	1.25	0.1	99.19	II
CAN190153	AJ095719	2	71	C	0.3	0.26	0.04	0.44	28	0.02	55.9	0.05	0.93	13.4	0	98.98	II
CAN190153	AJ095719	2	72	C	0.3	0.31	0	0.33	29.2	0.04	55.2	0.03	0.63	12.8	0	98.54	II

CAN190153 and CAN190156\_Samples From Paul Centis Claims  
Microprobe Analysis Report

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190153	AJ095719	2	73	C	0.3	0.24	0.01	0.52	28.8	0	54	0.03	2.59	12.6	0	98.75	II
CAN190153	AJ095719	2	74	C	0.3	0.33	0	0.12	35.3	0.01	52.4	0	0.31	10.1	0	98.61	II
CAN190153	AJ095719	2	75	C	0.3	0.25	0.05	0.46	28.3	0.02	55.2	0.03	1.14	13.6	0	98.99	II
CAN190153	AJ095719	2	76	C	0.3	0.3	0	0.33	31.1	0	54.4	0.01	0.47	11.6	0	98.25	II
CAN190153	AJ095719	2	77	C	0.3	0.32	0	0.16	35.6	0	51.9	0.02	0.33	9.85	0	98.21	II
CAN190153	AJ095719	2	78	C	0.3	0.25	0	0.57	38.3	0	50.1	0	0.06	8.36	0	97.59	II
CAN190153	AJ095719	2	79	C	0.3	0.46	0	1.12	28.7	0.04	2.9	0	56.12	8.55	0.2	98.02	Sp
CAN190153	AJ095719	2	80	C	0.3	0.25	0.07	15.79	15.5	0.07	0.75	0	53.66	13.2	0.2	99.4	Sp
CAN190153	AJ095719	2	81	C	0.3	0.39	0	14.47	21	0.03	0.41	0.01	54.28	8.71	0.2	99.49	Sp
CAN190153	AJ095719	2	82	C	0.3	0.37	0	27.97	25.9	0.05	0.57	0	32.53	11.2	0.1	98.6	Sp
CAN190153	AJ095719	2	83	C	0.3	0.34	0.03	12.72	23.2	0.2	1.1	0	51.01	10.1	0.2	98.87	Sp
CAN190153	AJ095719	2	84	C	0.3	0.71	0.02	12.24	33.9	0	0.86	0	48.83	1.99	0.2	98.76	Sp
CAN190153	AJ095719	2	85	C	0.3	0.34	0.01	12.05	24.3	0.03	0.52	0.01	52.16	9.33	0.2	98.85	Sp
CAN190153	AJ095719	2	86	C	0.3	0.41	0	15.49	27.2	0.05	0.53	0	47.63	7.35	0.2	98.77	Sp
CAN190153	AJ095719	2	87	C	0.3	0.34	0.02	11.34	24.7	0	0.95	0	51.85	9.7	0.1	98.97	Sp
CAN190153	AJ095819	2	88	C	0.3	0.31	0.03	21.02	6.88	41.7	0.57	5.19	3.06	21.3	0	100.1	Ga
CAN190153	AJ095819	2	89	C	0.3	0.47	0.03	20.8	8.13	41.3	0.15	5.36	3.87	19.6	0	99.69	Ga
CAN190153	AJ095819	2	90	C	0.3	0.43	0.03	20.38	7.41	41.6	0.12	4.16	5.15	20.9	0	100.1	Ga
CAN190153	AJ095819	2	91	C	0.3	0.33	0.12	20.06	8.02	41.4	0.81	4.91	3.86	20.6	0	100.1	Ga
CAN190153	AJ095819	2	92	C	0.3	0.29	0.05	20.46	7.8	41.5	0.49	4.89	3.87	20.4	0	99.77	Ga
CAN190153	AJ095819	2	93	C	0.3	0.24	0	0.29	33.2	0	51.4	0.03	0.65	12	0	97.76	II
CAN190153	AJ095819	2	94	C	0.3	0.29	0	0.53	32.3	0.01	53.7	0	0.18	11.3	0	98.37	II
CAN190153	AJ095819	2	95	C	0.3	0.25	0	0.44	29.3	0.01	55.1	0	0.56	13	0	98.61	II
CAN190153	AJ095819	2	96	C	0.3	0.32	0	0.15	33.7	0	53.4	0.01	0.25	10.7	0	98.57	II
CAN190153	AJ095819	2	97	C	0.3	0.36	0	0.16	31.3	0	54.1	0.05	0.34	12.2	0	98.56	II
CAN190153	AJ095819	2	98	C	0.3	0.28	0	0.55	33.1	0.03	53.2	0.01	0.32	11.3	0	98.75	II
CAN190153	AJ095819	2	99	C	0.3	0.31	0	0.32	33.1	0	51.7	0.02	0.48	11.7	0	97.61	II
CAN190153	AJ095819	2	100	C	0.3	0.31	0	0.5	26.5	0	55.3	0.06	2.21	14.1	0	99.03	II
CAN190153	AJ095819	2	101	C	0.3	0.56	0	0.29	33.1	0.02	51.5	0.03	1.17	11.4	0	98.11	II
CAN190153	AJ095819	2	102	C	0.3	0.33	0	0.25	33.7	0.02	52.9	0	0.4	10.9	0	98.5	II
CAN190153	AJ095819	2	103	C	0.3	0.32	0.08	0.37	30.7	0.01	54.1	0.01	0.94	12.3	0	98.87	II
CAN190153	AJ095819	2	104	C	0.3	0.32	0	0.24	31.8	0.03	54	0.05	0.49	11.6	0	98.56	II
CAN190153	AJ095819	2	105	C	0.3	0.29	0	0.35	29.1	0.02	55.3	0.05	0.59	13	0	98.69	II

CAN190153 and CAN190156\_Samples From Paul Centis Claims  
Microprobe Analysis Report

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190153	AJ095819	2	106	C	0.3	0.33	0.01	0.52	26	0.03	56.4	0.04	1.16	14.7	0	99.12	II
CAN190153	AJ095819	2	107	C	0.3	0.32	0	0.27	31.4	0	54.4	0.04	0.57	11.8	0	98.81	II
CAN190153	AJ095819	2	108	C	0.3	0.26	0	0.36	31.9	0	54.1	0.01	0.46	11.7	0	98.77	II
CAN190153	AJ095819	2	109	C	0.3	0.36	0	0.1	37.3	0	50.3	0.02	0.69	8.88	0	97.77	II
CAN190153	AJ095819	2	110	C	0.3	0.27	0.01	0.2	31.4	0	54.6	0.02	0.31	11.7	0	98.56	II
CAN190153	AJ095819	2	111	C	0.3	0.28	0	0.4	31.2	0.01	54.7	0.01	0.58	11.8	0	99.08	II
CAN190153	AJ095819	2	112	C	0.3	0.41	0.01	0.33	30	0	54.3	0.04	0.33	13.2	0	98.58	II
CAN190153	AJ095819	2	113	C	0.3	0.32	0.02	0.41	30.3	0	55	0	0.35	12.7	0	99.07	II
CAN190153	AJ095819	2	114	C	0.3	0.25	0	0.45	28.3	0	55.1	0	1.06	13.8	0	98.95	II
CAN190153	AJ095819	2	115	C	0.3	0.29	0	0.23	37.8	0.02	50.8	0.01	1.1	8.7	0	99.03	II
CAN190153	AJ095819	2	116	C	0.3	0.33	0	0.27	32.8	0.01	53.2	0.01	0.51	11	0	98.13	II
CAN190153	AJ095819	2	117	C	0.3	0.28	0	0.55	26.9	0	54.5	0.01	2.96	13.8	0	99.09	II
CAN190153	AJ095819	2	118	C	0.3	0.29	0.01	0.17	33.5	0.01	53	0.02	0.39	10.7	0	98.16	II
CAN190153	AJ095819	2	119	C	0.3	0.31	0.06	0.38	28.5	0.01	55.2	0.02	0.87	13.5	0	98.87	II
CAN190153	AJ095819	2	120	C	0.3	0.29	0	0.19	34.7	0	52.3	0.02	0.45	10.2	0	98.14	II
CAN190153	AJ095819	2	121	C	0.3	0.28	0.02	0.26	30.4	0	55.1	0.01	0.39	12.3	0	98.78	II
CAN190153	AJ095819	2	122	C	0.3	0.32	0.01	0.21	34.4	0	50.8	0.02	0.98	11.3	0.1	98.12	II
CAN190153	AJ095819	2	123	C	0.3	0.27	0	0.41	27.1	0.02	55	0	1.83	14	0	98.62	II
CAN190153	AJ095819	2	124	C	0.3	0.31	0	0.15	38.3	0	48.6	0.01	1.35	8.66	0	97.36	II
CAN190153	AJ095819	2	125	C	0.3	2.01	0	0.11	32.9	0.01	58.6	0.01	0.05	0.28	0	93.9	II
CAN190153	AJ095819	2	126	C	0.3	0.31	0.07	0.28	31.1	0.03	53.7	0.06	1.52	11.9	0	99.02	II
CAN190153	AJ096019	2	127	C	0.3	0.34	0.03	21.15	7.91	41.3	0.56	4.85	2.77	21	0	99.98	Ga
CAN190153	AJ096019	2	128	C	0.3	0.3	0.01	17.79	6.67	41.2	0.54	5.87	7.63	20.3	0	100.4	Ga
CAN190153	AJ096019	2	129	C	0.3	0.28	0.04	20.4	6.83	41.7	0.43	5.16	3.99	21	0	99.85	Ga
CAN190153	AJ096019	2	130	C	0.3	0.43	0.02	20.58	7.03	41.6	0.06	5.11	4.84	20.6	0	100.2	Ga
CAN190153	AJ096019	2	131	C	0.3	0.33	0.03	20.37	7.06	41.5	0.41	5.11	4.23	21	0	100	Ga
CAN190153	AJ096019	2	132	C	0.3	0.42	0.1	22.52	10.9	41.3	0.76	4.63	0.17	19.3	0	100	Ga
CAN190153	AJ096019	2	133	C	0.3	0.39	0.02	22.27	8.27	41.5	0.08	4.6	2.31	20.4	0	99.85	Ga
CAN190153	AJ096019	2	134	C	0.3	0.42	0.02	19.44	7.77	40.8	0.28	5.66	5.8	19.5	0	99.64	Ga
CAN190153	AJ096019	2	135	C	0.3	0.28	0.02	19.83	7.12	41.6	0.72	5.49	4.36	20.8	0	100.1	Ga
CAN190153	AJ096019	2	136	C	0.3	0.47	0.06	22.22	8.2	41.7	0.12	4.63	2.54	20.6	0	100.6	Ga
CAN190153	AJ096019	2	137	C	0.3	0.32	0.1	20.7	9.17	41	1	4.91	2.34	20.1	0	99.66	Ga
CAN190153	AJ096019	2	138	C	0.3	0.44	0	20.52	7.38	41	0.05	5.34	4.84	20.2	0	99.73	Ga

CAN190153 and CAN190156\_Samples From Paul Centis Claims  
Microprobe Analysis Report

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190153	AJ096019	2	139	C	0.3	0.5	0.03	19.55	7.47	41.2	0.08	5.05	6.35	20.1	0	100.3	Ga
CAN190153	AJ096019	2	140	C	0.3	0.34	0.04	20	6.29	41.5	0.49	5.32	4.81	21.4	0	100.2	Ga
CAN190153	AJ096019	2	141	C	0.3	0.28	0.02	0.29	30.8	0	54.6	0.02	0.48	12.3	0.1	98.89	II
CAN190153	AJ096019	2	142	C	0.3	0.49	0.02	0.38	28.2	0.02	55.1	0	1.63	13.3	0	99.11	II
CAN190153	AJ096019	2	143	C	0.3	0.27	0	0.26	32.9	0	53.5	0.02	0.48	11.4	0	98.79	II
CAN190153	AJ096019	2	144	C	0.3	0.49	0.05	0.29	29.9	0.02	54.6	0.01	0.38	12.7	0	98.35	II
CAN190153	AJ096019	2	145	C	0.3	0.22	0.02	0.53	27.8	0	55.9	0	0.85	13.7	0	98.98	II
CAN190153	AJ096019	2	146	C	0.3	0.35	0	0.23	33	0	53.3	0	0.52	11.1	0	98.43	II
CAN190153	AJ096019	2	147	C	0.3	0.29	0.07	0.51	26.3	0	55.5	0.01	1.97	14.2	0	98.8	II
CAN190153	AJ096019	2	148	C	0.3	0.28	0	0.44	28.5	0.01	55.2	0	1	13.4	0	98.89	II
CAN190153	AJ096019	2	149	C	0.3	0.3	0	0.15	35.1	0.01	52.4	0.02	0.39	10.3	0	98.6	II
CAN190153	AJ096019	2	150	C	0.3	0.35	0	0.16	37	0.02	50.6	0.02	0.6	9.12	0	97.84	II
CAN190153	AJ096019	2	151	C	0.3	0.29	0.03	0.24	32.6	0	53.8	0	0.34	11.4	0	98.76	II
CAN190153	AJ096019	2	152	C	0.3	0.33	0.03	0.22	33.5	0.02	52.6	0.04	0.39	11.2	0	98.28	II
CAN190153	AJ096019	2	153	C	0.3	0.29	0	0.28	31.4	0	54.5	0	0.34	12	0	98.86	II
CAN190153	AJ096019	2	154	C	0.3	0.29	0	0.33	30.4	0	54.2	0	0.52	12.6	0	98.36	II
CAN190153	AJ096019	2	155	C	0.3	0.35	0.01	0.82	28	0.02	52.9	0.03	3.37	13.2	0	98.75	II
CAN190153	AJ096019	2	156	C	0.3	0.28	0.02	0.27	37	0.01	50.5	0	1.53	8.9	0	98.56	II
CAN190153	AJ096019	2	157	C	0.3	0.31	0	0.42	31.7	0	53.5	0.01	0.81	11.5	0.1	98.29	II
CAN190153	AJ096019	2	158	C	0.3	0.32	0.04	0.38	30.2	0	54.3	0.01	0.59	12.3	0	98.1	II
CAN190153	AJ096019	2	159	C	0.3	0.66	0	0.2	30	0	54.6	0.01	1.21	12.4	0	99.1	II
CAN190153	AJ096019	2	160	C	0.3	0.37	0	0.71	26.4	0.02	56.9	0.02	0.46	14.5	0	99.35	II
CAN190153	AJ096019	2	161	C	0.3	0.25	0	0.13	40.1	0	48.3	0	0.75	7.57	0	97.07	II
CAN190153	AJ096019	2	162	C	0.3	0.25	0.02	0.37	28.6	0.01	55.4	0	0.93	13.3	0	98.76	II
CAN190153	AJ096019	2	163	C	0.3	0.3	0.05	0.27	31.8	0.02	53.8	0.03	0.45	11	0	97.77	II
CAN190153	AJ096019	2	164	C	0.3	0.3	0	0.14	37.5	0	47.5	0	3.41	8.54	0	97.42	II
CAN190153	AJ096019	2	165	C	0.3	0.25	0.04	0.62	30.3	0	53.1	0.02	2.43	12.2	0	98.86	II
CAN190153	AJ096019	2	166	C	0.3	0.32	0	0.19	31.9	0.03	53.5	0.06	0.48	12.1	0	98.55	II
CAN190153	AJ096019	2	167	C	0.3	0.3	0	0.35	29	0	55	0.06	0.57	12.9	0	98.27	II
CAN190153	AJ096019	2	168	C	0.3	0.32	0	0.26	29.6	0	55.6	0.05	0.64	13.1	0	99.6	II
CAN190153	AJ096019	2	169	C	0.3	0.19	0.02	0.58	39.6	0.02	47.8	0.02	0.09	9.17	0	97.45	II
CAN190153	AJ096019	2	170	C	0.3	0.32	0	0.17	35.9	0	51.7	0	0.31	9.72	0	98.14	II
CAN190153	AJ096019	2	171	C	0.3	0.24	0	0.52	29	0	53.5	0	2.16	12.6	0	98.02	II

CAN190153 and CAN190156\_Samples From Paul Centis Claims  
Microprobe Analysis Report

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190153	AJ096019	2	172	C	0.3	0.3	0	0.28	31	0.03	54.6	0.01	0.49	12	0	98.77	II
CAN190153	AJ096019	2	173	C	0.3	0.35	0.01	0.18	35.8	0	52	0.02	0.32	9.94	0	98.74	II
CAN190153	AJ096019	2	174	C	0.3	0.23	0	0.2	36.7	0	50.8	0.01	0.35	9.62	0	97.94	II
CAN190153	AJ096019	2	175	C	0.3	0.27	0	0.51	29.8	0.01	53.2	0.03	2.64	12.1	0	98.56	II
CAN190153	AJ096019	2	176	C	0.3	0.35	0	0.53	29.7	0	54.6	0	0.33	13.2	0	98.76	II
CAN190153	AJ096019	2	177	C	0.3	0.28	0	0.29	36.6	0	51.4	0.01	0.93	8.95	0	98.5	II
CAN190153	AJ096019	2	178	C	0.3	0.33	0	0.14	35.7	0	51.3	0	0.42	9.61	0	97.48	II
CAN190153	AJ096019	2	179	C	0.3	0.29	0	0.33	30.3	0.01	54.7	0.01	0.48	12.7	0	98.93	II
CAN190153	AJ096019	2	180	C	0.3	0.37	0.01	0.26	27.3	0	56.1	0.32	0.59	14.8	0	99.68	II
CAN190153	AJ096019	2	181	C	0.3	0.3	0	0.33	30.1	0.04	55.3	0	0.55	12.6	0	99.24	II
CAN190153	AJ096019	2	182	C	0.3	0.34	0	0.14	39.6	0	49.5	0.03	0.79	7.71	0	98.05	II
CAN190153	AJ096019	2	183	C	0.3	0.31	0.04	0.45	26.8	0.02	56	0.04	1.14	14.4	0	99.19	II
CAN190153	AJ096019	2	184	C	0.3	0.32	0	10.61	16.8	0.07	0.1	0	59.02	11.9	0.1	98.93	II
CAN190153	AJ096019	2	185	C	0.3	0.32	0	0.27	31.6	0.04	54.3	0	0.47	11.9	0	98.86	II
CAN190153	AJ096019	2	186	C	0.3	0.3	0	0.24	32.1	0	53.9	0.02	0.38	11.6	0.1	98.57	II
CAN190153	AJ096019	2	187	C	0.3	0.2	0	0.51	29.7	0	53.6	0	2.75	12.3	0	99.16	II
CAN190153	AJ096019	2	188	C	0.3	0.3	0.05	0.28	30.4	0	54.9	0.02	0.38	12.7	0	99	II
CAN190153	AJ096019	2	189	C	0.3	0.3	0	0.2	34	0.01	52.9	0	0.42	10.8	0	98.56	II
CAN190153	AJ096019	2	190	C	0.3	0.28	0.01	16.71	14.3	0.03	0.19	0	54.09	13.4	0.1	99.06	Sp
CAN190153	AJ096019	2	191	C	0.3	0.43	0	13.84	22.7	0.05	0.47	0	52.51	8.81	0.1	98.93	Sp
CAN190153	AJ096019	2	192	C	0.3	1.76	0.09	3.89	33.8	0.17	0.21	0	51.47	0.17	6.9	98.47	Sp
CAN190153	AJ096019	2	193	C	0.3	0.92	0	12.51	26.1	0.21	0.3	0	53.02	6.13	0.1	99.33	Sp
CAN190153	AJ096019	2	194	C	0.3	0.35	0	10.06	29.5	0	1.77	0	48.81	7.51	0.1	98.08	Sp
CAN190153	AJ096019	2	195	C	0.3	1.17	0	11.12	34.2	0.03	0.52	0	48.47	2.26	0.7	98.45	Sp
CAN190153	AJ096019	2	196	C	0.3	0.49	0	14.78	30.2	0	0.78	0	46.31	5.56	0.3	98.44	Sp
CAN190153	AJ096019	3	1	C	0.3	0.39	0	4.43	25.2	0.01	0.97	0.04	57.5	10.1	0.1	98.82	Sp
CAN190153	AJ096219	3	2	C	0.3	0.27	0.02	21.18	7.67	41.9	0.7	4.98	2.17	21.1	0	99.98	Ga
CAN190153	AJ096219	3	3	C	0.3	0.28	0.04	19.22	7.3	41.2	0.82	5.56	4.78	20.6	0	99.87	Ga
CAN190153	AJ096219	3	4	C	0.3	0.29	0.04	19.05	7.34	41.2	0.86	5.61	5.03	20.6	0	100.1	Ga
CAN190153	AJ096219	3	5	C	0.3	0.43	0.03	20.62	7.59	41.9	0.21	4.41	4.31	20.7	0	100.2	Ga
CAN190153	AJ096219	3	6	C	0.3	0.31	0	19.43	7.34	41.5	0.85	5.58	4.94	20	0	100	Ga
CAN190153	AJ096219	3	7	C	0.3	12.7	0.02	20.75	28.3	35.6	0.07	0.78	0	1.22	0.1	99.43	Ga
CAN190153	AJ096219	3	8	C	0.3	0.3	0.02	19.19	7.47	41.1	0.86	5.72	4.67	20.6	0	99.87	Ga

CAN190153 and CAN190156\_Samples From Paul Centis Claims  
Microprobe Analysis Report

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190153	AJ096219	3	9	C	0.3	0.29	0.02	21.18	7.73	41.7	0.79	4.98	2.01	21.3	0	100	Ga
CAN190153	AJ096219	3	10	C	0.3	0.29	0.02	19.48	6.54	41.9	0.39	5.69	5.66	20.5	0	100.5	Ga
CAN190153	AJ096219	3	11	C	0.3	0.34	0	17.79	6.24	41.3	0.32	6.45	7.61	19.7	0	99.73	Ga
CAN190153	AJ096219	3	12	C	0.3	0.53	0.04	23.01	10.6	41.5	0.42	4.38	0.27	19.4	0	100.2	Ga
CAN190153	AJ096219	3	13	C	0.3	0.44	0.12	22.42	11	41.2	0.76	4.61	0.1	19.1	0	99.74	Ga
CAN190153	AJ096219	3	14	C	0.3	0.25	0	0.69	26.9	0.03	55.4	0.02	1.09	14.2	0	98.58	II
CAN190153	AJ096219	3	15	C	0.3	0.25	0.07	0.87	25.9	0.01	55.1	0	2.7	14	0	98.91	II
CAN190153	AJ096219	3	16	C	0.3	0.46	0.08	0.42	28.5	0.02	55.2	0.04	0.47	13.7	0	98.86	II
CAN190153	AJ096219	3	17	C	0.3	0.31	0.06	0.47	27.8	0	56.1	0.03	0.36	13.9	0	99.16	II
CAN190153	AJ096219	3	18	C	0.3	0.34	0.07	0.25	37.4	0	50	0	1.57	8.54	0	98.23	II
CAN190153	AJ096219	3	19	C	0.3	0.29	0	0.2	33.8	0	53	0.01	0.47	10.6	0.1	98.38	II
CAN190153	AJ096219	3	20	C	0.3	0.29	0	0.3	31.6	0.01	54.3	0	0.76	11.6	0	98.87	II
CAN190153	AJ096219	3	21	C	0.3	0.3	0	0.36	29.9	0	54.8	0.06	0.58	12.5	0	98.52	II
CAN190153	AJ096219	3	22	C	0.3	0.29	0	0.5	26.6	0.02	55	0.02	2.51	14.2	0	99.14	II
CAN190153	AJ096219	3	23	C	0.3	0.49	0.01	0.53	26.6	0.03	56.8	0.04	0.51	14.8	0	99.86	II
CAN190153	AJ096219	3	24	C	0.3	0.3	0	0.37	30.7	0	54.7	0.01	0.56	12.4	0	99.02	II
CAN190153	AJ096219	3	25	C	0.3	0.51	0	0.53	27	0	54.6	0.02	1.33	14.4	0	98.39	II
CAN190153	AJ096219	3	26	C	0.3	0.34	0	0.28	28.5	0	55.6	0.01	0.37	13.6	0	98.65	II
CAN190153	AJ096219	3	27	C	0.3	0.27	0	0.17	38.2	0	49.5	0	0.93	8.47	0	97.53	II
CAN190153	AJ096219	3	28	C	0.3	0.28	0	0.25	31.7	0	54.5	0.05	0.29	11.5	0.1	98.64	II
CAN190153	AJ096219	3	29	C	0.3	0.27	0.03	0.51	27.1	0	54.8	0.01	2.4	14.1	0	99.12	II
CAN190153	AJ096219	3	30	C	0.3	0.34	0.02	0.34	28.8	0	55.6	0.02	0.64	13.1	0	98.89	II
CAN190153	AJ096219	3	31	C	0.3	0.3	0	0.44	28.3	0.03	56.1	0.03	0.28	13.7	0	99.09	II
CAN190153	AJ096219	3	32	C	0.3	0.3	0	0.15	37.4	0	50.9	0	0.4	8.78	0	97.89	II
CAN190153	AJ096219	3	33	C	0.3	0.29	0	0.13	36	0	50.1	0.03	1.13	9.9	0	97.57	II
CAN190153	AJ096219	3	34	C	0.3	0.26	0.02	0.45	28.9	0.01	54.7	0	1.54	13.2	0	99.06	II
CAN190153	AJ096219	3	35	C	0.3	0.26	0	0.39	30.8	0	54.2	0.05	0.44	12.5	0	98.67	II
CAN190153	AJ096219	3	36	C	0.3	0.35	0	0.37	27.9	0	55.2	0.04	0.37	14.1	0	98.33	II
CAN190153	AJ096219	3	37	C	0.3	0.3	0	0.34	30.6	0.04	54.5	0.01	0.77	12	0	98.58	II
CAN190153	AJ096219	3	38	C	0.3	0.27	0	0.42	27	0.04	55.7	0.03	1.05	14	0	98.43	II
CAN190153	AJ096219	3	39	C	0.3	0.25	0	0.5	29	0.02	54.7	0.07	1.46	13	0	99.04	II
CAN190153	AJ096219	3	40	C	0.3	0.29	0	0.15	36.6	0.02	51.1	0.01	0.98	9.31	0	98.5	II
CAN190153	AJ096219	3	41	C	0.3	0.29	0.05	0.19	37.6	0	50	0	1.31	8.48	0	97.96	II



CAN190153 and CAN190156\_Samples From Paul Centis Claims  
Microprobe Analysis Report

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190153	AJ096219	3	42	C	0.3	0.34	0	0.15	40.6	0.01	49.1	0	0.79	7.2	0	98.19	II
CAN190153	AJ096219	3	43	C	0.3	0.35	0	0.27	31.9	0	54	0.03	0.73	11.5	0	98.77	II
CAN190153	AJ096219	3	44	C	0.3	0.31	0	0.12	37.7	0	49.9	0.02	0.45	8.91	0	97.38	II
CAN190153	AJ096219	3	45	C	0.3	0.27	0	0.28	31	0.02	54.4	0	0.51	12	0	98.55	II
CAN190153	AJ096219	3	46	C	0.3	0.23	0	0.53	26.7	0.02	54.3	0	3.15	13.5	0	98.45	II
CAN190153	AJ096219	3	47	C	0.3	0.23	0	0.33	29.3	0.01	55.8	0.02	0.57	12.8	0	98.99	II
CAN190153	AJ096219	3	48	C	0.3	0.35	0	0.16	39.8	0	49.4	0.01	0.77	7.7	0	98.18	II
CAN190153	AJ096219	3	49	C	0.3	0.3	0.02	0.42	28.8	0.01	55.5	0.05	1.06	13.4	0	99.57	II
CAN190153	AJ096219	3	50	C	0.3	0.27	0.01	14.18	15.7	0.09	0.35	0.03	56.01	12.4	0.1	99.09	Sp
CAN190153	AJ096219	3	51	C	0.3	0.21	0	13.84	13.9	0.16	0.26	0	56.32	14.7	0	99.46	Sp
CAN190153	AJ096219	3	52	C	0.3	1.65	0	11.17	31.9	0.01	1.74	0	46.73	4.71	0.2	98.03	Sp
CAN190153	AJ096219	3	53	C	0.3	0.19	0	30.85	14.2	0.08	0.87	0	35.56	16.9	0.1	98.74	Sp
CAN190153	AJ096219	3	54	C	0.3	0.29	0.02	14.06	24	0.01	0.81	0	49.29	10.7	0.1	99.29	Sp
CAN190153	AJ096219	3	55	C	0.3	0.18	0	14.23	14.3	0.11	0.28	0.02	55.37	14.6	0	99.1	Sp
CAN190153	AJ096619	3	56	C	0.3	0.27	0.01	21.19	7.45	41.9	0.75	5.05	2.08	20.7	0	99.4	Ga
CAN190153	AJ096619	3	57	C	0.3	0.3	0.02	19.34	6.46	41.5	0.53	5.3	5.13	21.3	0	99.85	Ga
CAN190153	AJ096619	3	58	C	0.3	0.39	0	21.5	6.99	41.2	0.02	5.02	3.76	20.9	0	99.74	Ga
CAN190153	AJ096619	3	59	C	0.3	0.44	0.02	21.79	8.63	41.5	0.2	4.74	2.28	20.4	0	100	Ga
CAN190153	AJ096619	3	60	C	0.3	0.47	0	0.62	29.5	0	53.2	0.02	0.54	13.9	0	98.28	II
CAN190153	AJ096619	3	61	C	0.3	0.33	0	0.2	35.5	0.01	52.1	0.02	0.37	10.1	0	98.69	II
CAN190153	AJ096619	3	62	C	0.3	0.4	0	0.23	31.5	0.02	54.2	0	0.32	12	0	98.67	II
CAN190153	AJ096619	3	63	C	0.3	0.32	0.01	0.21	31.2	0	53.9	0	1.73	11.9	0.1	99.37	II
CAN190153	AJ096619	3	64	C	0.3	0.28	0	0.51	26.8	0	55.6	0.01	1.66	14.1	0.1	98.98	II
CAN190153	AJ096619	3	65	C	0.3	0.3	0	0.31	34.1	0.02	51.3	0	1.24	11.1	0	98.32	II
CAN190153	AJ096619	3	66	C	0.3	0.33	0	0.42	26.9	0	56.3	0.08	1.24	14.3	0	99.5	II
CAN190153	AJ096619	3	67	C	0.3	0.29	0	0.29	33	0.01	52.4	0	0.86	11.2	0	98	II
CAN190153	AJ096619	3	68	C	0.3	0.27	0.05	0.3	31.9	0.01	54.1	0	0.69	11.6	0	98.89	II
CAN190153	AJ096619	3	69	C	0.3	0.31	0.01	0.3	32.5	0.01	54	0	0.7	11.4	0	99.13	II
CAN190153	AJ096619	3	70	C	0.3	0.29	0.02	0.29	31.8	0	53.8	0	0.52	11.6	0	98.25	II
CAN190153	AJ096619	3	71	C	0.3	0.32	0.05	0.55	27.4	0.03	54.3	0.04	3.04	13.2	0	98.95	II
CAN190153	AJ096619	3	72	C	0.3	0.55	0.03	0.41	25.4	0.02	55.8	0.04	2.06	14.7	0	99.04	II
CAN190153	AJ096619	3	73	C	0.3	0.31	0	0.26	36.5	0	50.2	0	1.5	9.22	0.1	98.03	II
CAN190153	AJ096619	3	74	C	0.3	0.34	0	0.62	31.5	0.03	54.6	0.02	0.13	11.7	0.1	98.92	II

CAN190153 and CAN190156\_Samples From Paul Centis Claims  
Microprobe Analysis Report

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190153	AJ096619	3	75	C	0.3	0.32	0	0.25	33.3	0	53.1	0	0.42	10.6	0	97.94	II
CAN190153	AJ096619	3	76	C	0.3	0.49	0.03	0.44	26.1	0.02	56	0.02	0.79	14.9	0	98.75	II
CAN190153	AJ096619	3	77	C	0.3	0.27	0	14.69	15.1	0.02	0.02	0	56.28	12.6	0.1	99.07	II
CAN190153	AJ096619	3	78	C	0.3	0.35	0.02	0.39	29.4	0.03	54.4	0.04	0.49	13.2	0	98.35	II
CAN190153	AJ096619	3	79	C	0.3	0.31	0	0.16	32.5	0	53.7	0.02	0.36	11.4	0	98.44	II
CAN190153	AJ096619	3	80	C	0.3	0.31	0	0.32	30.9	0	54.6	0.01	0.51	12	0	98.69	II
CAN190153	AJ096619	3	81	C	0.3	0.45	0	14.27	26.6	0.03	2.4	0	47.87	7.42	0.2	99.18	Sp
CAN190153	AJ096719	3	82	C	0.3	0.31	0.03	18.05	6.41	41.2	0.5	5.33	6.91	21.1	0.1	99.83	Ga
CAN190153	AJ096719	3	83	C	0.3	0.31	0.06	21.13	7.22	41.3	0.62	4.95	2.76	21.4	0	99.71	Ga
CAN190153	AJ096719	3	84	C	0.3	0.27	0.02	19.97	6.74	41.9	0.47	5.11	4.38	21.4	0	100.2	Ga
CAN190153	AJ096719	3	85	C	0.3	0.33	0.04	19.14	6.9	41.2	0.64	5.26	5.27	20.8	0	99.6	Ga
CAN190153	AJ096719	3	86	C	0.3	0.4	0.01	21.28	7.79	41.8	0.01	5.38	3.96	20	0	100.7	Ga
CAN190153	AJ096719	3	87	C	0.3	0.32	0.06	17.26	6.5	41.1	0.68	6.29	7.7	20.1	0	100	Ga
CAN190153	AJ096719	3	88	C	0.3	0.41	0	0.41	31.6	0.01	52.7	0.03	0.89	12.2	0	98.33	II
CAN190153	AJ096719	3	89	C	0.3	0.44	0	0.36	27.7	0	55.2	0.03	0.62	14.3	0	98.66	II
CAN190153	AJ096719	3	90	C	0.3	0.29	0.01	0.28	31.9	0	53.7	0	0.85	11.6	0	98.65	II
CAN190153	AJ096719	3	91	C	0.3	0.35	0	0.36	33.8	0	49.5	0.03	0.84	12.1	0	96.91	II
CAN190153	AJ096719	3	92	C	0.3	0.28	0.01	0.68	28.9	0.04	53	0.01	1.54	13	0	97.52	II
CAN190153	AJ096719	3	93	C	0.3	0.38	0.01	0.41	32.8	0.02	51.9	0.05	0.95	11.7	0	98.24	II
CAN190153	AJ096719	3	94	C	0.3	0.3	0	0.2	38.8	0	49.6	0	0.73	7.86	0	97.53	II
CAN190153	AJ096719	3	95	C	0.3	0.31	0	0.3	31.9	0.02	53.9	0.04	0.59	11.5	0	98.47	II
CAN190153	AJ096719	3	96	C	0.3	0.33	0	0.26	32.9	0	53.1	0.02	0.51	11	0	98.06	II
CAN190153	AJ096719	3	97	C	0.3	0.28	0	0.19	33.3	0	53	0	0.34	10.8	0	97.97	II
CAN190153	AJ096719	3	98	C	0.3	0.29	0.05	0.52	31.5	0.04	54.2	0.01	0.13	11.8	0	98.58	II
CAN190153	AJ096719	3	99	C	0.3	0.31	0	0.5	25.2	0.01	56.4	0.23	1.04	15.5	0	99.13	II
CAN190153	AJ096719	3	100	C	0.3	0.27	0	0.39	29.6	0	55.2	0	0.54	12.8	0.1	98.8	II
CAN190153	AJ096719	3	101	C	0.3	0.29	0.02	0.61	28.8	0.02	55.2	0.02	0.36	13.4	0	98.71	II
CAN190153	AJ096719	3	102	C	0.3	0.24	0.03	0.38	29.7	0	55.3	0.02	0.62	13	0	99.2	II
CAN190153	AJ096719	3	103	C	0.3	0.32	0	0.18	34.6	0.03	51.7	0	0.39	11	0	98.2	II
CAN190153	AJ096719	3	104	C	0.3	0.31	0	0.24	32.6	0.02	54.2	0.01	0.32	11.4	0	99.12	II
CAN190153	AJ096719	3	105	C	0.3	0.32	0.02	0.2	32.4	0	54	0.04	0.34	11.5	0.1	98.81	II
CAN190153	AJ096719	3	106	C	0.3	0.23	0.06	0.52	26.1	0	55.3	0.01	1.84	14.3	0	98.39	II
CAN190153	AJ096719	3	107	C	0.3	0.3	0	0.42	28.9	0	55.6	0.02	0.7	13.1	0	99.14	II

CAN190153 and CAN190156\_Samples From Paul Centis Claims  
Microprobe Analysis Report

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190153	AJ096719	3	108	C	0.3	0.32	0	0.63	26.8	0.02	53.6	0.08	3.2	13.9	0	98.52	II
CAN190153	AJ096719	3	109	C	0.3	0.24	0	0.7	28.4	0.02	55.4	0	0.55	14.2	0	99.53	II
CAN190153	AJ096719	3	110	C	0.3	0.3	0	0.39	31.3	0.04	55.2	0.01	0.11	12.2	0	99.5	II
CAN190153	AJ096719	3	111	C	0.3	0.28	0.02	0.52	27	0.02	56	0.05	1.11	14.1	0	99.02	II
CAN190153	AJ096719	3	112	C	0.3	0.35	0	13.39	19.9	0	0.18	0	54.06	11.1	0.1	99.06	II
CAN190153	AJ096719	3	113	C	0.3	0.23	0.04	0.41	33.6	0.01	52	0	0.42	11.4	0	98.13	II
CAN190153	AJ096719	3	114	C	0.3	0.25	0	16.02	16.7	0.05	0.4	0	53.39	12.5	0.1	99.35	Sp
CAN190153	AJ096719	3	115	C	0.3	0.31	0.02	11.9	25.4	0.01	2.05	0	49	10.2	0.1	98.93	Sp
CAN190153	AJ096719	3	116	C	0.3	0.3	0	13.97	20.6	0.06	0.47	0	52.75	10.2	0.1	98.5	Sp
CAN190153	AJ096719	3	117	C	0.3	0.58	0.01	14.99	30.9	0.01	0.9	0.01	48.06	3.43	0.3	99.16	Sp
CAN190153	AJ096719	3	118	C	0.3	0.29	0	12.68	22	0.24	0.5	0	52.72	10.2	0.1	98.8	Sp
CAN190153	AJ097819	3	119	C	0.3	0.34	0.09	21.06	8.51	41.7	0.82	4.55	2.65	20.7	0	100.4	Ga
CAN190153	AJ097819	3	120	C	0.3	0.54	0.01	21.8	7.16	41.4	0.05	5.24	3.82	20.3	0	100.4	Ga
CAN190153	AJ097819	3	121	C	0.3	0.46	0	21.14	7.25	41.7	0.03	5.4	4.01	20.3	0	100.4	Ga
CAN190153	AJ097819	3	122	C	0.3	0.43	0	21.21	6.97	41.8	0.07	5.34	4.15	20.3	0.1	100.3	Ga
CAN190153	AJ097819	3	123	C	0.3	0.27	0	0.28	34.9	0	51.4	0.02	0.85	10.1	0	97.82	II
CAN190153	AJ097819	3	124	C	0.3	0.28	0.03	0.33	29.5	0.02	54.5	0.03	0.71	13	0	98.38	II
CAN190153	AJ097819	3	125	C	0.3	0.56	0.02	0.26	28.7	0	54.9	0.05	0.8	13.6	0	98.83	II
CAN190153	AJ097819	3	126	C	0.3	0.33	0.03	0.19	38.2	0.02	49.5	0	0.81	8.57	0	97.61	II
CAN190153	AJ097819	3	127	C	0.3	0.42	0	0.56	28.6	0	54.7	0.04	0.57	14	0	98.84	II
CAN190153	AJ097819	3	128	C	0.3	0.28	0.02	0.12	42.1	0.02	44.6	0	3.17	6.4	0.1	96.82	II
CAN190153	AJ097819	3	129	C	0.3	0.32	0.04	0.19	36.3	0	51.2	0	0.63	9.41	0	98.18	II
CAN190153	AJ097819	3	130	C	0.3	0.31	0.06	0.29	31.6	0.02	54.2	0.02	0.36	11.7	0.1	98.67	II
CAN190153	AJ097819	3	131	C	0.3	0.3	0.02	0.21	32.3	0	53.4	0.01	0.33	11.4	0	98.02	II
CAN190153	AJ097819	3	132	C	0.3	0.27	0	0.19	36.8	0.01	50.7	0	0.36	9.27	0	97.56	II
CAN190153	AJ097819	3	133	C	0.3	0.32	0	0.24	33.6	0	52.8	0	0.68	10.9	0.1	98.65	II
CAN190153	AJ097819	3	134	C	0.3	0.32	0.03	0.52	27.5	0	55.9	0.02	1.09	13.7	0	99.1	II
CAN190153	AJ097819	3	135	C	0.3	0.29	0	0.14	39.5	0	49.2	0.04	0.71	8.16	0	98.11	II
CAN190153	AJ097819	3	136	C	0.3	0.28	0	0.15	37.2	0.02	50.4	0	0.46	8.86	0	97.43	II
CAN190153	AJ097819	3	137	C	0.3	0.34	0	0.16	40.4	0.01	48.8	0	0.85	7.33	0	97.95	II
CAN190153	AJ097819	3	138	C	0.3	0.3	0.02	0.33	27.9	0	55.9	0.04	0.51	14	0.1	99.05	II
CAN190153	AJ097819	3	139	C	0.3	0.35	0	0.34	30.3	0.04	54.4	0.01	0.48	13.1	0	99.05	II
CAN190153	AJ097819	3	140	C	0.3	0.31	0	0.19	37.6	0	49.9	0	0.8	9.02	0	97.82	II

CAN190153 and CAN190156\_Samples From Paul Centis Claims  
Microprobe Analysis Report

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190153	AJ097819	3	141	C	0.3	0.18	0.03	27.36	19.4	0.16	1.41	0	35.49	14.8	0.1	98.84	Sp
CAN190153	AJ097819	3	142	C	0.3	0.64	0	9.8	27.4	0.12	0.46	0	54.65	5.95	0.3	99.25	Sp
CAN190153	AJ099419	3	143	C	0.3	0.28	0.05	18.83	5.96	41.6	0.34	5.52	6.16	21	0	99.74	Ga
CAN190153	AJ099419	3	144	C	0.3	0.25	0.03	21.78	8.41	41.8	0.74	4.64	1.21	21.1	0	99.97	Ga
CAN190153	AJ099419	3	145	C	0.3	0.26	0.04	19.46	7.11	41.4	0.73	5.66	4.2	20.8	0	99.63	Ga
CAN190153	AJ099419	3	146	C	0.3	0.35	0.06	22.48	9.36	41.8	0.89	4.54	0.21	20.6	0.1	100.3	Ga
CAN190153	AJ099419	3	147	C	0.3	0.48	0.01	21.59	8.33	41.6	0.11	4.87	2.96	20.1	0	100	Ga
CAN190153	AJ099419	3	148	C	0.3	0.29	0.06	21.02	7.64	41.6	0.75	4.99	2.78	20.8	0	99.98	Ga
CAN190153	AJ099419	3	149	C	0.3	0.34	0.03	19.09	6.76	41.4	0.64	5.83	5.88	20.4	0	100.4	Ga
CAN190153	AJ099419	3	150	C	0.3	0.48	0	20.4	7.37	41.4	0.05	5.34	5.13	20.1	0	100.3	Ga
CAN190153	AJ099419	3	151	C	0.3	0.3	0	18.72	6.35	41.1	0.09	6.39	6.74	20.2	0	99.88	Ga
CAN190153	AJ099419	3	152	C	0.3	0.29	0.01	19.77	5.82	41.9	0.35	5.12	5.4	21.7	0	100.3	Ga
CAN190153	AJ099419	3	153	C	0.3	0.32	0.02	20.51	6.8	41.6	0.17	5.29	4.22	21.1	0	100.1	Ga
CAN190153	AJ099419	3	154	C	0.3	0.46	0	20.67	7.92	41.2	0.08	5.48	4.7	19.5	0	100.1	Ga
CAN190153	AJ099419	3	155	C	0.3	0.45	0.04	22.6	7.58	42	0.05	4.53	2.23	20.8	0	100.3	Ga
CAN190153	AJ099419	3	156	C	0.3	0.31	0.02	20.33	7.86	41.7	0.83	5.42	3.19	20.3	0	99.96	Ga
CAN190153	AJ099419	3	157	C	0.3	0.41	0.1	22.83	11.3	41.7	0.53	3.96	0.17	19.1	0	100.2	Ga
CAN190153	AJ099419	3	158	C	0.3	0.35	0	18.84	6.68	41.2	0.16	5.29	6.35	20.7	0	99.55	Ga
CAN190153	AJ099419	3	159	C	0.3	0.48	0.04	22.68	11.5	41.5	0.47	3.97	0.12	19.3	0	100.1	Ga
CAN190153	AJ099419	3	160	C	0.3	0.29	0.01	19.83	6.44	41.5	0.4	5.13	5.08	21.5	0	100.2	Ga
CAN190153	AJ099419	3	161	C	0.3	0.42	0.01	21.28	8.33	41.5	0.21	5.02	3.39	20	0	100.3	Ga
CAN190153	AJ099419	3	162	C	0.3	0.3	0.04	21.9	6.89	42	0.26	4.61	2.46	21.7	0	100.1	Ga
CAN190153	AJ099419	3	163	C	0.3	0.47	0	19.7	8.17	41	0.04	6.36	5.23	18.8	0	99.8	Ga
CAN190153	AJ099419	3	164	C	0.3	2.05	0	21.15	36.7	36.3	0.01	0.46	0	2.7	0	99.36	Ga
CAN190153	AJ099419	3	165	C	0.3	0.34	0.1	22.26	9.09	41.6	0.81	5.19	0.52	20.1	0	100	Ga
CAN190153	AJ099419	3	166	C	0.3	0.31	0	0.09	37.4	0.01	50.5	0.02	0.51	8.88	0	97.76	Il
CAN190153	AJ099419	3	167	C	0.3	0.36	0	0.22	33	0.02	52.9	0.05	0.33	11.4	0.1	98.3	Il
CAN190153	AJ099419	3	168	C	0.3	0.3	0.01	0.52	27.4	0.02	53.3	0.02	3.67	12.9	0	98.1	Il
CAN190153	AJ099419	3	169	C	0.3	0.23	0	0.6	27.1	0.02	54.7	0.02	2.57	13.5	0	98.7	Il
CAN190153	AJ099419	3	170	C	0.3	0.47	0.02	0.64	27.2	0.02	56.8	0.05	0.29	14.7	0	100.2	Il
CAN190153	AJ099419	3	171	C	0.3	0.3	0.02	0.28	35.3	0.01	51.9	0.02	0.96	9.98	0	98.81	Il
CAN190153	AJ099419	3	172	C	0.3	0.33	0.03	0.13	37.2	0	50.6	0.01	0.34	9.23	0	97.82	Il
CAN190153	AJ099419	3	173	C	0.3	0.31	0	0.55	32.7	0.04	53.5	0	0.15	11.3	0	98.54	Il

CAN190153 and CAN190156\_Samples From Paul Centis Claims  
Microprobe Analysis Report

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190153	AJ099419	3	174	C	0.3	0.26	0	0.14	36.5	0.03	49.8	0	1.02	9.68	0.1	97.53	II
CAN190153	AJ099419	3	175	C	0.3	0.23	0.01	0.45	28.2	0	55.5	0.04	0.97	13.5	0	98.85	II
CAN190153	AJ099419	3	176	C	0.3	0.25	0	0.54	27.5	0.04	54.2	0.03	2.66	13.2	0	98.31	II
CAN190153	AJ099419	3	177	C	0.3	0.3	0.01	0.24	30.7	0	54.6	0	0.37	12.1	0	98.3	II
CAN190153	AJ099419	3	178	C	0.3	0.27	0	0.36	31.1	0.01	54.2	0	0.73	12	0	98.63	II
CAN190153	AJ099419	3	179	C	0.3	0.33	0	0.23	33.5	0.02	53.2	0.03	0.41	10.7	0	98.4	II
CAN190153	AJ099419	3	180	C	0.3	0.41	0	0.51	27.3	0.01	55.3	0.04	0.52	14.4	0.1	98.53	II
CAN190153	AJ099419	3	181	C	0.3	0.38	0.01	0.46	29.9	0.01	53.8	0.05	0.46	13	0	98.09	II
CAN190153	AJ099419	3	182	C	0.3	0.31	0	0.44	28.5	0.02	54.6	0	1.19	13	0	98.11	II
CAN190153	AJ099419	3	183	C	0.3	0.32	0	0.14	37.7	0.03	49.4	0	1.22	8.68	0	97.43	II
CAN190153	AJ099419	3	184	C	0.3	0.25	0	0.83	26.6	0.01	55.2	0.01	1.59	14.4	0	98.84	II
CAN190153	AJ099419	3	185	C	0.3	0.26	0.01	0.22	35.5	0	50.7	0.03	1.11	10.4	0	98.23	II
CAN190153	AJ099419	3	186	C	0.3	0.26	0.03	0.42	27.6	0	56	0	0.79	13.8	0	98.87	II
CAN190153	AJ099419	3	187	C	0.3	0.25	0.05	0.44	29.7	0.03	54.5	0.03	1.49	12.6	0	99.1	II
CAN190153	AJ099419	3	188	C	0.3	0.31	0	0.26	30.2	0	54.2	0	0.45	12.7	0	98.07	II
CAN190153	AJ099419	3	189	C	0.3	0.28	0	0.26	31.2	0.02	54.5	0.04	0.47	12	0.1	98.83	II
CAN190153	AJ099419	3	190	C	0.3	0.38	0.01	0.47	26.5	0	56.5	0.03	0.87	14.1	0	98.95	II
CAN190153	AJ099419	3	191	C	0.3	0.26	0.02	0.57	27.1	0.01	56.1	0.01	1.14	14.3	0	99.48	II
CAN190153	AJ099419	3	192	C	0.3	0.76	0	0.08	44.7	0	51.9	0	0.02	1.17	0	98.64	II
CAN190153	AJ099419	3	193	C	0.3	0.33	0	0.16	34.5	0.02	52.4	0	0.41	10.3	0.1	98.21	II
CAN190153	AJ099419	3	194	C	0.3	0.29	0	0.33	29.8	0.01	55.3	0	0.55	12.6	0.1	98.9	II
CAN190153	AJ099419	3	195	C	0.3	0.5	0.02	0.48	25.8	0.03	56.2	0.08	1.93	14.5	0	99.58	II
CAN190153	AJ099419	3	196	C	0.3	0.36	0	0.22	31	0	54.4	0.01	0.35	12.3	0	98.56	II
CAN190153	AJ099419	4	1	C	0.3	0.35	0	0.43	32.3	0	51.2	0	1.18	12.1	0	97.57	II
CAN190153	AJ099419	4	2	C	0.3	0.27	0.03	0.36	29.2	0.02	55.4	0.04	0.65	13	0	98.91	II
CAN190153	AJ099419	4	3	C	0.3	0.27	0	0.54	26.8	0.01	54.8	0.05	1.96	14.2	0	98.65	II
CAN190153	AJ099419	4	4	C	0.3	0.33	0	0.17	37.4	0	50.5	0	0.5	8.74	0	97.57	II
CAN190153	AJ099419	4	5	C	0.3	0.32	0	0.33	31.5	0	54.5	0.03	0.32	11.7	0	98.73	II
CAN190153	AJ099419	4	6	C	0.3	0.35	0	0.15	36.1	0	51.3	0.01	0.42	9.55	0.1	97.92	II
CAN190153	AJ099419	4	7	C	0.3	0.3	0	0.27	30.3	0	54.4	0.06	0.33	12.3	0	97.98	II
CAN190153	AJ099419	4	8	C	0.3	2.16	0.04	0.01	46	0.02	50	0	0.04	0.06	0	98.31	II
CAN190153	AJ099419	4	9	C	0.3	0.26	0	0.16	38.5	0	49.6	0	1	8.68	0	98.2	II
CAN190153	AJ099419	4	10	C	0.3	0.31	0.03	0.34	31.1	0.02	54.5	0.01	0.62	12	0.1	98.97	II

CAN190153 and CAN190156\_Samples From Paul Centis Claims  
Microprobe Analysis Report

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190153	AJ099419	4	11	C	0.3	0.32	0	0.24	33.7	0	52.8	0.02	0.4	10.6	0.1	98.15	II
CAN190153	AJ099419	4	12	C	0.3	0.23	0	0.52	30.9	0.01	52.7	0.04	0.4	13.2	0	97.98	II
CAN190153	AJ099419	4	13	C	0.3	0.32	0	0.2	35.7	0.01	52.3	0	0.4	9.85	0.1	98.87	II
CAN190153	AJ099419	4	14	C	0.3	0.25	0.06	0.32	29	0	55.4	0.04	0.81	13	0.1	98.99	II
CAN190153	AJ099419	4	15	C	0.3	0.29	0	0.37	29.8	0.02	55.1	0.01	0.6	12.6	0	98.81	II
CAN190153	AJ099419	4	16	C	0.3	0.25	0.03	0.57	26.4	0.01	53.8	0	3.76	13.6	0	98.39	II
CAN190153	AJ099419	4	17	C	0.3	0.36	0	0.62	29.3	0.01	55.6	0.03	0.48	13.4	0	99.77	II
CAN190153	AJ099419	4	18	C	0.3	0.28	0.01	0.19	34.1	0	53.1	0.02	0.42	10.5	0.1	98.62	II
CAN190153	AJ099419	4	19	C	0.3	0.3	0.04	0.2	32.7	0.02	53.2	0.02	0.38	11	0	97.83	II
CAN190153	AJ099419	4	20	C	0.3	0.3	0	0.15	38.6	0.01	48.1	0.01	2.08	8.23	0	97.46	II
CAN190153	AJ099419	4	21	C	0.3	0.3	0	0.11	39.6	0.01	47.9	0.01	2.32	7.77	0	97.94	II
CAN190153	AJ099419	4	22	C	0.3	0.34	0	0.22	34.2	0	53	0.01	0.46	10.7	0	98.9	II
CAN190153	AJ099419	4	23	C	0.3	0.33	0	0.13	39.1	0	49	0.03	0.74	8.09	0.1	97.53	II
CAN190153	AJ099419	4	24	C	0.3	0.26	0.03	0.38	28.7	0.04	55.2	0.03	0.49	13.6	0.1	98.78	II
CAN190153	AJ099419	4	25	C	0.3	0.37	0.04	0.4	26.2	0.02	56.1	0.05	1.18	14.7	0	98.97	II
CAN190153	AJ099419	4	26	C	0.3	0.25	0.01	0.4	26.4	0	55.5	0.02	1.36	14.2	0	98.18	II
CAN190153	AJ099419	4	27	C	0.3	0.35	0	0.43	29.6	0.02	55	0.02	0.31	13.5	0	99.24	II
CAN190153	AJ099419	4	28	C	0.3	0.33	0	0.3	29.8	0.03	55.1	0.03	0.52	12.5	0	98.6	II
CAN190153	AJ099419	4	29	C	0.3	0.23	0.03	0.81	25.9	0.02	55.9	0.04	1.28	14.4	0	98.62	II
CAN190153	AJ099419	4	30	C	0.3	0.29	0	0.18	35.7	0.02	52.3	0.01	0.36	9.82	0	98.63	II
CAN190153	AJ099419	4	31	C	0.3	0.27	0.03	0.52	26.6	0.03	56.2	0	0.9	14.3	0	98.86	II
CAN190153	AJ099419	4	32	C	0.3	0.26	0.04	0.6	27	0	54.8	0	2.66	13.5	0	98.92	II
CAN190153	AJ099419	4	33	C	0.3	0.32	0.03	0.31	31.3	0	54.2	0	0.47	11.9	0.1	98.48	II
CAN190153	AJ099419	4	34	C	0.3	0.25	0.01	0.32	29.7	0.03	55	0.03	0.45	12.8	0	98.65	II
CAN190153	AJ099419	4	35	C	0.3	0.25	0	0.42	35.4	0	48.2	0.02	1.73	11	0	97.09	II
CAN190153	AJ099419	4	36	C	0.3	0.34	0.04	0.27	36.3	0.01	51.1	0.01	0.9	9.15	0	98.05	II
CAN190153	AJ099419	4	37	C	0.3	0.28	0	0.3	31.7	0.01	53.4	0.02	1.47	11.6	0	98.73	II
CAN190153	AJ099419	4	38	C	0.3	0.28	0.03	0.5	29.6	0	53.1	0.02	2.76	12	0	98.31	II
CAN190153	AJ099419	4	39	C	0.3	0.3	0.03	0.52	26.7	0	56.1	0.02	0.87	14.3	0	98.83	II
CAN190153	AJ099419	4	40	C	0.3	0.25	0	0.6	26.7	0.02	53.5	0	3.54	13.8	0	98.46	II
CAN190153	AJ099419	4	41	C	0.3	0.29	0.02	0.46	29.5	0	55	0	0.84	12.8	0	98.92	II
CAN190153	AJ099419	4	42	C	0.3	0.31	0.03	0.61	26.9	0.05	55.7	0.03	1.27	14.3	0	99.2	II
CAN190153	AJ099419	4	43	C	0.3	0.34	0	0.36	29.9	0.01	54.3	0.02	0.51	12.6	0	98.1	II

CAN190153 and CAN190156\_Samples From Paul Centis Claims  
Microprobe Analysis Report

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190153	AJ099419	4	44	C	0.3	0.47	0.01	0.53	31.1	0	51.5	0.06	1.14	13.2	0	98.06	II
CAN190153	AJ099419	4	45	C	0.3	0.27	0	0.28	32.1	0	53.4	0	0.53	11.6	0	98.17	II
CAN190153	AJ099419	4	46	C	0.3	0.79	0	0.04	44.9	0	52.7	0	0.01	0.83	0.1	99.27	II
CAN190153	AJ099419	4	47	C	0.3	0.29	0	16.21	15.7	0.03	0.3	0	53.42	13.2	0.1	99.33	Sp
CAN190153	AJ099419	4	48	C	0.3	0.26	0.02	17.38	15.2	0.03	0.15	0	52.78	13.2	0.1	99.17	Sp
CAN190153	AJ099419	4	49	C	0.3	0.3	0	13.68	15.6	0.01	0.16	0	57.64	12.1	0.1	99.61	Sp
CAN190153	AJ099419	4	50	C	0.3	0.28	0	13.7	15.2	0	0.45	0	56.84	12.6	0.1	99.2	Sp
CAN190153	AJ099419	4	51	C	0.3	0.64	0	11.12	31.8	0.03	2.44	0	46.67	4.93	0.3	97.94	Sp
CAN190153	AJ099419	4	52	C	0.3	0.34	0	12.57	23.7	0.05	0.6	0.01	51.3	9.52	0.1	98.21	Sp
CAN190153	AJ099419	4	53	C	0.3	0.28	0.05	12.9	19	0.07	0.4	0	54.05	12	0	98.72	Sp
CAN190153	AJ100019	4	54	C	0.3	0.29	0.06	18.88	6.48	41	0.63	5.73	5.61	20.7	0	99.32	Ga
CAN190153	AJ100019	4	55	C	0.3	0.33	0.07	22.08	8.6	41.8	1.09	3.97	0.55	21.6	0	100	Ga
CAN190153	AJ100019	4	56	C	0.3	0.34	0.01	18.97	6.32	41	0.07	6.21	6.74	20.2	0	99.93	Ga
CAN190153	AJ100019	4	57	C	0.3	0.47	0.02	19.51	7.84	41.2	0.12	5.88	5.88	19.2	0	100.2	Ga
CAN190153	AJ100019	4	58	C	0.3	0.44	0.05	22.85	11	41.6	0.66	4.15	0.12	19.6	0.1	100.5	Ga
CAN190153	AJ100019	4	59	C	0.3	0.39	0.08	22.55	10.7	41.2	0.74	4.63	0.19	19.2	0	99.71	Ga
CAN190153	AJ100019	4	60	C	0.3	0.31	0.01	17.52	6.07	41.3	0.17	6.03	8.23	20.6	0	100.1	Ga
CAN190153	AJ100019	4	61	C	0.3	0.3	0.01	21.1	6.79	41.8	0.4	4.64	3.34	21.6	0	100	Ga
CAN190153	AJ100019	4	62	C	0.3	0.29	0.08	20.64	7.57	41.4	0.7	5.26	3.17	20.5	0	99.68	Ga
CAN190153	AJ100019	4	63	C	0.3	0.3	0.04	20.52	6.57	41.5	0.48	5.09	3.7	21.3	0	99.51	Ga
CAN190153	AJ100019	4	64	C	0.3	0.28	0.02	17.24	6.21	41	0.67	6.24	7.77	20.3	0	99.83	Ga
CAN190153	AJ100019	4	65	C	0.3	0.28	0.07	17.36	7.99	40.3	1.55	6.92	6.15	19	0	99.55	Ga
CAN190153	AJ100019	4	66	C	0.3	0.31	0.04	20.24	7.42	41.5	0.68	5.26	3.68	21.1	0	100.2	Ga
CAN190153	AJ100019	4	67	C	0.3	0.38	0	22.21	8.23	41.3	0.04	4.65	2.04	20.5	0	99.3	Ga
CAN190153	AJ100019	4	68	C	0.3	0.36	0.07	22.51	9.81	41.8	0.73	5.02	0.22	19.6	0	100.1	Ga
CAN190153	AJ100019	4	69	C	0.3	0.36	0.05	19.29	6.43	41.3	0.27	5.15	6.13	21	0	99.97	Ga
CAN190153	AJ100019	4	70	C	0.3	0.29	0.02	21.23	7.28	42	0.68	5.06	2.08	21	0	99.68	Ga
CAN190153	AJ100019	4	71	C	0.3	0.31	0	21.15	3.08	39.3	0.2	35.7	0	0.13	0	99.9	Ga
CAN190153	AJ100019	4	72	C	0.3	0.27	0	0.45	27	0	56.5	0.03	0.88	14.2	0	99.29	II
CAN190153	AJ100019	4	73	C	0.3	0.35	0	0.25	34.9	0.02	51.3	0.04	1.56	10.1	0	98.55	II
CAN190153	AJ100019	4	74	C	0.3	0.52	0.03	0.51	27.4	0.03	54.8	0.07	0.93	13.9	0	98.2	II
CAN190153	AJ100019	4	75	C	0.3	0.26	0.07	0.1	37.8	0.02	46.8	0.01	3.58	8.4	0	97.06	II
CAN190153	AJ100019	4	76	C	0.3	0.31	0.03	0.2	33.9	0.03	53	0.01	0.34	10.6	0	98.44	II

CAN190153 and CAN190156\_Samples From Paul Centis Claims  
Microprobe Analysis Report

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190153	AJ100019	4	77	C	0.3	0.31	0	0.1	37.9	0.03	47.8	0.02	2.74	8.34	0	97.23	II
CAN190153	AJ100019	4	78	C	0.3	0.5	0.03	0.57	25.9	0	55.3	0.05	1.41	14.6	0	98.32	II
CAN190153	AJ100019	4	79	C	0.3	0.31	0.01	0.62	26.6	0.22	55.4	0.06	1.56	13.9	0	98.63	II
CAN190153	AJ100019	4	80	C	0.3	0.28	0	0.53	27.3	0.02	55	0.02	1.81	13.7	0	98.6	II
CAN190153	AJ100019	4	81	C	0.3	0.35	0.05	0.63	26.5	0.04	56.6	0.02	0.57	14.4	0	99.13	II
CAN190153	AJ100019	4	82	C	0.3	0.33	0	0.17	41.4	0	48.1	0.03	0.77	6.8	0	97.57	II
CAN190153	AJ100019	4	83	C	0.3	0.28	0	0.32	30.3	0	54.8	0.06	0.47	12.4	0	98.59	II
CAN190153	AJ100019	4	84	C	0.3	0.29	0	0.31	29.3	0	55.1	0.02	0.64	12.7	0	98.33	II
CAN190153	AJ100019	4	85	C	0.3	0.29	0	0.12	43.7	0.01	44.2	0.02	2.1	5.92	0	96.38	II
CAN190153	AJ100019	4	86	C	0.3	0.31	0.04	0.48	27.7	0.02	55	0.02	1.11	13.5	0	98.22	II
CAN190153	AJ100019	4	87	C	0.3	0.29	0.08	0.22	33.1	0.01	53.2	0.02	0.48	10.8	0	98.2	II
CAN190153	AJ100019	4	88	C	0.3	0.26	0.03	0.43	26.9	0	56.1	0.01	0.97	14.1	0	98.91	II
CAN190153	AJ100019	4	89	C	0.3	0.32	0	0.39	27.3	0	56.2	0.02	0.21	14.1	0	98.57	II
CAN190153	AJ100019	4	90	C	0.3	0.3	0	0.23	35.8	0	50	0.02	0.8	10	0	97.17	II
CAN190153	AJ100019	4	91	C	0.3	0.27	0	0.42	27.2	0.04	55.9	0.03	1.08	14.3	0	99.27	II
CAN190153	AJ100019	4	92	C	0.3	0.35	0	0.36	32.9	0.02	52.1	0.02	0.4	11.6	0	97.71	II
CAN190153	AJ100019	4	93	C	0.3	0.29	0	0.33	29.5	0	55.2	0.02	0.41	13	0	98.72	II
CAN190153	AJ100019	4	94	C	0.3	0.26	0	0.45	28	0.01	55.5	0.01	1.26	13.5	0	98.93	II
CAN190153	AJ100019	4	95	C	0.3	0.33	0	0.27	32	0.03	53.8	0.04	0.33	11.5	0	98.36	II
CAN190153	AJ100019	4	96	C	0.3	0.31	0.02	0.45	27.3	0.02	55.3	0.02	1.17	13.9	0	98.52	II
CAN190153	AJ100019	4	97	C	0.3	0.33	0.03	0.16	34.3	0	52.8	0.01	0.38	10.5	0	98.37	II
CAN190153	AJ100019	4	98	C	0.3	0.31	0	0.1	43.1	0	45.3	0.01	1.67	6.17	0	96.62	II
CAN190153	AJ100019	4	99	C	0.3	0.26	0.02	0.59	26.4	0	53.8	0	3.63	13.9	0	98.61	II
CAN190153	AJ100019	4	100	C	0.3	0.28	0	0.55	26.6	0	54.3	0	3.29	13.7	0	98.72	II
CAN190153	AJ100019	4	101	C	0.3	0.27	0.02	0.23	30.9	0	54.7	0	0.34	11.7	0	98.24	II
CAN190153	AJ100019	4	102	C	0.3	0.3	0	0.27	31.6	0	52.9	0.03	1.43	11.5	0	97.98	II
CAN190153	AJ100019	4	103	C	0.3	0.3	0	0.34	31.1	0.03	53.7	0.01	0.67	12.2	0	98.3	II
CAN190153	AJ100019	4	104	C	0.3	0.24	0.03	0.54	28.9	0.02	53.5	0.05	3.19	12	0	98.43	II
CAN190153	AJ100019	4	105	C	0.3	0.32	0.04	0.13	35.2	0.01	52	0.01	0.54	9.94	0	98.17	II
CAN190153	AJ100019	4	106	C	0.3	0.39	0.04	0.24	31.6	0	53.4	0	0.51	12.1	0	98.23	II
CAN190153	AJ100019	4	107	C	0.3	0.43	0	2.28	25.2	0.02	2.19	0	58.56	9.58	0.1	98.38	II
CAN190153	AJ100019	4	108	C	0.3	0.29	0	0.36	30.6	0.04	54.1	0.03	1.03	12	0	98.37	II
CAN190153	AJ100019	4	109	C	0.3	0.3	0.03	0.31	29.7	0	55.2	0	0.49	12.9	0	98.93	II



CAN190153 and CAN190156\_Samples From Paul Centis Claims  
Microprobe Analysis Report

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190153	AJ100019	4	110	C	0.3	0.32	0	0.21	37.7	0.02	49.9	0	1.13	8.51	0	97.8	II
CAN190153	AJ100019	4	111	C	0.3	0.28	0	13.56	19.6	0.1	0.32	0	54.09	11	0	98.93	II
CAN190153	AJ100019	4	112	C	0.3	0.36	0	0.52	26.7	0	54.8	0.08	2.25	13.9	0	98.69	II
CAN190153	AJ100019	4	113	C	0.3	0.3	0.07	0.26	30.2	0	55	0	0.47	12.5	0	98.89	II
CAN190153	AJ100019	4	114	C	0.3	0.48	0.05	0.52	26	0.02	55.8	0.06	1.01	15.2	0	99.12	II
CAN190153	AJ100019	4	115	C	0.3	0.29	0	0.22	34.1	0.01	52.8	0.01	0.39	10.7	0	98.47	II
CAN190153	AJ100019	4	116	C	0.3	0.27	0	0.51	26.8	0.05	56	0	0.73	14.4	0	98.71	II
CAN190153	AJ100019	4	117	C	0.3	0.27	0.02	0.73	28.1	0.05	53.8	0.05	2.93	13.1	0.1	99.02	II
CAN190153	AJ100019	4	118	C	0.3	0.33	0.03	0.22	34.1	0	52.7	0.01	0.36	10.3	0	98.05	II
CAN190153	AJ100019	4	119	C	0.3	0.23	0.01	0.56	27.6	0.01	54.5	0.03	2.6	13.6	0	99.03	II
CAN190153	AJ100019	4	120	C	0.3	0.3	0.02	0.34	29.4	0.01	55	0.03	0.52	12.7	0	98.17	II
CAN190153	AJ100019	4	121	C	0.3	0.34	0	0.1	37.2	0	49.1	0	1.98	8.95	0	97.65	II
CAN190153	AJ100019	4	122	C	0.3	0.46	0	1.02	39.1	0	3.44	0	46	6.44	0.1	96.54	II
CAN190153	AJ100019	4	123	C	0.3	0.42	0	0.67	25.9	0	55.7	0.04	1.9	14.3	0	98.96	II
CAN190153	AJ100019	4	124	C	0.3	0.29	0.02	0.34	31.7	0.03	53.9	0.05	0.54	11.5	0	98.44	II
CAN190153	AJ100019	4	125	C	0.3	0.27	0	0.51	27.4	0.01	55.8	0.01	1	14.1	0	99.06	II
CAN190153	AJ100019	4	126	C	0.3	0.31	0.02	0.3	31.6	0	54	0	0.82	11.6	0	98.65	II
CAN190153	AJ100019	4	127	C	0.3	0.3	0	0.1	35.3	0	46.6	0	4.98	9.6	0	96.87	II
CAN190153	AJ100019	4	128	C	0.3	0.27	0	0.37	30.9	0.05	54	0	0.92	12.1	0	98.56	II
CAN190153	AJ100019	4	129	C	0.3	0.28	0	0.76	26.6	0	56.5	0.03	0.88	14.3	0	99.38	II
CAN190153	AJ100019	4	130	C	0.3	0.23	0	0.17	31.5	0.02	53.5	0.02	0.8	12.2	0.1	98.49	II
CAN190153	AJ100019	4	131	C	0.3	0.32	0	0.24	33.7	0	52.5	0.01	0.43	10.7	0	97.84	II
CAN190153	AJ100019	4	132	C	0.3	0.35	0	0.32	31.5	0.03	53.7	0.02	0.59	12	0	98.49	II
CAN190153	AJ100019	4	133	C	0.3	0.27	0.01	0.34	29.7	0	54.4	0.01	1.34	12.7	0	98.72	II
CAN190153	AJ100019	4	134	C	0.3	0.32	0.02	0.18	36.2	0.03	51.3	0.01	0.28	9.04	0	97.36	II
CAN190153	AJ100019	4	135	C	0.3	0.31	0.02	0.19	33.4	0	53	0.04	0.45	11.1	0	98.57	II
CAN190153	AJ100019	4	136	C	0.3	0.44	0	0.54	26.6	0	56	0.04	0.65	14.2	0	98.5	II
CAN190153	AJ100019	4	137	C	0.3	0.31	0	0.32	36.4	0	51.1	0.02	1.02	9.3	0	98.51	II
CAN190153	AJ100019	4	138	C	0.3	0.28	0	0.4	29.9	0.01	55	0.02	0.62	12.6	0	98.82	II
CAN190153	AJ100019	4	139	C	0.3	0.26	0	0.45	26.4	0	55.8	0.01	1.19	14.5	0	98.54	II
CAN190153	AJ100019	4	140	C	0.3	0.29	0	0.15	36.7	0	50.8	0.01	0.32	9.05	0	97.3	II
CAN190153	AJ100019	4	141	C	0.3	0.32	0.04	0.18	39.2	0	49.3	0	0.98	7.83	0	97.81	II
CAN190153	AJ100019	4	142	C	0.3	0.29	0	0.27	32.5	0.01	53.3	0	0.59	11.3	0	98.27	II

CAN190153 and CAN190156\_Samples From Paul Centis Claims  
Microprobe Analysis Report

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190153	AJ100019	4	143	C	0.3	0.3	0	0.32	30.6	0	54.6	0.03	0.61	12.7	0	99.15	II
CAN190153	AJ100019	4	144	C	0.3	0.24	0	0.5	26.5	0.02	55.1	0.1	2.32	14.4	0	99.14	II
CAN190153	AJ100019	4	145	C	0.3	0.27	0.01	0.25	29.7	0.01	55	0.01	0.65	12.8	0	98.77	II
CAN190153	AJ100019	4	146	C	0.3	0.33	0.01	0.19	33.9	0	52.7	0	0.39	10.5	0	98.05	II
CAN190153	AJ100019	4	147	C	0.3	0.39	0	0.37	29.3	0.01	55.6	0.01	0.57	13	0	99.21	II
CAN190153	AJ100019	4	148	C	0.3	0.27	0	0.58	29.2	0	53.4	0.05	2.56	12.4	0	98.4	II
CAN190153	AJ100019	4	149	C	0.3	0.32	0	0.32	31	0.02	54.6	0.03	0.45	12	0	98.71	II
CAN190153	AJ100019	4	150	C	0.3	0.3	0	0.14	37.7	0	50.9	0.02	0.3	8.79	0	98.14	II
CAN190153	AJ100019	4	151	C	0.3	0.31	0	0.39	28.1	0.02	56.2	0.03	0.7	13.5	0	99.28	II
CAN190153	AJ100019	4	152	C	0.3	0.44	0	0.54	28.7	0.01	54.2	0.03	0.58	13.8	0	98.22	II
CAN190153	AJ100019	4	153	C	0.3	1.48	0	0	46.8	0	50.3	0	0.03	0.04	0	98.64	II
CAN190153	AJ100019	4	154	C	0.3	0.25	0	0.43	26.6	0	56.2	0.05	1.01	14.2	0	98.78	II
CAN190153	AJ100019	4	155	C	0.3	0.29	0	0.25	31.7	0.02	53.1	0.01	1.33	11.4	0	98.04	II
CAN190153	AJ100019	4	156	C	0.3	0.31	0.03	0.29	29.3	0.01	54.9	0.01	0.42	12.5	0	97.79	II
CAN190153	AJ100019	4	157	C	0.3	0.37	0	0.74	26.3	0.03	56.2	0.06	1.19	14.4	0.1	99.46	II
CAN190153	AJ100019	4	158	C	0.3	0.27	0	13.76	16.5	0.04	0.24	0	54.97	13	0.1	98.86	Sp
CAN190153	AJ100019	4	159	C	0.3	0.27	0	13.76	14.7	0	0.22	0.02	57.35	12.8	0.1	99.22	Sp
CAN190153	AJ100019	4	160	C	0.3	0.37	0	11.51	25.9	0.02	1.26	0	50.71	7.8	0.1	97.64	Sp
CAN190153	AJ100019	4	161	C	0.3	0.21	0.05	8.13	15.7	0.1	0.2	0.02	60.86	13.7	0.1	99.03	Sp
CAN190153	AJ100019	4	162	C	0.3	0.33	0	12.95	21.4	0.06	0.5	0	52.43	10.8	0.1	98.63	Sp
CAN190153	AJ100019	4	163	C	0.3	0.47	0	13.86	29.7	0.02	0.48	0	47.6	5.63	0.2	97.9	Sp
CAN190153	AJ100019	4	164	C	0.3	0.28	0	13.79	16.7	0.16	0.26	0.03	54.8	12.8	0.1	98.86	Sp
CAN190153	AJ100019	4	165	C	0.3	0.34	0	12.56	23.6	0.1	0.71	0	51.55	9.55	0.2	98.55	Sp
CAN190153	AJ100319	4	166	C	0.3	0.49	0	21.54	8.39	41.5	0.12	4.9	3.04	19.8	0	99.8	Ga
CAN190153	AJ100319	4	167	C	0.3	0.3	0.06	21.06	7.49	41.9	0.74	5.12	2.19	21.1	0	99.99	Ga
CAN190153	AJ100319	4	168	C	0.3	0.3	0.01	20.15	6.91	41.7	0.63	5.05	4.18	20.9	0	99.92	Ga
CAN190153	AJ100319	4	169	C	0.3	0.3	0.03	19.12	6.49	41.7	0.79	5.75	4.64	20.9	0	99.8	Ga
CAN190153	AJ100319	4	170	C	0.3	0.27	0.05	20.35	7.03	41.7	0.45	5.06	4.04	21	0	99.95	Ga
CAN190153	AJ100319	4	171	C	0.3	0.52	0.04	21.46	7.78	42	0.09	4.8	3.15	20.6	0	100.4	Ga
CAN190153	AJ100319	4	172	C	0.3	0.37	0.05	21.85	7.87	41.8	0.53	4.4	2.17	20.8	0	99.81	Ga
CAN190153	AJ100319	4	173	C	0.3	0.26	0	0.52	29.7	0.02	53.8	0.01	1.89	12.8	0.1	99.02	II
CAN190153	AJ100319	4	174	C	0.3	0.27	0.06	0.56	26.1	0.05	55.6	0.02	1.76	14.4	0.1	98.91	II
CAN190153	AJ100319	4	175	C	0.3	0.32	0	0.22	33.2	0.01	53.4	0.03	0.51	10.9	0	98.61	II

CAN190153 and CAN190156\_Samples From Paul Centis Claims  
Microprobe Analysis Report

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190153	AJ100319	4	176	C	0.3	0.41	0.06	0.6	27.7	0	54.9	0.05	0.96	13.9	0	98.55	II
CAN190153	AJ100319	4	177	C	0.3	0.49	0.07	0.45	25.9	0	55.8	0.06	1.35	14.8	0	98.96	II
CAN190153	AJ100319	4	178	C	0.3	0.31	0.01	0.2	31.3	0	54.1	0.04	0.29	11.7	0	97.95	II
CAN190153	AJ100319	4	179	C	0.3	0.31	0.1	0.29	29.8	0.03	55.2	0	0.59	12.7	0	99	II
CAN190153	AJ100319	4	180	C	0.3	0.56	0	0.09	43.3	0	51.9	0	0.02	2.93	0.1	98.87	II
CAN190153	AJ100319	4	181	C	0.3	0.1	1.51	2.1	3.1	54.4	0.32	18.6	1.11	18.2	0	99.43	Cd
CAN190153	AJ100319	4	182	C	0.3	0.32	0	15.5	22.9	0.06	0.35	0	49.48	9.9	0.1	98.67	Sp
CAN190153	AJ100519	4	183	C	0.3	0.28	0.03	18.25	6.46	41.3	0.87	6.07	6.05	20.6	0	99.9	Ga
CAN190153	AJ100519	4	184	C	0.3	0.31	0.07	20.95	7	41.8	0.6	4.99	3.19	21.4	0	100.3	Ga
CAN190153	AJ100519	4	185	C	0.3	0.45	0.1	22.35	11.1	41.4	0.78	4.77	0.15	18.8	0.1	99.9	Ga
CAN190153	AJ100519	4	186	C	0.3	0.33	0.01	18.48	6.64	41.5	0.33	6.04	6.68	20.4	0	100.4	Ga
CAN190153	AJ100519	4	187	C	0.3	0.27	0	17.46	6.03	41.4	0.79	6.29	7.14	20.6	0	99.95	Ga
CAN190153	AJ100519	4	188	C	0.3	0.45	0.03	20.51	7.87	41.2	0.31	5.54	4.52	19.7	0	100.1	Ga
CAN190153	AJ100519	4	189	C	0.3	0.29	0.07	20.51	7.72	41.6	0.7	4.85	3.24	20.8	0	99.81	Ga
CAN190153	AJ100519	4	190	C	0.3	0.36	0.01	18.27	6.56	40.7	0.58	5.68	6.63	20.4	0	99.23	Ga
CAN190153	AJ100519	4	191	C	0.3	0.43	0.04	19.16	7.03	41.2	0.08	5.65	6.53	19.6	0	99.69	Ga
CAN190153	AJ100519	4	192	C	0.3	0.52	0.01	18.84	7.97	40.8	0.13	6.28	6.53	18.8	0	99.94	Ga
CAN190153	AJ100519	4	193	C	0.3	0.37	0.01	22.73	6.53	42.3	0.02	3.37	2.21	22.5	0	100.1	Ga
CAN190153	AJ100519	4	194	C	0.3	0.27	0.06	21.66	6.62	42.2	0.45	4.89	2.53	21.5	0	100.3	Ga
CAN190153	AJ100519	4	195	C	0.3	0.34	0.02	0.29	36.8	0	49.9	0.03	2.23	8.74	0	98.38	II
CAN190153	AJ100519	4	196	C	0.3	0.33	0	0.28	30.6	0	53.3	0.04	0.41	12.6	0	97.58	II
CAN190153	AJ100519	5	1	C	0.3	0.32	0.01	0.25	32.8	0	54.9	0.01	0.33	11.2	0	99.94	II
CAN190153	AJ100519	5	2	C	0.3	0.39	0.05	0.57	29.1	0	55	0.02	0.43	14	0	99.63	II
CAN190153	AJ100519	5	3	C	0.3	0.3	0	0.27	32.7	0.01	53.7	0	0.59	11.7	0	99.33	II
CAN190153	AJ100519	5	4	C	0.3	0.31	0	0.56	27.7	0	54.5	0	2.88	13.8	0	99.77	II
CAN190153	AJ100519	5	5	C	0.3	0.32	0.05	0.47	29.8	0.02	54.9	0.02	1.16	12.8	0	99.65	II
CAN190153	AJ100519	5	6	C	0.3	0.29	0	0.4	32.2	0	53.6	0.02	0.82	11.4	0.1	98.75	II
CAN190153	AJ100519	5	7	C	0.3	0.31	0	0.33	28.4	0	55.8	0.03	0.86	14	0.1	99.72	II
CAN190153	AJ100519	5	8	C	0.3	0.49	0	0.13	33.4	0	52.8	0.01	0.37	11.8	0	98.98	II
CAN190153	AJ100519	5	9	C	0.3	0.34	0	0.25	33.7	0.02	53	0.02	0.34	11.2	0	98.88	II
CAN190153	AJ100519	5	10	C	0.3	0.29	0	0.15	42.5	0.01	47.6	0.03	0.83	6.78	0	98.2	II
CAN190153	AJ100519	5	11	C	0.3	0.26	0.04	0.49	29	0	55	0.03	0.61	13.3	0	98.76	II
CAN190153	AJ100519	5	12	C	0.3	0.25	0	0.56	34.5	0.03	53	0.02	0.11	10.4	0	98.95	II

CAN190153 and CAN190156\_Samples From Paul Centis Claims  
Microprobe Analysis Report

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190153	AJ100519	5	13	C	0.3	0.3	0	0.32	31.9	0	54.3	0.01	0.88	11.8	0	99.44	II
CAN190153	AJ100519	5	14	C	0.3	0.43	0.01	0.29	32.9	0	51.9	0.07	1.46	12.1	0	99.11	II
CAN190153	AJ100519	5	15	C	0.3	0.27	0	0.24	33.9	0.03	53.1	0.03	0.53	11.1	0	99.12	II
CAN190153	AJ100519	5	16	C	0.3	0.32	0	0.41	32.2	0	50.7	0.04	2.91	12	0.1	98.63	II
CAN190153	AJ100519	5	17	C	0.3	0.28	0.05	0.24	31.3	0.01	55	0.02	0.32	12.2	0	99.4	II
CAN190153	AJ100519	5	18	C	0.3	0.34	0	0.27	33.2	0	53.5	0.04	0.37	11.2	0	98.91	II
CAN190153	AJ100519	5	19	C	0.3	0.4	0	0.52	27.9	0.01	55.4	0.07	0.62	14.2	0	99.07	II
CAN190153	AJ100519	5	20	C	0.3	0.47	0	0.47	29.5	0	54.5	0.01	0.68	13.4	0	99.03	II
CAN190153	AJ100519	5	21	C	0.3	0.38	0	0.74	26.7	0.01	55.4	0	1.68	14.3	0.1	99.22	II
CAN190153	AJ100519	5	22	C	0.3	0.29	0.01	0.23	38.8	0.01	50	0	1.44	8.23	0	98.99	II
CAN190153	AJ100519	5	23	C	0.3	0.37	0	0.23	30	0.02	54.8	0.06	0.31	13.3	0	99.11	II
CAN190153	AJ100519	5	24	C	0.3	0.31	0.02	0.26	33.9	0	52.4	0.03	0.73	11.4	0	99	II
CAN190153	AJ100519	5	25	C	0.3	0.33	0	0.23	36.2	0.02	53	0.03	0.33	9.72	0	99.86	II
CAN190153	AJ100519	5	26	C	0.3	0.3	0.04	0.21	35.7	0	52.4	0	0.53	9.89	0	99.09	II
CAN190153	AJ100519	5	27	C	0.3	0.31	0.05	0.5	28.3	0	55.8	0	0.65	13.8	0.1	99.5	II
CAN190153	AJ100519	5	28	C	0.3	0.29	0	0.24	33.7	0.03	53.2	0.02	0.48	11.4	0	99.37	II
CAN190153	AJ100519	5	29	C	0.3	0.28	0.03	0.46	28.9	0.02	55.5	0	1.02	13.6	0	99.87	II
CAN190153	AJ100519	5	30	C	0.3	0.27	0.01	0.31	29.6	0.01	55.6	0	0.61	12.9	0	99.3	II
CAN190153	AJ100519	5	31	C	0.3	0.3	0	0.19	36.5	0.01	51.2	0	1.19	9.89	0.1	99.34	II
CAN190153	AJ100519	5	32	C	0.3	0.31	0	0.19	35.8	0.01	52.1	0	0.36	9.97	0	98.76	II
CAN190153	AJ100519	5	33	C	0.3	0.29	0	0.29	31.7	0	54.8	0	0.52	12.1	0	99.67	II
CAN190153	AJ100519	5	34	C	0.3	0.26	0	0.48	29.3	0.01	54.8	0	1.24	12.9	0	99	II
CAN190153	AJ100519	5	35	C	0.3	0.32	0	0.45	27.7	0.03	56.4	0.04	0.94	14.1	0	99.96	II
CAN190153	AJ100519	5	36	C	0.3	0.3	0	0.25	37.6	0	49.8	0.02	1.71	8.69	0	98.4	II
CAN190153	AJ100519	5	37	C	0.3	0.24	0	0.75	28.8	0	54.8	0	0.81	13.7	0	99.13	II
CAN190153	AJ100519	5	38	C	0.3	0.35	0	0.09	36.8	0.01	49.8	0.02	2.5	9.08	0	98.62	II
CAN190153	AJ100519	5	39	C	0.3	0.35	0	0.69	27.6	0	57	0.03	0.33	14.3	0	100.4	II
CAN190153	AJ100519	5	40	C	0.3	0.3	0.01	0.41	31.9	0	54	0.04	0.71	11.7	0	99.06	II
CAN190153	AJ100519	5	41	C	0.3	0.28	0	0.31	30.9	0	54.9	0	0.57	12.2	0	99.23	II
CAN190153	AJ100519	5	42	C	0.3	0.24	0	0.42	29.5	0.04	54.6	0	1.16	13	0	98.85	II
CAN190153	AJ100519	5	43	C	0.3	0.31	0.02	0.46	27.3	0	56.5	0.01	1.17	14.2	0	99.99	II
CAN190153	AJ100519	5	44	C	0.3	0.09	2.43	0.71	2.47	54.2	0.11	20.1	3.88	15.4	0	99.41	Cd
CAN190153	AJ100519	5	45	C	0.3	0.63	0.01	9.97	37.3	0.01	4.61	0.01	38.39	6.17	0.2	97.23	Sp

CAN190153 and CAN190156\_Samples From Paul Centis Claims  
Microprobe Analysis Report

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190153	AJ100519	5	46	C	0.3	0.35	0.02	13.75	25.2	0.01	2.17	0	46.29	10.8	0.1	98.68	Sp
CAN190153	AJ100519	5	47	C	0.3	0.33	0.03	11.61	27.8	0.03	3.08	0	46.35	9.76	0.1	99.1	Sp
CAN190153	AJ100519	5	48	C	0.3	0.64	0	12.5	22.5	0.16	0.28	0	53.95	8.75	0.1	98.8	Sp
CAN190153	AJ100519	5	49	C	0.3	1.71	0	0.16	49	0	48.4	0.02	0.1	0.04	0.1	99.51	Sp
CAN190153	AJ100519	5	50	C	0.3	0.23	0	12.71	22.2	0.04	0.72	0	51.19	11.4	0.1	98.66	Sp
CAN190153	AJ100519	5	51	C	0.3	0.31	0.03	12.33	17.3	0.02	0.57	0	56.43	12.1	0.1	99.25	Sp
CAN190153	AJ100519	5	52	C	0.3	1.52	0	11.42	35.1	0	0.23	0	46.17	1.86	1.7	97.93	Sp
CAN190153	AJ100519	5	53	C	0.3	0.27	0	20.44	14.8	0.03	0.03	0.02	50.84	12.7	0.3	99.44	Sp
CAN190153	AJ100619	5	54	C	0.3	0.45	0	20.42	7.79	41.6	0.04	5.63	4.71	19.6	0	100.2	Ga
CAN190153	AJ100619	5	55	C	0.3	0.29	0.08	21.15	7.88	41.5	0.82	5.06	2.05	20.9	0	99.76	Ga
CAN190153	AJ100619	5	56	C	0.3	0.5	0.09	20.76	8.28	41.8	0.19	4.3	4.32	20.4	0	100.7	Ga
CAN190153	AJ100619	5	57	C	0.3	0.29	0	21.27	7.89	42	0.69	5.04	1.99	21.1	0	100.4	Ga
CAN190153	AJ100619	5	58	C	0.3	0.46	0	21.15	8.11	41.6	0.03	5.47	3.66	20.2	0	100.6	Ga
CAN190153	AJ100619	5	59	C	0.3	0.25	0.06	21.1	7.42	42	0.79	5.24	2.27	21.2	0	100.4	Ga
CAN190153	AJ100619	5	60	C	0.3	0.37	0.09	20.38	8.07	41.5	1.02	5.57	3.13	20.6	0	100.7	Ga
CAN190153	AJ100619	5	61	C	0.3	0.43	0.01	19.65	7.89	41.3	0.13	6.16	5.31	19.4	0	100.3	Ga
CAN190153	AJ100619	5	62	C	0.3	0.49	0.07	20.28	7.93	41.3	0.3	5.43	4.62	19.6	0	100	Ga
CAN190153	AJ100619	5	63	C	0.3	0.32	0.05	20.37	6.48	41.9	0.36	5.22	4.22	21.3	0	100.2	Ga
CAN190153	AJ100619	5	64	C	0.3	0.3	0.03	20.19	8.24	41.3	1.06	5.29	3.18	20.5	0	100.1	Ga
CAN190153	AJ100619	5	65	C	0.3	0.3	0.05	21.35	6.78	42	0.23	4.73	3.2	21.5	0	100.2	Ga
CAN190153	AJ100619	5	66	C	0.3	1.58	0	21.54	36.7	36.7	0.01	0.64	0.02	3.02	0	100.2	Ga
CAN190153	AJ100619	5	67	C	0.3	0.31	0.03	21.55	7.15	42.2	0.31	4.69	2.88	21.7	0	100.8	Ga
CAN190153	AJ100619	5	68	C	0.3	0.41	0.04	20.68	7.96	41.7	0.24	5.4	4.19	19.8	0	100.5	Ga
CAN190153	AJ100619	5	69	C	0.3	0.28	0.07	19.15	8.56	41.4	0.86	5.13	4.99	19.8	0	100.3	Ga
CAN190153	AJ100619	5	70	C	0.3	0.28	0.02	19.85	6.84	41.6	0.88	5.46	3.85	21	0	99.87	Ga
CAN190153	AJ100619	5	71	C	0.3	0.32	0.03	18.12	7.55	41	1	5.95	6.39	20	0	100.4	Ga
CAN190153	AJ100619	5	72	C	0.3	2.53	0	21.34	35.4	36.7	0.04	0.78	0.04	3.24	0	100.1	Ga
CAN190153	AJ100619	5	73	C	0.3	0.37	0.04	22.75	9.35	41.6	0.69	4.68	0.5	20.2	0	100.3	Ga
CAN190153	AJ100619	5	74	C	0.3	0.29	0.06	17.63	6.72	40.9	0.94	6.14	6.52	20.5	0	99.69	Ga
CAN190153	AJ100619	5	75	C	0.3	0.46	0.09	20.36	8.04	41.6	0.27	5.6	4.87	19.7	0	100.9	Ga
CAN190153	AJ100619	5	76	C	0.3	0.42	0.04	21.6	8.68	41.4	0.24	4.91	2.72	20.1	0	100.1	Ga
CAN190153	AJ100619	5	77	C	0.3	0.29	0	20.97	6.88	42	0.38	5.18	3.39	21.3	0	100.4	Ga
CAN190153	AJ100619	5	78	C	0.3	0.29	0.05	21.42	7.01	41.9	0.3	4.89	2.72	21.7	0	100.2	Ga

CAN190153 and CAN190156\_Samples From Paul Centis Claims  
Microprobe Analysis Report

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190153	AJ100619	5	79	C	0.3	0.49	0.06	22.4	12.5	41.1	0.29	4.63	0.98	17.8	0	100.3	Ga
CAN190153	AJ100619	5	80	C	0.3	0.43	0.11	22.42	11.1	41.6	0.78	4.36	0.16	19.5	0	100.4	Ga
CAN190153	AJ100619	5	81	C	0.3	0.41	0	22.08	8.64	41.9	0.16	4.83	2.44	20.2	0	100.6	Ga
CAN190153	AJ100619	5	82	C	0.3	0.44	0.09	23.11	11.4	41.4	0.46	4	0.08	19.1	0	100.2	Ga
CAN190153	AJ100619	5	83	C	0.3	0.29	0	0.11	40.5	0	49.3	0.03	0.74	8.07	0	99	II
CAN190153	AJ100619	5	84	C	0.3	0.23	0	0.29	36	0	51	0.01	1.49	9.91	0	98.9	II
CAN190153	AJ100619	5	85	C	0.3	0.31	0	0.37	29.4	0	55.1	0.05	0.52	13.3	0	99.03	II
CAN190153	AJ100619	5	86	C	0.3	0.32	0	0.32	31.6	0.01	54.6	0.02	0.43	11.9	0	99.2	II
CAN190153	AJ100619	5	87	C	0.3	0.49	0.02	0.68	28	0.01	55.7	0.05	0.52	14.3	0	99.85	II
CAN190153	AJ100619	5	88	C	0.3	0.25	0	0.46	29.7	0	55.6	0	0.49	13.2	0	99.67	II
CAN190153	AJ100619	5	89	C	0.3	0.36	0.02	0.32	31.2	0.02	54.6	0	0.63	12.8	0.1	99.95	II
CAN190153	AJ100619	5	90	C	0.3	0.37	0	0.69	29.1	0	55.1	0.01	0.34	13.6	0	99.19	II
CAN190153	AJ100619	5	91	C	0.3	0.31	0	0.59	30.1	0	55.3	0.01	0.45	13	0	99.75	II
CAN190153	AJ100619	5	92	C	0.3	0.35	0.01	0.22	36.5	0.02	50.4	0.01	0.75	10.4	0.1	98.67	II
CAN190153	AJ100619	5	93	C	0.3	0.28	0	0.46	31.3	0.02	54.5	0.01	0.81	12.3	0	99.66	II
CAN190153	AJ100619	5	94	C	0.3	0.31	0	0.16	34.2	0	53.1	0.01	0.64	10.5	0	98.89	II
CAN190153	AJ100619	5	95	C	0.3	0.31	0.03	0.32	30.3	0	56.1	0.03	0.63	12.9	0	100.5	II
CAN190153	AJ100619	5	96	C	0.3	0.36	0	0.08	38.8	0	48.5	0	2.53	7.97	0	98.23	II
CAN190153	AJ100619	5	97	C	0.3	0.33	0.04	1.22	28.4	0.02	54	0.01	1.45	13.4	0	98.92	II
CAN190153	AJ100619	5	98	C	0.3	0.29	0.03	0.19	34	0	53.6	0.01	0.3	10.8	0	99.3	II
CAN190153	AJ100619	5	99	C	0.3	0.28	0	0.28	31.2	0.06	55	0	0.68	12	0	99.53	II
CAN190153	AJ100619	5	100	C	0.3	0.25	0	0.53	28.9	0	55.4	0	1.02	13.1	0	99.17	II
CAN190153	AJ100619	5	101	C	0.3	0.28	0.02	0.23	33.8	0.03	51.9	0.03	1.53	11.5	0	99.27	II
CAN190153	AJ100619	5	102	C	0.3	0.28	0.01	0.52	27.3	0.03	55.2	0.02	2.07	13.9	0.1	99.43	II
CAN190153	AJ100619	5	103	C	0.3	0.26	0	0.53	27.9	0	55.1	0.04	2.3	13.6	0	99.76	II
CAN190153	AJ100619	5	104	C	0.3	0.31	0.02	0.22	35.3	0	52.2	0.02	0.34	10.2	0.1	98.55	II
CAN190153	AJ100619	5	105	C	0.3	0.34	0	0.17	35.3	0	53.2	0.03	0.32	10.2	0	99.53	II
CAN190153	AJ100619	5	106	C	0.3	0.31	0	0.17	42.9	0	47.1	0	1.01	6.61	0.1	98.13	II
CAN190153	AJ100619	5	107	C	0.3	0.32	0	0.5	26.8	0.02	56.5	0	1.51	14.3	0	99.84	II
CAN190153	AJ100619	5	108	C	0.3	0.27	0	0.53	28.5	0	54.9	0.01	1.68	13.3	0	99.22	II
CAN190153	AJ100619	5	109	C	0.3	0.37	0.03	0.31	31.3	0.02	54.4	0	0.48	12.2	0.1	99.17	II
CAN190153	AJ100619	5	110	C	0.3	0.36	0	0.51	27	0	55.5	0.02	1.44	14.4	0	99.2	II
CAN190153	AJ100619	5	111	C	0.3	0.47	0	0.5	31	0.01	55	0	0.47	12.2	0	99.67	II

CAN190153 and CAN190156\_Samples From Paul Centis Claims  
Microprobe Analysis Report

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190153	AJ100619	5	112	C	0.3	0.28	0.02	0.28	30.8	0.01	55.2	0	0.36	12.4	0	99.4	II
CAN190153	AJ100619	5	113	C	0.3	0.35	0	0.11	38.5	0	50	0	0.84	8.68	0	98.47	II
CAN190153	AJ100619	5	114	C	0.3	0.27	0.03	0.45	30.3	0	54.6	0.02	1.36	12.7	0	99.81	II
CAN190153	AJ100619	5	115	C	0.3	0.33	0	0.17	36.6	0	51	0.04	0.37	10.1	0	98.52	II
CAN190153	AJ100619	5	116	C	0.3	0.31	0	0.3	29.4	0	55.7	0	0.62	13.2	0	99.53	II
CAN190153	AJ100619	5	117	C	0.3	0.37	0	0.11	34.3	0	50.6	0.01	3.02	10.2	0	98.56	II
CAN190153	AJ100619	5	118	C	0.3	0.31	0	0.36	31.9	0.01	54.1	0.04	0.83	12	0	99.62	II
CAN190153	AJ100619	5	119	C	0.3	0.28	0	0.24	35.5	0	49.8	0	2.57	9.6	0	98.02	II
CAN190153	AJ100619	5	120	C	0.3	0.31	0.02	0.44	28.2	0	54.6	0.04	2.15	13.5	0.1	99.25	II
CAN190153	AJ100619	5	121	C	0.3	0.32	0	1.09	27.3	0.02	54	0.05	1.17	14.6	0.1	98.61	II
CAN190153	AJ100619	5	122	C	0.3	0.24	0	0.13	44.6	0	43	0	3.46	5.78	0	97.29	II
CAN190153	AJ100619	5	123	C	0.3	0.35	0.04	0.18	34	0.01	54.1	0	0.27	10.8	0	99.73	II
CAN190153	AJ100619	5	124	C	0.3	0.28	0.01	0.44	27.1	0.01	56.1	0.03	1.03	14.3	0.1	99.25	II
CAN190153	AJ100619	5	125	C	0.3	0.32	0	0.25	30.8	0.02	55.8	0.03	0.4	12.5	0	100.1	II
CAN190153	AJ100619	5	126	C	0.3	0.4	0.02	0.41	28.1	0.01	56.2	0.07	0.88	14.3	0	100.3	II
CAN190153	AJ100619	5	127	C	0.3	0.27	0.06	0.32	30.2	0.01	55.1	0.02	0.42	12.6	0	99.01	II
CAN190153	AJ100619	5	128	C	0.3	0.31	0.03	0.35	31.6	0	54	0.01	0.54	12	0	98.79	II
CAN190153	AJ100619	5	129	C	0.3	0.32	0	0.19	38.5	0	50.6	0.01	1.2	8.45	0.1	99.33	II
CAN190153	AJ100619	5	130	C	0.3	0.27	0.05	0.27	32	0.06	54.5	0.02	0.35	11.8	0	99.29	II
CAN190153	AJ100619	5	131	C	0.3	0.32	0	0.23	35	0.03	52.8	0	0.31	10.4	0	99	II
CAN190153	AJ100619	5	132	C	0.3	0.43	0	0.72	29.6	0.02	55	0.02	0.22	13.4	0.1	99.38	II
CAN190153	AJ100619	5	133	C	0.3	0.29	0.02	0.14	39.4	0	50.1	0.01	1.08	7.85	0	98.93	II
CAN190153	AJ100619	5	134	C	0.3	0.28	0.03	0.43	27.4	0	55.9	0.03	1.1	13.9	0	99.12	II
CAN190153	AJ100619	5	135	C	0.3	0.28	0	0.23	38.8	0.05	49.6	0	1.48	8.18	0	98.62	II
CAN190153	AJ100619	5	136	C	0.3	0.29	0	0.2	34.4	0	52.7	0.02	0.45	10.8	0	98.91	II
CAN190153	AJ100619	5	137	C	0.3	0.32	0	0.23	32.1	0	54.1	0	0.24	12.4	0	99.42	II
CAN190153	AJ100619	5	138	C	0.3	0.32	0	0.13	39.7	0	47.2	0	2.78	8	0	98.04	II
CAN190153	AJ100619	5	139	C	0.3	0.28	0.04	0.52	32.1	0	53.9	0	0.6	12.1	0	99.6	II
CAN190153	AJ100619	5	140	C	0.3	0.26	0	0.3	32.5	0	54.3	0.04	0.7	11.8	0	99.87	II
CAN190153	AJ100619	5	141	C	0.3	0.26	0.02	0.06	52.5	0	45	0.01	0.04	0.86	0	98.79	II
CAN190153	AJ100619	5	142	C	0.3	0.31	0	0.28	30.8	0.01	55.2	0.01	0.52	12.3	0	99.4	II
CAN190153	AJ100619	5	143	C	0.3	0.3	0.02	0.34	30.1	0.01	55.1	0	0.67	13	0	99.57	II
CAN190153	AJ100619	5	144	C	0.3	0.29	0	0.41	28	0.01	56.7	0.01	0.58	14.1	0	100.1	II

CAN190153 and CAN190156\_Samples From Paul Centis Claims  
Microprobe Analysis Report

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190153	AJ100619	5	145	C	0.3	0.26	0.06	0.4	27.6	0.06	56.3	0.01	1.07	14.2	0	99.99	II
CAN190153	AJ100619	5	146	C	0.3	0.31	0.11	0.24	32.3	0	54.3	0.13	0.31	11.7	0	99.44	II
CAN190153	AJ100619	5	147	C	0.3	0.26	0.01	0.43	30.3	0.02	54.6	0	1.36	12.5	0	99.4	II
CAN190153	AJ100619	5	148	C	0.3	0.09	1.63	2.27	3.44	54.4	0.35	18.8	0.85	17.9	0	99.76	Cd
CAN190153	AJ100619	5	149	C	0.3	0.1	1.09	0.51	2.91	54.2	0.18	23.1	1	16.6	0	99.66	Cd
CAN190153	AJ100619	5	150	C	0.3	0.29	0	9.98	19.6	0.01	0.68	0	56.59	11.9	0.2	99.19	Sp
CAN190153	AJ100619	5	151	C	0.3	0.29	0.03	14.09	20.7	0.11	0.33	0	52.41	10.9	0.1	98.85	Sp
CAN190153	AJ100619	5	152	C	0.3	0.28	0	12.17	16.6	0.03	0.1	0.02	58.16	11.9	0.2	99.46	Sp
CAN190153	AJ100619	5	153	C	0.3	0.55	0	14.83	27.8	0.03	0.61	0	49.29	5.23	0.4	98.72	Sp
CAN190153	AJ100619	5	154	C	0.3	0.31	0	18.59	23.7	0.1	0.5	0.03	42.54	12.1	0.1	98	Sp
CAN190153	AJ100619	5	155	C	0.3	0.32	0.03	12.07	27.3	0.06	2.71	0.01	45.36	9.52	0.1	97.54	Sp
CAN190153	AJ100619	5	156	C	0.3	0.31	0	18.13	15.9	0	0.21	0	51.02	13.6	0.1	99.28	Sp
CAN190153	AJ100619	5	157	C	0.3	0.32	0	4.12	16	0.02	0.07	0	66.68	12.2	0.1	99.52	Sp
CAN190153	AJ100819	5	158	C	0.3	0.41	0.03	20.54	7.75	41.5	0.4	4.97	4.01	20.4	0	100	Ga
CAN190153	AJ100819	5	159	C	0.3	0.34	0.01	17.84	6.24	41.2	0.19	5.66	7.93	20.7	0	100.2	Ga
CAN190153	AJ100819	5	160	C	0.3	0.28	0.01	19.75	7.53	41.3	0.28	5.56	5.15	20.1	0	99.96	Ga
CAN190153	AJ100819	5	161	C	0.3	0.49	0.01	21.23	7.07	41.7	0.01	4.28	4.31	21.3	0	100.4	Ga
CAN190153	AJ100819	5	162	C	0.3	0.39	0.08	20.12	7.3	41.5	0.53	4.77	4.57	20.9	0	100.2	Ga
CAN190153	AJ100819	5	163	C	0.3	0.25	0.07	21.49	7.4	42	0.71	5.11	2.02	21.4	0	100.4	Ga
CAN190153	AJ100819	5	164	C	0.3	0.34	0.02	21.81	8.23	42	0.48	4.88	2.12	20.8	0	100.7	Ga
CAN190153	AJ100819	5	165	C	0.3	0.42	0.07	22.79	10.5	41.7	0.68	4.35	0.22	19.7	0	100.5	Ga
CAN190153	AJ100819	5	166	C	0.3	0.4	0	18.86	6.98	41.1	0.05	5.85	7.24	19.7	0	100.2	Ga
CAN190153	AJ100819	5	167	C	0.3	0.28	0.02	17.48	6.36	41.2	0.49	6.47	7.59	20.2	0	100	Ga
CAN190153	AJ100819	5	168	C	0.3	0.29	0	0.35	28.8	0	55.7	0	0.92	13.5	0	99.51	II
CAN190153	AJ100819	5	169	C	0.3	0.32	0	0.41	29.1	0	55.7	0.01	0.56	14	0	100.1	II
CAN190153	AJ100819	5	170	C	0.3	0.28	0.05	0.5	29.6	0.01	53.8	0.02	2.69	12.4	0	99.38	II
CAN190153	AJ100819	5	171	C	0.3	0.32	0	0.5	28.3	0.02	55.4	0.13	0.92	14	0	99.63	II
CAN190153	AJ100819	5	172	C	0.3	0.28	0.02	0.39	29.4	0.03	55	0.02	0.98	12.8	0	99.02	II
CAN190153	AJ100819	5	173	C	0.3	0.28	0.02	0.46	28.7	0	54.9	0.01	1.92	13.2	0	99.51	II
CAN190153	AJ100819	5	174	C	0.3	0.28	0	0.34	31.8	0.01	54.7	0.02	0.58	12	0	99.74	II
CAN190153	AJ100819	5	175	C	0.3	0.36	0.04	0.24	34.9	0	53.2	0	0.42	10.5	0	99.62	II
CAN190153	AJ100819	5	176	C	0.3	0.41	0	0.31	26.1	0.02	55.8	0.05	2.62	14.2	0	99.57	II
CAN190153	AJ100819	5	177	C	0.3	0.28	0.02	0.34	31.8	0.01	54.7	0	0.66	12.1	0	99.82	II



CAN190153 and CAN190156\_Samples From Paul Centis Claims  
Microprobe Analysis Report

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190153	AJ100819	5	178	C	0.3	0.31	0	0.26	31.2	0	54.8	0.03	0.4	11.9	0	98.85	II
CAN190153	AJ100819	5	179	C	0.3	0.31	0	0.51	28.3	0.01	55	0.02	1.9	13.8	0	99.84	II
CAN190153	AJ100819	5	180	C	0.3	0.59	0	0.26	31.8	0	54.7	0.02	0.54	11.7	0	99.57	II
CAN190153	AJ100819	5	181	C	0.3	0.3	0	0.4	31.2	0.01	54.8	0	0.76	12.3	0	99.71	II
CAN190153	AJ100819	5	182	C	0.3	0.34	0	0.1	38.7	0.02	49.5	0.02	1.46	8.31	0	98.41	II
CAN190153	AJ100819	5	183	C	0.3	0.32	0	0.25	31.4	0	54.8	0.03	0.29	12.3	0	99.37	II
CAN190153	AJ100819	5	184	C	0.3	0.35	0	0.17	37.7	0	51.2	0	0.33	9.31	0	99.03	II
CAN190153	AJ100819	5	185	C	0.3	0.32	0	0.26	31.7	0	54.4	0	0.48	12.1	0	99.17	II
CAN190153	AJ100819	5	186	C	0.3	0.32	0	0.6	26.7	0	56.2	0.05	1.73	14.2	0	99.83	II
CAN190153	AJ100819	5	187	C	0.3	0.29	0.04	0.29	33.6	0	53.2	0.01	0.54	11.2	0	99.09	II
CAN190153	AJ100819	5	188	C	0.3	0.3	0	0.25	31.6	0.03	54.4	0	0.45	12.3	0	99.35	II
CAN190153	AJ100819	5	189	C	0.3	0.27	0	0.23	37.5	0.01	51.1	0.01	1.16	9.13	0	99.39	II
CAN190153	AJ100819	5	190	C	0.3	0.32	0	0.11	43.6	0.01	46.6	0	0.95	6.22	0	97.82	II
CAN190153	AJ100819	5	191	C	0.3	0.28	0.01	0.19	34.1	0	52.9	0.01	0.38	11.1	0	98.97	II
CAN190153	AJ100819	5	192	C	0.3	0.31	0.08	0.44	26.4	0	56.2	0	1.72	15.2	0.1	100.4	II
CAN190153	AJ100819	5	193	C	0.3	0.28	0.03	0.47	27.9	0.02	56	0.01	1.14	14.1	0	99.91	II
CAN190153	AJ100819	5	194	C	0.3	0.24	0.04	0.48	30.2	0.05	53.5	0.03	3.23	12	0	99.77	II
CAN190153	AJ100819	5	195	C	0.3	0.32	0	0.05	39.7	0.01	47.8	0	2.53	7.92	0	98.39	II
CAN190153	AJ100819	5	196	C	0.3	0.25	0.07	0.48	29	0.02	55.4	0.01	1.17	13.2	0	99.61	II
CAN190153	AJ100819	6	1	C	0.3	0.33	0	0.16	40.6	0	49.2	0.01	0.79	7.54	0	98.68	II
CAN190153	AJ100819	6	2	C	0.3	0.28	0.01	0.3	31.1	0	55	0.02	0.5	12.5	0	99.73	II
CAN190153	AJ100819	6	3	C	0.3	0.36	0.01	0.34	29.9	0.01	55.3	0.02	0.76	13.3	0	100.1	II
CAN190153	AJ100819	6	4	C	0.3	0.24	0.03	0.39	31.3	0.01	54.6	0	0.68	12	0	99.23	II
CAN190153	AJ100819	6	5	C	0.3	0.27	0.01	0.27	30.3	0.03	55.4	0.02	0.44	12.7	0	99.41	II
CAN190153	AJ100819	6	6	C	0.3	0.31	0	0.2	32.7	0	54.5	0.05	0.26	11.1	0	99.15	II
CAN190153	AJ100819	6	7	C	0.3	0.3	0.02	0.31	31.9	0.02	54.7	0.01	0.49	11.9	0.1	99.73	II
CAN190153	AJ100819	6	8	C	0.3	0.3	0	0.44	29.4	0.02	55.2	0.03	1.05	13.1	0	99.47	II
CAN190153	AJ100819	6	9	C	0.3	0.35	0.04	0.17	39.7	0	50.1	0.03	1.01	7.95	0	99.46	II
CAN190153	AJ100819	6	10	C	0.3	0.28	0.01	0.48	27.7	0.02	56.3	0	0.96	14.1	0	99.88	II
CAN190153	AJ100819	6	11	C	0.3	0.3	0	0.44	26.2	0	56.4	0.02	0.68	14.9	0	98.93	II
CAN190153	AJ100819	6	12	C	0.3	0.51	0	13.23	30	0.02	1.93	0.01	47.49	5.82	0.3	99.36	Sp
CAN190153	AJ100819	6	13	C	0.3	0.47	0.02	12.48	30.7	0.05	0.84	0.02	48.54	5.48	0.3	98.83	Sp
CAN190153	AJ100819	6	14	C	0.3	1.18	0	14.89	24.1	0.06	0.19	0	51.74	6.21	0.9	99.3	Sp

CAN190153 and CAN190156\_Samples From Paul Centis Claims  
Microprobe Analysis Report

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190153	AJ100819	6	15	C	0.3	0.89	0.04	9.6	34.4	0.02	1.54	0	48.25	3.37	0.4	98.56	Sp
CAN190153	AJ100819	6	16	C	0.3	0.4	0	12.37	26.9	0.05	2.13	0	47.45	8.4	0.1	97.8	Sp
CAN190153	AJ100919	6	17	C	0.3	0.28	0.04	21.45	6.94	42.1	0.38	4.89	2.76	21.3	0	100.1	Ga
CAN190153	AJ100919	6	18	C	0.3	0.47	0.02	19.82	7.3	41.6	0.07	4.71	5.64	20.6	0	100.2	Ga
CAN190153	AJ100919	6	19	C	0.3	0.31	0.05	19.49	7.3	41.3	0.73	5.05	4.93	20.9	0	100.1	Ga
CAN190153	AJ100919	6	20	C	0.3	0.45	0	22.79	10.1	41.7	0.07	5.12	1.28	19.2	0	100.6	Ga
CAN190153	AJ100919	6	21	C	0.3	0.5	0.06	18.32	7.62	41	0.37	6.01	7.07	19.2	0	100.2	Ga
CAN190153	AJ100919	6	22	C	0.3	0.54	0.03	19.98	10.2	40.7	0.22	5.76	4.79	18.1	0	100.3	Ga
CAN190153	AJ100919	6	23	C	0.3	0.56	0	20.26	8.24	41.5	0.02	3.59	5.31	20.9	0	100.3	Ga
CAN190153	AJ100919	6	24	C	0.3	0.38	0.02	20.53	7.98	41.7	0.77	4.55	3.46	21.3	0	100.7	Ga
CAN190153	AJ100919	6	25	C	0.3	0.5	0.06	18.37	7.55	40.7	0.27	5.82	6.98	19.1	0	99.35	Ga
CAN190153	AJ100919	6	26	C	0.3	0.34	0.06	16.79	6.39	40.7	0.6	6.17	8.27	20.1	0	99.4	Ga
CAN190153	AJ100919	6	27	C	0.3	0.3	0.05	20.51	7	41.8	0.55	5.33	3.7	21.1	0	100.4	Ga
CAN190153	AJ100919	6	28	C	0.3	0.45	0.07	22.77	10.9	41.7	0.56	4.34	0.19	19.4	0	100.4	Ga
CAN190153	AJ100919	6	29	C	0.3	0.45	0.05	19.92	8.25	41.3	0.31	5.61	5.12	19.4	0	100.4	Ga
CAN190153	AJ100919	6	30	C	0.3	0.29	0.07	19.65	6.54	41.2	0.58	5.49	5.25	21	0	100.1	Ga
CAN190153	AJ100919	6	31	C	0.3	0.34	0	14.2	6.49	40.2	0.46	6.35	11.99	19.6	0	99.63	Ga
CAN190153	AJ100919	6	32	C	0.3	0.33	0	21.57	8.7	41.7	0.57	5.06	1.56	20.6	0	100	Ga
CAN190153	AJ100919	6	33	C	0.3	0.3	0.02	20.35	6.95	41.7	0.43	5.15	3.92	20.8	0	99.58	Ga
CAN190153	AJ100919	6	34	C	0.3	0.29	0.06	22.46	7.76	42	0.47	4.61	1.36	21.7	0	100.7	Ga
CAN190153	AJ100919	6	35	C	0.3	0.25	0.01	0.25	32.5	0.02	54.1	0.02	0.39	11.7	0	99.32	Il
CAN190153	AJ100919	6	36	C	0.3	0.29	0	0.17	38.8	0.01	49.6	0.02	0.78	8.88	0	98.59	Il
CAN190153	AJ100919	6	37	C	0.3	0.32	0.05	0.23	36.7	0	50.9	0	1.26	9.59	0	99.05	Il
CAN190153	AJ100919	6	38	C	0.3	0.25	0.01	0.44	29.7	0.01	55.1	0	1.23	12.8	0	99.51	Il
CAN190153	AJ100919	6	39	C	0.3	0.29	0	0.77	28.9	0	55.3	0.03	0.71	13	0	99.04	Il
CAN190153	AJ100919	6	40	C	0.3	0.34	0	0.22	36	0	52.3	0	0.37	9.62	0	98.87	Il
CAN190153	AJ100919	6	41	C	0.3	0.28	0	0.2	33.6	0	53.5	0.03	0.5	11.2	0.1	99.34	Il
CAN190153	AJ100919	6	42	C	0.3	0.29	0	0.35	30.9	0.01	55.1	0.02	0.54	12.3	0	99.38	Il
CAN190153	AJ100919	6	43	C	0.3	0.28	0	0.35	31.9	0	52.9	0.01	0.32	12.9	0	98.65	Il
CAN190153	AJ100919	6	44	C	0.3	0.31	0	0.17	36.3	0	50.7	0.02	1.15	10.3	0	98.94	Il
CAN190153	AJ100919	6	45	C	0.3	0.28	0.02	0.24	31.7	0.01	55.3	0.01	0.37	12.1	0	100	Il
CAN190153	AJ100919	6	46	C	0.3	0.44	0.04	0.33	28.8	0	55.8	0.07	0.5	13.9	0	99.86	Il
CAN190153	AJ100919	6	47	C	0.3	0.31	0	0.59	34.2	0.03	53.4	0.02	0.09	10.7	0	99.4	Il

CAN190153 and CAN190156\_Samples From Paul Centis Claims  
Microprobe Analysis Report

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190153	AJ100919	6	48	C	0.3	0.31	0.05	0.33	32.8	0	54.4	0	0.27	11.4	0	99.5	II
CAN190153	AJ100919	6	49	C	0.3	0.32	0.03	0.43	31.1	0.02	55	0.02	0.26	12.2	0	99.38	II
CAN190153	AJ100919	6	50	C	0.3	0.31	0.01	0.26	37.8	0.02	50.4	0	1.36	8.65	0.1	98.85	II
CAN190153	AJ100919	6	51	C	0.3	0.27	0.04	0.45	26.7	0	56.2	0.04	1.26	14.8	0	99.69	II
CAN190153	AJ100919	6	52	C	0.3	0.28	0	0.16	39.5	0.01	49.7	0.01	0.97	7.92	0	98.58	II
CAN190153	AJ100919	6	53	C	0.3	0.4	0	0.57	27.7	0.01	55.9	0.01	0.71	14.4	0	99.65	II
CAN190153	AJ100919	6	54	C	0.3	0.37	0.03	0.58	26.6	0.04	57	0.04	1.09	14.5	0	100.2	II
CAN190153	AJ100919	6	55	C	0.3	0.29	0	0.28	30.3	0	55.4	0.02	0.67	12.6	0	99.57	II
CAN190153	AJ100919	6	56	C	0.3	0.29	0	0.14	42.6	0	47.9	0.02	0.79	6.75	0.1	98.5	II
CAN190153	AJ100919	6	57	C	0.3	0.37	0.02	0.41	30.7	0	54.2	0.04	0.41	13	0	99.11	II
CAN190153	AJ100919	6	58	C	0.3	0.3	0.03	0.22	36.2	0	51.6	0	0.3	9.93	0.1	98.64	II
CAN190153	AJ100919	6	59	C	0.3	0.37	0	0.26	36	0	51.7	0	0.77	9.77	0	98.89	II
CAN190153	AJ100919	6	60	C	0.3	0.25	0.06	0.59	28	0	56.3	0.03	0.55	14.1	0	99.85	II
CAN190153	AJ100919	6	61	C	0.3	0.3	0.01	0.3	30.2	0	55.6	0.04	0.52	12.6	0	99.61	II
CAN190153	AJ100919	6	62	C	0.3	0.28	0.05	0.33	31	0.02	55.1	0.02	0.65	12.3	0	99.81	II
CAN190153	AJ100919	6	63	C	0.3	0.25	0.01	0.22	32.9	0	53.8	0.06	0.44	11.5	0	99.14	II
CAN190153	AJ100919	6	64	C	0.3	0.36	0	0.57	26.5	0.01	56	0.04	1.49	15	0.1	100	II
CAN190153	AJ100919	6	65	C	0.3	0.32	0	0.14	35.8	0	51.9	0.04	0.33	10.3	0	98.82	II
CAN190153	AJ100919	6	66	C	0.3	0.29	0	0.3	31.2	0.01	55	0	0.41	12.2	0	99.43	II
CAN190153	AJ100919	6	67	C	0.3	0.3	0	0.17	37.9	0.02	51.1	0.01	0.5	8.95	0	98.96	II
CAN190153	AJ100919	6	68	C	0.3	0.33	0	0.22	33.4	0	53.5	0.03	0.38	11.8	0	99.66	II
CAN190153	AJ100919	6	69	C	0.3	0.29	0	0.44	28.5	0.05	54.7	0.05	2.66	13.4	0	100	II
CAN190153	AJ100919	6	70	C	0.3	0.34	0	0.27	32.2	0.02	54.5	0.02	0.39	11.6	0.1	99.43	II
CAN190153	AJ100919	6	71	C	0.3	0.3	0	0.27	31.4	0.01	55.1	0	0.46	12.1	0	99.75	II
CAN190153	AJ100919	6	72	C	0.3	0.34	0	0.13	39.9	0.01	49.3	0.01	0.77	8.09	0	98.53	II
CAN190153	AJ100919	6	73	C	0.3	0.3	0	0.28	32.3	0	54.2	0.05	0.42	11.7	0.1	99.32	II
CAN190153	AJ100919	6	74	C	0.3	0.3	0.02	0.3	32.4	0.03	54.2	0.03	0.85	11.7	0	99.71	II
CAN190153	AJ100919	6	75	C	0.3	0.26	0	0.42	28.1	0	55.9	0	0.9	13.8	0	99.45	II
CAN190153	AJ100919	6	76	C	0.3	0.33	0	0.57	32.2	0.02	54.7	0.01	0.36	11.7	0	99.92	II
CAN190153	AJ100919	6	77	C	0.3	0.26	0.02	0.45	29.2	0.04	55.6	0	0.92	13.3	0	99.83	II
CAN190153	AJ100919	6	78	C	0.3	0.28	0	0.52	30.2	0.05	55.2	0.02	0.56	12.5	0	99.32	II
CAN190153	AJ100919	6	79	C	0.3	0.51	0	0.44	26.5	0.02	56.5	0.09	0.62	15	0	99.66	II
CAN190153	AJ100919	6	80	C	0.3	0.31	0.02	0.12	38.6	0	50.5	0.04	0.58	8.88	0	99.02	II

CAN190153 and CAN190156\_Samples From Paul Centis Claims  
Microprobe Analysis Report

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190153	AJ100919	6	81	C	0.3	0.33	0.03	0.15	36	0.01	52.1	0.04	0.29	9.74	0	98.74	II
CAN190153	AJ100919	6	82	C	0.3	0.27	0.06	0.45	27.3	0	56.3	0	1	14.1	0	99.54	II
CAN190153	AJ100919	6	83	C	0.3	0.27	0.03	0.36	32.6	0	54.3	0.02	0.51	11.3	0	99.5	II
CAN190153	AJ100919	6	84	C	0.3	0.22	0.04	0.42	30	0.05	54.8	0	1	12.8	0	99.29	II
CAN190153	AJ100919	6	85	C	0.3	0.3	0	0.32	31.9	0	54.3	0.01	0.53	12	0	99.31	II
CAN190153	AJ100919	6	86	C	0.3	0.26	0.02	0.45	29	0	55.2	0.01	1.15	13.4	0	99.51	II
CAN190153	AJ100919	6	87	C	0.3	0.33	0	0.31	31.2	0.01	54.5	0	0.48	12.2	0.1	99.02	II
CAN190153	AJ100919	6	88	C	0.3	0.32	0	0.22	39.1	0	49.9	0.01	1.22	8.26	0	99	II
CAN190153	AJ100919	6	89	C	0.3	0.27	0	0.42	30.8	0.01	54.6	0	1.02	12.4	0.1	99.64	II
CAN190153	AJ100919	6	90	C	0.3	0.28	0	0.47	28.6	0.03	55.7	0	0.95	13.6	0	99.65	II
CAN190153	AJ100919	6	91	C	0.3	0.32	0	0.32	31.9	0	54.5	0.01	0.58	12	0	99.58	II
CAN190153	AJ100919	6	92	C	0.3	0.29	0	0.42	27.9	0.04	56.1	0	0.68	13.8	0.1	99.31	II
CAN190153	AJ100919	6	93	C	0.3	0.28	0	0.28	30.5	0.01	55.4	0.01	0.49	12.6	0	99.47	II
CAN190153	AJ100919	6	94	C	0.3	0.29	0.03	0.46	28.9	0.02	55.4	0.04	0.97	13.5	0	99.62	II
CAN190153	AJ100919	6	95	C	0.3	0.28	0.02	0.31	32.6	0.01	54.4	0.03	0.41	11.6	0	99.66	II
CAN190153	AJ100919	6	96	C	0.3	0.26	0.03	0.5	27.3	0.03	55.7	0	1.79	14.1	0	99.64	II
CAN190153	AJ100919	6	97	C	0.3	0.29	0.01	0.32	31	0.02	55.1	0.02	0.46	12.5	0	99.75	II
CAN190153	AJ100919	6	98	C	0.3	0.27	0.03	0.44	28.9	0	55.5	0.01	1	13.4	0	99.56	II
CAN190153	AJ100919	6	99	C	0.3	0.53	0.02	0.12	44.4	0	52.1	0	0.05	2.5	0	99.72	II
CAN190153	AJ100919	6	100	C	0.3	0.33	0	0.18	37.4	0	51.1	0	0.39	9.47	0	98.84	II
CAN190153	AJ100919	6	101	C	0.3	0.3	0.04	0.39	30.3	0.03	55.6	0.03	0.51	12.6	0	99.86	II
CAN190153	AJ100919	6	102	C	0.3	0.28	0	13.23	16.6	0.08	0.22	0	55.84	12.7	0	98.92	Sp
CAN190153	AJ100919	6	103	C	0.3	0.3	0.03	10.64	15.1	0.12	0.25	0.01	59.37	13.2	0.1	99.06	Sp
CAN190153	AJ100919	6	104	C	0.3	0.81	0	12.79	20.1	0.04	0.3	0	53.62	11	0.1	98.76	Sp
CAN190153	AJ100919	6	105	C	0.3	0.3	0	13.67	27	0	1.91	0	46.16	9.18	0.1	98.38	Sp
CAN190153	AJ101019	6	106	C	0.3	0.31	0	17.16	6.02	41.5	0.36	4.7	8.73	21.7	0	100.5	Ga
CAN190153	AJ101019	6	107	C	0.3	0.3	0.01	21.28	7.62	41.7	0.76	5.13	2.3	21.1	0	100.2	Ga
CAN190153	AJ101019	6	108	C	0.3	0.32	0.04	18.25	7	41.2	0.45	5.7	7.04	20.1	0	100.1	Ga
CAN190153	AJ101019	6	109	C	0.3	0.51	0.03	20.5	7.43	41.5	0.06	4.68	4.87	20.6	0	100.2	Ga
CAN190153	AJ101019	6	110	C	0.3	0.45	0.04	20.34	7.56	41.4	0.07	4.25	5.18	21	0	100.3	Ga
CAN190153	AJ101019	6	111	C	0.3	0.3	0.06	21.11	7.95	41.4	0.82	5	2.84	20.5	0.1	99.99	Ga
CAN190153	AJ101019	6	112	C	0.3	0.31	0.08	21.61	8.97	41.6	1.51	4.88	0.55	20.9	0	100.4	Ga
CAN190153	AJ101019	6	113	C	0.3	0.36	0.03	22.52	9.44	41.9	0.54	4.59	0.81	20.2	0	100.4	Ga

CAN190153 and CAN190156\_Samples From Paul Centis Claims  
Microprobe Analysis Report

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190153	AJ101019	6	114	C	0.3	0.43	0.08	22.24	11.2	40.8	0.72	4.28	0.17	19.1	0	99.05	Ga
CAN190153	AJ101019	6	115	C	0.3	0.25	0.03	0.48	29.5	0	53.5	0.02	2.45	12.8	0	98.91	II
CAN190153	AJ101019	6	116	C	0.3	0.3	0	0.17	37.4	0	49.5	0.02	1.66	9.5	0	98.58	II
CAN190153	AJ101019	6	117	C	0.3	0.31	0	0.32	31.1	0.02	55	0	0.44	12.3	0	99.39	II
CAN190153	AJ101019	6	118	C	0.3	0.3	0	0.28	31.2	0.05	54.6	0.02	0.58	12.3	0	99.37	II
CAN190153	AJ101019	6	119	C	0.3	0.36	0	0.34	30.1	0	55.1	0.03	0.26	13.4	0	99.6	II
CAN190153	AJ101019	6	120	C	0.3	0.25	0.04	0.58	31.7	0.02	54.5	0.05	0.42	11.9	0	99.52	II
CAN190153	AJ101019	6	121	C	0.3	0.26	0	0.12	39.9	0	48.5	0	1.89	8.33	0	99.01	II
CAN190153	AJ101019	6	122	C	0.3	0.26	0	0.31	30.5	0	54.9	0	0.57	12.9	0	99.51	II
CAN190153	AJ101019	6	123	C	0.3	0.36	0	0.17	41.2	0	49.3	0	0.76	7.31	0.1	99.14	II
CAN190153	AJ101019	6	124	C	0.3	0.68	0	0.29	32.8	0	53.5	0.01	0.57	11.3	0	99.22	II
CAN190153	AJ101019	6	125	C	0.3	0.24	0.04	0.57	27.1	0.01	54.3	0	4.39	13.8	0	100.4	II
CAN190153	AJ101019	6	126	C	0.3	0.29	0	0.24	35.1	0.02	52.8	0.03	0.34	10.5	0	99.37	II
CAN190153	AJ101019	6	127	C	0.3	0.42	0	0.64	30.1	0.04	53.4	0.05	0.99	13.5	0	99.19	II
CAN190153	AJ101019	6	128	C	0.3	0.25	0	0.43	27.6	0	55.7	0.02	1.86	13.9	0	99.74	II
CAN190153	AJ101019	6	129	C	0.3	0.33	0.01	0.35	29	0	54.2	0.1	2.28	13.3	0.1	99.63	II
CAN190153	AJ101019	6	130	C	0.3	0.57	0.01	0.43	27.6	0.02	55.3	0.01	1.77	13.4	0	99.2	II
CAN190153	AJ101019	6	131	C	0.3	0.32	0.02	0.44	31.5	0.01	54.3	0.03	0.57	12.5	0	99.65	II
CAN190153	AJ101019	6	132	C	0.3	0.28	0	0.15	39.1	0.03	49.6	0.01	0.79	8.31	0.1	98.33	II
CAN190153	AJ101019	6	133	C	0.3	0.37	0	0.4	28.6	0.06	56	0.07	0.83	13.7	0	100	II
CAN190153	AJ101019	6	134	C	0.3	0.29	0.03	0.57	30.6	0.02	52.9	0	3.1	11.9	0	99.42	II
CAN190153	AJ101019	6	135	C	0.3	0.3	0	0.32	31.6	0.04	54.4	0.02	0.61	11.9	0	99.21	II
CAN190153	AJ101019	6	136	C	0.3	0.35	0	0.21	32.3	0	54.1	0.05	0.29	12.1	0	99.31	II
CAN190153	AJ101019	6	137	C	0.3	0.28	0.03	0.33	31.9	0	54.1	0.03	0.8	11.8	0	99.29	II
CAN190153	AJ101019	6	138	C	0.3	0.32	0	0.27	31.9	0	54.6	0.03	0.54	11.8	0	99.47	II
CAN190153	AJ101019	6	139	C	0.3	0.34	0	0.15	37.1	0.01	50.9	0.02	0.39	9.39	0	98.39	II
CAN190153	AJ101019	6	140	C	0.3	0.26	0	0.46	27.4	0	56.1	0.01	0.86	14.3	0	99.38	II
CAN190153	AJ101019	6	141	C	0.3	0.51	0.03	0.61	26.5	0.04	57	0.08	0.64	14.8	0	100.3	II
CAN190153	AJ101019	6	142	C	0.3	0.32	0	0.2	33	0	54.4	0.02	0.26	11.3	0	99.44	II
CAN190153	AJ101019	6	143	C	0.3	0.35	0	0.17	36.2	0	51.9	0	0.35	9.94	0.1	98.95	II
CAN190153	AJ101019	6	144	C	0.3	0.3	0	0.18	36.3	0	51.9	0	0.36	9.61	0	98.63	II
CAN190153	AJ101019	6	145	C	0.3	0.3	0	0.23	34.1	0.04	53.8	0	0.52	10.7	0	99.7	II
CAN190153	AJ101019	6	146	C	0.3	0.32	0	0.24	37.6	0	50.2	0.05	1.45	8.81	0.1	98.71	II

CAN190153 and CAN190156\_Samples From Paul Centis Claims  
Microprobe Analysis Report

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190153	AJ101019	6	147	C	0.3	0.27	0.02	0.4	29.7	0.01	55	0.04	0.55	13.1	0	99.02	II
CAN190153	AJ101019	6	148	C	0.3	0.3	0	0.37	28.5	0	56.2	0.03	0.75	13.7	0.1	99.87	II
CAN190153	AJ101019	6	149	C	0.3	0.26	0	14.13	21.4	0.11	0.33	0.01	52.03	10.8	0.1	99.18	Sp
CAN190153	AJ101019	6	150	C	0.3	0.22	0.02	15.9	17.8	0.08	0.36	0	51.24	13	0	98.62	Sp
CAN190153	AJ101019	6	151	C	0.3	0.17	0.01	33.91	15.5	0.15	1.18	0	30.88	17.2	0	99.07	Sp
CAN190153	AJ101019	6	152	C	0.3	0.59	0	8.66	17.1	0.18	0.07	0	61.89	10.7	0.1	99.31	Sp
CAN190153	AJ101019	6	153	C	0.3	0.76	0	11.82	31.8	0.16	0.37	0	49.89	3.65	0.2	98.6	Sp
CAN190153	AJ101019	6	154	C	0.3	0.31	0.01	9.86	18.2	0	0.3	0	58.58	11.8	0.1	99.06	Sp
CAN190153	AJ101119	6	155	C	0.3	0.41	0.05	19.62	6.97	41.7	0.13	5.31	6.14	20.1	0	100.4	Ga
CAN190153	AJ101119	6	156	C	0.3	0.43	0.04	22.57	11	41.8	0.69	4.6	0.17	19.2	0	100.5	Ga
CAN190153	AJ101119	6	157	C	0.3	0.47	0.04	22.59	11.1	41.7	0.61	4.55	0.16	19.2	0	100.5	Ga
CAN190153	AJ101119	6	158	C	0.3	0.42	0.05	23.04	11	41.5	0.49	4.34	0.13	19.1	0	100.2	Ga
CAN190153	AJ101119	6	159	C	0.3	0.24	0.01	18.78	6.8	41.4	0.41	5.94	5.96	20.4	0	99.97	Ga
CAN190153	AJ101119	6	160	C	0.3	0.34	0.01	0.26	32.6	0	53.8	0	0.63	11.6	0	99.15	II
CAN190153	AJ101119	6	161	C	0.3	0.31	0	0.13	41.3	0.01	49.3	0.02	0.72	7.23	0	99.1	II
CAN190153	AJ101119	6	162	C	0.3	0.26	0	0.76	26.6	0.02	55.5	0	1.81	14.2	0	99.12	II
CAN190153	AJ101119	6	163	C	0.3	0.27	0	0.4	31.4	0.01	54.7	0.05	0.81	12.1	0.1	99.8	II
CAN190153	AJ101119	6	164	C	0.3	0.33	0	0.18	32.8	0	53.3	0.01	0.32	12	0	98.93	II
CAN190153	AJ101119	6	165	C	0.3	0.3	0	0.21	34	0	53.5	0.02	0.42	11	0	99.45	II
CAN190153	AJ101119	6	166	C	0.3	0.34	0	0.16	34.4	0	52	0	0.38	10.9	0	98.14	II
CAN190153	AJ101119	6	167	C	0.3	0.27	0	0.47	30.1	0.02	54.3	0	1.74	12.7	0	99.67	II
CAN190153	AJ101119	6	168	C	0.3	0.26	0.01	0.15	36.7	0	50.2	0.01	1.31	10.1	0	98.78	II
CAN190153	AJ101119	6	169	C	0.3	0.27	0.01	0.31	31.7	0.02	54.6	0.02	0.55	12	0	99.45	II
CAN190153	AJ101119	6	170	C	0.3	0.25	0	0.5	27.2	0.03	55.4	0.01	2.17	13.8	0	99.37	II
CAN190153	AJ101119	6	171	C	0.3	0.3	0.02	0.43	27.3	0.03	55.6	0	1.7	14	0	99.35	II
CAN190153	AJ101119	6	172	C	0.3	0.3	0.02	0.54	29.4	0.01	53.8	0.02	2.85	12.7	0	99.69	II
CAN190153	AJ101119	6	173	C	0.3	0.33	0.01	0.28	31.2	0.01	54.8	0	0.49	12.6	0	99.62	II
CAN190153	AJ101119	6	174	C	0.3	0.29	0	0.1	39.6	0.01	48.8	0.02	0.83	8.78	0.1	98.52	II
CAN190153	AJ101119	6	175	C	0.3	0.31	0	0.11	39.1	0.02	50.2	0	0.52	8.69	0	98.93	II
CAN190153	AJ101119	6	176	C	0.3	0.37	0	0.22	34.2	0	53.1	0.03	0.36	10.7	0	98.98	II
CAN190153	AJ101119	6	177	C	0.3	0.25	0	0.54	28.3	0	54.1	0	2.52	13.2	0	98.97	II
CAN190153	AJ101119	6	178	C	0.3	0.28	0.02	0.29	31.2	0.03	54.9	0.01	0.7	12.2	0	99.66	II
CAN190153	AJ101119	6	179	C	0.3	0.31	0.04	0.23	34.2	0.01	53.3	0.04	0.54	10.5	0.1	99.24	II

CAN190153 and CAN190156\_Samples From Paul Centis Claims  
Microprobe Analysis Report

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190153	AJ101119	6	180	C	0.3	0.38	0.02	0.67	29.2	0	54.9	0.02	0.47	13.8	0	99.49	II
CAN190153	AJ101119	6	181	C	0.3	0.3	0.06	0.51	26.8	0.04	56.1	0.06	1.54	14.5	0	99.92	II
CAN190153	AJ101119	6	182	C	0.3	0.87	0	0.01	46.1	0	53	0.03	0	0.68	0	100.7	II
CAN190153	AJ101119	6	183	C	0.3	0.34	0.01	0.62	29.2	0	54.7	0.03	2.06	12.7	0	99.66	II
CAN190153	AJ101119	6	184	C	0.3	0.3	0	0.26	32.7	0.01	53.7	0.05	0.5	11.5	0	99	II
CAN190153	AJ101119	6	185	C	0.3	0.29	0	0.27	31.9	0	54.7	0	0.49	12.1	0	99.8	II
CAN190153	AJ101119	6	186	C	0.3	0.29	0	0.48	27	0	56.6	0.01	1.62	14.1	0	100.1	II
CAN190153	AJ101119	6	187	C	0.3	0.32	0.05	0.29	32.2	0	53.9	0.02	0.54	12.1	0	99.32	II
CAN190153	AJ101119	6	188	C	0.3	0.28	0.02	0.14	34.2	0	52.8	0.01	0.32	10.9	0	98.59	II
CAN190153	AJ101119	6	189	C	0.3	0.09	2.72	2.77	2.44	53.9	0.16	19.2	2.41	15	0	98.72	Cd
CAN190153	AJ101219	6	190	C	0.3	0.3	0.03	19.71	6.5	41.5	0.31	5.4	5.09	21.1	0	99.98	Ga
CAN190153	AJ101219	6	191	C	0.3	0.26	0.06	21.38	7.53	41.9	0.77	5.2	2.1	21.5	0	100.7	Ga
CAN190153	AJ101219	6	192	C	0.3	0.3	0	0.49	27.7	0	56.2	0.01	1.06	14	0	99.74	II
CAN190153	AJ101219	6	193	C	0.3	0.27	0	0.15	37	0.02	49.9	0	0.84	9.79	0	98.02	II
CAN190153	AJ101219	6	194	C	0.3	0.22	0	0.2	34.4	0.01	52	0	0.4	11.1	0	98.38	II
CAN190153	AJ101219	6	195	C	0.3	0.34	0.04	0.18	39.8	0	49.6	0	0.9	7.85	0.1	98.72	II
CAN190153	AJ101219	6	196	C	0.3	0.26	0.03	0.57	32.1	0.04	54.3	0.09	0.27	11.6	0	99.3	II
CAN190153	AJ101219	7	1	C	0.3	0.29	0	0.37	30	0	56	0.02	0.54	12.9	0	100.2	II
CAN190153	AJ101219	7	2	C	0.3	0.25	0.12	0.56	29.6	0.09	55.2	0.03	0.95	13.2	0	99.99	II
CAN190153	AJ101219	7	3	C	0.3	0.27	0	0.41	28.5	0.01	55.7	0.02	0.83	13.6	0.1	99.46	II
CAN190153	AJ101219	7	4	C	0.3	0.29	0	0.3	31.5	0	54.3	0	0.55	12.1	0	99.09	II
CAN190153	AJ101219	7	5	C	0.3	0.24	0.03	0.29	31.7	0.01	54.1	0.01	0.32	12.3	0.1	99.05	II
CAN190153	AJ101219	7	6	C	0.3	0.31	0.03	0.44	27	0	56.5	0	1.22	14.2	0	99.69	II
CAN190153	AJ101219	7	7	C	0.3	0.36	0	14.23	26.3	0.04	1.3	0.01	47.08	9.32	0.1	98.73	Sp
CAN190153	AJ101219	7	8	C	0.3	0.46	0	9.57	26.1	0.08	0.44	0.02	53.2	8.46	0	98.38	Sp
CAN190153	AJ101319	7	9	C	0.3	0.31	0.06	19.43	6.99	41.4	0.74	5.83	4.76	20.7	0	100.2	Ga
CAN190153	AJ101319	7	10	C	0.3	0.47	0.01	22.65	11.2	41.4	0.49	4.24	0.14	19.4	0	100	Ga
CAN190153	AJ101319	7	11	C	0.3	0.46	0.02	19.25	8.38	41	0.17	5.74	6.21	19	0	100.3	Ga
CAN190153	AJ101319	7	12	C	0.3	0.31	0.04	20.34	6.33	41.9	0.49	5.05	4.29	21.7	0	100.4	Ga
CAN190153	AJ101319	7	13	C	0.3	0.29	0.07	17.87	6.27	41.1	0.59	5.81	7.06	20.7	0	99.77	Ga
CAN190153	AJ101319	7	14	C	0.3	0.48	0.01	19.4	6.98	41.1	0.05	5.12	6.03	20.6	0	99.82	Ga
CAN190153	AJ101319	7	15	C	0.3	0.28	0.07	17.3	7.68	40.6	1.41	7.19	6.52	19.1	0	100.2	Ga
CAN190153	AJ101319	7	16	C	0.3	0.27	0.05	19.47	8	41	0.84	5.34	4.29	20.2	0	99.47	Ga

CAN190153 and CAN190156\_Samples From Paul Centis Claims  
Microprobe Analysis Report

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190153	AJ101319	7	17	C	0.3	0.29	0.06	20.2	6.83	41.6	0.41	5.29	4.13	21.2	0	100	Ga
CAN190153	AJ101319	7	18	C	0.3	0.4	0.07	22.94	10.7	41.6	0.52	4.33	0.11	20	0	100.6	Ga
CAN190153	AJ101319	7	19	C	0.3	0.43	0	21.08	7.87	41.3	0.08	5.19	3.78	20.2	0	99.92	Ga
CAN190153	AJ101319	7	20	C	0.3	0.32	0.02	19.48	6.24	41.2	0.49	5.37	5.39	21.2	0	99.74	Ga
CAN190153	AJ101319	7	21	C	0.3	0.44	0.02	22.12	8.41	41.7	0.17	4.85	2.48	20.1	0	100.3	Ga
CAN190153	AJ101319	7	22	C	0.3	0.23	0.04	20.99	6.98	42	0.4	4.85	3.36	21.5	0	100.3	Ga
CAN190153	AJ101319	7	23	C	0.3	0.44	0.02	21.58	6.82	41.8	0.04	3.91	3.5	22	0	100.1	Ga
CAN190153	AJ101319	7	24	C	0.3	0.43	0.02	20.73	7.37	41.4	0.14	5.46	4.38	20.4	0	100.3	Ga
CAN190153	AJ101319	7	25	C	0.3	0.27	0.04	20.4	6.42	41.9	0.3	5.04	4	21.5	0	99.93	Ga
CAN190153	AJ101319	7	26	C	0.3	0.39	0.11	22.07	10.6	41.5	0.75	4.77	0.32	19.6	0	100.2	Ga
CAN190153	AJ101319	7	27	C	0.3	0.36	0.06	20.93	9.59	41.5	0.86	4.65	2.01	20.3	0	100.3	Ga
CAN190153	AJ101319	7	28	C	0.3	0.52	0	54.67	13.5	27.1	0.61	0.03	0.08	1.86	0.2	98.6	Ga
CAN190153	AJ101319	7	29	C	0.3	0.3	0.1	20.15	8.58	41.3	1.99	6.64	1.35	19.6	0	99.96	Ga
CAN190153	AJ101319	7	30	C	0.3	0.28	0.08	21.11	8.54	41.3	1.54	6.06	1.1	19.9	0	99.84	Ga
CAN190153	AJ101319	7	31	C	0.3	0.31	0.12	20.99	8.19	41.8	0.74	5.08	2.79	20.5	0	100.5	Ga
CAN190153	AJ101319	7	32	C	0.3	0.38	0.04	0.62	26.6	0	56.1	0.04	1.41	14.6	0	99.79	Il
CAN190153	AJ101319	7	33	C	0.3	0.27	0.04	0.64	29.2	0.03	54.4	0.02	2.59	13	0	100.2	Il
CAN190153	AJ101319	7	34	C	0.3	0.33	0	0.2	33	0.02	53.8	0.01	0.4	11.4	0	99.17	Il
CAN190153	AJ101319	7	35	C	0.3	0.32	0.06	0.18	34.8	0.02	52.7	0.01	0.41	10.8	0	99.33	Il
CAN190153	AJ101319	7	36	C	0.3	0.32	0	0.49	29.9	0.02	55	0.06	0.78	13.5	0	100	Il
CAN190153	AJ101319	7	37	C	0.3	0.3	0.02	0.24	33.8	0.01	53.6	0.01	0.46	11.1	0	99.5	Il
CAN190153	AJ101319	7	38	C	0.3	0.29	0	0.31	33.7	0.05	52.1	0	1.5	11.4	0	99.35	Il
CAN190153	AJ101319	7	39	C	0.3	0.37	0	0.6	26.7	0.02	56.2	0.06	1.11	14.7	0	99.71	Il
CAN190153	AJ101319	7	40	C	0.3	0.32	0.03	0.2	34.2	0.01	53.3	0	0.4	10.7	0.1	99.17	Il
CAN190153	AJ101319	7	41	C	0.3	0.28	0	0.35	31.4	0	54.8	0.02	0.7	12.1	0	99.57	Il
CAN190153	AJ101319	7	42	C	0.3	0.27	0	0.15	41.1	0	48.5	0.01	0.76	7.08	0	97.88	Il
CAN190153	AJ101319	7	43	C	0.3	0.26	0	0.53	28.3	0	53.8	0.05	3.21	13.2	0	99.34	Il
CAN190153	AJ101319	7	44	C	0.3	0.53	0.05	0.35	29.1	0	55.4	0.05	1.1	13	0	99.61	Il
CAN190153	AJ101319	7	45	C	0.3	0.28	0	0.53	29.2	0	55.3	0.02	1.1	13.4	0	99.83	Il
CAN190153	AJ101319	7	46	C	0.3	0.29	0	0.42	33.1	0.01	54	0.02	0.47	11.3	0	99.55	Il
CAN190153	AJ101319	7	47	C	0.3	0.3	0	0.12	39.2	0.01	46.8	0.02	3.51	8.1	0	98.04	Il
CAN190153	AJ101319	7	48	C	0.3	0.21	0.05	0.43	42.3	0.05	47.9	0.01	0.38	7.33	0	98.64	Il
CAN190153	AJ101319	7	49	C	0.3	0.24	0	0.56	27	0.01	54.9	0.04	2.8	13.9	0	99.42	Il



CAN190153 and CAN190156\_Samples From Paul Centis Claims  
Microprobe Analysis Report

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190153	AJ101319	7	50	C	0.3	0.27	0	0.17	35	0	49.9	0.01	2.48	10.4	0	98.25	II
CAN190153	AJ101319	7	51	C	0.3	0.36	0	0.24	33.6	0	53.5	0.04	0.57	11	0	99.24	II
CAN190153	AJ101319	7	52	C	0.3	0.31	0	0.32	31.2	0.02	55	0.03	0.47	12.4	0	99.71	II
CAN190153	AJ101319	7	53	C	0.3	0.28	0	0.16	34.7	0	53.1	0.01	0.39	10.6	0	99.32	II
CAN190153	AJ101319	7	54	C	0.3	0.26	0.04	0.46	28.5	0.01	55.5	0.03	1.18	13.5	0	99.5	II
CAN190153	AJ101319	7	55	C	0.3	0.27	0.03	0.38	29.4	0	55.1	0	1.24	13.3	0	99.76	II
CAN190153	AJ101319	7	56	C	0.3	0.33	0	0.28	33.5	0	53.5	0	0.45	11	0.1	99.12	II
CAN190153	AJ101319	7	57	C	0.3	0.3	0.02	0.65	26.1	0	55.6	0.06	2.16	14.5	0.1	99.4	II
CAN190153	AJ101319	7	58	C	0.3	0.27	0	0.51	31	0.04	53.1	0	2.83	11.9	0	99.62	II
CAN190153	AJ101319	7	59	C	0.3	0.34	0	0.4	29.1	0	55.3	0.01	0.6	13.4	0	99.2	II
CAN190153	AJ101319	7	60	C	0.3	0.33	0	0.25	35.8	0.02	50.8	0.04	1.34	9.7	0	98.28	II
CAN190153	AJ101319	7	61	C	0.3	0.3	0	0.45	29.8	0	55.1	0	0.16	13.5	0	99.18	II
CAN190153	AJ101319	7	62	C	0.3	0.22	0.01	0.65	26.6	0	56.1	0.03	1.56	14.7	0	99.83	II
CAN190153	AJ101319	7	63	C	0.3	0.33	0.02	0.2	35	0.03	52.9	0.01	0.4	10.4	0	99.3	II
CAN190153	AJ101319	7	64	C	0.3	0.28	0	0.35	40.2	0	49.3	0	0.7	8	0	98.82	II
CAN190153	AJ101319	7	65	C	0.3	0.25	0.05	0.57	27.6	0.09	55.9	0.05	1.42	14.1	0	100	II
CAN190153	AJ101319	7	66	C	0.3	0.3	0.02	0.45	26.9	0.01	56.1	0.06	1.26	14.4	0	99.62	II
CAN190153	AJ101319	7	67	C	0.3	0.2	0.02	0.53	28.2	0.01	56	0.01	1.05	13.9	0	99.98	II
CAN190153	AJ101319	7	68	C	0.3	0.32	0	0.22	35.1	0	52.8	0.01	0.32	10.3	0	99.09	II
CAN190153	AJ101319	7	69	C	0.3	0.26	0	0.52	32.1	0	54.6	0	0.18	11.9	0	99.58	II
CAN190153	AJ101319	7	70	C	0.3	0.26	0	0.22	37.7	0	50.4	0.02	1.27	8.84	0	98.79	II
CAN190153	AJ101319	7	71	C	0.3	0.31	0	0.11	38.5	0	49.4	0.03	1.11	8.83	0	98.33	II
CAN190153	AJ101319	7	72	C	0.3	0.29	0	0.31	31	0	54.8	0.02	0.79	12.2	0	99.47	II
CAN190153	AJ101319	7	73	C	0.3	0.35	0	0.11	40.8	0.05	48.9	0.03	0.77	7.56	0	98.6	II
CAN190153	AJ101319	7	74	C	0.3	0.45	0.03	0.44	28.4	0	55.2	0.05	0.49	14.3	0	99.28	II
CAN190153	AJ101319	7	75	C	0.3	0.31	0	0.22	32	0	54.4	0.02	0.47	11.7	0	99.04	II
CAN190153	AJ101319	7	76	C	0.3	0.22	0	0.61	29	0	53.7	0.02	2.44	13.1	0	99.04	II
CAN190153	AJ101319	7	77	C	0.3	0.38	0.02	0.13	39.7	0.01	49.1	0	0.76	8.94	0	99.11	II
CAN190153	AJ101319	7	78	C	0.3	0.59	0	0.27	34.6	0.01	49.9	0.01	1.83	10.4	0	97.69	II
CAN190153	AJ101319	7	79	C	0.3	0.26	0	0.55	30.4	0.01	54.8	0	0.82	12.7	0	99.57	II
CAN190153	AJ101319	7	80	C	0.3	0.31	0.05	0.46	30.1	0.02	55.2	0.02	1.03	12.7	0	99.86	II
CAN190153	AJ101319	7	81	C	0.3	0.33	0	0.34	31.7	0.02	54.5	0	0.52	12.1	0	99.46	II
CAN190153	AJ101319	7	82	C	0.3	0.32	0.02	0.16	36.3	0	52.3	0	0.41	9.64	0	99.08	II

CAN190153 and CAN190156\_Samples From Paul Centis Claims  
Microprobe Analysis Report

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190153	AJ101319	7	83	C	0.3	0.52	0	0.39	25.9	0.01	56	0.08	0.84	15.6	0.1	99.41	II
CAN190153	AJ101319	7	84	C	0.3	0.32	0	0.09	36.5	0.02	49.3	0	2.69	9.23	0	98.2	II
CAN190153	AJ101319	7	85	C	0.3	0.37	0	0.36	28.8	0.04	56.1	0	0.56	13.8	0	100	II
CAN190153	AJ101319	7	86	C	0.3	0.33	0.02	0.23	33.7	0.02	51.5	0.01	0.63	12	0	98.44	II
CAN190153	AJ101319	7	87	C	0.3	0.31	0.01	0.34	29.3	0	55.4	0.01	0.55	13.3	0	99.2	II
CAN190153	AJ101319	7	88	C	0.3	0.3	0.03	0.37	30.9	0.04	54.2	0.04	1.36	12.4	0.1	99.68	II
CAN190153	AJ101319	7	89	C	0.3	0.24	0.01	0.54	27.1	0.01	55.1	0.02	2.5	14	0	99.56	II
CAN190153	AJ101319	7	90	C	0.3	0.25	0	0.42	29.2	0	56.1	0.01	0.85	13.4	0	100.2	II
CAN190153	AJ101319	7	91	C	0.3	0.31	0	0.54	33.1	0	53.6	0.03	0.19	11.4	0	99.27	II
CAN190153	AJ101319	7	92	C	0.3	0.31	0	0.15	40.3	0	49.1	0.02	0.84	7.75	0.1	98.45	II
CAN190153	AJ101319	7	93	C	0.3	0.33	0	0.22	33	0.02	54.4	0.02	0.58	11.4	0	100	II
CAN190153	AJ101319	7	94	C	0.3	0.3	0.01	0.15	42.8	0	47.7	0	0.8	6.63	0	98.39	II
CAN190153	AJ101319	7	95	C	0.3	0.29	0.04	0.23	32.9	0.03	53.6	0.03	0.52	11.8	0	99.39	II
CAN190153	AJ101319	7	96	C	0.3	0.29	0.03	0.24	33.3	0	53.7	0.04	0.48	11.3	0	99.33	II
CAN190153	AJ101319	7	97	C	0.3	0.33	0.01	0.19	36.5	0	51.6	0.02	0.37	9.88	0	98.92	II
CAN190153	AJ101319	7	98	C	0.3	0.28	0	0.3	31.5	0	55	0.02	0.44	12.1	0	99.62	II
CAN190153	AJ101319	7	99	C	0.3	0.3	0	0.26	34	0	53.8	0.02	0.32	10.9	0	99.53	II
CAN190153	AJ101319	7	100	C	0.3	0.33	0.03	0.5	26.7	0.03	55.1	0.03	2.58	14.4	0	99.66	II
CAN190153	AJ101319	7	101	C	0.3	0.31	0	0.28	35.5	0.02	50.8	0	0.94	10.8	0	98.7	II
CAN190153	AJ101319	7	102	C	0.3	0.3	0	0.18	38.5	0	49.8	0.01	1.42	8.49	0	98.66	II
CAN190153	AJ101319	7	103	C	0.3	0.34	0	0.18	37.9	0	50.3	0	0.84	9.11	0	98.7	II
CAN190153	AJ101319	7	104	C	0.3	0.3	0.02	0.18	34	0.04	53.5	0	0.38	11.3	0	99.72	II
CAN190153	AJ101319	7	105	C	0.3	0.32	0.03	0.16	36.2	0	52.2	0	0.38	9.71	0	98.99	II
CAN190153	AJ101319	7	106	C	0.3	0.34	0.02	0.27	31.2	0	55.3	0	0.39	12.3	0	99.84	II
CAN190153	AJ101319	7	107	C	0.3	0.29	0.03	0.47	29.7	0	55.1	0.02	1.02	13.2	0	99.91	II
CAN190153	AJ101319	7	108	C	0.3	0.27	0	0.5	28.9	0.02	54.6	0.03	2.47	12.7	0	99.52	II
CAN190153	AJ101319	7	109	C	0.3	0.49	0.03	0.32	31.1	0.01	54.6	0.04	0.5	12.3	0	99.37	II
CAN190153	AJ101319	7	110	C	0.3	0.29	0	0.52	29.5	0	54.4	0.05	0.79	13.4	0	98.97	II
CAN190153	AJ101319	7	111	C	0.3	0.32	0	0.31	28.9	0.01	55.8	0.08	0.75	13.7	0	99.78	II
CAN190153	AJ101319	7	112	C	0.3	0.31	0	0.38	32	0.03	54.2	0.06	0.61	11.6	0	99.22	II
CAN190153	AJ101319	7	113	C	0.3	0.29	0	0.14	38	0	49	0.02	1.46	9.44	0	98.32	II
CAN190153	AJ101319	7	114	C	0.3	0.18	0	0.62	32.2	0	51.1	0.02	1.39	12.4	0	97.89	II
CAN190153	AJ101319	7	115	C	0.3	0.45	0.04	0.53	30	0.03	54.1	0.06	2.57	12.1	0	99.87	II

CAN190153 and CAN190156\_Samples From Paul Centis Claims  
Microprobe Analysis Report

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190153	AJ101319	7	116	C	0.3	0.39	0	0.4	28.1	0.04	55.4	0.05	1.12	14.2	0.1	99.72	II
CAN190153	AJ101319	7	117	C	0.3	0.23	0.02	0.61	28.7	0.03	54.8	0.04	2.19	13.3	0	99.88	II
CAN190153	AJ101319	7	118	C	0.3	0.33	0.04	0.25	34.2	0	53.4	0	0.49	11	0	99.71	II
CAN190153	AJ101319	7	119	C	0.3	0.26	0.04	0.49	30	0	53.9	0	1.67	12.8	0	99.19	II
CAN190153	AJ101319	7	120	C	0.3	0.33	0	0.28	30.6	0	55.3	0.01	0.42	12.5	0	99.43	II
CAN190153	AJ101319	7	121	C	0.3	0.22	0.09	0.46	29.2	0	54.9	0.02	1.26	13.2	0	99.4	II
CAN190153	AJ101319	7	122	C	0.3	0.31	0	0.09	43.2	0	47.4	0.03	0.84	6.58	0	98.43	II
CAN190153	AJ101319	7	123	C	0.3	0.29	0.03	0.33	35.2	0.03	52	0.01	0.73	10.8	0	99.4	II
CAN190153	AJ101319	7	124	C	0.3	0.28	0.08	0.35	30.2	0.02	55.5	0.01	0.49	12.8	0	99.7	II
CAN190153	AJ101319	7	125	C	0.3	0.28	0	0.74	25.5	0	55.7	0.06	3.17	14.5	0	100	II
CAN190153	AJ101319	7	126	C	0.3	0.42	0.04	0.57	27.1	0.02	56.1	0.05	1.21	14.4	0	99.9	II
CAN190153	AJ101319	7	127	C	0.3	0.27	0	14.15	16.2	0.02	0.37	0	55.28	12.9	0.1	99.29	Sp
CAN190153	AJ101319	7	128	C	0.3	0.27	0.03	17.48	15.6	0.02	0.02	0	52.18	13.4	0	99.06	Sp
CAN190153	AJ101319	7	129	C	0.3	0.18	0	25.14	14.5	0.11	1.15	0	41.91	16.2	0.1	99.25	Sp
CAN190153	AJ101319	7	130	C	0.3	0.41	0	1.69	31.1	0.05	2.56	0	53.52	8.4	0.2	97.85	Sp
CAN190153	AJ101319	7	131	C	0.3	0.25	0	23.48	13.7	0.05	0.08	0	47.22	14.7	0.2	99.71	Sp
CAN190153	AJ101319	7	132	C	0.3	0.37	0	2.11	20.3	0.05	0.18	0.01	65.83	10.5	0.1	99.45	Sp
CAN190153	AJ101319	7	133	C	0.3	0.47	0	13.07	27.9	0	0.93	0.01	49.26	6.65	0.2	98.46	Sp
CAN190153	AJ101319	7	134	C	0.3	0.64	0	12.31	24.9	0.14	0.37	0	53.45	7.61	0.2	99.57	Sp
CAN190153	AJ101319	7	135	C	0.3	0.4	0.05	15.27	25	0.02	0.58	0.01	48.96	8.85	0.1	99.18	Sp
CAN190153	AJ101319	7	136	C	0.3	0.27	0.01	14.09	15.3	0.04	0.55	0	55.81	13.1	0.2	99.36	Sp
CAN190153	AJ101319	7	137	C	0.3	0.34	0.02	14.19	26.3	0.05	1.31	0.01	47.36	9.46	0.1	99.13	Sp
CAN190153	AJ101419	7	138	C	0.3	0.32	0.12	21.24	8.92	41.1	0.91	5.04	1.91	20.3	0	99.84	Ga
CAN190153	AJ101419	7	139	C	0.3	0.34	0.01	22.46	6.96	42.1	0.23	4.47	1.93	22.3	0	100.8	Ga
CAN190153	AJ101419	7	140	C	0.3	0.3	0.03	20.7	7.26	41.4	0.65	5.26	3.71	21.3	0	100.6	Ga
CAN190153	AJ101419	7	141	C	0.3	0.32	0.06	21.22	7.97	41.6	0.72	5.28	2.38	20.2	0	99.7	Ga
CAN190153	AJ101419	7	142	C	0.3	0.31	0.04	21.13	7.11	41.9	0.56	5.17	3.03	21.3	0	100.5	Ga
CAN190153	AJ101419	7	143	C	0.3	0.37	0.06	21.67	8.95	41.7	0.77	4.85	1.8	20.3	0	100.5	Ga
CAN190153	AJ101419	7	144	C	0.3	0.25	0.02	21.44	7.5	41.8	0.71	5.06	2	21.3	0	100.1	Ga
CAN190153	AJ101419	7	145	C	0.3	0.41	0	0.7	27.3	0	55.7	0.04	0.86	14.2	0	99.29	II
CAN190153	AJ101419	7	146	C	0.3	0.28	0.02	0.49	28.1	0	55.8	0.01	1.18	14	0	99.91	II
CAN190153	AJ101419	7	147	C	0.3	0.29	0.05	0.23	33.6	0.02	53.1	0	0.42	11.3	0	99.05	II
CAN190153	AJ101419	7	148	C	0.3	0.27	0.03	0.55	32.1	0.06	54.2	0.03	0.15	11.8	0	99.23	II

CAN190153 and CAN190156\_Samples From Paul Centis Claims  
Microprobe Analysis Report

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190153	AJ101419	7	149	C	0.3	0.28	0.02	0.22	34.2	0	52.9	0.02	0.33	10.8	0	98.75	II
CAN190153	AJ101419	7	150	C	0.3	0.27	0.03	0.48	31.8	0.01	54.4	0.04	0.69	11.9	0	99.56	II
CAN190153	AJ101419	7	151	C	0.3	0.27	0	0.31	34.6	0	51.7	0.02	0.45	11.5	0	98.85	II
CAN190153	AJ101419	7	152	C	0.3	0.29	0	0.26	29.3	0	56	0	0.5	13.5	0.1	99.8	II
CAN190153	AJ101419	7	153	C	0.3	0.26	0	0.19	39.3	0	49.4	0	1.33	8.1	0	98.54	II
CAN190153	AJ101419	7	154	C	0.3	0.31	0.05	0.53	27.5	0.02	54.8	0.04	2.9	13.9	0	99.97	II
CAN190153	AJ101419	7	155	C	0.3	0.3	0.02	0.63	28.3	0.01	55.7	0.03	0.97	13.7	0	99.69	II
CAN190153	AJ101419	7	156	C	0.3	0.35	0.04	0.39	28.1	0.01	55.7	0.02	0.78	14	0	99.41	II
CAN190153	AJ101419	7	157	C	0.3	0.57	0	0.22	31.1	0	54.9	0.02	0.57	11.7	0	99.1	II
CAN190153	AJ101419	7	158	C	0.3	0.32	0.01	0.26	32	0.03	54.3	0.01	0.4	12.1	0	99.47	II
CAN190153	AJ101419	7	159	C	0.3	0.28	0	0.43	29.7	0	55.9	0	0.65	13	0.1	100	II
CAN190153	AJ101419	7	160	C	0.3	0.3	0	0.25	34.3	0	53.3	0.01	0.52	10.8	0	99.43	II
CAN190153	AJ101419	7	161	C	0.3	0.34	0	0.18	40.1	0.02	49.6	0.02	0.77	7.85	0	98.9	II
CAN190153	AJ101419	7	162	C	0.3	0.29	0	0.25	32.1	0.01	54.3	0	0.58	11.9	0	99.32	II
CAN190153	AJ101419	7	163	C	0.3	0.33	0	0.24	34.1	0.02	53.6	0	0.32	11	0.1	99.61	II
CAN190153	AJ101419	7	164	C	0.3	0.28	0.04	0.63	28.5	0	55.4	0	1.15	13.6	0	99.66	II
CAN190153	AJ101419	7	165	C	0.3	0.25	0.02	0.5	27.4	0	55.9	0	1.78	14	0	99.9	II
CAN190153	AJ101419	7	166	C	0.3	0.22	0.02	0.48	26.8	0.02	55.5	0.02	2.22	14.4	0	99.71	II
CAN190153	AJ101419	7	167	C	0.3	0.3	0	0.2	34.4	0	53.2	0	0.52	10.6	0	99.26	II
CAN190153	AJ101419	7	168	C	0.3	0.28	0	0.54	27.5	0	54.8	0.02	2.78	13.5	0	99.44	II
CAN190153	AJ101419	7	169	C	0.3	0.27	0.01	0.59	29	0.03	53.6	0.02	3.41	12.9	0.1	99.84	II
CAN190153	AJ101419	7	170	C	0.3	0.25	0.02	0.32	31.3	0	54.7	0.03	0.5	12	0	99.17	II
CAN190153	AJ101419	7	171	C	0.3	0.29	0.05	0.32	31.1	0.01	55.7	0.01	0.52	12.5	0	100.5	II
CAN190153	AJ101419	7	172	C	0.3	0.3	0	0.14	36.8	0.02	51.2	0.02	0.44	9.92	0	98.87	II
CAN190153	AJ101419	7	173	C	0.3	0.53	0	0.62	29.5	0	55	0	0.16	13.6	0	99.5	II
CAN190153	AJ101419	7	174	C	0.3	0.26	0.03	0.31	35.3	0	52.1	0.01	1.15	10.2	0	99.27	II
CAN190153	AJ101419	7	175	C	0.3	0.56	0	0.14	44.4	0.01	52.6	0.01	0	2.64	0	100.3	II
CAN190153	AJ101419	7	176	C	0.3	0.26	0	0.47	28.5	0	55.9	0.04	1.04	13.7	0.1	99.91	II
CAN190153	AJ101419	7	177	C	0.3	0.3	0	0.45	29.3	0	55.2	0.02	0.89	13.4	0	99.56	II
CAN190153	AJ101419	7	178	C	0.3	0.56	0	0.06	44.6	0	52	0	0.03	2.01	0	99.29	II
CAN190153	AJ101419	7	179	C	0.3	0.24	0.05	0.54	26.8	0	55.7	0.04	1.67	14.6	0	99.65	II
CAN190153	AJ101419	7	180	C	0.3	0.27	0	0.46	30.5	0.04	55.2	0.02	1.01	12.5	0	100	II
CAN190153	AJ101419	7	181	C	0.3	0.29	0	0.36	31.5	0	54.5	0	0.81	12.2	0	99.66	II

CAN190153 and CAN190156\_Samples From Paul Centis Claims  
Microprobe Analysis Report

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190153	AJ101419	7	182	C	0.3	0.27	0.01	0.3	31.2	0	54.5	0	0.57	12.1	0.1	99.04	II
CAN190153	AJ101419	7	183	C	0.3	0.27	0	0.36	31.4	0	55.2	0.01	0.59	12.3	0.1	100.2	II
CAN190153	AJ101419	7	184	C	0.3	0.07	0	0.11	1.73	0	93.2	0	3.16	0.64	0.1	98.92	II
CAN190153	AJ101419	7	185	C	0.3	0.27	0	0.59	27.8	0	54.7	0	2.09	13.7	0	99.25	II
CAN190153	AJ101419	7	186	C	0.3	0.27	0.01	0.35	31.9	0	54.5	0.05	0.67	12.3	0	100	II
CAN190153	AJ101419	7	187	C	0.3	0.3	0.01	0.13	41.7	0.02	48.3	0.02	0.75	7.22	0.1	98.55	II
CAN190153	AJ101419	7	188	C	0.3	0.31	0	0.27	34.3	0	52.9	0	0.49	10.9	0.1	99.23	II
CAN190153	AJ101419	7	189	C	0.3	0.27	0.04	0.35	31.3	0	54.8	0	0.61	12.1	0	99.49	II
CAN190153	AJ101419	7	190	C	0.3	0.38	0	6.2	20.6	0.03	1.23	0.01	60.44	9.94	0.1	98.94	Sp
CAN190153	AJ101419	7	191	C	0.3	0.31	0	12.73	17.5	0.04	0.42	0	55.95	12.2	0.1	99.22	Sp
CAN190153	AJ101419	7	192	C	0.3	0.26	0	13.79	24.3	0.02	1.22	0.02	48.13	10.9	0.1	98.74	Sp
CAN190153	AJ101719	7	193	C	0.3	0.43	0.08	22.97	10.3	41.7	0.43	4.3	0.52	20.2	0	101	Ga
CAN190153	AJ101719	7	194	C	0.3	0.26	0.04	20.78	7.44	41.8	0.56	4.64	3.3	21.5	0	100.4	Ga
CAN190153	AJ101719	7	195	C	0.3	0.45	0	22.43	9.92	41.6	0.09	5.48	1.91	19	0	100.9	Ga
CAN190153	AJ101719	7	196	C	0.3	0.29	0.05	18.04	6.57	41.1	0.56	5.86	6.84	20.7	0	100	Ga
CAN190153	AJ101719	8	1	C	0.3	0.45	0.01	20.39	7.09	41.4	0.05	4.38	5.08	21.1	0	100	Ga
CAN190153	AJ101719	8	2	C	0.3	0.46	0.07	20.49	7.85	41.5	0.21	5.14	4.35	20	0	100	Ga
CAN190153	AJ101719	8	3	C	0.3	0.31	0.01	20.06	7.11	41.5	0.66	5.45	4.48	21.2	0	100.7	Ga
CAN190153	AJ101719	8	4	C	0.3	0.48	0.01	19.65	7.1	41.2	0.05	5.99	5.66	19.9	0	100.1	Ga
CAN190153	AJ101719	8	5	C	0.3	0.39	0.03	22.52	8.47	41.6	0.1	4.66	1.85	20.5	0	100.1	Ga
CAN190153	AJ101719	8	6	C	0.3	0.43	0.05	22.82	11.1	41.4	0.5	4.33	0.17	19.3	0	100.1	Ga
CAN190153	AJ101719	8	7	C	0.3	0.31	0.09	21.37	9.23	41.4	0.85	4.42	1.79	20.4	0	99.79	Ga
CAN190153	AJ101719	8	8	C	0.3	0.3	0.05	21.28	6.71	42.2	0.41	4.94	2.83	21.7	0	100.4	Ga
CAN190153	AJ101719	8	9	C	0.3	0.35	0.06	21.37	8.17	41.9	0.67	5.03	2.18	20.4	0	100.2	Ga
CAN190153	AJ101719	8	10	C	0.3	0.43	0.06	22.66	10.6	41.5	0.62	4.53	0.25	19.4	0	100.1	Ga
CAN190153	AJ101719	8	11	C	0.3	0.32	0.04	21.29	6.59	42	0.28	4.93	3.19	21.8	0	100.4	Ga
CAN190153	AJ101719	8	12	C	0.3	0.32	0.05	22.74	7.53	42.2	0.51	4.12	0.89	21.5	0	99.89	Ga
CAN190153	AJ101719	8	13	C	0.3	0.33	0.03	21.48	8.83	41.5	0.81	4.9	1.74	20.2	0	99.87	Ga
CAN190153	AJ101719	8	14	C	0.3	0.41	0.06	22.74	11.1	41.3	0.6	4.49	0.17	19.3	0	100.1	Ga
CAN190153	AJ101719	8	15	C	0.3	0.35	0	0.37	29.9	0.01	55.3	0.02	0.7	13	0.1	99.73	II
CAN190153	AJ101719	8	16	C	0.3	0.34	0.01	0.31	30.5	0.03	54.6	0.02	0.43	13	0	99.26	II
CAN190153	AJ101719	8	17	C	0.3	0.32	0	0.19	35.8	0	51.9	0.01	0.75	10.2	0	99.23	II
CAN190153	AJ101719	8	18	C	0.3	0.27	0.04	0.44	29.7	0	55.6	0.05	0.45	13.5	0	99.98	II

CAN190153 and CAN190156\_Samples From Paul Centis Claims  
Microprobe Analysis Report

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190153	AJ101719	8	19	C	0.3	0.41	0.01	0.42	29.7	0.01	54.4	0.07	0.9	13.4	0	99.34	II
CAN190153	AJ101719	8	20	C	0.3	0.32	0	0.18	32.8	0.03	54.4	0	0.26	11.3	0	99.24	II
CAN190153	AJ101719	8	21	C	0.3	0.29	0.02	0.27	33.6	0	54	0	0.43	11	0	99.55	II
CAN190153	AJ101719	8	22	C	0.3	0.3	0	0.45	28.5	0	55.6	0.01	0.9	13.7	0	99.41	II
CAN190153	AJ101719	8	23	C	0.3	0.27	0.02	0.49	30.5	0.02	53.6	0.01	2.21	12.8	0	99.99	II
CAN190153	AJ101719	8	24	C	0.3	0.27	0	0.17	40.8	0.01	49	0.02	0.81	7.43	0	98.57	II
CAN190153	AJ101719	8	25	C	0.3	0.28	0	0.19	38.4	0	50.5	0.01	1.26	8.34	0	99.07	II
CAN190153	AJ101719	8	26	C	0.3	0.25	0.02	0.2	28.8	0	55.8	0	0.4	14	0	99.43	II
CAN190153	AJ101719	8	27	C	0.3	0.29	0.05	0.23	34.4	0	52.1	0.03	0.52	10.7	0	98.28	II
CAN190153	AJ101719	8	28	C	0.3	0.3	0.02	0.3	31.8	0	54.2	0.02	0.52	11.7	0	98.94	II
CAN190153	AJ101719	8	29	C	0.3	0.51	0	0.34	28.9	0	55.1	0.09	0.64	14.2	0	99.77	II
CAN190153	AJ101719	8	30	C	0.3	0.29	0	0.28	31.7	0	54.1	0.03	0.33	12.7	0	99.38	II
CAN190153	AJ101719	8	31	C	0.3	0.58	0	0.34	30.5	0	55	0.03	0.83	12.8	0	99.96	II
CAN190153	AJ101719	8	32	C	0.3	0.26	0.04	0.38	29.6	0.04	55.5	0	0.55	13.2	0	99.62	II
CAN190153	AJ101719	8	33	C	0.3	0.24	0.02	0.58	27.9	0.03	54	0	3.47	13.4	0	99.68	II
CAN190153	AJ101719	8	34	C	0.3	0.48	0	0.39	27.4	0	55.8	0.08	0.72	14.6	0	99.49	II
CAN190153	AJ101719	8	35	C	0.3	0.28	0	0.55	28.7	0	55	0.02	1.44	13.7	0	99.58	II
CAN190153	AJ101719	8	36	C	0.3	0.3	0	0.14	38.8	0	49.9	0.02	0.79	8.44	0	98.34	II
CAN190153	AJ101719	8	37	C	0.3	0.28	0	0.44	29	0.03	55.5	0.05	1.1	13.3	0	99.54	II
CAN190153	AJ101719	8	38	C	0.3	0.29	0.08	0.46	29.2	0.07	56.1	0	0.44	13.7	0	100.3	II
CAN190153	AJ101719	8	39	C	0.3	0.32	0	0.22	37	0	51.4	0	0.36	9.52	0	98.77	II
CAN190153	AJ101719	8	40	C	0.3	0.51	0	0.59	26.9	0	55.9	0.08	0.71	15	0	99.72	II
CAN190153	AJ101719	8	41	C	0.3	0.3	0	0.24	37	0	51.4	0.04	0.37	9.52	0	98.91	II
CAN190153	AJ101719	8	42	C	0.3	0.32	0	0.51	32.7	0.02	53.8	0.02	0.19	11.9	0	99.49	II
CAN190153	AJ101719	8	43	C	0.3	0.32	0.02	0.12	38.2	0.01	49.1	0.02	1.01	8.62	0	97.39	II
CAN190153	AJ101719	8	44	C	0.3	0.33	0.01	0.39	27.2	0.02	55.4	0.07	1.09	14.4	0	98.88	II
CAN190153	AJ101719	8	45	C	0.3	0.27	0.04	0.36	29.2	0	55.4	0.01	0.97	13.5	0	99.67	II
CAN190153	AJ101719	8	46	C	0.3	0.42	0	0.52	29.1	0	55.5	0.18	0.59	14	0	100.3	II
CAN190153	AJ101719	8	47	C	0.3	0.28	0.01	0.29	29.8	0.04	55.6	0	0.77	12.9	0	99.67	II
CAN190153	AJ101719	8	48	C	0.3	0.31	0.02	0.22	31.4	0	54.8	0	0.31	12.1	0	99.2	II
CAN190153	AJ101719	8	49	C	0.3	0.41	0.07	0.39	27.1	0.02	56	0.06	1.32	14.8	0	100.2	II
CAN190153	AJ101719	8	50	C	0.3	0.3	0	0.26	32.5	0	54.4	0.01	0.53	11.7	0.1	99.74	II
CAN190153	AJ101719	8	51	C	0.3	0.27	0	0.66	28.5	0.03	56	0.02	0.29	14	0.1	99.75	II

CAN190153 and CAN190156\_Samples From Paul Centis Claims  
Microprobe Analysis Report

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190153	AJ101719	8	52	C	0.3	0.28	0.01	0.39	31.5	0	53.4	0	1.93	11.8	0.1	99.32	II
CAN190153	AJ101719	8	53	C	0.3	0.31	0.02	0.33	30.6	0.03	55.2	0.01	0.63	12.7	0	99.76	II
CAN190153	AJ101719	8	54	C	0.3	0.35	0.01	0.24	33.8	0	53.3	0	0.42	11.1	0	99.22	II
CAN190153	AJ101719	8	55	C	0.3	0.29	0.02	0.39	31.9	0.02	54	0.01	0.79	12	0.1	99.47	II
CAN190153	AJ101719	8	56	C	0.3	0.34	0	0.32	31.2	0.03	55.1	0.02	0.46	12.2	0	99.65	II
CAN190153	AJ101719	8	57	C	0.3	0.27	0	0.31	32.1	0	54.6	0	0.46	11.9	0.1	99.64	II
CAN190153	AJ101719	8	58	C	0.3	0.29	0	0.16	41.6	0.01	48.4	0	0.76	7.72	0.1	99.05	II
CAN190153	AJ101719	8	59	C	0.3	0.32	0.01	0.24	36.7	0	50.8	0.02	0.9	9.72	0	98.78	II
CAN190153	AJ101719	8	60	C	0.3	0.33	0	0.35	33.4	0.01	51.8	0.01	1.56	11.8	0	99.29	II
CAN190153	AJ101719	8	61	C	0.3	0.26	0.04	0.37	32.7	0.03	54.1	0	0.54	11.5	0	99.56	II
CAN190153	AJ101719	8	62	C	0.3	0.3	0	0.27	30.2	0	55.9	0.01	0.52	12.9	0	100	II
CAN190153	AJ101719	8	63	C	0.3	0.31	0	0.17	39.5	0	49.7	0.02	0.75	8.14	0	98.59	II
CAN190153	AJ101719	8	64	C	0.3	0.25	0.05	0.44	29.7	0.02	54.8	0.06	1.35	13.2	0	99.87	II
CAN190153	AJ101719	8	65	C	0.3	0.63	0.03	0.34	33.1	0.03	54	0.04	0.53	10.5	0	99.22	II
CAN190153	AJ101719	8	66	C	0.3	0.34	0	0.72	27.8	0.01	55.4	0.02	0.74	14.1	0.1	99.22	II
CAN190153	AJ101719	8	67	C	0.3	0.57	0	0.35	27	0.04	55.6	0.07	0.75	14.8	0	99.17	II
CAN190153	AJ101719	8	68	C	0.3	0.34	0	0.15	37.7	0.01	51.2	0	0.29	9.11	0	98.85	II
CAN190153	AJ101719	8	69	C	0.3	0.33	0.02	0.18	34.1	0	53.1	0.02	0.25	10.6	0	98.58	II
CAN190153	AJ101719	8	70	C	0.3	0.37	0	7.93	18	0.04	0.22	0	61.27	11.7	0.1	99.62	II
CAN190153	AJ101719	8	71	C	0.3	0.23	0.09	0.68	35.6	0.07	51.5	0.01	0.45	10.1	0.1	98.78	II
CAN190153	AJ101719	8	72	C	0.3	0.33	0.01	0.42	29.8	0.03	55.3	0.02	0.56	12.9	0	99.34	II
CAN190153	AJ101719	8	73	C	0.3	0.26	0.05	0.34	29.6	0.02	55.9	0	0.85	13.1	0	100.1	II
CAN190153	AJ101719	8	74	C	0.3	0.33	0	0.32	30.8	0.03	55.2	0.01	0.58	12.4	0	99.69	II
CAN190153	AJ101719	8	75	C	0.3	0.25	0.03	0.57	27.6	0.03	55.9	0.01	1.4	14.2	0	100.1	II
CAN190153	AJ101719	8	76	C	0.3	0.31	0.02	0.32	29.5	0.01	56	0.12	0.45	13.4	0	100.2	II
CAN190153	AJ101719	8	77	C	0.3	0.39	0.04	0.21	28.6	0	55.8	0.07	0.47	14.1	0	99.67	II
CAN190153	AJ101719	8	78	C	0.3	0.27	0	0.36	31.6	0	54.5	0.03	0.81	12	0	99.51	II
CAN190153	AJ101719	8	79	C	0.3	0.31	0	0.22	34.1	0	51.6	0.03	1.23	11.5	0	99.02	II
CAN190153	AJ101719	8	80	C	0.3	0.28	0.04	0.5	28.6	0.01	56.4	0.02	0.98	13.7	0	100.6	II
CAN190153	AJ101719	8	81	C	0.3	0.29	0	0.55	31.9	0.01	54.5	0.05	0.13	12	0	99.38	II
CAN190153	AJ101719	8	82	C	0.3	0.27	0.03	0.49	26.9	0	56	0	1.85	14.3	0	99.8	II
CAN190153	AJ101719	8	83	C	0.3	0.25	0	0.13	36.8	0	52	0	0.31	9.85	0.1	99.44	II
CAN190153	AJ101719	8	84	C	0.3	0.3	0.01	0.27	31.6	0.02	54.7	0.01	0.46	12	0	99.35	II

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ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190153	AJ101719	8	85	C	0.3	0.26	0	0.34	32.8	0.01	53.5	0.02	0.77	11.5	0	99.14	II
CAN190153	AJ101719	8	86	C	0.3	0.34	0	0.12	39.1	0	48.9	0.04	1.22	8.29	0	98.03	II
CAN190153	AJ101719	8	87	C	0.3	0.31	0	0.24	34.4	0	53.2	0.02	0.42	10.7	0	99.29	II
CAN190153	AJ101719	8	88	C	0.3	0.37	0.02	0.19	33.3	0	53.6	0.03	0.41	11.2	0	99.03	II
CAN190153	AJ101719	8	89	C	0.3	0.29	0.02	0.21	33.2	0.02	53.8	0	0.26	11.3	0	99.15	II
CAN190153	AJ101719	8	90	C	0.3	0.32	0.02	0.32	30	0.02	55.1	0.03	0.43	12.9	0	99.16	II
CAN190153	AJ101719	8	91	C	0.3	0.23	0.02	0.67	27	0.02	56.2	0.04	0.81	14.3	0	99.3	II
CAN190153	AJ101719	8	92	C	0.3	0.44	0	0.58	29.3	0.01	54.9	0.05	0.32	13.5	0	99.2	II
CAN190153	AJ101719	8	93	C	0.3	0.34	0.03	0.14	40.7	0.02	49.5	0.02	0.76	7.41	0	98.96	II
CAN190153	AJ101719	8	94	C	0.3	0.25	0.01	0.51	27.3	0	56	0.01	1.27	14.3	0	99.67	II
CAN190153	AJ101719	8	95	C	0.3	0.41	0	0.47	31.7	0	53.2	0.04	0.37	13	0	99.22	II
CAN190153	AJ101719	8	96	C	0.3	0.29	0.02	0.56	27.2	0	54.8	0.02	2.71	14.2	0	99.83	II
CAN190153	AJ101719	8	97	C	0.3	0.26	0.02	0.33	31.4	0.01	54.8	0.02	0.61	12.3	0	99.73	II
CAN190153	AJ101719	8	98	C	0.3	0.28	0	0.07	39.2	0	48.5	0.02	2.35	8.11	0	98.49	II
CAN190153	AJ101719	8	99	C	0.3	0.29	0	0.12	43.7	0	44.4	0	2.85	5.99	0	97.33	II
CAN190153	AJ101719	8	100	C	0.3	0.28	0.04	0.37	29.1	0.01	56	0.01	0.94	13.2	0	99.92	II
CAN190153	AJ101719	8	101	C	0.3	0.27	0	0.54	27.6	0.01	55	0.02	2.39	13.9	0	99.66	II
CAN190153	AJ101719	8	102	C	0.3	0.31	0.01	0.18	35.5	0	52.6	0.04	0.42	10.2	0.1	99.22	II
CAN190153	AJ101719	8	103	C	0.3	0.32	0	0.58	32.7	0	54.4	0	0.24	11.6	0	99.91	II
CAN190153	AJ101719	8	104	C	0.3	0.3	0	0.21	33.6	0	53.3	0.02	0.29	10.9	0.1	98.64	II
CAN190153	AJ101719	8	105	C	0.3	0.3	0.02	0.18	37.8	0.02	50.1	0	0.79	9.69	0	98.85	II
CAN190153	AJ101719	8	106	C	0.3	0.31	0.01	0.28	32.8	0.03	54	0	0.44	11.5	0	99.33	II
CAN190153	AJ101719	8	107	C	0.3	0.26	0	0.28	33.3	0.01	53.9	0	0.45	11	0	99.23	II
CAN190153	AJ101719	8	108	C	0.3	0.58	0	0.06	45.5	0	52.3	0	0.03	1.22	0.1	99.7	II
CAN190153	AJ101719	8	109	C	0.3	4.15	0	0.01	44.9	0	50.5	0	0.03	0.19	0	99.73	II
CAN190153	AJ101719	8	110	C	0.3	0.29	0	0.27	32.3	0	54.3	0.03	0.3	12	0	99.45	II
CAN190153	AJ101719	8	111	C	0.3	0.28	0.01	0.26	34.6	0	52.8	0	0.53	10.7	0	99.26	II
CAN190153	AJ101719	8	112	C	0.3	0.32	0.02	0.22	33.6	0.03	53.7	0.02	0.63	11.1	0	99.68	II
CAN190153	AJ101719	8	113	C	0.3	0.24	0.02	0.75	26.3	0.01	55.9	0.07	1.69	14.8	0	99.83	II
CAN190153	AJ101719	8	114	C	0.3	0.31	0	0.42	31.3	0.01	53.4	0.02	0.43	12.7	0.1	98.68	II
CAN190153	AJ101719	8	115	C	0.3	0.28	0	18.32	14.8	0.04	0.39	0	51.54	13.6	0.1	99.09	Sp
CAN190153	AJ101719	8	116	C	0.3	0.3	0.02	14.91	15.9	0.02	0.04	0	56.26	11.6	0.2	99.26	Sp
CAN190153	AJ101719	8	117	C	0.3	0.38	0	17.82	29.9	0	0.25	0	43.1	7.45	0.2	99.09	Sp



CAN190153 and CAN190156\_Samples From Paul Centis Claims  
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ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190153	AJ101719	8	118	C	0.3	0.45	0	1.29	28.2	0.01	2.61	0	56.67	8.58	0.1	97.9	Sp
CAN190153	AJ101719	8	119	C	0.3	0.29	0	12.29	19.6	0.01	0.05	0	56.28	10.9	0.2	99.56	Sp
CAN190153	AJ101719	8	120	C	0.3	0.82	0	10.65	38.4	0	1.91	0	44.84	1.38	0.2	98.24	Sp
CAN190153	AJ101719	8	121	C	0.3	0.67	0.05	11.26	33.2	0.56	0.69	0.01	48.29	3.76	0.4	98.84	Sp
CAN190153	AJ101719	8	122	C	0.3	0.3	0	13.63	26.7	0.01	0.49	0	49.58	8.17	0.1	98.97	Sp
CAN190153	AJ101719	8	123	C	0.3	0.36	0.02	16.09	27.3	0.11	0.55	0	44.89	9.49	0.1	98.88	Sp
CAN190153	AJ101719	8	124	C	0.3	0.39	0	14.31	23.8	0.03	0.6	0	51.81	8.79	0.1	99.84	Sp
CAN190153	AJ101719	8	125	C	0.3	0.41	0	11.87	30.2	0.07	0.56	0	49.41	5.85	0.1	98.55	Sp
CAN190153	AJ101719	8	126	C	0.3	0.22	0	17.66	19.4	0.1	0.94	0	48.26	12.3	0.1	99.02	Sp
CAN190153	AJ101919	8	127	C	0.3	0.33	0.03	20.57	7.97	41.5	0.88	5.55	3.22	20.4	0	100.5	Ga
CAN190153	AJ101919	8	128	C	0.3	0.31	0.04	18.99	6.83	41.3	0.44	5.71	6.05	20.8	0	100.4	Ga
CAN190153	AJ101919	8	129	C	0.3	0.35	0	20.45	7.61	41.3	0.46	5.4	3.88	20.4	0	99.93	Ga
CAN190153	AJ101919	8	130	C	0.3	0.42	0.03	21.51	8.11	41.6	0.11	5.16	3.33	20.1	0	100.3	Ga
CAN190153	AJ101919	8	131	C	0.3	0.34	0.03	21.54	6.88	42.2	0.39	4.49	2.88	21.7	0	100.4	Ga
CAN190153	AJ101919	8	132	C	0.3	0.44	0.03	20.82	6.7	42.6	0.06	4.53	5.42	20.7	0	101.3	Ga
CAN190153	AJ101919	8	133	C	0.3	0.37	0.01	22.07	7.65	41.9	0.18	4.85	2.75	20.8	0	100.5	Ga
CAN190153	AJ101919	8	134	C	0.3	0.45	0.04	21.82	8.76	41.8	0.1	4.71	2.48	20.1	0	100.2	Ga
CAN190153	AJ101919	8	135	C	0.3	0.43	0.07	22.66	10.8	41.4	0.69	4.24	0.25	19.8	0	100.4	Ga
CAN190153	AJ101919	8	136	C	0.3	0.36	0.04	22.71	9.44	41.8	0.78	5.04	0.39	20.2	0	100.8	Ga
CAN190153	AJ101919	8	137	C	0.3	0.34	0	0.58	27.5	0.01	54.2	0.04	2.94	13.9	0	99.61	Il
CAN190153	AJ101919	8	138	C	0.3	0.26	0.04	0.57	27.8	0.03	54.2	0.02	2.58	13.7	0	99.29	Il
CAN190153	AJ101919	8	139	C	0.3	0.33	0	0.21	31.8	0.02	55	0.03	0.43	12	0	99.84	Il
CAN190153	AJ101919	8	140	C	0.3	0.53	0	0.29	27.5	0	55	0.06	1.32	14.4	0.1	99.13	Il
CAN190153	AJ101919	8	141	C	0.3	0.47	0	0.65	27.8	0	54.7	0.03	1	14.9	0	99.47	Il
CAN190153	AJ101919	8	142	C	0.3	0.31	0	0.2	36.6	0	51.8	0.02	0.35	9.88	0	99.21	Il
CAN190153	AJ101919	8	143	C	0.3	0.33	0	0.32	32.2	0	54.5	0.02	0.45	11.8	0	99.55	Il
CAN190153	AJ101919	8	144	C	0.3	0.3	0.03	0.54	27.4	0.01	53.7	0.02	3.67	13.6	0.1	99.33	Il
CAN190153	AJ101919	8	145	C	0.3	0.31	0.02	0.23	35.5	0	51.3	0	1.54	10.4	0	99.26	Il
CAN190153	AJ101919	8	146	C	0.3	0.26	0.03	0.44	26.9	0.01	56.7	0.01	1.05	14.5	0	99.79	Il
CAN190153	AJ101919	8	147	C	0.3	0.51	0	0.36	31.8	0	54.6	0.03	0.55	11.4	0	99.28	Il
CAN190153	AJ101919	8	148	C	0.3	0.37	0	0.31	34.2	0.04	52.6	0.02	1.33	10.7	0	99.43	Il
CAN190153	AJ101919	8	149	C	0.3	0.28	0	0.25	38.5	0	50.2	0.01	1.54	8.16	0	98.86	Il
CAN190153	AJ101919	8	150	C	0.3	0.29	0	0.15	42.6	0	47.5	0.01	0.83	6.71	0.1	98.19	Il

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ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190153	AJ101919	8	151	C	0.3	0.32	0	0.23	32.4	0	54.1	0	0.63	12.1	0.1	99.84	II
CAN190153	AJ101919	8	152	C	0.3	0.28	0.03	0.37	30.1	0	55.2	0	0.58	12.7	0	99.36	II
CAN190153	AJ101919	8	153	C	0.3	0.29	0	0.57	27.7	0.02	54	0.05	3.56	13.6	0	99.73	II
CAN190153	AJ101919	8	154	C	0.3	0.24	0.01	0.5	28.1	0.02	56.1	0.01	0.88	13.9	0	99.77	II
CAN190153	AJ101919	8	155	C	0.3	0.32	0.01	0.28	32.8	0	53.9	0.04	0.45	11.6	0	99.37	II
CAN190153	AJ101919	8	156	C	0.3	0.28	0	0.44	27.3	0.02	56	0.02	1.02	14.4	0	99.44	II
CAN190153	AJ101919	8	157	C	0.3	0.29	0	0.31	31.4	0	55.2	0	0.56	12	0	99.69	II
CAN190153	AJ101919	8	158	C	0.3	0.26	0.02	0.27	33.2	0	52.8	0.02	0.3	12.1	0	98.92	II
CAN190153	AJ101919	8	159	C	0.3	0.34	0	0.17	37.8	0	50.8	0.02	0.39	9.11	0	98.63	II
CAN190153	AJ101919	8	160	C	0.3	0.34	0	0.26	32.9	0.01	53.8	0.03	0.44	11.6	0	99.29	II
CAN190153	AJ101919	8	161	C	0.3	0.33	0	0.51	28.6	0.02	54.3	0.03	2.73	13	0	99.47	II
CAN190153	AJ101919	8	162	C	0.3	0.51	0	0.31	32.1	0.01	53.9	0.01	0.68	11.9	0.1	99.47	II
CAN190153	AJ101919	8	163	C	0.3	0.31	0	0.28	36.7	0.01	51.3	0.04	1.22	9.34	0	99.25	II
CAN190153	AJ101919	8	164	C	0.3	0.33	0	0.34	31.4	0	53.8	0.08	0.73	12	0	98.74	II
CAN190153	AJ101919	8	165	C	0.3	0.24	0	0.53	27.7	0	54.9	0.05	2.47	13.6	0	99.57	II
CAN190153	AJ101919	8	166	C	0.3	0.32	0	0.41	32.5	0	51.6	0	1.49	12.4	0	98.82	II
CAN190153	AJ101919	8	167	C	0.3	0.26	0.01	0.64	28.7	0	54.7	0.04	2.42	13.4	0	100.2	II
CAN190153	AJ101919	8	168	C	0.3	0.22	0	0.46	27.3	0	56.1	0.06	1.29	14.2	0	99.55	II
CAN190153	AJ101919	8	169	C	0.3	0.28	0.05	0.58	29.6	0.02	53.8	0.02	3.21	12.6	0	100.2	II
CAN190153	AJ101919	8	170	C	0.3	0.29	0.03	0.26	31.3	0	55	0.02	0.37	11.9	0	99.2	II
CAN190153	AJ101919	8	171	C	0.3	0.38	0.01	0.56	28.4	0.02	55.2	0.04	0.64	14.4	0.1	99.74	II
CAN190153	AJ101919	8	172	C	0.3	1.76	0	0.03	45.1	0	53.7	0	0.02	0.16	0	100.7	II
CAN190153	AJ101919	8	173	C	0.3	0.29	0.02	0.26	32.3	0.02	54	0.01	0.63	11.8	0	99.21	II
CAN190153	AJ101919	8	174	C	0.3	0.08	1.58	2.01	3.18	54.3	0.25	18.3	1.38	18.1	0	99.12	Cd
CAN190153	AJ101919	8	175	C	0.3	0.28	0	12.57	21.4	0.1	0.34	0	53.7	10.9	0	99.37	Sp
CAN190153	AJ101919	8	176	C	0.3	2.16	0	12.79	26.6	0.01	0.25	0.03	52.27	4.37	0.5	99.01	Sp
CAN190153	AJ101919	8	177	C	0.3	0.35	0	12.62	21.5	0.05	0.29	0	53.93	10.8	0.2	99.76	Sp
CAN190153	AJ102119	8	178	C	0.3	0.37	0.12	21.28	9	41.6	0.78	4.65	2.02	20.3	0	100.2	Ga
CAN190153	AJ102119	8	179	C	0.3	0.29	0.07	20.92	7.19	42	0.72	5.04	2.76	21.5	0	100.5	Ga
CAN190153	AJ102119	8	180	C	0.3	0.43	0.02	19.19	8.05	41.2	0.13	5.45	6.19	19.7	0	100.3	Ga
CAN190153	AJ102119	8	181	C	0.3	0.37	0.04	20.4	7.62	41.6	0.72	5.52	3.53	20.5	0	100.3	Ga
CAN190153	AJ102119	8	182	C	0.3	0.24	0.05	21.72	7.15	42	0.39	4.76	2.54	21.6	0	100.5	Ga
CAN190153	AJ102119	8	183	C	0.3	0.3	0.1	21.91	9.05	41.8	1.64	4.71	0.45	21.2	0	101.2	Ga

CAN190153 and CAN190156\_Samples From Paul Centis Claims  
Microprobe Analysis Report

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190153	AJ102119	8	184	C	0.3	0.44	0.01	21.62	7	41.9	0.08	5.2	3.47	20.6	0	100.3	Ga
CAN190153	AJ102119	8	185	C	0.3	0.29	0.02	21.54	6.86	42.1	0.26	4.8	2.73	21.5	0	100.1	Ga
CAN190153	AJ102119	8	186	C	0.3	0.31	0	19.74	7.42	41.2	0.43	5.17	4.9	20.8	0	100	Ga
CAN190153	AJ102119	8	187	C	0.3	0.31	0.05	20.42	7.8	41.5	0.82	5.53	3.34	20.6	0	100.4	Ga
CAN190153	AJ102119	8	188	C	0.3	0.25	0	21.31	7.45	41.9	0.74	5.09	1.95	21.5	0	100.2	Ga
CAN190153	AJ102119	8	189	C	0.3	0.38	0.07	22.73	11.8	41.5	0.45	4.09	0.2	19	0	100.3	Ga
CAN190153	AJ102119	8	190	C	0.3	1.32	0.03	21.31	34.3	37.3	0.07	1.77	0.03	4.37	0	100.5	Ga
CAN190153	AJ102119	8	191	C	0.3	0.32	0.07	21.85	8.59	41.7	0.88	4.72	1.68	20.5	0	100.4	Ga
CAN190153	AJ102119	8	192	C	0.3	0.27	0.03	0.54	28.5	0.01	54.4	0.03	2.62	12.8	0	99.31	II
CAN190153	AJ102119	8	193	C	0.3	0.29	0	0.2	32.8	0	54.1	0.02	0.39	11.8	0	99.58	II
CAN190153	AJ102119	8	194	C	0.3	0.31	0.02	0.21	33	0	50	0.03	3.61	11.3	0	98.43	II
CAN190153	AJ102119	8	195	C	0.3	0.31	0	0.29	34.2	0.03	52.9	0.03	0.78	11	0.1	99.57	II
CAN190153	AJ102119	8	196	C	0.3	0.44	0.01	0.54	28	0	55.7	0.02	0.66	14.2	0	99.51	II
CAN190153	AJ102119	9	1	C	0.3	0.29	0	0.3	30.6	0.02	54.7	0.02	0.67	12.7	0	99.31	II
CAN190153	AJ102119	9	2	C	0.3	0.32	0	0.51	30.9	0.04	54.8	0	0.55	12.3	0	99.47	II
CAN190153	AJ102119	9	3	C	0.3	0.32	0.06	0.28	32.9	0	54.6	0	0.64	11.5	0	100.3	II
CAN190153	AJ102119	9	4	C	0.3	0.62	0	0.18	33.1	0.01	54.1	0.04	0.35	10.7	0.1	99.14	II
CAN190153	AJ102119	9	5	C	0.3	0.24	0.01	0.46	27.5	0.01	56.5	0.02	1.01	13.9	0	99.78	II
CAN190153	AJ102119	9	6	C	0.3	0.29	0	0.16	33.2	0	53.2	0.04	0.36	12	0	99.28	II
CAN190153	AJ102119	9	7	C	0.3	0.27	0.03	0.22	34.7	0	52.4	0.01	0.39	10.4	0	98.38	II
CAN190153	AJ102119	9	8	C	0.3	0.29	0	0.18	35.6	0.02	48.3	0	4.39	9.47	0	98.17	II
CAN190153	AJ102119	9	9	C	0.3	0.29	0.02	0.3	32.2	0.02	54.3	0	0.56	11.7	0	99.35	II
CAN190153	AJ102119	9	10	C	0.3	0.33	0.03	0.23	34.1	0.01	53.5	0.02	0.53	10.6	0	99.4	II
CAN190153	AJ102119	9	11	C	0.3	0.25	0	0.47	28.6	0.03	55.4	0.01	1.17	13.6	0	99.57	II
CAN190153	AJ102119	9	12	C	0.3	0.31	0.03	0.26	33.4	0.04	53.8	0	0.39	11	0	99.31	II
CAN190153	AJ102119	9	13	C	0.3	0.83	0	0.14	46.6	0	50.4	0	0.02	1.25	0	99.23	II
CAN190153	AJ102119	9	14	C	0.3	0.29	0.03	0.43	28.9	0	55.8	0.03	0.98	13.5	0.1	99.96	II
CAN190153	AJ102119	9	15	C	0.3	0.24	0	0.45	27.9	0	55.8	0.03	1.04	13.6	0.1	99.11	II
CAN190153	AJ102119	9	16	C	0.3	0.25	0	0.79	27.6	0	54.9	0	2.56	13.7	0	99.8	II
CAN190153	AJ102219	9	17	C	0.3	0.33	0.1	21.06	8.63	41.5	0.82	5.38	2.31	20.1	0	100.2	Ga
CAN190153	AJ102219	9	18	C	0.3	0.34	0.04	19.46	7.48	41.4	0.83	5.75	4.34	20.3	0	99.97	Ga
CAN190153	AJ102219	9	19	C	0.3	0.33	0.07	19.53	7.87	41.4	0.68	5.54	4.54	20	0	100	Ga
CAN190153	AJ102219	9	20	C	0.3	0.3	0.04	21.12	7.11	42.1	0.28	5.12	3.14	21.2	0	100.4	Ga

CAN190153 and CAN190156\_Samples From Paul Centis Claims  
Microprobe Analysis Report

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190153	AJ102219	9	21	C	0.3	0.31	0	16.43	5.93	41.3	0.17	6.63	9.4	20.1	0	100.4	Ga
CAN190153	AJ102219	9	22	C	0.3	0.33	0.07	21.57	6.42	42.2	0.36	4.64	2.83	22	0	100.4	Ga
CAN190153	AJ102219	9	23	C	0.3	0.42	0.01	21.73	8.57	41.5	0.07	5.31	2.96	19.8	0	100.3	Ga
CAN190153	AJ102219	9	24	C	0.3	0.3	0.03	21.54	7.7	42	0.65	4.81	2.1	21.2	0	100.3	Ga
CAN190153	AJ102219	9	25	C	0.3	0.32	0.04	21.52	6.67	42.2	0.41	4.69	2.81	22	0	100.7	Ga
CAN190153	AJ102219	9	26	C	0.3	0.32	0.01	19.83	7.72	41.4	0.8	5.71	3.82	20.6	0	100.2	Ga
CAN190153	AJ102219	9	27	C	0.3	0.44	0.05	22.79	11.1	41.5	0.45	4.3	0.21	19.4	0	100.2	Ga
CAN190153	AJ102219	9	28	C	0.3	0.3	0.06	20.82	6.82	41.9	0.55	4.93	3.53	21.6	0	100.5	Ga
CAN190153	AJ102219	9	29	C	0.3	0.29	0.09	21.95	7.27	42.1	0.47	4.55	2.24	21.5	0	100.5	Ga
CAN190153	AJ102219	9	30	C	0.3	0.27	0.05	17.37	6.33	41	1.21	6.35	6.82	20.3	0	99.68	Ga
CAN190153	AJ102219	9	31	C	0.3	0.41	0.06	22.76	10.8	41.6	0.65	4.38	0.12	19.8	0	100.6	Ga
CAN190153	AJ102219	9	32	C	0.3	0.46	0.02	20.75	8.3	41.5	0.12	5.3	4.16	19.9	0	100.5	Ga
CAN190153	AJ102219	9	33	C	0.3	0.43	0.01	22.7	7.75	41.6	0.08	4.85	1.99	20.6	0	99.99	Ga
CAN190153	AJ102219	9	34	C	0.3	0.38	0	21.11	7.95	41.9	0.39	4.87	3	20.7	0	100.3	Ga
CAN190153	AJ102219	9	35	C	0.3	0.31	0.01	21.88	6.39	42.1	0.31	4.55	2.72	22.2	0	100.5	Ga
CAN190153	AJ102219	9	36	C	0.3	0.44	0	21.86	8.84	41.4	0.14	5.07	2.41	20	0	100.2	Ga
CAN190153	AJ102219	9	37	C	0.3	0.31	0.07	20.54	7.23	41.6	0.35	5.14	4.07	21.1	0	100.4	Ga
CAN190153	AJ102219	9	38	C	0.3	0.35	0.06	20.38	6.96	41.6	0.5	4.86	4.17	21.1	0	99.98	Ga
CAN190153	AJ102219	9	39	C	0.3	0.27	0	23.35	6.64	42.8	0.06	4.93	1.31	21.9	0	101.3	Ga
CAN190153	AJ102219	9	40	C	0.3	0.3	0.03	21.05	7.82	41.7	0.68	5.38	2.68	20.5	0	100.1	Ga
CAN190153	AJ102219	9	41	C	0.3	0.43	0.06	19.74	7.96	41.5	0.18	5.14	5.53	19.9	0	100.4	Ga
CAN190153	AJ102219	9	42	C	0.3	21.2	0	20.31	21.2	36	0.13	1.04	0	0.62	0	100.5	Ga
CAN190153	AJ102219	9	43	C	0.3	0.34	0.08	21.34	9.55	41.2	0.8	4.48	1.46	19.9	0	99.22	Ga
CAN190153	AJ102219	9	44	C	0.3	0.34	0.09	21.39	9.22	41.4	1.19	5.19	1.08	20.1	0	99.97	Ga
CAN190153	AJ102219	9	45	C	0.3	0.3	0.07	21.3	8.23	41.9	0.83	5.08	1.92	21	0	100.6	Ga
CAN190153	AJ102219	9	46	C	0.3	0.27	0.02	21.4	7.37	41.9	0.74	5.13	1.89	21.5	0	100.2	Ga
CAN190153	AJ102219	9	47	C	0.3	0.26	0.03	0.8	28.9	0.03	52.7	0.04	3.46	13	0	99.18	Il
CAN190153	AJ102219	9	48	C	0.3	0.24	0	0.44	28.2	0	55.8	0	0.88	13.7	0	99.29	Il
CAN190153	AJ102219	9	49	C	0.3	0.35	0	0.67	31.5	0.03	53.9	0.07	0.1	12.7	0	99.26	Il
CAN190153	AJ102219	9	50	C	0.3	0.27	0	0.56	32.9	0	53.6	0.03	0.29	11.7	0	99.23	Il
CAN190153	AJ102219	9	51	C	0.3	0.32	0.04	0.16	40.5	0.01	49.5	0.02	0.8	7.89	0	99.18	Il
CAN190153	AJ102219	9	52	C	0.3	0.6	0	0.41	25.7	0.04	56.8	0.11	0.92	15.2	0	99.81	Il
CAN190153	AJ102219	9	53	C	0.3	0.37	0	0.56	27.2	0.01	55.8	0.03	1.49	14.1	0.1	99.58	Il

CAN190153 and CAN190156\_Samples From Paul Centis Claims  
Microprobe Analysis Report

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190153	AJ102219	9	54	C	0.3	0.4	0.03	0.56	27.2	0.02	55.9	0.01	0.88	14.4	0	99.46	II
CAN190153	AJ102219	9	55	C	0.3	0.47	0.03	0.4	28.1	0	55.2	0.05	0.88	14.2	0	99.33	II
CAN190153	AJ102219	9	56	C	0.3	0.24	0	0.33	43.7	0	47	0	0.32	6.69	0	98.3	II
CAN190153	AJ102219	9	57	C	0.3	0.38	0	0.43	30.2	0	54.8	0.04	0.29	13.4	0	99.42	II
CAN190153	AJ102219	9	58	C	0.3	0.27	0	0.56	30.7	0.03	55	0	0.21	12.5	0	99.27	II
CAN190153	AJ102219	9	59	C	0.3	0.28	0.01	0.56	29.9	0.01	53.3	0.02	2.68	12.5	0	99.26	II
CAN190153	AJ102219	9	60	C	0.3	0.45	0	0.31	29.7	0	55.3	0.04	0.34	14.2	0.1	100.4	II
CAN190153	AJ102219	9	61	C	0.3	0.28	0	0.32	30	0.03	55.3	0	0.57	12.7	0	99.22	II
CAN190153	AJ102219	9	62	C	0.3	0.34	0.03	0.2	39.3	0	49.9	0	0.96	7.9	0	98.6	II
CAN190153	AJ102219	9	63	C	0.3	0.3	0.02	0.22	35.8	0	52.1	0	0.37	10.2	0	99.04	II
CAN190153	AJ102219	9	64	C	0.3	0.26	0	0.43	28.4	0	55.6	0.03	0.82	13.5	0	99.01	II
CAN190153	AJ102219	9	65	C	0.3	0.3	0	0.34	30.1	0.01	55.8	0.04	0.58	13	0	100.2	II
CAN190153	AJ102219	9	66	C	0.3	0.27	0	0.09	37.9	0	46.9	0.03	2.75	9.65	0	97.56	II
CAN190153	AJ102219	9	67	C	0.3	0.29	0	0.57	27.8	0.02	56.1	0.03	1.12	14	0	99.83	II
CAN190153	AJ102219	9	68	C	0.3	0.28	0	0.45	28.5	0.02	55.9	0	1.05	13.4	0.1	99.72	II
CAN190153	AJ102219	9	69	C	0.3	0.27	0	0.14	39	0.04	48.4	0	1.77	8.29	0	97.92	II
CAN190153	AJ102219	9	70	C	0.3	0.24	0.03	0.54	28.5	0.02	55.2	0.01	1.54	13.3	0	99.47	II
CAN190153	AJ102219	9	71	C	0.3	0.34	0.06	0.61	26.6	0.05	54.2	0	3.35	14.1	0	99.29	II
CAN190153	AJ102219	9	72	C	0.3	0.29	0	0.21	30.5	0.01	55	0.01	0.45	12.4	0	98.86	II
CAN190153	AJ102219	9	73	C	0.3	0.24	0.02	0.54	27.3	0	55.5	0.03	2.3	14.1	0	100	II
CAN190153	AJ102219	9	74	C	0.3	0.64	0	0.04	44.3	0	52.7	0	0.04	1.78	0	99.52	II
CAN190153	AJ102219	9	75	C	0.3	0.28	0.03	0.24	31.6	0.02	55	0	0.5	12.3	0	99.88	II
CAN190153	AJ102219	9	76	C	0.3	0.32	0.02	0.54	28.7	0.01	55.4	0	1.37	13.4	0	99.73	II
CAN190153	AJ102219	9	77	C	0.3	0.32	0	0.29	32.2	0.03	54	0.03	0.68	11.9	0	99.45	II
CAN190153	AJ102219	9	78	C	0.3	0.31	0.05	0.16	39.9	0	49.8	0	0.65	7.84	0	98.74	II
CAN190153	AJ102219	9	79	C	0.3	0.35	0	0.21	33.9	0	53.8	0.03	0.22	10.9	0	99.41	II
CAN190153	AJ102219	9	80	C	0.3	0.26	0	0.12	43.6	0	44	0.02	3.27	6.81	0	98.06	II
CAN190153	AJ102219	9	81	C	0.3	0.35	0	0.52	27.8	0.04	55.9	0	0.56	14	0	99.12	II
CAN190153	AJ102219	9	82	C	0.3	0.3	0	0.21	38.5	0.01	49.2	0.01	1.57	8.19	0	98	II
CAN190153	AJ102219	9	83	C	0.3	0.41	0	0.4	26.6	0.03	55.1	0.07	1.67	15	0	99.31	II
CAN190153	AJ102219	9	84	C	0.3	0.33	0.08	0.18	35	0	52.2	0	0.78	10.5	0.1	99.15	II
CAN190153	AJ102219	9	85	C	0.3	0.32	0	0.15	35.2	0	52.8	0	0.38	10.2	0	99.07	II
CAN190153	AJ102219	9	86	C	0.3	0.29	0.01	0.19	36.2	0	52.1	0.01	0.41	9.73	0	98.93	II

CAN190153 and CAN190156\_Samples From Paul Centis Claims  
Microprobe Analysis Report

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190153	AJ102219	9	87	C	0.3	0.31	0.03	0.22	33.1	0	53.6	0.02	0.51	11.7	0	99.59	II
CAN190153	AJ102219	9	88	C	0.3	0.31	0	0.31	31.9	0.04	54.3	0.03	0.63	11.8	0	99.33	II
CAN190153	AJ102219	9	89	C	0.3	0.29	0	0.45	30.3	0.04	55	0	0.86	12.7	0	99.68	II
CAN190153	AJ102219	9	90	C	0.3	0.39	0	0.72	27.8	0	55.8	0.09	0.65	14.2	0.1	99.74	II
CAN190153	AJ102219	9	91	C	0.3	0.36	0.04	0.23	33	0.02	54.4	0.01	0.27	11.1	0	99.44	II
CAN190153	AJ102219	9	92	C	0.3	0.25	0	0.27	33.3	0	53.7	0.02	0.49	11.5	0	99.49	II
CAN190153	AJ102219	9	93	C	0.3	0.35	0.03	0.16	39.5	0	49.5	0	0.84	8	0.1	98.41	II
CAN190153	AJ102219	9	94	C	0.3	0.28	0	0.09	40.3	0	47.3	0.03	2.01	7.85	0	97.84	II
CAN190153	AJ102219	9	95	C	0.3	0.27	0	0.26	33.7	0.01	53.7	0.01	0.45	11.2	0	99.56	II
CAN190153	AJ102219	9	96	C	0.3	0.26	0	0.09	38.3	0.02	50.3	0	0.44	8.97	0	98.42	II
CAN190153	AJ102219	9	97	C	0.3	0.26	0	0.33	35.2	0.02	51.3	0.03	1.33	10.5	0	98.99	II
CAN190153	AJ102219	9	98	C	0.3	0.28	0	0.25	31.8	0	54.6	0	0.67	11.8	0	99.42	II
CAN190153	AJ102219	9	99	C	0.3	0.29	0.07	0.37	31.6	0.1	54.2	0.01	0.56	11.9	0	99.04	II
CAN190153	AJ102219	9	100	C	0.3	0.36	0.04	0.47	29.9	0.04	55.1	0.02	1.15	12.8	0	99.8	II
CAN190153	AJ102219	9	101	C	0.3	0.35	0	0.25	31.6	0	54.7	0.04	0.36	11.6	0.1	98.98	II
CAN190153	AJ102219	9	102	C	0.3	0.31	0.04	0.18	32.2	0.02	53.9	0.02	0.31	12.2	0	99.18	II
CAN190153	AJ102219	9	103	C	0.3	0.32	0	0.18	39.4	0.04	50.2	0	1.11	7.87	0	99.18	II
CAN190153	AJ102219	9	104	C	0.3	0.3	0	0.11	38.8	0	49.1	0	1.22	8.37	0	97.88	II
CAN190153	AJ102219	9	105	C	0.3	0.33	0	0.1	42.8	0	47.1	0.02	0.87	6.58	0	97.83	II
CAN190153	AJ102219	9	106	C	0.3	0.29	0	0.25	31.4	0	54.7	0.02	0.41	12.1	0	99.09	II
CAN190153	AJ102219	9	107	C	0.3	0.28	0.03	0.14	38.4	0	50.6	0.03	0.36	8.85	0.1	98.72	II
CAN190153	AJ102219	9	108	C	0.3	0.34	0	0.37	30.1	0	55.3	0.06	0.38	13.1	0	99.67	II
CAN190153	AJ102219	9	109	C	0.3	0.64	0.06	7.02	48.6	0.02	23.4	0.06	2.85	15.6	0.1	98.29	II
CAN190153	AJ102219	9	110	C	0.3	0.32	0	0.34	31.6	0	55.2	0	0.51	12.1	0	100	II
CAN190153	AJ102219	9	111	C	0.3	0.33	0	0.28	32.6	0	54.1	0	0.35	11.5	0	99.2	II
CAN190153	AJ102219	9	112	C	0.3	0.58	0.04	0.2	30.6	0	54.7	0.02	1.13	12.8	0	100.1	II
CAN190153	AJ102219	9	113	C	0.3	0.26	0.03	0.19	34	0	53.3	0	0.38	10.9	0	99	II
CAN190153	AJ102219	9	114	C	0.3	0.48	0.02	0.39	24.6	0	56.7	0.11	2.27	15.7	0	100.4	II
CAN190153	AJ102219	9	115	C	0.3	0.28	0	0.53	27.2	0.01	55.5	0.03	1.98	13.9	0	99.47	II
CAN190153	AJ102219	9	116	C	0.3	0.42	0.01	0.62	27.9	0.01	55.3	0.06	1.04	14.1	0	99.46	II
CAN190153	AJ102219	9	117	C	0.3	0.83	0.05	0.29	26.1	0	55.5	1.04	0.74	14.9	0	99.44	II
CAN190153	AJ102219	9	118	C	0.3	0.4	0.03	0.6	27.5	0	54.6	0.03	2.92	13.9	0	100	II
CAN190153	AJ102219	9	119	C	0.3	0.27	0	0.38	31.3	0.02	54.5	0.03	0.8	12.2	0	99.46	II

CAN190153 and CAN190156\_Samples From Paul Centis Claims  
Microprobe Analysis Report

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190153	AJ102219	9	120	C	0.3	0.27	0	0.32	30.5	0	55.4	0.06	0.44	12.4	0	99.37	II
CAN190153	AJ102219	9	121	C	0.3	0.58	0.01	0.56	28.5	0.05	56.2	0.05	0.14	13.9	0	100	II
CAN190153	AJ102219	9	122	C	0.3	0.43	0	0.42	28.4	0.04	56.1	0.06	0.58	14.1	0	100.1	II
CAN190153	AJ102219	9	123	C	0.3	0.35	0	0.18	34	0	53.2	0.01	0.32	10.9	0.1	98.98	II
CAN190153	AJ102219	9	124	C	0.3	0.27	0	0.23	33.5	0.03	53.9	0	0.37	11.3	0.1	99.59	II
CAN190153	AJ102219	9	125	C	0.3	0.26	0	0.4	29.3	0.01	54.9	0.03	1.38	13.1	0	99.46	II
CAN190153	AJ102219	9	126	C	0.3	0.26	0.02	0.42	28.5	0	55.6	0.02	0.82	14	0	99.73	II
CAN190153	AJ102219	9	127	C	0.3	0.3	0.01	0.19	33.5	0	53.3	0	0.29	11.1	0.1	98.73	II
CAN190153	AJ102219	9	128	C	0.3	0.06	2.37	2.67	1.43	54.2	0.21	20.7	2.46	15.3	0	99.41	Cd
CAN190153	AJ102219	9	129	C	0.3	0.29	0	10.13	17.7	0.03	0.19	0	58.43	12.4	0.1	99.32	Sp
CAN190153	AJ102219	9	130	C	0.3	0.34	0	1.82	22.3	0.03	1.9	0	61.74	10.7	0.2	98.98	Sp
CAN190153	AJ102219	9	131	C	0.3	0.37	0.02	1.97	41.9	0.05	5.23	0	40.23	6.72	0.1	96.61	Sp
CAN190153	AJ102219	9	132	C	0.3	0.31	0	12.32	23.6	0.04	0.49	0.01	51.83	10.2	0.1	98.86	Sp
CAN190153	AJ102219	9	133	C	0.3	0.55	0	14.89	31.6	0.1	0.99	0.01	47.09	3.69	0.4	99.28	Sp
CAN190153	AJ102219	9	134	C	0.3	0.38	0.02	9.64	24.4	0.08	0.41	0	54.72	9.16	0	98.83	Sp
CAN190153	AJ102219	9	135	C	0.3	0.94	0.02	11.47	32.3	0.08	0.32	0	50.86	2.52	0.6	99.1	Sp
CAN190153	AJ102219	9	136	C	0.3	0.32	0.02	11.06	38.7	0	3.09	0	40.69	3.48	0.5	97.88	Sp
CAN190153	AJ102219	9	137	C	0.3	0.55	0	9.76	29.1	0	0.48	0	53.03	5.85	0.2	98.92	Sp
CAN190153	AJ102519	9	138	C	0.3	0.26	0.03	19.89	6.58	41.5	0.6	5.19	4.81	21.2	0	100.1	Ga
CAN190153	AJ102519	9	139	C	0.3	0.33	0.05	20.9	7.03	41.6	0.44	4.96	3.33	21.2	0	99.87	Ga
CAN190153	AJ102519	9	140	C	0.3	0.31	0.05	21.82	6.66	42.1	0.61	4.79	2.2	21.6	0	100.2	Ga
CAN190153	AJ102519	9	141	C	0.3	0.33	0.06	20.98	7.23	41.8	0.5	5.06	3.1	21.4	0	100.5	Ga
CAN190153	AJ102519	9	142	C	0.3	0.32	0.06	21.54	9.26	41.5	0.65	4.69	1.8	20.3	0	100.1	Ga
CAN190153	AJ102519	9	143	C	0.3	0.32	0.03	20.3	7.03	41.5	0.54	5.46	4.01	21.2	0	100.4	Ga
CAN190153	AJ102519	9	144	C	0.3	0.27	0.07	21.96	8.97	41.9	1.38	4.1	0.35	21.1	0	100.1	Ga
CAN190153	AJ102519	9	145	C	0.3	0.31	0.11	21.65	9.59	41.6	1.12	4.84	1.11	20.3	0	100.6	Ga
CAN190153	AJ102519	9	146	C	0.3	0.31	0.04	19.9	6.57	41.7	0.5	5.45	4.74	20.7	0	99.91	Ga
CAN190153	AJ102519	9	147	C	0.3	0.32	0.08	21.92	9.47	41.8	0.77	4.61	1.09	20.3	0	100.3	Ga
CAN190153	AJ102519	9	148	C	0.3	0.29	0.05	20.89	7.63	41.7	0.7	5.11	2.87	20.9	0	100.1	Ga
CAN190153	AJ102519	9	149	C	0.3	0.3	0.04	20.2	7.38	41.6	0.52	5.15	4.04	20.7	0	99.87	Ga
CAN190153	AJ102519	9	150	C	0.3	0.31	0.02	21.18	7.51	41.7	0.49	5.14	2.74	20.9	0	99.97	Ga
CAN190153	AJ102519	9	151	C	0.3	0.5	0.04	22.23	7.15	42	0.07	4.21	2.84	21.4	0	100.4	Ga
CAN190153	AJ102519	9	152	C	0.3	0.43	0.1	23.05	11.1	41.8	0.49	4.27	0.13	19.3	0	100.7	Ga

CAN190153 and CAN190156\_Samples From Paul Centis Claims  
Microprobe Analysis Report

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190153	AJ102519	9	153	C	0.3	0.35	0.05	20.78	8.33	41.4	0.85	5.07	3.14	20.4	0	100.4	Ga
CAN190153	AJ102519	9	154	C	0.3	0.29	0.08	20.24	8.09	41.3	0.97	5.59	3.15	20.3	0.1	100.1	Ga
CAN190153	AJ102519	9	155	C	0.3	0.45	0.06	22.85	10.8	41.7	0.54	4.26	0.12	19.6	0	100.4	Ga
CAN190153	AJ102519	9	156	C	0.3	0.42	0.07	22.3	10.9	41.4	0.76	4.84	0.17	19.3	0	100.1	Ga
CAN190153	AJ102519	9	157	C	0.3	0.28	0.02	0.51	29	0.03	54.4	0.03	2.54	12.8	0	99.55	II
CAN190153	AJ102519	9	158	C	0.3	0.26	0.01	0.51	30.1	0	54	0.03	1.47	12.5	0	98.8	II
CAN190153	AJ102519	9	159	C	0.3	0.29	0.03	0.2	36.3	0	52.1	0	0.3	9.59	0	98.85	II
CAN190153	AJ102519	9	160	C	0.3	0.29	0.01	0.14	35.2	0.03	52.4	0	0.36	10.4	0	98.79	II
CAN190153	AJ102519	9	161	C	0.3	0.31	0	0.25	29.6	0	55.3	0	0.39	13.6	0	99.42	II
CAN190153	AJ102519	9	162	C	0.3	0.32	0	0.2	32.5	0.01	54.2	0.02	0.26	11.4	0	98.93	II
CAN190153	AJ102519	9	163	C	0.3	0.27	0.08	0.23	32.7	0	54.6	0.01	0.39	11.6	0	99.85	II
CAN190153	AJ102519	9	164	C	0.3	0.31	0	0.17	34.1	0.02	53.2	0.01	0.32	10.9	0	99.04	II
CAN190153	AJ102519	9	165	C	0.3	0.26	0	0.43	29	0	55.7	0.02	0.41	13.5	0	99.28	II
CAN190153	AJ102519	9	166	C	0.3	0.3	0	0.16	35.9	0.02	52.5	0	0.58	9.96	0	99.51	II
CAN190153	AJ102519	9	167	C	0.3	0.56	0.03	0.41	25.5	0	55.8	0.09	1.62	15.3	0	99.39	II
CAN190153	AJ102519	9	168	C	0.3	0.36	0	0.42	27.5	0.01	55.9	0.04	1.12	14.5	0	99.9	II
CAN190153	AJ102519	9	169	C	0.3	0.42	0.03	0.45	30.6	0.02	52.9	0.04	1.64	13.3	0	99.42	II
CAN190153	AJ102519	9	170	C	0.3	0.3	0	0.09	38.5	0	48.3	0.01	3.14	8.15	0	98.52	II
CAN190153	AJ102519	9	171	C	0.3	0.29	0	0.52	27.5	0.04	55.5	0.05	2.14	14	0	100.1	II
CAN190153	AJ102519	9	172	C	0.3	0.31	0	0.24	35.5	0	52.9	0	0.49	10.3	0	99.74	II
CAN190153	AJ102519	9	173	C	0.3	0.3	0	0.46	28.6	0	56	0.02	0.64	13.7	0	99.68	II
CAN190153	AJ102519	9	174	C	0.3	0.27	0.02	0.23	32.3	0.01	53.6	0.03	0.56	12.2	0	99.23	II
CAN190153	AJ102519	9	175	C	0.3	0.28	0	0.49	27.1	0.01	56	0	1.26	14	0	99.17	II
CAN190153	AJ102519	9	176	C	0.3	0.33	0	0.28	36.5	0.01	51.5	0	1.05	9.12	0	98.8	II
CAN190153	AJ102519	9	177	C	0.3	0.34	0	0.26	32.9	0	53.4	0.01	0.44	11.3	0.1	98.64	II
CAN190153	AJ102519	9	178	C	0.3	0.26	0.07	0.71	28.1	0.07	54.2	0.01	2.17	12.7	0	98.31	II
CAN190153	AJ102519	9	179	C	0.3	0.33	0	0.07	39.2	0	47.7	0.02	3.18	8	0	98.56	II
CAN190153	AJ102519	9	180	C	0.3	0.29	0	0.56	26.9	0	53.8	0.06	3.84	13.8	0	99.24	II
CAN190153	AJ102519	9	181	C	0.3	0.36	0	0.16	38.3	0.02	50.3	0	0.72	8.65	0	98.45	II
CAN190153	AJ102519	9	182	C	0.3	0.25	0.03	0.47	29.9	0.04	55.2	0.01	1	12.9	0	99.77	II
CAN190153	AJ102519	9	183	C	0.3	0.36	0	0.66	27.5	0	56.2	0.05	0.63	14.3	0	99.61	II
CAN190153	AJ102519	9	184	C	0.3	0.38	0.05	0.28	28.5	0.04	56.2	0.09	0.45	14	0	99.99	II
CAN190153	AJ102519	9	185	C	0.3	0.25	0	0.52	30.2	0.05	54.5	0	1.79	12.3	0	99.64	II



CAN190153 and CAN190156\_Samples From Paul Centis Claims  
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ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190153	AJ102519	9	186	C	0.3	0.3	0	0.24	31.4	0	54.8	0	0.31	12.1	0	99.2	II
CAN190153	AJ102519	9	187	C	0.3	0.29	0	0.37	31.1	0.01	54.9	0	0.44	12.1	0	99.24	II
CAN190153	AJ102519	9	188	C	0.3	0.3	0	0.41	28.8	0.01	55.6	0	0.78	13.5	0	99.46	II
CAN190153	AJ102519	9	189	C	0.3	0.29	0	0.54	30.6	0	53.5	0.02	0.34	13.4	0	98.7	II
CAN190153	AJ102519	9	190	C	0.3	0.27	0.05	0.53	28.8	0	54.4	0	2.54	13	0.1	99.61	II
CAN190153	AJ102519	9	191	C	0.3	0.63	0	0.29	26.6	0	56.2	0.02	0.55	15.8	0	100.1	II
CAN190153	AJ102519	9	192	C	0.3	0.35	0	0.22	33.6	0	53.7	0	0.48	10.9	0	99.2	II
CAN190153	AJ102519	9	193	C	0.3	0.26	0	0.58	32.4	0.03	54.5	0	0.14	11.8	0.1	99.78	II
CAN190153	AJ102519	9	194	C	0.3	0.31	0.01	0.28	33.2	0	53.6	0	0.51	11.2	0	99.14	II
CAN190153	AJ102519	9	195	C	0.3	0.29	0	0.27	31.8	0.02	54.5	0	0.54	12.1	0	99.59	II
CAN190153	AJ102519	9	196	C	0.3	0.26	0.05	0.45	27.8	0	56.3	0.01	1.04	14.1	0	99.98	II
CAN190153	AJ102519	10	1	C	0.3	0.39	0	0.07	36.6	0	50.1	0	2.88	9.08	0	99.12	II
CAN190153	AJ102519	10	2	C	0.3	0.24	0	0.39	32.7	0	53.1	0.02	0.37	12.2	0	99.03	II
CAN190153	AJ102519	10	3	C	0.3	0.28	0.04	0.28	32.1	0	54.9	0.03	0.35	11.7	0	99.68	II
CAN190153	AJ102519	10	4	C	0.3	0.61	0.02	0.5	29.8	0.01	56	0.06	0.56	13.3	0	100.8	II
CAN190153	AJ102519	10	5	C	0.3	0.29	0.07	0.24	32.1	0.02	54.4	0.02	0.37	11.9	0	99.33	II
CAN190153	AJ102519	10	6	C	0.3	0.29	0.03	0.45	28.9	0	56.4	0.01	0.93	13.7	0	100.7	II
CAN190153	AJ102519	10	7	C	0.3	0.32	0.01	0.16	40.4	0	49.6	0.02	0.87	7.49	0	98.84	II
CAN190153	AJ102519	10	8	C	0.3	0.28	0.08	0.52	29.9	0.04	54.7	0.02	1.43	12.8	0	99.75	II
CAN190153	AJ102519	10	9	C	0.3	0.26	0.02	0.55	27.9	0.05	54.6	0.03	3.02	13.6	0	100	II
CAN190153	AJ102519	10	10	C	0.3	0.26	0.03	0.59	28.3	0.04	55.3	0.06	2.26	13.7	0	100.5	II
CAN190153	AJ102519	10	11	C	0.3	0	0.04	0.02	88.8	0.1	0.02	0	0.02	0	0	88.95	II
CAN190153	AJ102519	10	12	C	0.3	0.24	0.02	0.9	26.9	0.03	54.2	0.03	3.84	13.7	0.1	99.92	II
CAN190153	AJ102519	10	13	C	0.3	0.32	0.01	0.46	29.8	0.03	54.8	0	0.44	13.6	0	99.43	II
CAN190153	AJ102519	10	14	C	0.3	0.32	0.01	0.25	31.5	0.01	55.1	0.07	0.34	12	0	99.62	II
CAN190153	AJ102519	10	15	C	0.3	0.34	0	0.13	34.9	0	53.6	0.01	0.27	10.6	0	99.81	II
CAN190153	AJ102519	10	16	C	0.3	0.3	0	0.47	29.5	0	54.3	0.02	2.87	12.5	0	100	II
CAN190153	AJ102519	10	17	C	0.3	0.37	0.06	0.41	31.4	0	52.4	0.04	1.49	13.3	0	99.39	II
CAN190153	AJ102519	10	18	C	0.3	0.42	0	0.29	30.6	0.02	55.4	0.09	0.54	12.8	0	100.1	II
CAN190153	AJ102519	10	19	C	0.3	0.25	0	0.48	30.3	0.03	55.3	0.02	1.29	12.5	0	100.2	II
CAN190153	AJ102519	10	20	C	0.3	0.26	0.03	0.47	28.9	0	55.4	0.05	1.17	13.4	0	99.76	II
CAN190153	AJ102519	10	21	C	0.3	0.31	0.04	0.23	39.4	0	49.9	0.02	1.23	8.24	0	99.38	II
CAN190153	AJ102519	10	22	C	0.3	0.37	0.03	0.41	30.4	0	54.5	0.02	0.54	13.3	0	99.63	II

CAN190153 and CAN190156\_Samples From Paul Centis Claims  
Microprobe Analysis Report

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190153	AJ102519	10	23	C	0.3	0.26	0	0.32	31.9	0	55	0.01	0.6	12.2	0	100.2	II
CAN190153	AJ102519	10	24	C	0.3	0.26	0.01	0.24	32.2	0	54.4	0.03	0.38	11.9	0	99.49	II
CAN190153	AJ102519	10	25	C	0.3	0.29	0	0.21	34.6	0.01	53.8	0.02	0.38	10.9	0	100.3	II
CAN190153	AJ102519	10	26	C	0.3	0.35	0	0.25	34.9	0	53.5	0.01	0.45	10.6	0	100.1	II
CAN190153	AJ102519	10	27	C	0.3	0.32	0.02	0.19	39.9	0.02	49.8	0	1.04	8.1	0	99.36	II
CAN190153	AJ102519	10	28	C	0.3	0.36	0	0.1	39.6	0	48.2	0	2.47	7.75	0	98.45	II
CAN190153	AJ102519	10	29	C	0.3	0.32	0	0.22	34.9	0.02	53.3	0.02	0.49	10.4	0	99.68	II
CAN190153	AJ102519	10	30	C	0.3	0.25	0.01	0.34	31.1	0	55.1	0	1.24	12.2	0	100.2	II
CAN190153	AJ102519	10	31	C	0.3	0.33	0.02	0.59	27.7	0	56	0.02	0.68	14.1	0	99.48	II
CAN190153	AJ102519	10	32	C	0.3	0.31	0	0.29	31.8	0.01	54.9	0.04	0.71	11.9	0	99.91	II
CAN190153	AJ102519	10	33	C	0.3	0.25	0.01	0.51	27.9	0.03	56.5	0.02	1.05	14.2	0	100.5	II
CAN190153	AJ102519	10	34	C	0.3	0.27	0	0.74	27.6	0	56	0.01	0.74	14.1	0	99.46	II
CAN190153	AJ102519	10	35	C	0.3	0.34	0	0.11	39.9	0.02	49.6	0	0.43	8.22	0.1	98.64	II
CAN190153	AJ102519	10	36	C	0.3	0.31	0.02	0.22	36.6	0.01	50.8	0	1.58	9.81	0	99.3	II
CAN190153	AJ102519	10	37	C	0.3	0.32	0.05	0.2	34.2	0.04	53.8	0.01	0.24	10.7	0	99.54	II
CAN190153	AJ102519	10	38	C	0.3	0.28	0.08	0.41	27.2	0	57.1	0	0.79	14.3	0	100.2	II
CAN190153	AJ102519	10	39	C	0.3	0.37	0.02	0.33	29.7	0.01	55.7	0.02	0.53	13.6	0	100.3	II
CAN190153	AJ102519	10	40	C	0.3	0.25	0	0.33	32.3	0.05	54.4	0.03	0.91	11.7	0	100	II
CAN190153	AJ102519	10	41	C	0.3	0.28	0.02	0.31	30.7	0	55.3	0	0.44	13	0	100.1	II
CAN190153	AJ102519	10	42	C	0.3	0.32	0.01	0.5	29	0	56	0.06	0.53	13.4	0	99.86	II
CAN190153	AJ102519	10	43	C	0.3	0.27	0.06	0.4	29.4	0.02	56.2	0.01	0.76	13.2	0	100.4	II
CAN190153	AJ102519	10	44	C	0.3	0.53	0	0.64	27.5	0.01	55	0.05	0.88	14.7	0	99.23	II
CAN190153	AJ102519	10	45	C	0.3	0.33	0	0.3	31.4	0	54.4	0.02	0.58	11.2	0	98.31	II
CAN190153	AJ102519	10	46	C	0.3	0.24	0	0.58	27.2	0.02	54.5	0	3.51	13.6	0	99.62	II
CAN190153	AJ102519	10	47	C	0.3	0.32	0.04	0.61	25.4	0.05	56.2	0.04	2.22	15	0	99.87	II
CAN190153	AJ102519	10	48	C	0.3	0.29	0	0.15	35.3	0.02	52	0	1.44	10	0.1	99.32	II
CAN190153	AJ102519	10	49	C	0.3	0.32	0	0.26	35	0	53	0.06	0.45	10.4	0	99.48	II
CAN190153	AJ102519	10	50	C	0.3	0.32	0	0.29	30.6	0.03	56	0.02	0.53	12.7	0	100.5	II
CAN190153	AJ102519	10	51	C	0.3	0.32	0	0.19	40.8	0.06	49.6	0.02	0.83	7.6	0	99.42	II
CAN190153	AJ102519	10	52	C	0.3	0.26	0.03	0.83	27.8	0.01	56.4	0.02	0.44	14.4	0	100.1	II
CAN190153	AJ102519	10	53	C	0.3	0.27	0	0.19	32.8	0.02	53.7	0	0.32	12	0	99.34	II
CAN190153	AJ102519	10	54	C	0.3	0.29	0	0.24	33.2	0.01	54.7	0.05	0.57	11.2	0	100.3	II
CAN190153	AJ102519	10	55	C	0.3	0.3	0.01	0.27	32.6	0	55.2	0	0.38	11.7	0	100.4	II

CAN190153 and CAN190156\_Samples From Paul Centis Claims  
Microprobe Analysis Report

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190153	AJ102519	10	56	C	0.3	0.31	0.01	0.2	35.3	0.06	52.9	0.03	0.42	10.3	0	99.49	II
CAN190153	AJ102519	10	57	C	0.3	0.04	1.36	0.48	2.4	54.8	0.16	22.6	1.76	16.6	0	100.2	Cd
CAN190153	AJ102519	10	58	C	0.3	0.25	0.01	11.57	16.9	0	0.02	0	57.82	12.2	0.1	98.83	Sp
CAN190153	AJ102519	10	59	C	0.3	0.63	0.01	10.33	34.3	0.04	0.84	0	49.17	2.36	0.7	98.37	Sp
CAN190153	AJ102519	10	60	C	0.3	0.52	0	11.8	33.9	0	1.1	0	49.49	2.08	0.6	99.47	Sp
CAN190153	AJ102519	10	61	C	0.3	0.16	0.03	33	16.2	0.14	1.29	0	31.8	17.2	0.1	99.87	Sp
CAN190153	AJ102519	10	62	C	0.3	0.46	0	12.8	31.4	0.05	0.31	0	51.37	2.3	0.9	99.56	Sp
CAN190153	AJ102519	10	63	C	0.3	0.4	0.03	2.55	27.6	0.01	1.96	0.01	57.03	9.1	0.1	98.72	Sp
CAN190153	AJ102519	10	64	C	0.3	1.18	0.02	12.73	29.3	0.05	0.95	0.01	48.55	6.42	0.1	99.3	Sp
CAN190153	AJ102519	10	65	C	0.3	0.27	0	12.55	16.1	0.05	0.14	0	58.15	11.9	0.2	99.35	Sp
CAN190153	AJ106219	10	66	C	0.3	0.32	0.03	19.07	6.94	41.5	0.32	5.73	5.99	20.4	0	100.3	Ga
CAN190153	AJ106219	10	67	C	0.3	0.32	0.12	20.34	8.81	41.2	1.75	6.51	1.84	19.7	0	100.6	Ga
CAN190153	AJ106219	10	68	C	0.3	0.27	0.06	16.36	6.54	40.9	0.79	6.62	8.88	20	0	100.4	Ga
CAN190153	AJ106219	10	69	C	0.3	0.34	0.06	21.38	9.48	41.7	0.89	4.84	1.69	20.2	0	100.6	Ga
CAN190153	AJ106219	10	70	C	0.3	0.36	0.01	17.94	7.22	41.3	0.35	6.58	7.49	19.7	0	100.9	Ga
CAN190153	AJ106219	10	71	C	0.3	0.28	0.05	21.37	6.68	41.8	0.67	4.94	2.51	21.8	0	100.1	Ga
CAN190153	AJ106219	10	72	C	0.3	0.52	0.06	22.6	12.1	41.5	0.4	4.17	0.33	18.9	0	100.5	Ga
CAN190153	AJ106219	10	73	C	0.3	16.4	0	20.7	25.3	36	0.1	0.86	0	0.91	0	100.3	Ga
CAN190153	AJ106219	10	74	C	0.3	0.35	0.01	17.81	7.06	40.8	0.39	6.62	7.43	19.5	0	100.1	Ga
CAN190153	AJ106219	10	75	C	0.3	0.47	0.01	23.04	10.8	42	0.56	4.48	0.05	19.7	0	101.1	Ga
CAN190153	AJ106219	10	76	C	0.3	0.43	0.1	22.62	11.2	41.7	0.52	4.2	0.3	19.3	0	100.4	Ga
CAN190153	AJ106219	10	77	C	0.3	0.28	0.03	19.15	6.72	41.5	0.71	5.72	5.59	20.7	0	100.4	Ga
CAN190153	AJ106219	10	78	C	0.3	0.43	0.02	20.6	7.8	41.4	0.27	5.56	4.21	20.1	0	100.4	Ga
CAN190153	AJ106219	10	79	C	0.3	0.3	0.07	18.69	7.1	41.3	0.66	6.13	6.11	20.5	0	100.9	Ga
CAN190153	AJ106219	10	80	C	0.3	0.45	0.09	22.67	11	41.6	0.48	4.33	0.13	19.6	0	100.4	Ga
CAN190153	AJ106219	10	81	C	0.3	0.39	0.04	23.11	9.64	42	0.48	4.57	0.11	20.3	0	100.6	Ga
CAN190153	AJ106219	10	82	C	0.3	0.5	0.06	0.42	30	0.01	55.6	0.03	0.56	13.1	0	100.3	II
CAN190153	AJ106219	10	83	C	0.3	0.32	0	0.66	27.9	0	55.2	0.04	1.66	14.1	0.1	99.99	II
CAN190153	AJ106219	10	84	C	0.3	0.28	0	0.54	27.7	0.01	54.1	0	3.26	13.6	0	99.56	II
CAN190153	AJ106219	10	85	C	0.3	0.32	0	0.15	39.6	0.03	48.8	0.03	0.77	8.88	0	98.6	II
CAN190153	AJ106219	10	86	C	0.3	0.29	0	0.44	29.9	0.02	55.1	0.02	0.74	13.5	0	99.93	II
CAN190153	AJ106219	10	87	C	0.3	0.31	0.04	0.26	31.3	0	55.4	0	0.46	12.2	0	99.93	II
CAN190153	AJ106219	10	88	C	0.3	0.39	0	0.56	28.6	0.03	55.6	0.04	0.51	14	0	99.66	II

CAN190153 and CAN190156\_Samples From Paul Centis Claims  
Microprobe Analysis Report

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190153	AJ106219	10	89	C	0.3	0.27	0	0.43	28.6	0	56	0.02	1.13	13.7	0	100.1	II
CAN190153	AJ106219	10	90	C	0.3	0.34	0.01	0.19	36.3	0	52.4	0.01	0.48	9.59	0	99.37	II
CAN190153	AJ106219	10	91	C	0.3	0.26	0.04	0.41	28.1	0	56.3	0.01	0.96	14	0	100.2	II
CAN190153	AJ106219	10	92	C	0.3	0.3	0	0.21	36.2	0	51.8	0	0.4	9.63	0	98.61	II
CAN190153	AJ106219	10	93	C	0.3	0.48	0	0.54	26.6	0.02	57.1	0.07	0.52	15.1	0.1	100.4	II
CAN190153	AJ106219	10	94	C	0.3	0.32	0	0.28	32.3	0.01	54.8	0.01	0.29	11.7	0	99.65	II
CAN190153	AJ106219	10	95	C	0.3	0.31	0.02	0.24	34.2	0.03	53.4	0	0.46	10.9	0	99.63	II
CAN190153	AJ106219	10	96	C	0.3	0.43	0.04	0.67	26.6	0	56.1	0.05	1.5	14.5	0	99.95	II
CAN190153	AJ106219	10	97	C	0.3	0.34	0.03	0.15	36.2	0.04	52.6	0	0.29	9.97	0	99.61	II
CAN190153	AJ106219	10	98	C	0.3	0.64	0.06	0.25	24.2	0	57.1	0.08	1.13	16.3	0	99.8	II
CAN190153	AJ106219	10	99	C	0.3	0.3	0.08	0.32	30.1	0.02	55.4	0	0.5	12.8	0	99.54	II
CAN190153	AJ106219	10	100	C	0.3	0.25	0.02	0.6	30.7	0.01	53	0.02	2.82	12.2	0	99.62	II
CAN190153	AJ106219	10	101	C	0.3	0.26	0.04	0.5	28.3	0	56.1	0.02	1.12	13.7	0	100.1	II
CAN190153	AJ106219	10	102	C	0.3	0.43	0	0.33	25.3	0.02	56.5	0.07	1.48	15.7	0	99.8	II
CAN190153	AJ106219	10	103	C	0.3	0.27	0	0.31	31.2	0	55.8	0.03	0.42	12.4	0	100.5	II
CAN190153	AJ106219	10	104	C	0.3	0.27	0	0.32	28.5	0	56.5	0.01	0.36	14.1	0	100.1	II
CAN190153	AJ106219	10	105	C	0.3	0.3	0	0.25	32.6	0	54.2	0.03	0.4	11.9	0.1	99.81	II
CAN190153	AJ106219	10	106	C	0.3	0.44	0	0.58	29.2	0.03	54.9	0.07	0.43	13.9	0	99.58	II
CAN190153	AJ106219	10	107	C	0.3	0.33	0	0.18	36.8	0.02	52.5	0.04	0.35	9.72	0	99.91	II
CAN190153	AJ106219	10	108	C	0.3	0.28	0	0.22	31.5	0	54.5	0.01	0.76	12.3	0.1	99.64	II
CAN190153	AJ106219	10	109	C	0.3	0.32	0	0.16	42.3	0	48.4	0	0.76	6.97	0.1	98.93	II
CAN190153	AJ106219	10	110	C	0.3	0.5	0.01	0.42	30.3	0.02	55.8	0.04	0.59	12.7	0.1	100.4	II
CAN190153	AJ106219	10	111	C	0.3	0.34	0.04	0.3	32.1	0.02	54.9	0.02	0.45	11.6	0	99.86	II
CAN190153	AJ106219	10	112	C	0.3	0.31	0	0.35	31.8	0.03	54.7	0.02	0.77	12.1	0	100	II
CAN190153	AJ106219	10	113	C	0.3	0.28	0.04	0.25	37.7	0.04	50.6	0.03	1.44	8.85	0	99.26	II
CAN190153	AJ106219	10	114	C	0.3	0.3	0	0.35	31.7	0	54.9	0.02	0.48	12.1	0	99.84	II
CAN190153	AJ106219	10	115	C	0.3	0.28	0.09	0.46	29.5	0.02	55.4	0	1.26	13.1	0	100.1	II
CAN190153	AJ106219	10	116	C	0.3	0.34	0	0.26	34	0	53.9	0.01	0.46	10.9	0	99.86	II
CAN190153	AJ106219	10	117	C	0.3	0.28	0.01	0.29	31.6	0.01	55	0	0.56	12.1	0	99.92	II
CAN190153	AJ106219	10	118	C	0.3	0.26	0.04	0.17	35.5	0	52.4	0	0.3	10.7	0	99.36	II
CAN190153	AJ106219	10	119	C	0.3	0.33	0	0.29	34.6	0.03	51.1	0.04	0.92	11.6	0	98.78	II
CAN190153	AJ106219	10	120	C	0.3	0.33	0.01	0.59	27.3	0	55.7	0.05	1.84	14	0	99.82	II
CAN190153	AJ106219	10	121	C	0.3	0.31	0.05	0.18	34.1	0.03	53.8	0	0.24	10.9	0	99.6	II

CAN190153 and CAN190156\_Samples From Paul Centis Claims  
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ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190153	AJ106219	10	122	C	0.3	0.3	0.03	0.18	39.8	0.03	49.9	0.01	0.95	8	0	99.21	II
CAN190153	AJ106219	10	123	C	0.3	0.28	0.09	0.42	28.3	0.04	56.2	0	0.93	14.1	0	100.3	II
CAN190153	AJ106219	10	124	C	0.3	0.27	0	0.56	27.7	0	55.2	0.03	2.72	13.7	0	100.2	II
CAN190153	AJ106219	10	125	C	0.3	0.34	0.04	0.75	27.1	0.02	56.9	0.03	0.43	14.8	0	100.4	II
CAN190153	AJ106219	10	126	C	0.3	0.22	0.04	0.66	27.3	0	56.7	0.03	0.52	14.3	0	99.77	II
CAN190153	AJ106219	10	127	C	0.3	0.32	0	0.09	38.6	0	50.2	0.02	0.91	8.83	0	98.99	II
CAN190153	AJ106219	10	128	C	0.3	0.31	0.05	0.48	27.5	0	56.5	0.01	1.6	14.1	0	100.6	II
CAN190153	AJ106219	10	129	C	0.3	0.3	0.05	0.45	29	0.01	55.3	0.07	1.35	13.3	0.1	99.88	II
CAN190153	AJ106219	10	130	C	0.3	0.57	0.03	0.14	44.4	0	52.6	0	0	2.26	0	100	II
CAN190153	AJ106219	10	131	C	0.3	0.27	0.06	0.43	27.6	0.02	56.5	0.03	1.02	14	0	99.85	II
CAN190153	AJ106219	10	132	C	0.3	0.28	0.05	0.5	26.9	0.01	56.5	0.06	2.11	14.2	0.1	100.7	II
CAN190153	AJ106219	10	133	C	0.3	0.37	0	0.45	28.4	0.02	55.9	0.02	0.65	14	0	99.77	II
CAN190153	AJ106219	10	134	C	0.3	0.32	0	0.29	36.5	0	51.7	0	1.19	9.25	0.1	99.36	II
CAN190153	AJ106219	10	135	C	0.3	3.79	0	0.05	45.8	0	50.6	0	0.07	0.16	0	100.4	II
CAN190153	AJ106219	10	136	C	0.3	0.31	0	0.45	30.8	0.04	55.1	0	0.58	12.6	0	99.98	II
CAN190153	AJ106219	10	137	C	0.3	0.32	0	0.21	35.2	0.01	52.7	0	0.36	10.2	0	99.03	II
CAN190153	AJ106219	10	138	C	0.3	0.32	0.01	0.22	35	0.02	52.9	0	0.44	10.4	0.1	99.26	II
CAN190153	AJ106219	10	139	C	0.3	0.3	0	0.34	32.7	0	52.8	0.03	0.38	12.8	0	99.35	II
CAN190153	AJ106219	10	140	C	0.3	0.32	0.04	0.42	27.6	0.03	56.8	0.02	0.93	14.2	0	100.3	II
CAN190153	AJ106219	10	141	C	0.3	0.29	0	0.32	31.8	0.03	54.8	0.02	0.5	12	0	99.84	II
CAN190153	AJ106219	10	142	C	0.3	0.47	0.08	0.67	26.5	0.02	56.9	0.04	1.09	14.7	0	100.4	II
CAN190153	AJ106219	10	143	C	0.3	0.29	0.02	0.25	32.7	0	54.3	0.02	0.44	11.6	0	99.67	II
CAN190153	AJ106219	10	144	C	0.3	0.75	0.01	0.08	44.9	0.03	52.4	0	0.02	1.71	0	99.88	II
CAN190153	AJ106219	10	145	C	0.3	0.27	0.02	0.25	31.1	0	55.2	0	0.51	12.6	0	99.87	II
CAN190153	AJ106219	10	146	C	0.3	0.27	0	0.32	31.7	0.01	55	0.02	0.33	12.5	0	100.2	II
CAN190153	AJ106219	10	147	C	0.3	0.27	0	0.46	28.7	0	55.7	0.04	1.24	13.5	0	99.93	II
CAN190153	AJ106219	10	148	C	0.3	0.29	0	0.22	33.8	0	54.2	0.02	0.31	11	0	99.92	II
CAN190153	AJ106219	10	149	C	0.3	0.28	0.01	0.27	33	0.01	54.3	0.05	0.45	11.7	0.1	100.1	II
CAN190153	AJ106219	10	150	C	0.3	0.27	0.04	0.51	28.6	0	56.8	0.01	0.43	14	0	100.6	II
CAN190153	AJ106219	10	151	C	0.3	0.29	0	0.31	32.1	0	54.8	0.01	0.47	12.1	0	100.1	II
CAN190153	AJ106219	10	152	C	0.3	0.32	0.02	0.21	32.5	0.01	54.2	0	1.07	11.7	0	100.1	II
CAN190153	AJ106219	10	153	C	0.3	0.27	0	0.18	34.2	0.02	53.8	0.03	0.35	11.1	0.1	100.1	II
CAN190153	AJ106219	10	154	C	0.3	0.33	0.02	0.31	29.9	0.02	55.2	0.03	0.44	13.7	0	99.91	II

CAN190153 and CAN190156\_Samples From Paul Centis Claims  
Microprobe Analysis Report

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190153	AJ106219	10	155	C	0.3	0.28	0	0.39	30.9	0	55.1	0.01	0.73	12.8	0	100.2	II
CAN190153	AJ106219	10	156	C	0.3	0.28	0.05	0.58	28.6	0.04	54.6	0.02	2.25	13.1	0	99.56	II
CAN190153	AJ106219	10	157	C	0.3	0.47	0	0.24	31.7	0	55.2	0.03	0.29	12.1	0.1	100	II
CAN190153	AJ106219	10	158	C	0.3	0.32	0.07	0.49	27.4	0.01	56.1	0.04	0.93	14.5	0	99.85	II
CAN190153	AJ106219	10	159	C	0.3	0.31	0.01	0.29	32.1	0.04	54.5	0.03	0.44	11.7	0.1	99.44	II
CAN190153	AJ106219	10	160	C	0.3	0.27	0.01	0.51	30.8	0.02	53.3	0.02	3.07	11.8	0	99.84	II
CAN190153	AJ106219	10	161	C	0.3	0.32	0.03	0.55	28.7	0	54	0.01	3.24	13.3	0	100.3	II
CAN190153	AJ106219	10	162	C	0.3	0.34	0	0.15	35.1	0	52.6	0.02	0.46	10.3	0	98.99	II
CAN190153	AJ106219	10	163	C	0.3	0.53	0	0.06	44.4	0	52.6	0	0	2.82	0	100.5	II
CAN190153	AJ106219	10	164	C	0.3	0.29	0.03	0.29	31.9	0	54.3	0.04	0.57	12.1	0	99.49	II
CAN190153	AJ106219	10	165	C	0.3	0.25	0	0.54	33	0	54.3	0	0.22	11.2	0	99.51	II
CAN190153	AJ106219	10	166	C	0.3	0.48	0.06	11.85	15.9	0.08	0.09	0.01	58.45	12.3	0.1	99.29	Sp
CAN190153	AJ106219	10	167	C	0.3	0.34	0	10.93	19.6	0.03	0.75	0	55.77	11.9	0.1	99.48	Sp
CAN190153	AJ106219	10	168	C	0.3	0.24	0	13.28	16	0.12	0.26	0	55.6	13.8	0.1	99.34	Sp
CAN190153	AJ106219	10	169	C	0.3	0.33	0.01	15.74	19.8	0.11	0.35	0.02	51.83	11.7	0	99.83	Sp
CAN190153	AJ106219	10	170	C	0.3	1.02	0	13.32	27.4	0.11	0.29	0.02	51.63	5.4	0.2	99.44	Sp
CAN190153	AJ106219	10	171	C	0.3	0.26	0	16.91	14.9	0.03	0.14	0.02	53.96	13.3	0.2	99.69	Sp
CAN190153	AJ108619	10	172	C	0.3	0.34	0.11	21.33	9.51	41.8	0.87	4.86	1.61	20.2	0.1	100.6	Ga
CAN190153	AJ108619	10	173	C	0.3	0.41	0.13	22.28	11	41.6	0.92	4.95	0.19	19.2	0	100.7	Ga
CAN190153	AJ108619	10	174	C	0.3	0.45	0.05	19.4	7.27	41.2	0.15	5.81	5.88	19.6	0	99.78	Ga
CAN190153	AJ108619	10	175	C	0.3	0.52	0	18.94	7.76	41.2	0.15	6.19	6.81	19.1	0	100.6	Ga
CAN190153	AJ108619	10	176	C	0.3	0.35	0.11	22.07	9.44	41.5	0.67	4.94	1.06	19.9	0	100.1	Ga
CAN190153	AJ108619	10	177	C	0.3	0.43	0.04	22.88	10.8	41.8	0.51	4.49	0.21	19.7	0	100.9	Ga
CAN190153	AJ108619	10	178	C	0.3	0.29	0.01	0.17	35	0	54.3	0.03	0.51	10.1	0.1	100.5	II
CAN190153	AJ108619	10	179	C	0.3	0.32	0.02	0.32	29.2	0	56	0.04	0.48	13.8	0	100.2	II
CAN190153	AJ108619	10	180	C	0.3	0.29	0.01	0.22	34	0	54	0.04	0.43	10.9	0	99.87	II
CAN190153	AJ108619	10	181	C	0.3	0.22	0	0.51	27.7	0.01	55.2	0.01	2.08	13.8	0	99.57	II
CAN190153	AJ108619	10	182	C	0.3	0.37	0.04	0.31	30.8	0	54.8	0.02	0.42	12.7	0	99.49	II
CAN190153	AJ108619	10	183	C	0.3	0.31	0	0.32	35	0.02	52.7	0.02	0.76	10.5	0	99.69	II
CAN190153	AJ108619	10	184	C	0.3	0.29	0	0.26	37.3	0.01	51.1	0.02	0.81	9.2	0	98.93	II
CAN190153	AJ108619	10	185	C	0.3	0.25	0.05	0.39	29	0.02	56.4	0	0.93	13.5	0	100.6	II
CAN190153	AJ108619	10	186	C	0.3	0.31	0	0.2	35.5	0	52.6	0.04	0.45	10	0	99.15	II
CAN190153	AJ108619	10	187	C	0.3	0.28	0.03	0.15	41.6	0	48.8	0.02	0.76	7.31	0	98.87	II

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ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190153	AJ108619	10	188	C	0.3	0.37	0	3.11	30.4	0.02	2.25	0.01	52.81	8.46	0.1	97.55	II
CAN190153	AJ108619	10	189	C	0.3	0.23	0.03	0.44	27.9	0.02	56.3	0	1.02	13.9	0	99.83	II
CAN190153	AJ108619	10	190	C	0.3	0.28	0.02	0.22	37.2	0.01	50.5	0	1.46	9.44	0	99.06	II
CAN190153	AJ108619	10	191	C	0.3	0.27	0	0.29	32.6	0	53.9	0	1	12	0	100	II
CAN190153	AJ108619	10	192	C	0.3	0.22	0.05	0.58	30.7	0	53.2	0.06	0.74	13.4	0	98.92	II
CAN190153	AJ108619	10	193	C	0.3	0.31	0	0.37	29	0	54.9	0.01	0.93	13.2	0	98.69	II
CAN190153	AJ108619	10	194	C	0.3	0.56	0	0.07	44.2	0	52.3	0	0.04	2.73	0	99.99	II
CAN190156	AJ103719	1	78	C	0.3	0.41	0.15	21.85	9.9	41.5	0.81	4.79	0.87	19.9	0	100.2	Ga
CAN190156	AJ103719	1	79	C	0.3	0.48	0.02	20.02	7.99	41.3	0.12	5.1	5.07	20.2	0	100.3	Ga
CAN190156	AJ103719	1	80	C	0.3	0.29	0	0.79	29.5	0.03	54.5	0.06	0.5	13.7	0	99.37	II
CAN190156	AJ103719	1	81	C	0.3	0.39	0	0.75	26.9	0.02	55.6	0.05	1.92	14.3	0	99.97	II
CAN190156	AJ103719	1	82	C	0.3	0.29	0.02	0.46	30	0.01	55	0.03	0.45	13.6	0	99.89	II
CAN190156	AJ103719	1	83	C	0.3	0.28	0	0.42	31.5	0.03	54.5	0.02	0.77	12.2	0	99.78	II
CAN190156	AJ103719	1	84	C	0.3	0.25	0	0.52	29.5	0.02	54.3	0.01	2.58	12.5	0	99.72	II
CAN190156	AJ104619	1	108	C	0.3	0.32	0.01	19.05	6.62	41.6	0.24	5.92	6.17	20.9	0	100.8	Ga
CAN190156	AJ104619	1	109	C	0.3	0.35	0.05	21.36	8.49	41.7	0.64	4.9	2.07	20.7	0	100.2	Ga
CAN190156	AJ104619	1	110	C	0.3	0.27	0	21.54	6.68	41.9	0.36	4.73	2.92	21.9	0	100.3	Ga
CAN190156	AJ104619	1	111	C	0.3	0.49	0.01	21.1	7.33	41.7	0.04	4.6	4.26	21.2	0	100.7	Ga
CAN190156	AJ104619	1	112	C	0.3	0.29	0.09	21.58	7.22	41.9	0.41	4.63	3.12	21.8	0	101	Ga
CAN190156	AJ104619	1	113	C	0.3	0.32	0	0.23	38.9	0.13	49.7	0.01	1.3	8.21	0	98.8	II
CAN190156	AJ104619	1	114	C	0.3	0.32	0.08	0.13	41.1	0	48.3	0.02	0.76	7.46	0	98.23	II
CAN190156	AJ104619	1	115	C	0.3	0.4	0	0.8	27.2	0.02	55	0.03	0.93	14.7	0	99.13	II
CAN190156	AJ104619	1	116	C	0.3	0.37	0.03	0.51	28.6	0.01	54.9	0.02	0.5	14.2	0	99.14	II
CAN190156	AJ104619	1	117	C	0.3	0.29	0	0.47	27.7	0	56	0.01	1.24	14.1	0	99.76	II
CAN190156	AJ104619	1	118	C	0.3	0.33	0.04	0.45	27.8	0	55.7	0.09	0.98	14.4	0	99.78	II
CAN190156	AJ104619	1	119	C	0.3	0.35	0	0.17	35.8	0.02	52.8	0.03	0.35	9.89	0	99.42	II
CAN190156	AJ104619	1	120	C	0.3	0.28	0.02	0.6	26.9	0.04	55.5	0.06	1.7	14.3	0	99.4	II
CAN190156	AJ104619	1	121	C	0.3	0.32	0	0.22	38.7	0.02	49.8	0	1.72	8.32	0	99.09	II
CAN190156	AJ104619	1	122	C	0.3	0.29	0	0.18	34	0	52.5	0.03	0.52	11.5	0	98.94	II
CAN190156	AJ104619	1	123	C	0.3	0.32	0	0.32	30.1	0.02	55.6	0.01	0.41	13.1	0	99.84	II
CAN190156	AJ104619	1	124	C	0.3	0.26	0.04	0.48	30.4	0	54.7	0.03	1.21	12.8	0	99.91	II
CAN190156	AJ104619	1	125	C	0.3	0.3	0.02	0.57	33.1	0.01	53.3	0.01	0.29	11.4	0	99.02	II
CAN190156	AJ104619	1	126	C	0.3	0.29	0.04	0.61	27.5	0.04	54.6	0.03	2.93	13.5	0.1	99.7	II

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ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190156	AJ104619	1	127	C	0.3	0.29	0.03	0.27	32.3	0	54	0	0.38	11.7	0	98.98	II
CAN190156	AJ104619	1	128	C	0.3	0.29	0.01	0.41	31	0	54.6	0.01	0.52	12.5	0	99.29	II
CAN190156	AJ104619	1	129	C	0.3	0.29	0.08	0.21	38.6	0	49.9	0	1.3	8.33	0	98.73	II
CAN190156	AJ104619	1	130	C	0.3	0.26	0.01	0.28	31.4	0.03	54.8	0.03	0.41	12.2	0	99.34	II
CAN190156	AJ104619	1	131	C	0.3	0.25	0.01	0.47	28.8	0.03	55.1	0.01	1.16	13.1	0.1	99.07	II
CAN190156	AJ104619	1	132	C	0.3	0.32	0	0.17	35.8	0.02	52.2	0.03	0.42	10	0	98.96	II
CAN190156	AJ104619	1	133	C	0.3	0.27	0.01	0.6	28.9	0	54.6	0.02	1.5	13.4	0	99.33	II
CAN190156	AJ104619	1	134	C	0.3	0.29	0	0.38	34.8	0	53.3	0.03	0.1	10.6	0.1	99.65	II
CAN190156	AJ104619	1	135	C	0.3	0.28	0.1	0.47	27.4	0.02	55.5	0.01	1.38	13.9	0	99.1	II
CAN190156	AJ104619	1	136	C	0.3	0.32	0	13.67	20.2	0.08	0.35	0	53.61	11.1	0.1	99.39	Sp
CAN190156	AJ104619	1	137	C	0.3	0.23	0	24.43	20.2	0.15	1.72	0	36.58	15.4	0.1	98.77	Sp
CAN190156	AJ104619	1	138	C	0.3	0.28	0.02	15.83	15.4	0.03	0.08	0.01	54.59	13.4	0.2	99.78	Sp
CAN190156	AJ104619	1	139	C	0.3	0.28	0	13.35	21.1	0.04	0.47	0.03	52.65	11.4	0.2	99.53	Sp
CAN190156	AJ104619	1	140	C	0.3	0.59	0.04	11.45	33.6	0.05	1.37	0	47.21	4.35	0.3	98.98	Sp
CAN190156	AJ104619	1	141	C	0.3	0.41	0	12.05	26.3	0.06	0.37	0	52.75	7.58	0	99.59	Sp
CAN190156	AJ109219	1	151	C	0.3	0.51	0.04	20.24	7.66	41.4	0.04	5.02	5.48	20.1	0	100.5	Ga
CAN190156	AJ109219	1	152	C	0.3	0.3	0.02	19.44	6.74	41.8	0.83	5.62	4.5	21.2	0	100.5	Ga
CAN190156	AJ109219	1	153	C	0.3	0.37	0.07	22.9	10.1	41.9	0.54	4.4	0.29	20.1	0	100.6	Ga
CAN190156	AJ109219	1	154	C	0.3	0.26	0.07	21.07	7.48	42.1	0.74	5	2.35	21.3	0	100.4	Ga
CAN190156	AJ109219	1	155	C	0.3	0.31	0.04	21.5	6.55	41.9	0.46	4.71	3.15	21.5	0	100.1	Ga
CAN190156	AJ109219	1	156	C	0.3	0.36	0.03	19.26	7.02	41.3	0.25	5.33	6.01	20.6	0	100.1	Ga
CAN190156	AJ109219	1	157	C	0.3	0.28	0.01	19.9	6.31	41.3	0.35	5.26	4.92	21.3	0	99.63	Ga
CAN190156	AJ109219	1	158	C	0.3	0.34	0.06	21.58	8.52	41.5	0.73	4.72	1.89	20.7	0	100.1	Ga
CAN190156	AJ109219	1	159	C	0.3	0.29	0.04	21.3	6.96	41.6	0.38	4.95	3.05	21.3	0	99.87	Ga
CAN190156	AJ109219	1	160	C	0.3	0.29	0.02	19.95	6.59	41.7	0.37	5.55	4.76	20.9	0	100.1	Ga
CAN190156	AJ109219	1	161	C	0.3	0.24	0.04	21.88	6.7	41.8	0.28	4.64	2.68	22	0	100.2	Ga
CAN190156	AJ109219	1	162	C	0.3	0.33	0.04	20.31	7.51	41.6	0.3	5.34	4.76	20.7	0	100.9	Ga
CAN190156	AJ109219	1	163	C	0.3	0.23	0	0.49	28.7	0.04	55.6	0	1.1	13.6	0	99.74	II
CAN190156	AJ109219	1	164	C	0.3	0.37	0.03	0.23	33.1	0	53.6	0.01	0.47	11.7	0	99.5	II
CAN190156	AJ109219	1	165	C	0.3	0.43	0	0.5	26.4	0	56.4	0.05	1.38	14.4	0	99.55	II
CAN190156	AJ109219	1	166	C	0.3	0.41	0	0.38	30.2	0.01	53.9	0.03	0.76	13.3	0	98.97	II
CAN190156	AJ109219	1	167	C	0.3	0.25	0	0.52	29.4	0.01	54.9	0.03	1.45	13.3	0	99.81	II
CAN190156	AJ109219	1	168	C	0.3	0.3	0	0.2	38.1	0	49.6	0	1.35	8.97	0.1	98.54	II



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ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190156	AJ109219	1	169	C	0.3	0.65	0	0.16	30.9	0	54.5	0.02	1.29	11.8	0	99.37	II
CAN190156	AJ109219	1	170	C	0.3	0.26	0.01	0.38	28.5	0.03	55.9	0.02	0.98	13.7	0	99.82	II
CAN190156	AJ109219	1	171	C	0.3	0.33	0	0.28	36.5	0.02	51.2	0	1.11	9.25	0	98.7	II
CAN190156	AJ109219	1	172	C	0.3	0.42	0	0.06	38.7	0.04	48.4	0	2.69	8.05	0	98.29	II
CAN190156	AJ109219	1	173	C	0.3	0.29	0	0.52	28.2	0.02	54.5	0.04	2.8	13.3	0	99.65	II
CAN190156	AJ109219	1	174	C	0.3	0.32	0	0.17	36.6	0	51.7	0.01	0.31	9.6	0	98.71	II
CAN190156	AJ109219	1	175	C	0.3	0.3	0	0.13	40.5	0	49.3	0	0.79	7.69	0	98.72	II
CAN190156	AJ109219	1	176	C	0.3	0.34	0	0.19	35.7	0.02	52	0.01	0.3	10.4	0	98.96	II
CAN190156	AJ109219	1	177	C	0.3	0.29	0	0.54	27.2	0.01	54.3	0.04	2.87	13.8	0	98.99	II
CAN190156	AJ109219	1	178	C	0.3	0.34	0	0.38	31	0.02	54.1	0.13	0.78	12.7	0	99.46	II
CAN190156	AJ109219	1	179	C	0.3	0.26	0	0.35	31.7	0.02	54.2	0	0.47	12.1	0	99.17	II
CAN190156	AJ109219	1	180	C	0.3	0.28	0.03	0.52	29	0.04	54.8	0	1.01	13.5	0.1	99.23	II
CAN190156	AJ109219	1	181	C	0.3	0.34	0.02	0.32	31.5	0	53.7	0.03	0.45	12.8	0	99.19	II
CAN190156	AJ109219	1	182	C	0.3	0.29	0	0.22	33.1	0	53.5	0.01	0.38	11.7	0	99.11	II
CAN190156	AJ109219	1	183	C	0.3	0.3	0	0.36	31.6	0	54.5	0.01	0.48	11.9	0	99.19	II
CAN190156	AJ109219	1	184	C	0.3	0.34	0	0.38	28.4	0.01	55.8	0	0.81	13.7	0	99.41	II
CAN190156	AJ109219	1	185	C	0.3	0.33	0	0.26	32.5	0.04	54	0.02	0.33	11.7	0	99.21	II
CAN190156	AJ109219	1	186	C	0.3	0.24	0.02	0.53	28.4	0	55.1	0.01	1.65	13.6	0	99.59	II
CAN190156	AJ109219	1	187	C	0.3	0.32	0.01	0.29	32	0.04	54.4	0.02	0.34	11.7	0	99.11	II
CAN190156	AJ109219	1	188	C	0.3	0.31	0.01	0.29	32.1	0.03	53.7	0.02	0.72	11.9	0	99.11	II
CAN190156	AJ109219	1	189	C	0.3	0.36	0.05	0.34	29.4	0.03	54.8	0.03	0.55	13.3	0.1	98.88	II
CAN190156	AJ109219	1	190	C	0.3	0.3	0.03	0.59	31.7	0.02	54.3	0	0.14	12.5	0	99.55	II
CAN190156	AJ109219	1	191	C	0.3	0.3	0.02	0.34	30.3	0.02	55	0.02	0.58	12.7	0	99.28	II
CAN190156	AJ109219	1	192	C	0.3	0.34	0	0.49	31.4	0.02	52.6	0.03	0.49	13.1	0	98.53	II
CAN190156	AJ109219	1	193	C	0.3	0.29	0	0.25	33.5	0.01	52.8	0	0.55	11.2	0	98.68	II
CAN190156	AJ109219	1	194	C	0.3	0.25	0	0.47	29.6	0.04	55.4	0.03	0.72	13.1	0	99.6	II
CAN190156	AJ109219	1	195	C	0.3	0.3	0	0.16	42.9	0.03	47.4	0.03	0.75	6.8	0	98.38	II
CAN190156	AJ109219	1	196	C	0.3	0.3	0	0.13	37.8	0.01	49.8	0.03	0.88	9.47	0	98.38	II
CAN190156	AJ109219	2	1	C	0.3	0.27	0.02	0.17	33.9	0	53.2	0	0.32	10.9	0	98.72	II
CAN190156	AJ109219	2	2	C	0.3	0.25	0.02	0.53	29.6	0.05	53.6	0.01	2.72	12.6	0	99.41	II
CAN190156	AJ109219	2	3	C	0.3	0.36	0.08	0.27	34.9	0	51.1	0.04	1.16	10.4	0	98.3	II
CAN190156	AJ109219	2	4	C	0.3	0.33	0	0.19	35.3	0.01	52.3	0	0.36	10.3	0	98.74	II
CAN190156	AJ109219	2	5	C	0.3	0.29	0.04	0.18	39.5	0	49.4	0.02	0.91	7.82	0	98.14	II

CAN190153 and CAN190156\_Samples From Paul Centis Claims  
Microprobe Analysis Report

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190156	AJ109219	2	6	C	0.3	0.26	0	0.46	27.4	0.02	56.4	0	0.64	14.3	0	99.5	II
CAN190156	AJ109219	2	7	C	0.3	0.3	0	0.24	33.5	0	53.5	0	0.35	10.8	0	98.74	II
CAN190156	AJ109219	2	8	C	0.3	0.35	0.06	0.43	28	0.01	55.5	0.07	0.91	14	0	99.37	II
CAN190156	AJ109219	2	9	C	0.3	0.3	0	0.34	30.3	0.03	54.2	0.02	0.66	13.3	0	99.14	II
CAN190156	AJ109219	2	10	C	0.3	0.27	0	0.43	28.2	0.03	55.5	0.01	0.9	14	0	99.34	II
CAN190156	AJ109219	2	11	C	0.3	0.25	0	0.58	27.8	0.03	55.1	0.01	1.64	13.9	0	99.28	II
CAN190156	AJ109219	2	12	C	0.3	0.31	0	0.41	31.3	0	54.1	0.02	0.61	12	0	98.76	II
CAN190156	AJ109219	2	13	C	0.3	0.25	0.01	0.5	27	0.03	55.5	0.04	1.89	14	0	99.17	II
CAN190156	AJ109219	2	14	C	0.3	0.23	0.02	0.58	28.4	0.02	54.8	0.01	2.01	13.4	0.1	99.49	II
CAN190156	AJ109219	2	15	C	0.3	0.29	0.05	0.5	29.8	0.02	54.1	0.01	0.39	13.2	0	98.36	II
CAN190156	AJ109219	2	16	C	0.3	0.29	0.04	0.25	33.4	0	53.1	0	0.42	11.1	0	98.53	II
CAN190156	AJ109219	2	17	C	0.3	0.22	0.04	0.52	27.4	0	55.8	0.08	1.21	14.4	0	99.67	II
CAN190156	AJ109219	2	18	C	0.3	0.31	0	0.35	31.3	0.01	53.9	0.03	0.54	12.4	0	98.88	II
CAN190156	AJ109219	2	19	C	0.3	0.32	0	0.22	32.3	0.01	54.3	0	0.32	11.4	0	98.96	II
CAN190156	AJ109219	2	20	C	0.3	0.31	0	0.31	30.3	0.01	54.6	0.02	0.47	12.6	0	98.61	II
CAN190156	AJ109219	2	21	C	0.3	0.28	0.01	0.45	27.5	0.04	55.9	0	1.18	14.2	0	99.54	II
CAN190156	AJ109219	2	22	C	0.3	0.42	0	0.32	28.9	0	54.9	0.02	0.49	13.9	0	98.87	II
CAN190156	AJ109219	2	23	C	0.3	0.54	0	0.48	26.8	0.03	55.6	0.07	0.54	15.1	0	99.09	II
CAN190156	AJ109219	2	24	C	0.3	0.2	0.02	0.62	27.1	0	55.6	0	1.99	14.3	0	99.98	II
CAN190156	AJ109219	2	25	C	0.3	0.32	0.07	0.25	31.9	0	54.1	0	0.63	11.7	0.1	98.95	II
CAN190156	AJ109219	2	26	C	0.3	0.36	0.03	0.34	29.7	0.02	55	0.02	0.28	13.3	0	98.97	II
CAN190156	AJ109219	2	27	C	0.3	0.35	0	0.15	36.2	0	51.4	0.01	0.34	9.6	0	98.03	II
CAN190156	AJ109219	2	28	C	0.3	0.36	0.05	0.54	28.5	0	55.4	0.1	0.32	14.4	0	99.69	II
CAN190156	AJ109219	2	29	C	0.3	0.38	0	6.27	23.8	0.05	5.6	0.01	49.65	12.7	0.1	98.48	Sp
CAN190156	AJ109219	2	30	C	0.3	0.32	0	8.09	24.4	0.03	0.69	0.01	55.3	9.49	0.1	98.4	Sp
CAN190156	AJ109219	2	31	C	0.3	0.22	0.05	0.56	29.1	0.02	54.3	0.05	1.44	13.3	0	99.05	Sp
CAN190156	AJ110019	2	64	C	0.3	0.51	0.01	21.22	8.83	41.3	0.12	5.25	3.65	19.7	0	100.5	Ga
CAN190156	AJ110019	2	65	C	0.3	0.51	0.03	19.94	7.76	40.8	0.26	5.29	4.84	19.9	0	99.35	Ga
CAN190156	AJ110019	2	66	C	0.3	0.51	0.02	19.1	8.75	40.7	0.16	6.3	6.38	18.4	0	100.3	Ga
CAN190156	AJ110019	2	67	C	0.3	0.39	0.05	17.83	7.45	40.9	0.53	5.62	7.22	19.7	0	99.68	Ga
CAN190156	AJ110019	2	68	C	0.3	0.31	0.03	20.59	6.57	41.6	0.51	4.82	3.77	21.8	0	100	Ga
CAN190156	AJ110019	2	69	C	0.3	0.29	0.12	17.73	8.91	40.6	1.09	5.89	6.21	19.3	0	100.2	Ga
CAN190156	AJ110019	2	70	C	0.3	0.33	0.09	20.94	7.46	41.8	0.39	4.81	3.45	21.1	0	100.4	Ga

CAN190153 and CAN190156\_Samples From Paul Centis Claims  
Microprobe Analysis Report

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190156	AJ110019	2	71	C	0.3	0.34	0.03	19.36	7.54	41.5	0.7	5.62	4.88	20.4	0	100.4	Ga
CAN190156	AJ110019	2	72	C	0.3	0.32	0	18.44	6.46	41.6	0.86	5.73	5.86	21.1	0	100.4	Ga
CAN190156	AJ110019	2	73	C	0.3	0.31	0.06	20.29	7.72	41.4	0.75	5.26	3.54	20.9	0	100.1	Ga
CAN190156	AJ110019	2	74	C	0.3	1.5	0	21.21	36.5	36.8	0.03	0.39	0	3.66	0.1	100.2	Ga
CAN190156	AJ110019	2	75	C	0.3	0.27	0.06	21.6	9.2	41.4	0.69	4.87	1.63	20	0.1	99.75	Ga
CAN190156	AJ110019	2	76	C	0.3	6.54	0	20.83	34.6	36.1	0.04	0.41	0	1.65	0.1	100.2	Ga
CAN190156	AJ110019	2	77	C	0.3	2.85	0.02	20.97	36.3	36.3	0.02	0.76	0.02	2.82	0	100.1	Ga
CAN190156	AJ110019	2	78	C	0.3	0.32	0.01	0.18	37	0	50.8	0.01	0.74	9.5	0	98.54	II
CAN190156	AJ110019	2	79	C	0.3	0.31	0.04	0.29	31.5	0.03	54.3	0.06	0.48	12	0	99.03	II
CAN190156	AJ110019	2	80	C	0.3	0.29	0	0.24	32	0.02	54.6	0.03	0.43	11.9	0	99.49	II
CAN190156	AJ110019	2	81	C	0.3	0.28	0	0.12	39.7	0	48.6	0	0.8	8.68	0	98.2	II
CAN190156	AJ110019	2	82	C	0.3	0.29	0.03	0.57	26.6	0.04	55.8	0.02	1.55	14.6	0	99.5	II
CAN190156	AJ110019	2	83	C	0.3	0.3	0.06	0.42	27.4	0	56.3	0.04	1.39	14.3	0	100.1	II
CAN190156	AJ110019	2	84	C	0.3	0.29	0.1	0.41	28	0	55.5	0	0.84	13.9	0	99.02	II
CAN190156	AJ110019	2	85	C	0.3	0.24	0.04	0.52	27.1	0.02	55.8	0.01	1.31	14.5	0	99.47	II
CAN190156	AJ110019	2	86	C	0.3	0.29	0	0.25	34.5	0	51.8	0	1.21	10.6	0	98.66	II
CAN190156	AJ110019	2	87	C	0.3	0.28	0.1	0.55	27.2	0	54.8	0.05	3.56	13.4	0.1	99.95	II
CAN190156	AJ110019	2	88	C	0.3	0.31	0.01	0.46	29.8	0.02	54.9	0.03	0.86	13	0	99.44	II
CAN190156	AJ110019	2	89	C	0.3	0.31	0	0.29	32.6	0.01	53.8	0.01	0.35	11.6	0	99	II
CAN190156	AJ110019	2	90	C	0.3	0.27	0.05	0.55	33.4	0.04	53.6	0.03	0.48	11.3	0	99.72	II
CAN190156	AJ110019	2	91	C	0.3	0.28	0.02	0.43	30.1	0	55	0	0.66	12.8	0	99.3	II
CAN190156	AJ110019	2	92	C	0.3	0.31	0	0.19	36.2	0	51.6	0.04	0.35	9.74	0	98.48	II
CAN190156	AJ110019	2	93	C	0.3	0.31	0	0.24	31.2	0	54.2	0.02	0.33	12.4	0	98.74	II
CAN190156	AJ110019	2	94	C	0.3	0.29	0	0.37	30.6	0	55.1	0.03	0.5	12.7	0	99.53	II
CAN190156	AJ110019	2	95	C	0.3	0.22	0	0.88	27	0	52.5	0.06	5.18	13.5	0	99.27	II
CAN190156	AJ110019	2	96	C	0.3	0.31	0.02	0.28	32.6	0	54	0.02	0.45	11.7	0	99.34	II
CAN190156	AJ110019	2	97	C	0.3	0.24	0.04	0.39	30	0.06	54.8	0.03	0.85	12.9	0	99.37	II
CAN190156	AJ110019	2	98	C	0.3	0.35	0	0.2	34.4	0	52.5	0.02	0.46	11	0	98.96	II
CAN190156	AJ110019	2	99	C	0.3	0.34	0	0.23	32.9	0	53	0.01	0.34	11.7	0	98.57	II
CAN190156	AJ110019	2	100	C	0.3	0.2	0	0.54	28.5	0.02	54.5	0	2.35	13.2	0	99.33	II
CAN190156	AJ110019	2	101	C	0.3	0.27	0.02	0.44	34	0.06	50.8	0	2.15	10.6	0	98.32	II
CAN190156	AJ110019	2	102	C	0.3	0.29	0.01	0.23	37.6	0	50.1	0	1.47	9.08	0	98.81	II
CAN190156	AJ110019	2	103	C	0.3	0.28	0	0.59	28	0.01	53.2	0	3.88	13.1	0	99.04	II

CAN190153 and CAN190156\_Samples From Paul Centis Claims  
Microprobe Analysis Report

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190156	AJ110019	2	104	C	0.3	0.28	0.05	0.32	31.7	0.01	54.8	0.02	0.55	12.2	0	99.91	II
CAN190156	AJ110019	2	105	C	0.3	0.24	0	13.06	16.2	0.02	0.34	0	57.2	12.6	0.1	99.77	Sp
CAN190156	AJ110019	2	106	C	0.3	0.28	0.01	19.15	15.7	0.06	0.09	0	51.35	13.6	0.2	100.4	Sp
CAN190156	AJ110019	2	107	C	0.3	0.26	0	11.19	19.4	0.03	1.23	0.01	54.84	12.3	0.1	99.36	Sp
CAN190156	AJ110019	2	108	C	0.3	0.35	0.03	0.38	35	0.02	50.6	0.01	1	11.1	0.1	98.49	Sp
CAN190156	AJ110119	2	109	C1	0.3	0.28	0	0.33	30.4	0.02	55.2	0.08	0.53	12.7	0	99.57	II
CAN190156	AJ110119	2	110	C2	0.3	0.33	0.01	0.17	36.3	0	52.3	0.01	0.28	9.97	0.1	99.34	II
CAN190156	AJ110119	2	111	C	0.3	0.27	0.02	0.46	28.8	0	55.5	0.01	1.16	13.7	0.1	99.94	II
CAN190156	AJ110119	2	112	C	0.3	0.42	0	0.46	28.2	0	55.7	0.02	0.91	14.2	0	99.9	II
CAN190156	AJ110119	2	113	C	0.3	0.29	0	0.37	32.2	0	54.3	0.05	0.56	11.7	0	99.42	II
CAN190156	AJ110119	2	114	C	0.3	0.34	0	0.3	31.4	0.05	54.9	0.01	0.46	11.6	0	99.01	II
CAN190156	AJ110119	2	115	C	0.3	0.3	0	0.52	31.5	0	53.5	0	1.98	11.9	0	99.72	II
CAN190156	AJ110119	2	116	C	0.3	0.25	0.04	0.54	27.2	0.01	54.6	0.01	3.14	14	0	99.77	II
CAN190156	AJ110119	2	117	C	0.3	0.32	0	0.43	30.2	0	54.7	0.03	0.64	12.9	0	99.19	II
CAN190156	AJ110119	2	118	C	0.3	0.31	0	0.17	37.1	0	50.8	0.05	0.7	9.46	0	98.63	II
CAN190156	AJ110119	2	119	C	0.3	0.4	0	2.11	30	0	2.81	0	54.45	8.27	0.1	98.18	Sp
CAN190156	AJ110119	2	120	C	0.3	0.25	0.04	19.71	14.2	0.02	0.64	0	50.56	14.9	0.2	100.4	Sp
CAN190156	AJ110119	2	121	C	0.3	0.29	0	14.42	15.6	0	0	0	56.54	12.7	0.1	99.65	Sp
CAN190156	AJ110119	2	122	C	0.3	0.25	0	10.42	20.1	0.1	0.45	0	55.14	12.9	0	99.38	Sp
CAN190156	AJ110119	2	123	C	0.3	0.24	0	12.7	17.7	0.1	0.36	0	54.68	13.1	0	98.88	Sp
CAN190156	AJ110119	2	124	C	0.3	0.26	0	13.5	15	0.12	0.27	0.03	55.25	14.8	0.1	99.2	Sp
CAN190156	AJ110119	2	125	C	0.3	0.22	0	10.63	17.1	0.04	0.41	0	57.14	13.9	0	99.46	Sp
CAN190156	AJ110419	2	126	C	0.3	0.44	0.02	19.82	7.32	41.4	0.13	5.33	5.76	20.3	0	100.5	Ga
CAN190156	AJ110419	2	127	C	0.3	0.26	0.04	21.06	7.99	41.7	0.86	5.01	2.01	21.1	0	99.95	Ga
CAN190156	AJ110419	2	128	C	0.3	0.45	0.13	22.35	11.2	41.5	0.82	4.46	0.18	19.2	0	100.3	Ga
CAN190156	AJ110419	2	129	C1	0.3	0.34	0.06	12.61	7.03	39.4	1.35	8.13	12.79	18	0	99.71	Ga
CAN190156	AJ110419	2	130	C	0.3	0.4	0.07	22.65	10.8	41.6	0.55	4.46	0.13	20	0	100.6	Ga
CAN190156	AJ110419	2	131	C	0.3	0.29	0.06	20.94	6.49	41.8	0.48	4.8	3.42	22	0	100.3	Ga
CAN190156	AJ110419	2	132	C	0.3	0.34	0.02	21.12	7.85	41.8	0.37	4.74	3.32	20.9	0	100.4	Ga
CAN190156	AJ110419	2	133	C	0.3	0.31	0.06	21.37	6.98	41.7	0.6	4.86	2.68	21.4	0	99.96	Ga
CAN190156	AJ110419	2	134	C	0.3	0.27	0.04	20.49	8.16	41.5	0.69	5.28	3.13	20.7	0	100.3	Ga
CAN190156	AJ110419	2	135	C	0.3	0.49	0.02	17.25	10.4	39.9	0.28	7.17	7.64	16.3	0	99.42	Ga
CAN190156	AJ110419	2	136	C	0.3	0.46	0.06	20.62	8.27	41.4	0.26	5.31	4.13	20	0	100.5	Ga

CAN190153 and CAN190156\_Samples From Paul Centis Claims  
Microprobe Analysis Report

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190156	AJ110419	2	137	C	0.3	0.41	0.06	22.91	11.7	41.6	0.44	4.08	0.09	19.1	0	100.4	Ga
CAN190156	AJ110419	2	138	C	0.3	0.46	0.03	20.37	8.24	41.8	0.09	5.65	4.75	19.5	0	100.9	Ga
CAN190156	AJ110419	2	139	C	0.3	0.34	0.02	19.45	6.97	41.7	0.6	5.47	5.08	20.6	0	100.2	Ga
CAN190156	AJ110419	2	140	C1	0.3	0.27	0.02	21.08	7.79	41.4	0.78	5.1	2.34	21.2	0	99.97	Ga
CAN190156	AJ110419	2	141	C	0.3	0.37	0.06	20.64	6.98	41.9	0.32	4.81	4.45	21.3	0	100.8	Ga
CAN190156	AJ110419	2	142	C	0.3	0.44	0.08	22.51	11.2	41.4	0.7	4.53	0.14	19.5	0	100.5	Ga
CAN190156	AJ110419	2	143	C	0.3	0.32	0.09	19.83	7.05	41.6	0.57	5.49	4.71	20.8	0.1	100.6	Ga
CAN190156	AJ110419	2	144	C	0.3	0.36	0.03	21.21	8.55	41.8	0.71	4.94	2.23	20.6	0.1	100.5	Ga
CAN190156	AJ110419	2	145	C	0.3	0.37	0.03	21.32	6.62	41.7	0.21	4.87	3.45	21.7	0	100.3	Ga
CAN190156	AJ110419	2	146	C	0.3	0.32	0.06	20.89	7.27	41.7	0.66	5.04	3.4	21.2	0	100.6	Ga
CAN190156	AJ110419	2	147	C	0.3	0.33	0.02	18.85	6.39	41.4	0.64	5.84	6.04	20.7	0	100.2	Ga
CAN190156	AJ110419	2	148	C	0.3	0.42	0.06	22.79	11	41.2	0.52	4.22	0.16	19.4	0	99.79	Ga
CAN190156	AJ110419	2	149	C	0.3	0.25	0.01	19.86	6.7	41.6	0.82	5.42	3.81	21.3	0	99.77	Ga
CAN190156	AJ110419	2	150	C	0.3	0.29	0.05	20.84	7.97	41.3	0.74	5.25	2.88	20.8	0	100.1	Ga
CAN190156	AJ110419	2	151	C	0.3	1.44	0	21.24	36.4	36.7	0.02	0.66	0.01	3.85	0	100.4	Ga
CAN190156	AJ110419	2	152	C	0.3	0.33	0.08	20.6	8.32	41.4	0.88	5.29	2.92	20.4	0	100.2	Ga
CAN190156	AJ110419	2	153	C	0.3	0.34	0	0.21	36	0	50.4	0	1.13	10.6	0	98.68	II
CAN190156	AJ110419	2	154	C	0.3	0.37	0	0.06	37.7	0	47	0.01	4.46	8.71	0	98.27	II
CAN190156	AJ110419	2	155	C	0.3	0.31	0	0.17	33.7	0.01	52.4	0.05	0.3	11.6	0	98.51	II
CAN190156	AJ110419	2	156	C	0.3	0.32	0.02	0.25	32.7	0	53.4	0.01	0.42	12.1	0	99.18	II
CAN190156	AJ110419	2	157	C	0.3	0.64	0	0.35	29	0.04	55.4	0.04	1.01	13.1	0	99.49	II
CAN190156	AJ110419	2	158	C1	0.3	0.33	0	0.41	29.8	0	54.4	0.06	0.54	13.6	0	99.09	II
CAN190156	AJ110419	2	159	C	0.3	0.37	0	0.44	28.3	0	55.6	0.04	0.44	14.2	0	99.49	II
CAN190156	AJ110419	2	160	C	0.3	0.29	0	0.17	35	0	52.1	0	0.33	10.9	0	98.75	II
CAN190156	AJ110419	2	161	C	0.3	0.34	0	0.19	36.1	0	51.3	0.03	0.49	9.77	0	98.24	II
CAN190156	AJ110419	2	162	C	0.3	0.31	0	0.12	40.7	0	49.2	0.01	0.75	7.51	0.1	98.59	II
CAN190156	AJ110419	2	163	C	0.3	0.32	0.02	0.15	41.9	0.02	48.5	0.01	0.77	7.08	0	98.73	II
CAN190156	AJ110419	2	164	C	0.3	0.34	0.01	1.49	44.6	0.04	4	0	40.88	5.62	0.2	97.19	II
CAN190156	AJ110419	2	165	C	0.3	0.22	0.01	0.56	28.3	0.03	55.6	0.04	1.52	13.9	0	100.2	II
CAN190156	AJ110419	2	166	C	0.3	0.23	0	0.79	29.4	0	54.1	0.04	0.48	14	0	99.04	II
CAN190156	AJ110419	2	167	C	0.3	0.3	0	0.17	40.5	0	49	0	0.84	7.68	0	98.48	II
CAN190156	AJ110419	2	168	C	0.3	0.26	0.04	0.47	29.8	0	53.1	0.02	2.7	12.7	0	99.1	II
CAN190156	AJ110419	2	169	C	0.3	0.36	0	0.28	35	0	50.7	0	1.41	10.6	0	98.38	II

CAN190153 and CAN190156\_Samples From Paul Centis Claims  
Microprobe Analysis Report

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190156	AJ110419	2	170	C	0.3	0.31	0	0.23	33.9	0.02	53	0	0.67	10.8	0	98.96	II
CAN190156	AJ110419	2	171	C	0.3	0.33	0.02	0.34	32.1	0.01	53.5	0	0.92	11.8	0	99.02	II
CAN190156	AJ110419	2	172	C	0.3	0.28	0	0.45	28	0	56.1	0	0.92	14.1	0	99.8	II
CAN190156	AJ110419	2	173	C	0.3	0.29	0.05	0.31	30.3	0.03	55.4	0.04	0.48	12.9	0	99.68	II
CAN190156	AJ110419	2	174	C	0.3	0.27	0	0.62	28.3	0.03	55.2	0.01	1.36	13.9	0.1	99.73	II
CAN190156	AJ110419	2	175	C	0.3	0.3	0.01	0.3	31.3	0	54.6	0.01	0.43	12.3	0	99.27	II
CAN190156	AJ110419	2	176	C	0.3	0.25	0	0.45	29.1	0.03	55.6	0.05	1.07	13.5	0	100.1	II
CAN190156	AJ110419	2	177	C	0.3	0.36	0	0.42	29.2	0.01	55.1	0.03	0.68	13.9	0	99.74	II
CAN190156	AJ110419	2	178	C	0.3	0.31	0	0.3	32.6	0	53.9	0.04	0.54	12	0	99.71	II
CAN190156	AJ110419	2	179	C	0.3	0.34	0	0.63	29.4	0.03	54.9	0.02	0.48	13.7	0	99.56	II
CAN190156	AJ110419	2	180	C	0.3	0.27	0	0.47	27.8	0.03	55	0.05	2.13	13.8	0.1	99.59	II
CAN190156	AJ110419	2	181	C	0.3	0.25	0	0.62	27	0.01	55.8	0	1.49	14.3	0	99.46	II
CAN190156	AJ110419	2	182	C	0.3	0.32	0	0.17	34.4	0	52.6	0	0.32	11.2	0.1	99.11	II
CAN190156	AJ110419	2	183	C	0.3	0.3	0.01	0.62	26.5	0.06	55.1	0.02	2.74	14.1	0	99.46	II
CAN190156	AJ110419	2	184	C	0.3	0.3	0	0.15	37.1	0.04	51.3	0	0.31	9.6	0	98.88	II
CAN190156	AJ110419	2	185	C	0.3	0.32	0	0.16	36.9	0	51.4	0.03	0.34	9.61	0	98.74	II
CAN190156	AJ110419	2	186	C	0.3	0.31	0.02	0.45	31.5	0	54.4	0.04	0.69	12.1	0	99.55	II
CAN190156	AJ110419	2	187	C	0.3	0.28	0.01	0.17	38.8	0.01	49.4	0	0.76	8.45	0	97.84	II
CAN190156	AJ110419	2	188	C	0.3	0.34	0	0.3	32.7	0	54.1	0	0.57	11.6	0.1	99.55	II
CAN190156	AJ110419	2	189	C	0.3	0.25	0.01	0.53	27.4	0	55.5	0.01	1.6	13.7	0	99.05	II
CAN190156	AJ110419	2	190	C	0.3	0.31	0	0.18	40.7	0.02	48.6	0.01	0.77	7.41	0	98.05	II
CAN190156	AJ110419	2	191	C	0.3	0.35	0.06	0.23	33.1	0.01	53	0.02	0.47	11.2	0	98.58	II
CAN190156	AJ110419	2	192	C	0.3	0.27	0	0.54	29.6	0.02	53.7	0	2.52	12.3	0	98.88	II
CAN190156	AJ110419	2	193	C	0.3	0.31	0.01	0.2	36.9	0	51.5	0.02	0.38	9.72	0	99.02	II
CAN190156	AJ110419	2	194	C	0.3	0.3	0	0.4	29.2	0.05	55.3	0.03	0.97	13.2	0	99.47	II
CAN190156	AJ110419	2	195	C	0.3	0.35	0.01	0.4	29.6	0.02	54.9	0.05	0.43	13.7	0	99.53	II
CAN190156	AJ110419	2	196	C	0.3	0.26	0.03	0.45	27.4	0	55.5	0.05	1.5	14.3	0	99.46	II
CAN190156	AJ110419	3	1	C	0.3	0.26	0	0.42	29.1	0	54.8	0	0.98	13.1	0	98.62	II
CAN190156	AJ110419	3	2	C	0.3	0.29	0.02	0.26	31.9	0	54.2	0.01	0.54	11.8	0	99.01	II
CAN190156	AJ110419	3	3	C	0.3	0.26	0.03	0.25	35.6	0	50.5	0.02	1.65	10.3	0	98.56	II
CAN190156	AJ110419	3	4	C	0.3	0.3	0.03	0.34	30.8	0.03	53.4	0	0.52	13.4	0	98.73	II
CAN190156	AJ110419	3	5	C	0.3	0.37	0.07	0.4	25.6	0	55.1	0.1	2.69	15.2	0.1	99.54	II
CAN190156	AJ110419	3	6	C	0.3	0.35	0	0.26	32.4	0.03	54.2	0.01	0.37	11.8	0	99.42	II

CAN190153 and CAN190156\_Samples From Paul Centis Claims  
Microprobe Analysis Report

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190156	AJ110419	3	7	C	0.3	0.33	0.01	0.37	29.1	0.04	54.7	0.08	0.52	13.5	0	98.58	II
CAN190156	AJ110419	3	8	C	0.3	0.21	0.06	0.79	26.4	0.02	54.9	0.05	2.79	14	0	99.28	II
CAN190156	AJ110419	3	9	C	0.3	0.28	0	0.15	37.7	0.01	50.2	0.02	0.72	8.94	0	97.96	II
CAN190156	AJ110419	3	10	C	0.3	0.53	0	0.24	33	0	53.4	0.03	0.66	10.9	0.1	98.75	II
CAN190156	AJ110419	3	11	C	0.3	0.32	0.02	0.13	37.6	0	50.1	0.01	0.88	9.49	0	98.61	II
CAN190156	AJ110419	3	12	C	0.3	0.29	0	0.26	33	0	52.9	0.01	0.31	11.9	0	98.73	II
CAN190156	AJ110419	3	13	C1	0.3	0.36	0.05	0.47	25.5	0.18	55.5	0.49	1.52	15.5	0.1	99.62	II
CAN190156	AJ110419	3	14	C	0.3	0.29	0.01	0.5	28.4	0	55.6	0.02	0.97	13.5	0	99.25	II
CAN190156	AJ110419	3	15	C	0.3	0.28	0.03	0.41	28.5	0.02	55.4	0.02	0.97	13.6	0	99.27	II
CAN190156	AJ110419	3	16	C	0.3	0.29	0	0.37	31.2	0	54.4	0.04	0.8	12	0	99.04	II
CAN190156	AJ110419	3	17	C	0.3	0.71	0	0.06	43.7	0.01	53.1	0	0	2.03	0	99.59	II
CAN190156	AJ110419	3	18	C	0.3	0.23	0.03	0.41	32.6	0.01	53.4	0.06	0.65	11.5	0	98.96	II
CAN190156	AJ110419	3	19	C	0.3	0.26	0.05	0.43	27.4	0	54.9	0.02	1.92	13.8	0	98.81	II
CAN190156	AJ110419	3	20	C	0.3	0.26	0.03	0.43	29.4	0	54.8	0.01	1.18	12.9	0	98.95	II
CAN190156	AJ110419	3	21	C	0.3	0.25	0.06	0.6	27.3	0.01	54	0.01	3.59	13.6	0	99.5	II
CAN190156	AJ110419	3	22	C	0.3	0.34	0.02	0.15	33.9	0	53.2	0	0.35	11.5	0.1	99.5	II
CAN190156	AJ110419	3	23	C	0.3	0.31	0.01	0.19	36.6	0.01	50.8	0.02	0.94	9.7	0	98.57	II
CAN190156	AJ110419	3	24	C	0.3	0.35	0.03	0.2	36.6	0	50.5	0.02	1.22	9.5	0	98.46	II
CAN190156	AJ110419	3	25	C	0.3	0.3	0.07	0.44	28.2	0.04	55.6	0.03	0.78	13.6	0	99.02	II
CAN190156	AJ110419	3	26	C	0.3	0.3	0	0.31	31.8	0	54.4	0.02	0.43	12.2	0	99.47	II
CAN190156	AJ110419	3	27	C	0.3	0.31	0	0.15	36.3	0.01	51.4	0.02	0.29	9.77	0	98.25	II
CAN190156	AJ110419	3	28	C	0.3	0.25	0	11.19	18.3	0.08	0.05	0	56.43	12.7	0.1	99.08	Sp
CAN190156	AJ110419	3	29	C2	0.3	0.33	0	4.29	19.4	0.02	0.57	0	64.03	11	0.1	99.74	Sp
CAN190156	AJ110419	3	30	C	0.3	0.23	0.02	18.04	15	0.02	0.51	0.02	51.82	14	0.1	99.7	Sp
CAN190156	AJ110419	3	31	C	0.3	0.26	0.08	0.46	29.3	0.03	55.2	0.02	0.89	13.1	0	99.28	Sp
CAN190156	AJ110419	3	32	C	0.3	0.48	0	16.08	23.7	0.12	0.32	0.02	49.37	9.61	0.1	99.79	Sp
CAN190156	AJ110419	3	33	C	0.3	0.4	0.05	12.78	30.8	0.03	2.23	0	44.65	7.47	0.1	98.49	Sp
CAN190156	AJ110819	3	34	C	0.3	0.49	0.02	20.09	7.1	41.1	0.04	5.79	5.26	19.9	0	99.76	Ga
CAN190156	AJ110819	3	35	C	0.3	0.45	0.02	20.16	6.93	41.7	0.1	3.91	5.26	21.4	0	99.87	Ga
CAN190156	AJ110819	3	36	C	0.3	0.49	0.02	20.32	7.83	41.2	0	5.81	5.22	19.7	0	100.6	Ga
CAN190156	AJ110819	3	37	C	0.3	0.44	0.11	22.47	11.1	41.3	0.68	4.36	0.21	19.8	0	100.4	Ga
CAN190156	AJ110819	3	38	C	0.3	0.46	0.07	20.75	8.36	41.3	0.25	5.48	4.13	19.5	0	100.3	Ga
CAN190156	AJ110819	3	39	C	0.3	0.32	0.06	20.77	7.05	41.6	0.32	4.8	3.69	21.5	0	100.2	Ga

CAN190153 and CAN190156\_Samples From Paul Centis Claims  
Microprobe Analysis Report

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190156	AJ110819	3	40	C	0.3	0.41	0.1	20.44	7.87	41.3	0.38	4.86	4.12	20.5	0	99.98	Ga
CAN190156	AJ110819	3	41	C	0.3	0.41	0.08	22.09	10.8	41.6	0.8	4.37	0.19	19.7	0	100	Ga
CAN190156	AJ110819	3	42	C	0.3	0.33	0.09	13.23	6.52	40	0.94	6.58	12.58	19.6	0	99.82	Ga
CAN190156	AJ110819	3	43	C	0.3	0.29	0.04	20.51	6.88	41.9	0.31	5.29	4.08	21	0.1	100.4	Ga
CAN190156	AJ110819	3	44	C	0.3	0.28	0.02	19.18	6.98	41.6	0.63	5.66	5.04	21.1	0	100.4	Ga
CAN190156	AJ110819	3	45	C	0.3	0.41	0.08	22.3	10	41.5	0.68	4.41	0.31	19.7	0	99.45	Ga
CAN190156	AJ110819	3	46	C	0.3	0.33	0.09	0.26	32.8	0.01	53.2	0.02	0.42	11.2	0	98.34	II
CAN190156	AJ110819	3	47	C	0.3	0.4	0.02	0.54	29	0.02	54.5	0.04	0.15	13.7	0	98.43	II
CAN190156	AJ110819	3	48	C	0.3	0.28	0.08	0.3	30.9	0.03	54	0.04	1.44	12.4	0.1	99.48	II
CAN190156	AJ110819	3	49	C	0.3	0.33	0.02	0.22	32.5	0	54.2	0	0.32	11.8	0.1	99.44	II
CAN190156	AJ110819	3	50	C	0.3	0.5	0	0.27	31.1	0.05	54.4	0.02	0.52	12.3	0	99.22	II
CAN190156	AJ110819	3	51	C	0.3	0.22	0.01	0.39	29.6	0.03	54.5	0	1.21	12.9	0	98.86	II
CAN190156	AJ110819	3	52	C	0.3	0.26	0	0.23	35.4	0	52.9	0	0.37	10.3	0.1	99.47	II
CAN190156	AJ110819	3	53	C	0.3	0.37	0	0.08	38.2	0	48.8	0.06	1.94	8.48	0	97.96	II
CAN190156	AJ110819	3	54	C	0.3	0.47	0	0.57	27.2	0.04	55.6	0.05	0.71	14.5	0	99.17	II
CAN190156	AJ110819	3	55	C	0.3	0.28	0.02	0.14	40.9	0	48.2	0.01	0.73	7.6	0	97.89	II
CAN190156	AJ110819	3	56	C	0.3	0.27	0.05	0.46	28.8	0	55.9	0	0.92	13.7	0	100.1	II
CAN190156	AJ110819	3	57	C	0.3	0.3	0	0.33	30.2	0	54.7	0.03	0.43	12.6	0	98.7	II
CAN190156	AJ110819	3	58	C	0.3	0.27	0	0.47	28.9	0.04	55.5	0	1.12	13.4	0	99.75	II
CAN190156	AJ110819	3	59	C	0.3	0.27	0.02	0.27	30.8	0	54.4	0.02	0.37	12.6	0	98.74	II
CAN190156	AJ110819	3	60	C	0.3	0.22	0.05	0.52	28.7	0.02	55.1	0.04	1.36	13.7	0	99.74	II
CAN190156	AJ110819	3	61	C	0.3	0.29	0.01	0.26	33.8	0.02	53.5	0.03	0.37	11	0	99.27	II
CAN190156	AJ110819	3	62	C	0.3	0.31	0	0.21	39.1	0	49.8	0.01	1.43	8.15	0	98.99	II
CAN190156	AJ110819	3	63	C	0.3	0.43	0.04	0.54	27	0	55.1	0.09	0.77	15.1	0	99.13	II
CAN190156	AJ110819	3	64	C	0.3	0.25	0.03	0.47	30.2	0.02	53.3	0.01	0.38	13.3	0	97.95	II
CAN190156	AJ110819	3	65	C	0.3	0.32	0.01	0.55	29.7	0.01	55.6	0.01	0.22	13.1	0	99.53	II
CAN190156	AJ110819	3	66	C	0.3	0.31	0.03	0.26	32.2	0	53.9	0	0.49	11.6	0	98.7	II
CAN190156	AJ110819	3	67	C	0.3	0.35	0	0.21	34	0.01	53.1	0.04	0.42	11.1	0	99.17	II
CAN190156	AJ110819	3	68	C	0.3	0.29	0	0.22	38.9	0.05	49.4	0.02	1.45	8.48	0	98.83	II
CAN190156	AJ110819	3	69	C	0.3	0.28	0.02	0.59	31.9	0.02	54	0.02	0.52	11.8	0	99.14	II
CAN190156	AJ110819	3	70	C	0.3	0.23	0.01	0.46	31.4	0.04	54.7	0.02	0.22	12.1	0	99.16	II
CAN190156	AJ110819	3	71	C	0.3	0.32	0.04	0.25	31.8	0.03	53.2	0.04	1.4	11.6	0	98.68	II
CAN190156	AJ110819	3	72	C1	0.3	0.37	0	0.14	39.8	0.04	48.3	0.17	0.82	9	0	98.54	II



CAN190153 and CAN190156\_Samples From Paul Centis Claims  
Microprobe Analysis Report

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190156	AJ110819	3	73	C	0.3	0.28	0	0.41	29.6	0.03	55	0.04	0.62	12.9	0	98.84	II
CAN190156	AJ110819	3	74	C	0.3	0.34	0	0.53	26.5	0.02	54.4	0.07	2.65	14.4	0	98.85	II
CAN190156	AJ110819	3	75	C	0.3	0.51	0	0.71	28.2	0	54.7	0.13	0.48	14.5	0	99.21	II
CAN190156	AJ110819	3	76	C	0.3	0.32	0.04	0.3	32.2	0.04	54.4	0	0.61	11.7	0	99.6	II
CAN190156	AJ110819	3	77	C	0.3	0.35	0.03	0.75	26.8	0	55.9	0.03	0.73	14.7	0	99.34	II
CAN190156	AJ110819	3	78	C	0.3	0.32	0.02	0.23	33.5	0.02	53.4	0	0.41	10.9	0	98.83	II
CAN190156	AJ110819	3	79	C	0.3	0.3	0.01	0.18	35.6	0.02	51.9	0	0.41	10.1	0	98.46	II
CAN190156	AJ110819	3	80	C	0.3	0.36	0.01	0.48	27.7	0.01	54.7	0.14	2.32	14.2	0.1	99.99	II
CAN190156	AJ110819	3	81	C	0.3	0.27	0	0.35	29.8	0	55.3	0.04	0.5	13	0	99.22	II
CAN190156	AJ110819	3	82	C	0.3	0.43	0	0.39	29.5	0.04	55.2	0.05	0.47	13.6	0	99.64	II
CAN190156	AJ110819	3	83	C	0.3	0.26	0.01	0.31	31.4	0	54.3	0	0.45	12	0	98.7	II
CAN190156	AJ110819	3	84	C	0.3	0.33	0.02	0.24	33	0.01	53.1	0	0.57	11.5	0	98.77	II
CAN190156	AJ110819	3	85	C	0.3	0.24	0	0.45	28.1	0	55.7	0.02	1.06	13.7	0	99.29	II
CAN190156	AJ110819	3	86	C	0.3	0.3	0	0.47	29	0.02	55.7	0	0.22	13.8	0	99.49	II
CAN190156	AJ110819	3	87	C	0.3	0.3	0.01	0.5	28.3	0.02	55.8	0.02	1.27	13.6	0	99.9	II
CAN190156	AJ110819	3	88	C	0.3	0.29	0	0.33	31	0.03	54.1	0.06	0.83	12.2	0	98.83	II
CAN190156	AJ110819	3	89	C	0.3	0.33	0.02	0.23	33.1	0.01	54	0.03	0.47	11.3	0	99.43	II
CAN190156	AJ110819	3	90	C	0.3	0.29	0	0.57	28.3	0.02	55.3	0.02	0.53	14.1	0	99.13	II
CAN190156	AJ110819	3	91	C	0.3	0.32	0.05	1.33	25.4	0.03	54	0.06	3.69	14.9	0	99.83	II
CAN190156	AJ110819	3	92	C	0.3	0.33	0.01	0.46	27.4	0	55.8	0	0.99	14.1	0	99.07	II
CAN190156	AJ110819	3	93	C	0.3	0.05	2.93	3.36	1.33	54.4	0.05	19.2	3.24	14.6	0	99.12	Cd
CAN190156	AJ110819	3	94	C	0.3	0.27	0	14.77	20.1	0.13	0.32	0.02	52.78	11.1	0.1	99.56	Sp
CAN190156	AJ110819	3	95	C	0.3	0.29	0.01	18.27	14.2	0	0.16	0.02	52.75	14.1	0.2	100	Sp
CAN190156	AJ110919	3	96	C	0.3	0.33	0.11	21.04	7.97	41.5	0.78	5.28	2.34	20.5	0	99.79	Ga
CAN190156	AJ110919	3	97	C	0.3	0.27	0	20.58	7.04	41.8	0.37	5.22	3.81	21.4	0	100.5	Ga
CAN190156	AJ110919	3	98	C	0.3	0.35	0.04	21.4	8.04	41.9	0.44	4.68	2.53	21.2	0	100.6	Ga
CAN190156	AJ110919	3	99	C	0.3	0.44	0	20.07	8.29	41	0.15	5.86	5.17	19.1	0	100.1	Ga
CAN190156	AJ110919	3	100	C	0.3	0.41	0.01	20.34	6.66	41.8	0.05	3.38	5.58	22.2	0	100.4	Ga
CAN190156	AJ110919	3	101	C	0.3	0.33	0.11	21.62	9.66	41.5	0.76	4.49	1.47	20.4	0	100.3	Ga
CAN190156	AJ110919	3	102	C	0.3	0.36	0.08	0.13	38.3	0	49	0	1.62	8.82	0	98.36	II
CAN190156	AJ110919	3	103	C	0.3	0.33	0	0.33	30.9	0	54.2	0	0.52	12.3	0	98.7	II
CAN190156	AJ110919	3	104	C	0.3	0.27	0.02	0.54	27.1	0.02	53.7	0	3.6	13.7	0.1	98.94	II
CAN190156	AJ110919	3	105	C	0.3	0.35	0.04	0.61	27.4	0.04	54.7	0	1.84	14.2	0	99.13	II

CAN190153 and CAN190156\_Samples From Paul Centis Claims  
Microprobe Analysis Report

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190156	AJ110919	3	106	C	0.3	0.4	0.05	0.42	28.4	0.02	55.4	0.03	0.59	14	0	99.29	II
CAN190156	AJ110919	3	107	C	0.3	0.25	0.02	0.43	28.8	0.01	54.6	0.04	1.87	13.2	0	99.19	II
CAN190156	AJ110919	3	108	C	0.3	0.24	0.03	0.51	32.7	0	53.8	0.02	0.2	11.4	0	98.93	II
CAN190156	AJ110919	3	109	C2	0.3	0.28	0.01	0.19	38.8	0	50.2	0	1.42	8.62	0	99.47	II
CAN190156	AJ110919	3	110	C	0.3	0.3	0	0.17	36.7	0	51.9	0	0.34	9.62	0	98.95	II
CAN190156	AJ110919	3	111	C	0.3	0.33	0	0.2	32.3	0	54.5	0.02	0.23	11.7	0	99.24	II
CAN190156	AJ110919	3	112	C	0.3	0.3	0.03	0.49	27.3	0.02	55.7	0.02	1.71	14.3	0	99.82	II
CAN190156	AJ110919	3	113	C	0.3	0.25	0.01	0.46	28.8	0.03	55.4	0.01	0.93	13.5	0	99.41	II
CAN190156	AJ110919	3	114	C	0.3	0.3	0.02	0.16	40.4	0.01	49.2	0.02	0.84	7.71	0	98.63	II
CAN190156	AJ110919	3	115	C	0.3	0.24	0.01	0.53	28	0	55.7	0.02	1.45	14.1	0	100.1	II
CAN190156	AJ110919	3	116	C	0.3	0.26	0.03	0.55	28.8	0.03	54.1	0.02	2.3	13.1	0	99.24	II
CAN190156	AJ110919	3	117	C	0.3	0.24	0	15.2	19	0.08	0.42	0	52.06	12.6	0.1	99.62	Sp
CAN190156	AJ111219	3	118	C	0.3	0.47	0.02	19.2	7.47	41	0.15	5.89	6.21	19.6	0.1	100	Ga
CAN190156	AJ111219	3	119	C	0.3	0.33	0.12	21.17	9.35	41.5	0.88	4.61	1.89	20.5	0	100.4	Ga
CAN190156	AJ111219	3	120	C	0.3	0.42	0	19.77	7.07	41.2	0.04	5.94	5.71	20	0	100.2	Ga
CAN190156	AJ111219	3	121	C	0.3	0.24	0.03	18.79	7.79	41.5	0.65	5.79	5	20.5	0	100.2	Ga
CAN190156	AJ111219	3	122	C	0.3	0.31	0.05	18.87	7.7	41.6	0.66	5.78	5.03	20	0	99.99	Ga
CAN190156	AJ111219	3	123	C	0.3	0.29	0.07	20.09	7.11	41.9	0.49	5.06	3.89	21.1	0	99.97	Ga
CAN190156	AJ111219	3	124	C	0.3	0.35	0.07	21.66	9.77	41.8	0.89	4.49	1.2	20.3	0	100.5	Ga
CAN190156	AJ111219	3	125	C	0.3	0.41	0.05	20.53	6.92	41.8	0.09	5.72	4.99	20	0	100.5	Ga
CAN190156	AJ111219	3	126	C	0.3	0.27	0.08	20.9	7.64	41.6	0.77	5.01	2.29	21.4	0	99.95	Ga
CAN190156	AJ111219	3	127	C	0.3	0.29	0.06	20.05	6.36	41.9	0.48	5.24	4.53	21.4	0	100.3	Ga
CAN190156	AJ111219	3	128	C	0.3	0.34	0.04	19.6	6.85	41.7	0.42	5.34	5.22	21	0	100.6	Ga
CAN190156	AJ111219	3	129	C	0.3	0.43	0.04	22.64	10.9	41.6	0.46	4.43	0.14	19.5	0	100.1	Ga
CAN190156	AJ111219	3	130	C	0.3	0.51	0	19.76	8.17	41.5	0.06	5.71	5.72	19.6	0	101	Ga
CAN190156	AJ111219	3	131	C	0.3	0.34	0.09	20.49	8.02	41.9	0.98	5.11	2.66	20.6	0	100.1	Ga
CAN190156	AJ111219	3	132	C	0.3	0.33	0.07	20.55	9.24	41.9	0.87	4.54	2.69	20.6	0	100.7	Ga
CAN190156	AJ111219	3	133	C	0.3	0.32	0.01	19.43	6.63	41.4	0.01	6.17	6.11	20.6	0	100.7	Ga
CAN190156	AJ111219	3	134	C	0.3	0.29	0.01	20.12	7.06	41.6	0.53	5.34	4.49	21	0	100.5	Ga
CAN190156	AJ111219	3	135	C	0.3	0.27	0.02	21.02	7.59	41.9	0.73	5.09	2.18	21.3	0	100.2	Ga
CAN190156	AJ111219	3	136	C	0.3	0.3	0.02	21.4	6.97	41.9	0.5	4.86	2.85	21.3	0	100.2	Ga
CAN190156	AJ111219	3	137	C	0.3	0.32	0.03	21	7.5	42	0.46	4.82	3.09	21.3	0	100.5	Ga
CAN190156	AJ111219	3	138	C	0.3	0.35	0.11	21.29	8.08	41.7	0.62	4.68	2.23	20.8	0	99.81	Ga

CAN190153 and CAN190156\_Samples From Paul Centis Claims  
Microprobe Analysis Report

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190156	AJ111219	3	139	C	0.3	0.25	0.05	20.97	7.82	42	0.82	5.1	2.15	21.3	0	100.4	Ga
CAN190156	AJ111219	3	140	C	0.3	0.37	0.14	20.77	9.17	41.4	0.94	4.8	2.36	20.2	0	100.2	Ga
CAN190156	AJ111219	3	141	C	0.3	0.41	0.16	21.98	10.8	41.3	0.72	4.83	0.23	19.1	0	99.49	Ga
CAN190156	AJ111219	3	142	C	0.3	0.35	0.08	21.06	9.28	41.4	0.63	4.65	2.19	19.9	0	99.53	Ga
CAN190156	AJ111219	3	143	C	0.3	0.33	0.05	22.9	12.6	41.6	0.2	4.05	0.35	18.7	0	100.7	Ga
CAN190156	AJ111219	3	144	C	0.3	0.25	0.04	0.76	26.9	0	55.6	0	1.09	14.3	0	98.98	II
CAN190156	AJ111219	3	145	C	0.3	0.27	0.06	0.22	32.7	0	54.1	0	0.44	11.6	0	99.38	II
CAN190156	AJ111219	3	146	C	0.3	0.3	0	0.24	34.3	0	53	0.03	0.39	10.8	0.1	99.11	II
CAN190156	AJ111219	3	147	C	0.3	0.29	0	0.24	36.5	0	51.3	0.02	1.17	9.35	0	98.89	II
CAN190156	AJ111219	3	148	C	0.3	0.31	0.04	0.6	29	0.01	55.5	0.04	0.31	13.5	0	99.35	II
CAN190156	AJ111219	3	149	C	0.3	0.26	0.02	0.15	35.1	0.01	51.9	0.02	0.48	10.3	0.1	98.33	II
CAN190156	AJ111219	3	150	C	0.3	0.33	0	0.26	37.9	0	49.8	0.01	1.2	9.25	0.1	98.79	II
CAN190156	AJ111219	3	151	C	0.3	0.32	0.11	0.3	29.4	0.05	54.7	0.01	0.43	13.3	0	98.72	II
CAN190156	AJ111219	3	152	C	0.3	0.36	0	0.6	27.2	0	53	0.01	3.97	13.6	0	98.79	II
CAN190156	AJ111219	3	153	C	0.3	0.25	0.05	0.52	27.5	0.01	55.1	0	1.59	14	0	99.08	II
CAN190156	AJ111219	3	154	C	0.3	0.27	0	0.34	30.7	0	54.8	0.01	0.53	12.9	0	99.57	II
CAN190156	AJ111219	3	155	C	0.3	0.41	0.01	0.28	31.4	0.02	53.1	0.03	0.33	12.8	0	98.44	II
CAN190156	AJ111219	3	156	C	0.3	0.59	0.03	0.24	30.6	0.02	54.9	0.05	0.59	12.3	0	99.28	II
CAN190156	AJ111219	3	157	C	0.3	0.28	0.03	0.12	35.2	0.01	52.5	0.05	0.34	10.2	0	98.63	II
CAN190156	AJ111219	3	158	C	0.3	0.26	0.03	0.63	27.3	0.02	53.7	0.02	4.03	13.3	0	99.24	II
CAN190156	AJ111219	3	159	C	0.3	0.32	0.05	0.44	27.5	0.03	55.9	0.01	0.45	14.1	0	98.75	II
CAN190156	AJ111219	3	160	C	0.3	0.26	0	0.56	28.8	0.03	53.9	0.04	2.5	13	0	99	II
CAN190156	AJ111219	3	161	C	0.3	0.31	0.01	0.24	31.5	0	53.8	0.06	0.5	12	0	98.51	II
CAN190156	AJ111219	3	162	C	0.3	0.3	0.01	0.51	27.5	0	54.4	0.12	2.73	14.3	0.1	99.86	II
CAN190156	AJ111219	3	163	C	0.3	0.36	0	0.26	30.8	0.02	53.2	0.01	1.57	12.2	0.1	98.44	II
CAN190156	AJ111219	3	164	C	0.3	0.29	0.01	0.14	39.9	0.01	47.8	0	1.96	8.26	0	98.37	II
CAN190156	AJ111219	3	165	C	0.3	0.3	0	0.2	34.7	0	52.7	0.04	0.43	10.5	0	98.86	II
CAN190156	AJ111219	3	166	C	0.3	0.26	0	0.66	28.5	0	54.1	0.03	2.49	13.2	0	99.2	II
CAN190156	AJ111219	3	167	C	0.3	0.29	0	0.47	29.2	0.03	54.5	0.05	1.19	13.2	0	98.93	II
CAN190156	AJ111219	3	168	C	0.3	0.32	0.04	0.51	27.3	0	54.5	0.03	2.03	14	0	98.65	II
CAN190156	AJ111219	3	169	C	0.3	0.25	0.06	0.43	28.8	0	55.2	0.06	1.03	13.6	0.1	99.48	II
CAN190156	AJ111219	3	170	C	0.3	0.27	0.03	0.55	34	0.03	53.2	0.02	0.13	10.7	0	98.86	II
CAN190156	AJ111219	3	171	C	0.3	0.32	0.02	0.51	27.7	0.03	55.4	0	1.21	14.1	0.1	99.23	II

CAN190153 and CAN190156\_Samples From Paul Centis Claims  
Microprobe Analysis Report

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190156	AJ111219	3	172	C	0.3	0.28	0.01	0.21	32.4	0.01	53.6	0	0.74	11.4	0	98.75	II
CAN190156	AJ111219	3	173	C	0.3	0.3	0.01	0.1	37	0	51.5	0.02	0.28	9.33	0	98.62	II
CAN190156	AJ111219	3	174	C	0.3	0.34	0	0.11	35.4	0	52.1	0.01	1.17	9.89	0	99.09	II
CAN190156	AJ111219	3	175	C	0.3	0.32	0	0.21	33.8	0.03	53.3	0.04	0.38	10.8	0	98.91	II
CAN190156	AJ111219	3	176	C	0.3	0.25	0.04	0.51	27.2	0.01	54.8	0	2.2	14.1	0	99.14	II
CAN190156	AJ111219	3	177	C	0.3	0.32	0	0.28	33.4	0	51.1	0.01	0.91	12.2	0	98.24	II
CAN190156	AJ111219	3	178	C	0.3	0.36	0.01	0.29	31.7	0	54.4	0	0.37	12.6	0.1	99.8	II
CAN190156	AJ111219	3	179	C	0.3	0.36	0	0.25	32.4	0	53.1	0.02	0.33	12.5	0	98.94	II
CAN190156	AJ111219	3	180	C	0.3	0.32	0.02	0.26	33.9	0	52.4	0	0.34	11.1	0	98.28	II
CAN190156	AJ111219	3	181	C	0.3	0.32	0	0.38	31.2	0.05	53.3	0.01	0.41	13.1	0	98.8	II
CAN190156	AJ111219	3	182	C	0.3	0.3	0.02	0.21	38.6	0	50.2	0.02	0.77	8.52	0	98.71	II
CAN190156	AJ111219	3	183	C	0.3	0.24	0	0.6	31	0.03	54.1	0.06	0.87	12.2	0	99.08	II
CAN190156	AJ111219	3	184	C	0.3	0.28	0	0.23	37.2	0	50.2	0	1.56	9.34	0.1	98.87	II
CAN190156	AJ111219	3	185	C	0.3	0.28	0.07	0.22	33.7	0.02	52.6	0.03	0.4	10.8	0.1	98.22	II
CAN190156	AJ111219	3	186	C	0.3	0.57	0	0.46	24.8	0	56.6	0.06	0.71	16.5	0	99.7	II
CAN190156	AJ111219	3	187	C	0.3	0.48	0.01	0.35	31.6	0	52.7	0.04	0.42	12.5	0	98.12	II
CAN190156	AJ111219	3	188	C	0.3	0.28	0.01	0.29	30.3	0.03	54	0.03	0.41	12.4	0	97.68	II
CAN190156	AJ111219	3	189	C	0.3	0.28	0	0.42	29.1	0.01	54.5	0.01	0.98	12.9	0	98.27	II
CAN190156	AJ111219	3	190	C	0.3	0.31	0.02	0.14	38.6	0.01	49.2	0	0.93	8.64	0	97.9	II
CAN190156	AJ111219	3	191	C	0.3	0.27	0.07	0.4	27.1	0.03	56.1	0.01	1.17	14.1	0	99.33	II
CAN190156	AJ111219	3	192	C	0.3	0.28	0.04	0.54	27.2	0.02	55.4	0.05	1.8	14.2	0	99.52	II
CAN190156	AJ111219	3	193	C	0.3	0.34	0.01	0.26	30.6	0	54.5	0	0.36	13.1	0	99.18	II
CAN190156	AJ111219	3	194	C	0.3	0.38	0.05	0.39	28.7	0	55.2	0.02	0.41	13.8	0	98.96	II
CAN190156	AJ111219	3	195	C	0.3	0.33	0.03	0.27	33.2	0	53.2	0.01	0.44	11.2	0	98.72	II
CAN190156	AJ111219	3	196	C	0.3	0.26	0	0.26	33.5	0	53.3	0.02	0.36	11.2	0.1	98.98	II
CAN190156	AJ111219	4	1	C	0.3	0.32	0.03	0.23	30.9	0	55.3	0.02	0.44	12.5	0.1	99.88	II
CAN190156	AJ111219	4	2	C	0.3	0.31	0	0.27	32.8	0.02	53.7	0.04	0.46	11.5	0.1	99.17	II
CAN190156	AJ111219	4	3	C	0.3	0.32	0	0.18	36.9	0	50.2	0.03	0.73	9.78	0.1	98.2	II
CAN190156	AJ111219	4	4	C	0.3	0.41	0.03	0.55	26.8	0.02	55.1	0.03	2.61	14.3	0	99.85	II
CAN190156	AJ111219	4	5	C	0.3	0.31	0	0.31	32.7	0	54.1	0.01	0.49	11.7	0	99.58	II
CAN190156	AJ111219	4	6	C	0.3	0.32	0.05	0.25	30.8	0	54.3	0.03	0.47	12.6	0	98.76	II
CAN190156	AJ111219	4	7	C	0.3	0.27	0	0.34	31.8	0.01	54.3	0.04	0.52	12	0	99.26	II
CAN190156	AJ111219	4	8	C	0.3	0.3	0	0.41	29.3	0.02	55.4	0.01	0.5	13.2	0	99.26	II

CAN190153 and CAN190156\_Samples From Paul Centis Claims  
Microprobe Analysis Report

ORIGINATOR	SAMPLE	MOUNT	GRN	ANALYSIS_TYPE	SIZE	MNO	NA2O	AL2O3	FEO	SIO2	TIO2	CAO	CR2O3	MGO	ZNO	TOTAL	VI
CAN190156	AJ111219	4	9	C	0.3	0.28	0.01	0.5	28.5	0	55.2	0.02	1.1	13.7	0	99.3	II
CAN190156	AJ111219	4	10	C	0.3	0.3	0.05	0.56	27.7	0	54.8	0.03	2.41	13.6	0	99.39	II
CAN190156	AJ111219	4	11	C	0.3	0.27	0	0.59	27.4	0.02	54.5	0.01	2.93	13.8	0	99.59	II
CAN190156	AJ111219	4	12	C	0.3	0.33	0	0.35	28.7	0	55.3	0.05	0.96	13.3	0.1	99.06	II
CAN190156	AJ111219	4	13	C	0.3	0.27	0	0.34	31.3	0.02	54.5	0.01	0.5	12.3	0	99.33	II
CAN190156	AJ111219	4	14	C	0.3	0.21	0.08	0.5	29.3	0	55.1	0	1.28	13.2	0.1	99.7	II
CAN190156	AJ111219	4	15	C	0.3	0.3	0.02	0.18	32.9	0	53.8	0.02	0.33	11.4	0.1	99.01	II
CAN190156	AJ111219	4	16	C	0.3	0.3	0.05	0.31	31.4	0	54.6	0	0.43	12.2	0	99.23	II
CAN190156	AJ111219	4	17	C	0.3	0.3	0	0.32	32.2	0.03	54.6	0	0.36	12	0	99.83	II
CAN190156	AJ111219	4	18	C	0.3	0.32	0	0.17	35.9	0	51.9	0.06	0.46	10.2	0.1	99.01	II
CAN190156	AJ111219	4	19	C	0.3	0.31	0.02	0.54	25.8	0.02	53.9	0.04	4.07	14.9	0	99.6	II
CAN190156	AJ111219	4	20	C	0.3	0.11	1.56	2.22	2.8	54.7	0.36	18.8	1.31	17.9	0	99.83	Cd
CAN190156	AJ111219	4	21	C2	0.3	0.15	0.02	51.05	30.6	0.06	1	0.03	2.01	14.2	0.1	99.29	Sp
CAN190156	AJ111219	4	22	C	0.3	0.41	0	1.95	31.2	0.05	3.38	0	52.2	8.76	0.1	98.07	Sp
CAN190156	AJ111219	4	23	C	0.3	0.75	0	16.39	35.8	0.06	0.86	0	39.93	5.01	0.1	98.92	Sp
CAN190156	AJ111219	4	24	C	0.3	0.31	0	12.58	24.2	0.02	0.38	0	51.86	9.28	0.1	98.68	Sp
CAN190156	AJ111219	4	25	C	0.3	0.41	0	13.88	28.4	0.02	0.32	0	51.71	4.55	0.5	99.71	Sp
CAN190156	AJ111219	4	26	C1	0.3	0.24	0.02	22.11	17.7	0.07	1.92	0	42.55	14.1	0.1	98.74	Sp
CAN190156	AJ111219	4	27	C	0.3	0.44	0.11	8.84	32.8	0.05	0.45	0.02	52.49	3.6	0.6	99.48	Sp
CAN190156	AJ111219	4	28	C	0.3	0.28	0	17.77	14.2	0.07	0.11	0	52.78	14	0.1	99.3	Sp
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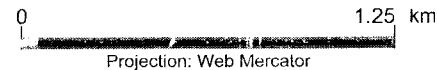
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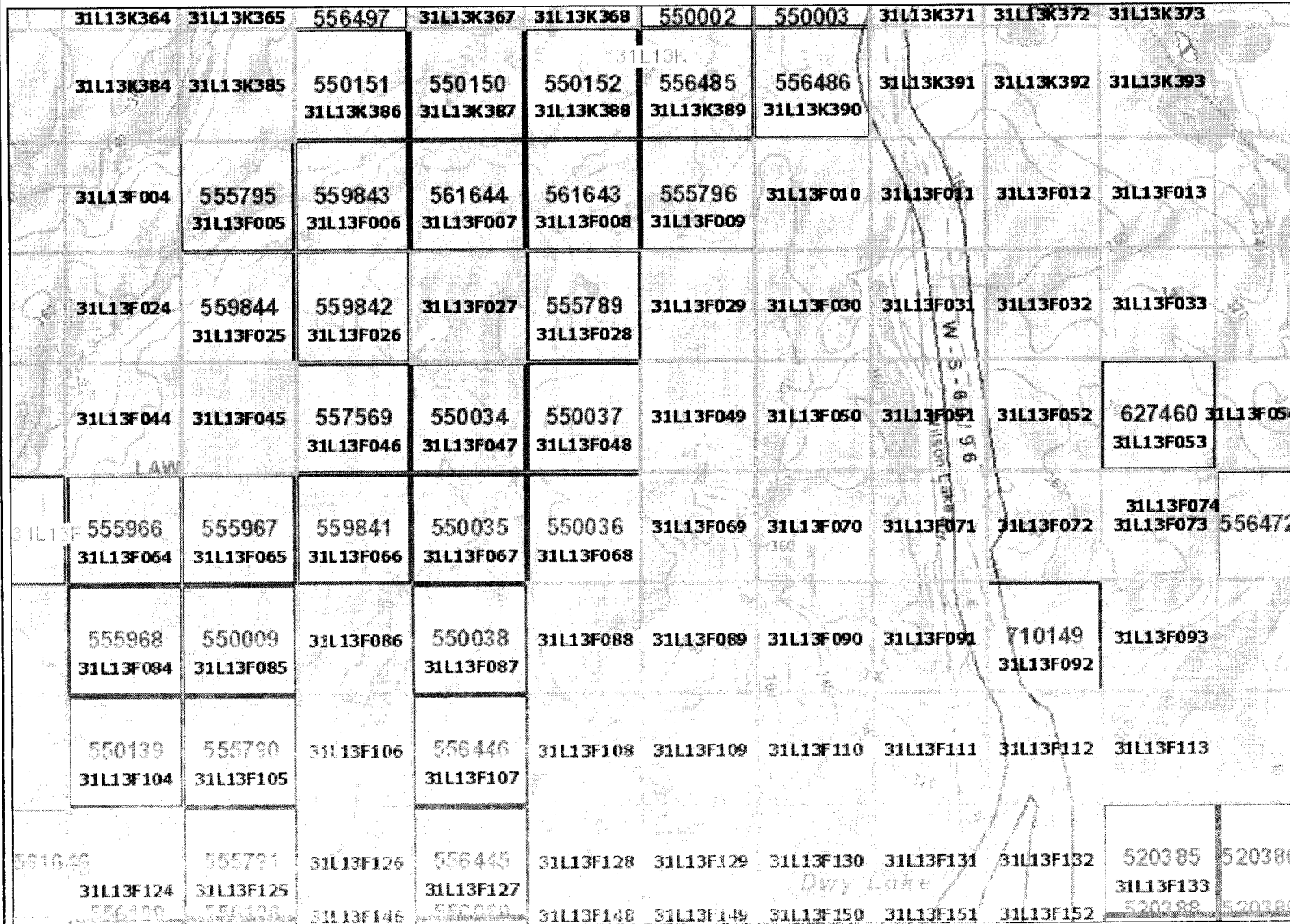
### Legend

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  - Available
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555791

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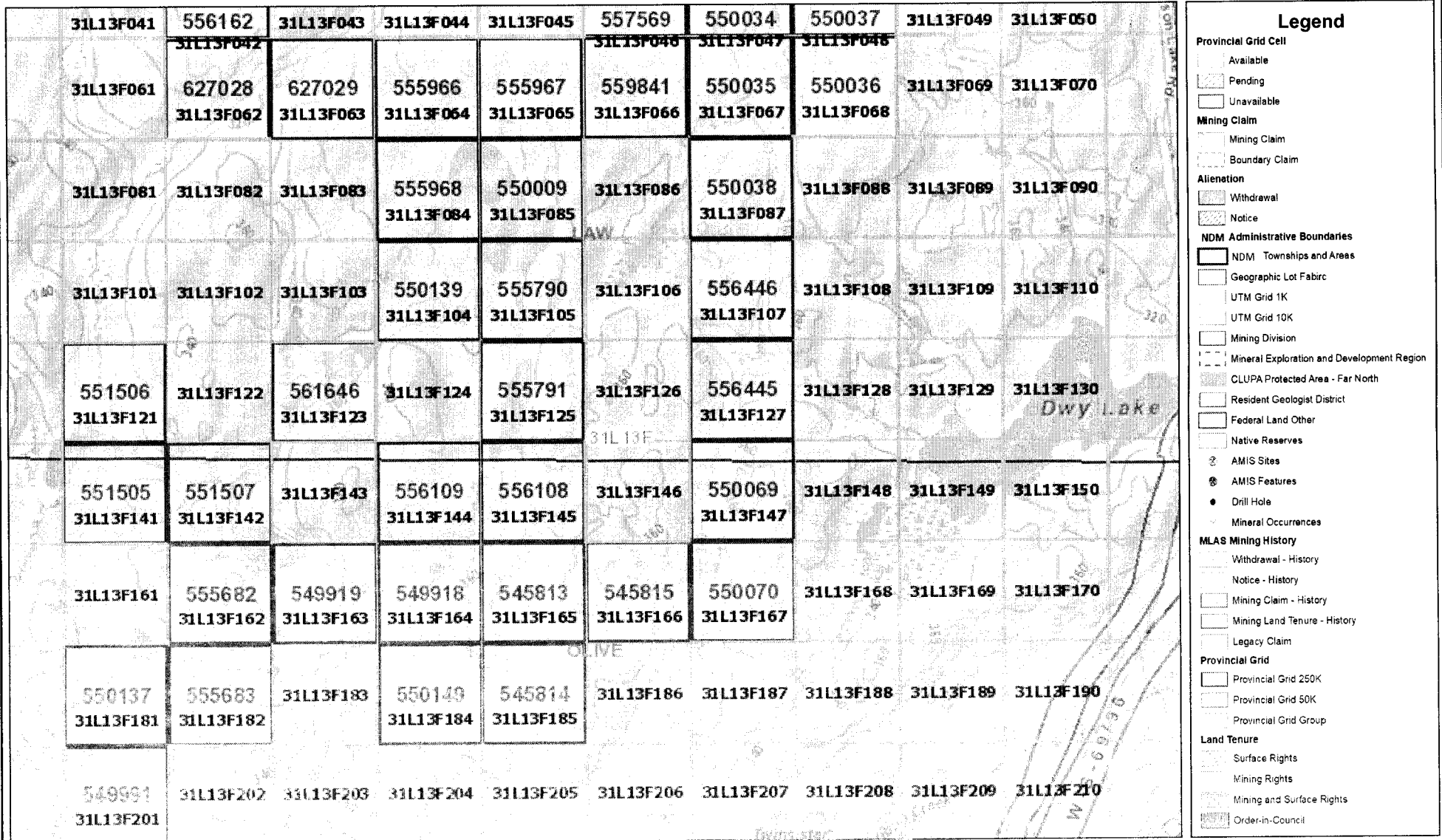
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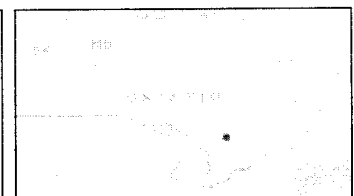
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Ministry of Northern Development, Mines,  
Natural Resources and Forestry (NDMNR)  
MLAS Map Viewer

MLAS Map

Notes: 545487, 555769

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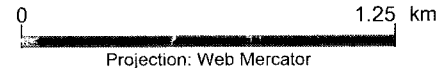
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550150, 550151

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31L13F102	31L13F103	556139	555790	31L13F106	556446	31L13F108	31L13F109	31L13F110	31L13F111

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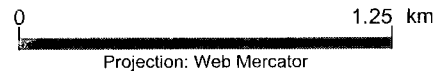
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31L13K183	31L13K184	31L13K185			556235		31L13K189			
550112	550063	550062	31L13K205	31L13K206	31L13K207	31L13K208	555804	561202	31L13K211	31L13K212
31L13K203	31L13K204						31L13K209	31L13K210		
31L13K223	31L13K224	556358	556357	31L13K227	556354	549917	31L13K230	31L13K231	31L13K232	
		31L13K225	31L13K226		31L13K228	31L13K229				
31L13K243	550045	550044	556356	550065	530319	530320	556158	627030	31L13K252	
	31L13K244	31L13K245	31L13K246	31L13K247	31L13K248	31L13K249	31L13K250	31L13K251		
31L13K263	550043	550042	31L13K266	550064	530322	530321	550001	31L13K271	31L13K272	
	31L13K264	31L13K265		31L13K267	31L13K268	31L13K269	31L13K270			
31L13K283	555825	555824	561645	550066	550067	550039	31L13K290	556355	31L13K292	
	31L13K284	31L13K285	31L13K286	31L13K287	31L13K288	31L13K289		31L13K291		
556150	556181	31L13K304	31L13K305	31L13K306	556498	550068	555802	31L13K310	31L13K311	31L13K312
	31L13K303				31L13K307	31L13K308	31L13K309			
31L13K323	555797	31L13K325	545486	545487	555769	31L13K329	31L13K330	31L13K331	31L13K332	
	31L13K324		31L13K326	31L13K327	31L13K328					
31L13K343	31L13K344	31L13K345	556764	31L13K347	556744	556443	550060	31L13K351	31L13K352	

### Legend

**Provincial Grid Cell**

- Available
- Pending
- Unavailable

**Mining Claim**

- Mining Claim
- Boundary Claim

**Alienation**

- Withdrawal
- Notice

**NDM Administrative Boundaries**

- NDM Townships and Areas
- Geographic Lot Fabric
- UTM Grid 1K
- UTM Grid 10K
- Mining Division
- Mineral Exploration and Development Region
- CLUPA Protected Area - Far North
- Resident Geologist District
- Federal Land Other
- Native Reserves

**AMIS Sites**

- AMIS Sites
- AMIS Features
- Drill Hole
- Mineral Occurrences

**MLAS Mining History**

- Withdrawal - History
- Notice - History
- Mining Claim - History
- Mining Land Tenure - History
- Legacy Claim

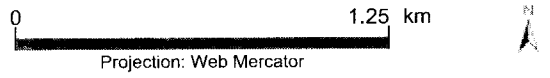
**Provincial Grid**

- Provincial Grid 250K
- Provincial Grid 50K
- Provincial Grid Group

**Land Tenure**

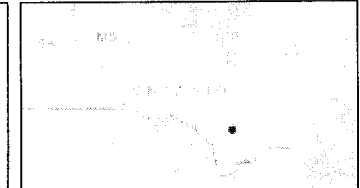
- Surface Rights
- Mining Rights
- Mining and Surface Rights
- Order-in-Council

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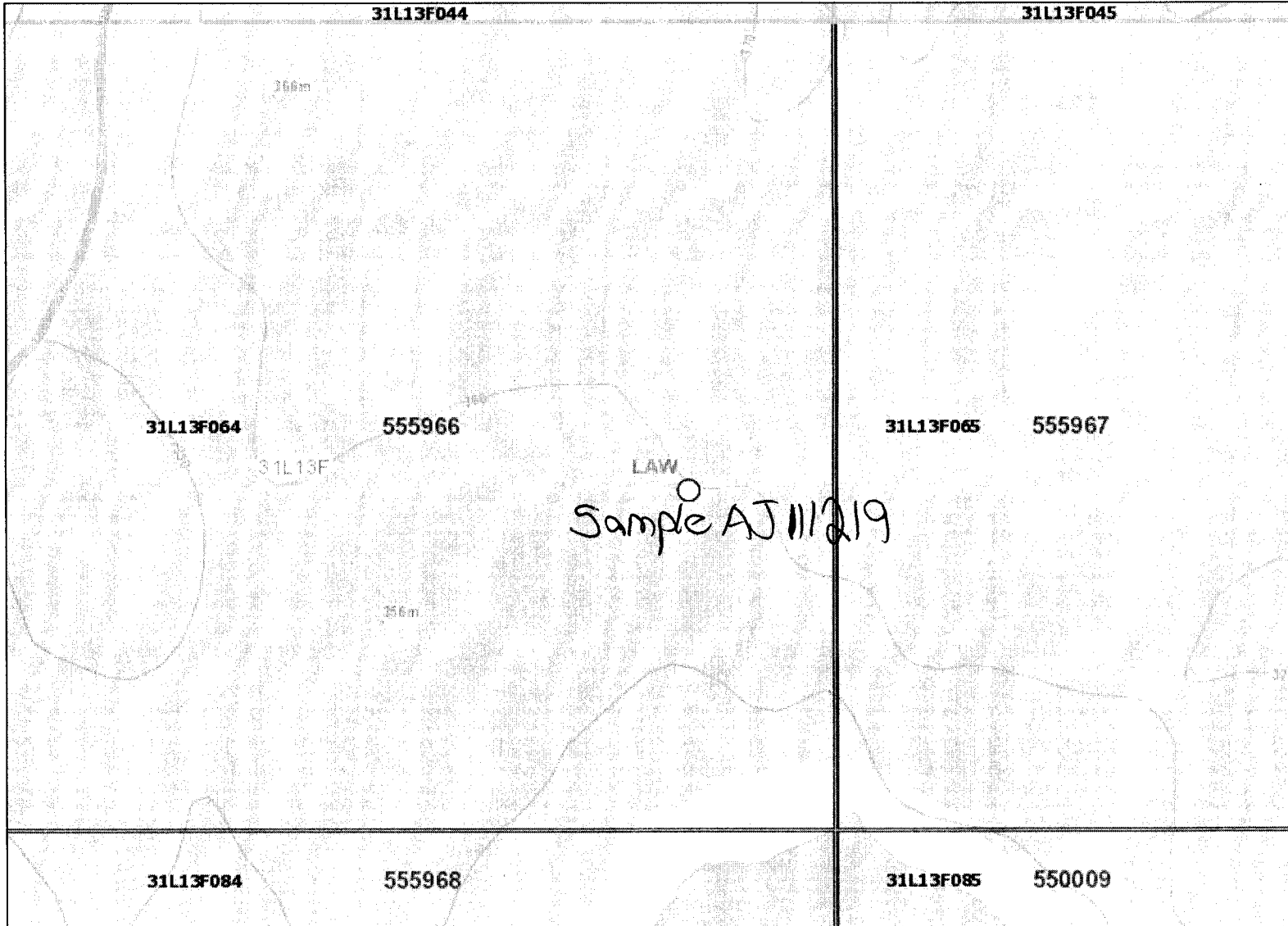
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Notes:

Debeers Sample ID - AJ111219  
Bag Number - 1039  
Claim Number - 555966



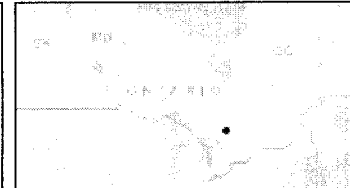
### Legend

- Provincial Grid Cell**
  - Available
  - Pending
  - Unavailable
- Mining Claim**
  - Mining Claim
  - Boundary Claim
- Alienation**
  - Withdrawal
  - Notice
- ENDM Administrative Boundaries**
  - ENDM Townships and Areas
  - Geographic Lot Fabric
  - UTM Grid 1K
  - UTM Grid 10K
  - Mining Division
  - Mineral Exploration and Development Region
  - CLUPA Protected Area - Far North
  - Resident Geologist District
  - Federal Land Other
  - Native Reserves
  - AMIS Sites
  - AMIS Features
  - Drill Hole
  - Mineral Occurrences
- MLAS Mining History**
  - Withdrawal - History
  - Notice - History
  - Mining Claim - History
  - Mining Land Tenure - History
  - Legacy Claim
- Provincial Grid**
  - Provincial Grid 250K
  - Provincial Grid 50K
  - Provincial Grid Group
- Land Tenure**
  - Surface Rights
  - Mining Rights
  - Mining and Surface Rights
  - Order-in-Council

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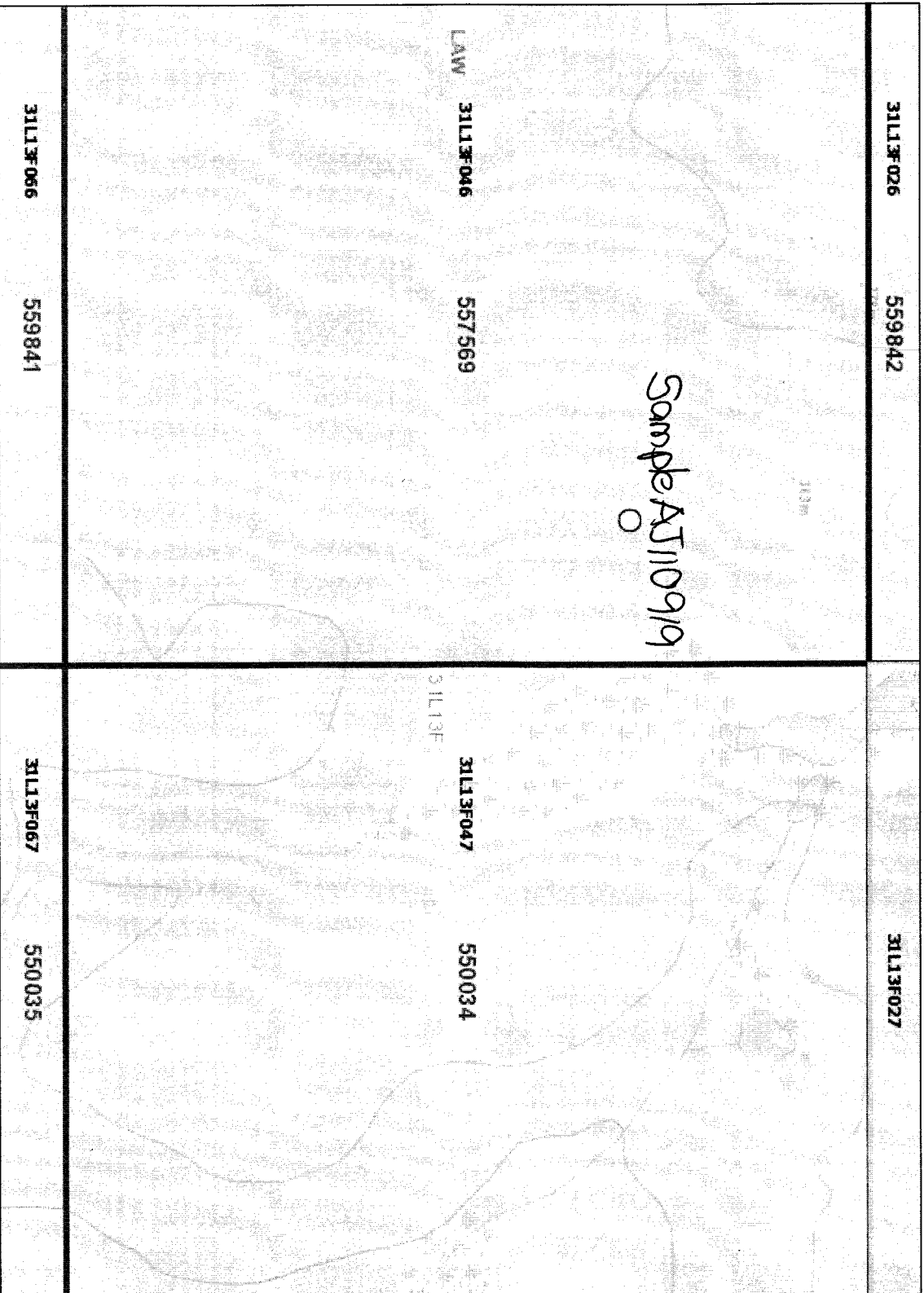




**MINISTRY OF ENERGY, NORTHERN  
DEVELOPMENT AND MINES**  
MLAS Map Viewer

**MLAS Map**

**Notes:**  
Debeers Sample ID - AJ110919  
Bag Number - 2631  
Claim Number - 557569

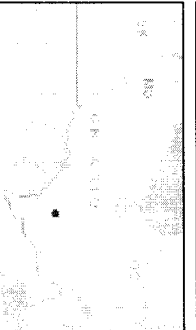


**Legend**

- Provincial Grid Cell
- Available
- Pending
- Unavailable
- Mining Claim
- Mining Claim
- Boundary Claim
- Alienation
- Withdrawal
- Notice
- ENDM Administrative Boundaries
- ENDM Townships and Areas
- Geographic Lot Fabric
- UTM Grid 1K
- UTM Grid 10K
- Mining Division
- Mineral Exploration and Development Region
- CLUPA Protected Area - Far North
- Resident Geologist District
- Federal Land Other
- Native Reserves
- AMS Sites
- AMS Features
- Drill Hole
- Mineral Occurrences
- MLAS Mining History
- Withdrawal - History
- Notice - History
- Mining Claim - History
- Mining Land Tenure - History
- Legacy Claim
- Provincial Grid
- Provincial Grid 250K
- Provincial Grid 50K
- Provincial Grid Group
- Land Tenure
- Surface Rights
- Mining Rights
- Mining and Surface Rights
- Order-in-Council

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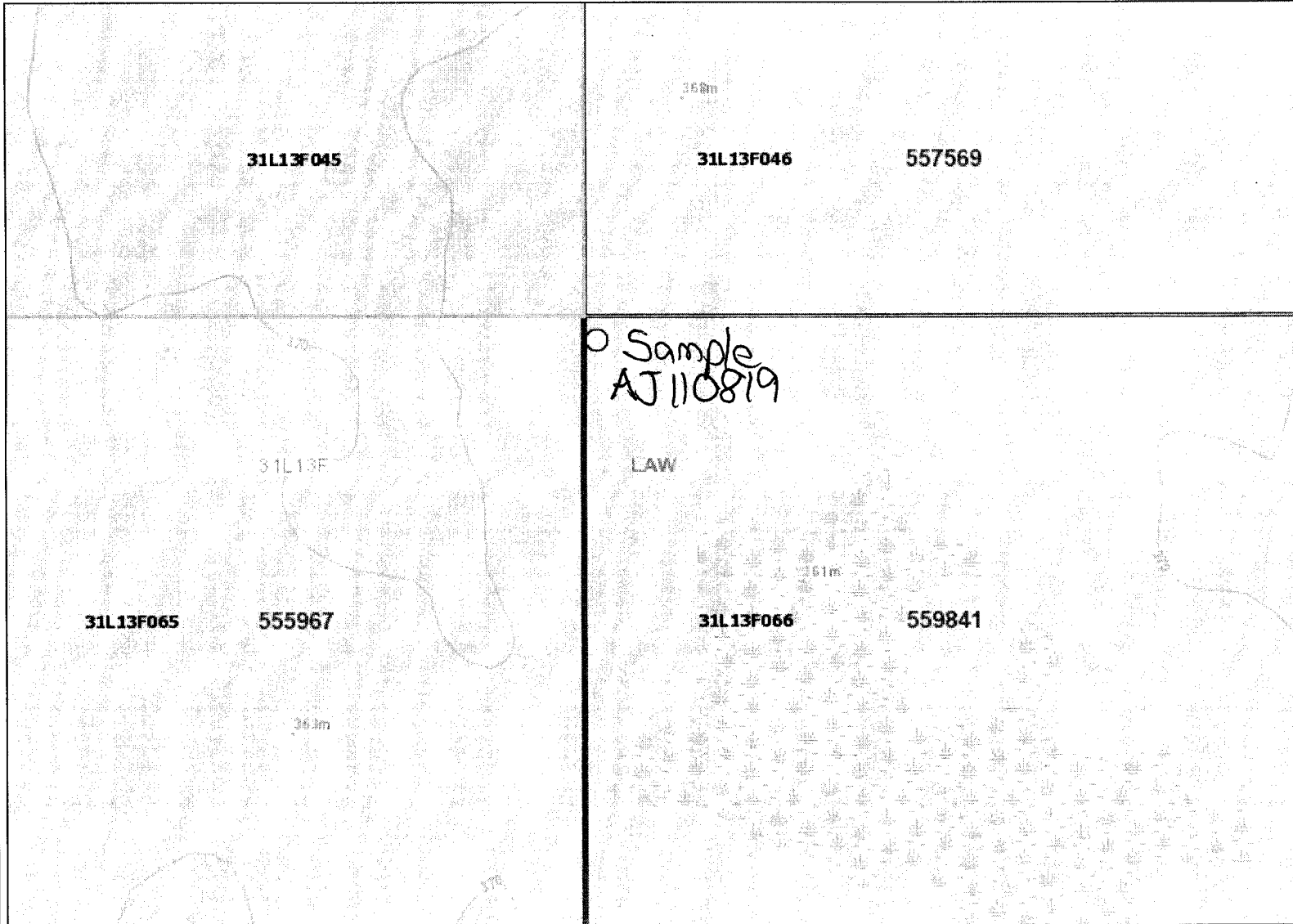
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Notes:

Debeers Sample ID - AJ110819  
Bag Number - 0099  
Claim Number - 559841



### Legend

**Provincial Grid Cell**

- Available
- Pending
- Unavailable

**Mining Claim**

- Mining Claim
- Boundary Claim

**Alienation**

- Withdrawal
- Notice

**ENDM Administrative Boundaries**

- ENDM Townships and Areas
- Geographic Lot Fabric
  - UTM Grid 1K
  - UTM Grid 10K
- Mining Division
- Mineral Exploration and Development Region
- CLUPA Protected Area - Far North
- Resident Geologist District
- Federal Land Other
- Native Reserves
- AMIS Sites
- AMIS Features
- Drill Hole
- Mineral Occurrences

**MLAS Mining History**

- Withdrawal - History
- Notice - History
- Mining Claim - History
- Mining Land Tenure - History
- Legacy Claim

**Provincial Grid**

- Provincial Grid 250K
- Provincial Grid 50K
- Provincial Grid Group

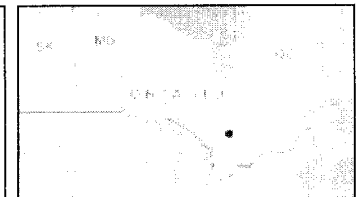
**Land Tenure**

- Surface Rights
- Mining Rights
- Mining and Surface Rights
- Order-in-Council

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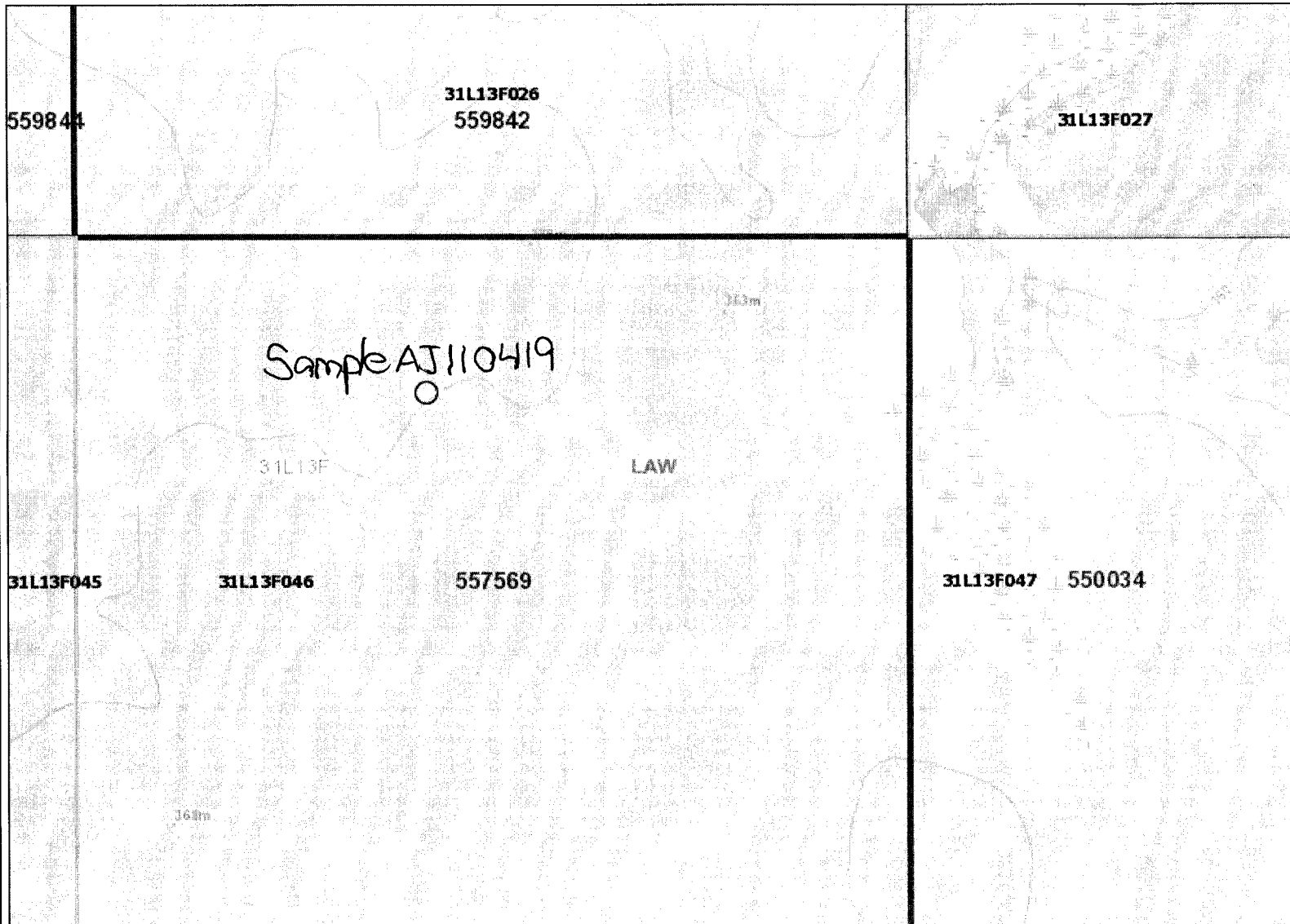
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Notes:

Debeers Sample ID - AJ110419   
Bag Number - 0801  
Claim Number - 557569



### Legend

- Provincial Grid Cell**
  - Available
  - Pending
  - Unavailable
- Mining Claim**
  - Mining Claim
  - Boundary Claim
- Alienation**
  - Withdrawal
  - Notice
- ENDM Administrative Boundaries**
  - ENDM Townships and Areas
  - Geographic Lot Fabric
    - UTM Grid 1K
    - UTM Grid 10K
  - Mining Division
  - Mineral Exploration and Development Region
  - CLUPA Protected Area - Far North
  - Resident Geologist District
  - Federal Land Other
  - Native Reserves
  - AMIS Sites
  - AMIS Features
  - Drill Hole
  - Mineral Occurrences
- MLAS Mining History**
  - Withdrawal - History
  - Notice - History
  - Mining Claim - History
  - Mining Land Tenure - History
  - Legacy Claim
- Provincial Grid**
  - Provincial Grid 250K
  - Provincial Grid 50K
  - Provincial Grid Group
- Land Tenure**
  - Surface Rights
  - Mining Rights
  - Mining and Surface Rights
  - Order-in-Council

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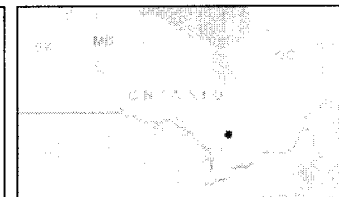
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Projection: Web Mercator



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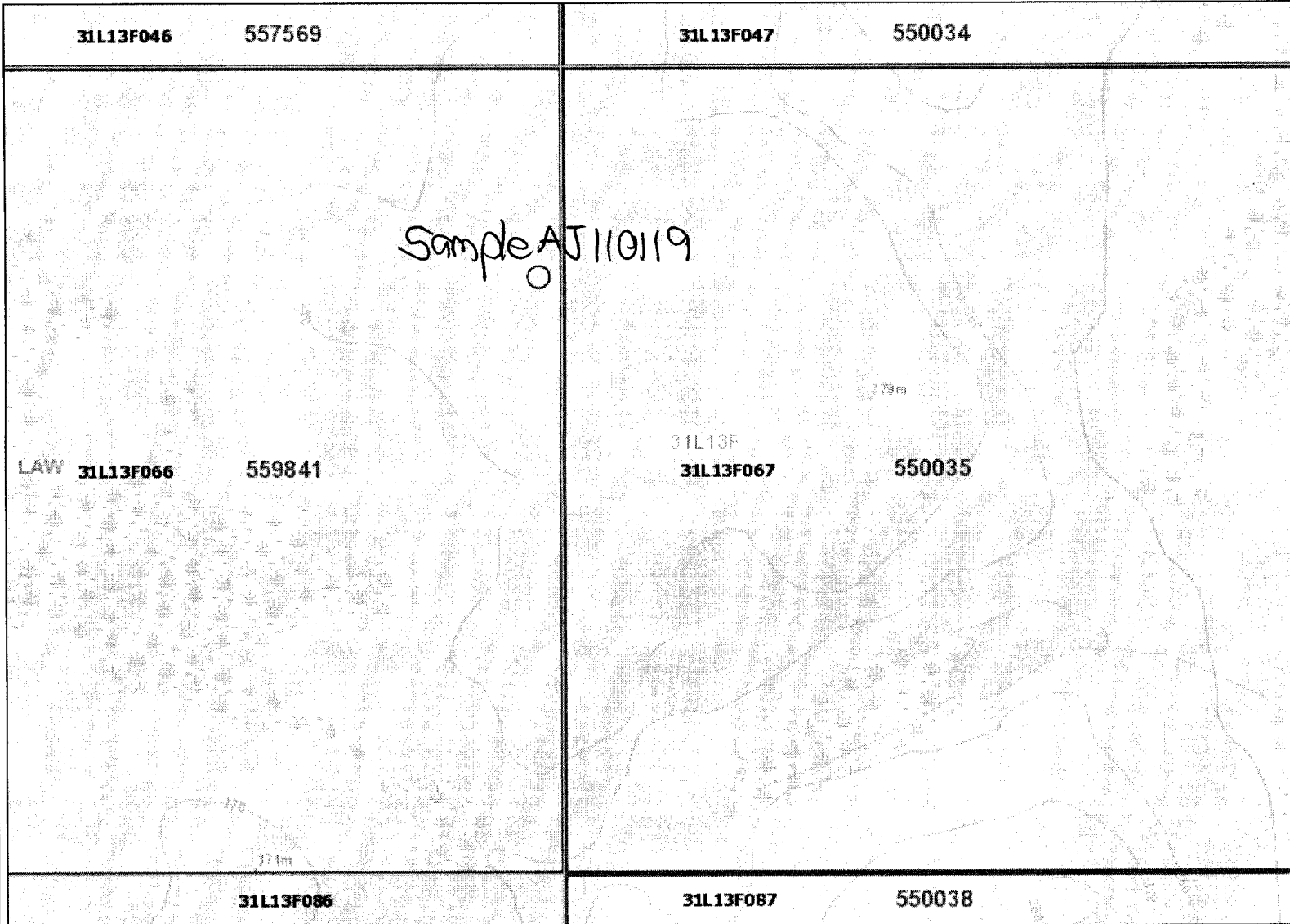






Notes:

Debeers Sample ID - AJ110119   
Bag Number - 1811  
Claim Number - 559841



### Legend

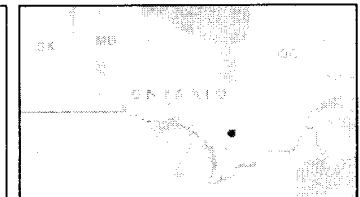
- Provincial Grid Cell**
  - Available
  - Pending
  - Unavailable
- Mining Claim**
  - Mining Claim
  - Boundary Claim
- Alienation**
  - Withdrawal
  - Notice
- ENDM Administrative Boundaries**
  - ENDM Townships and Areas
  - Geographic Lot Fabric
  - UTM Grid 1K
  - UTM Grid 10K
  - Mining Division
  - Mineral Exploration and Development Region
  - CLUPA Protected Area - Far North
  - Resident Geologist District
  - Federal Land Other
  - Native Reserves
  - AMIS Sites
  - AMIS Features
  - Drill Hole
  - Mineral Occurrences
- MLAS Mining History**
  - Withdrawal - History
  - Notice - History
  - Mining Claim - History
  - Mining Land Tenure - History
  - Legacy Claim
- Provincial Grid**
  - Provincial Grid 250K
  - Provincial Grid 50K
  - Provincial Grid Group
- Land Tenure**
  - Surface Rights
  - Mining Rights
  - Mining and Surface Rights
  - Order-in-Council

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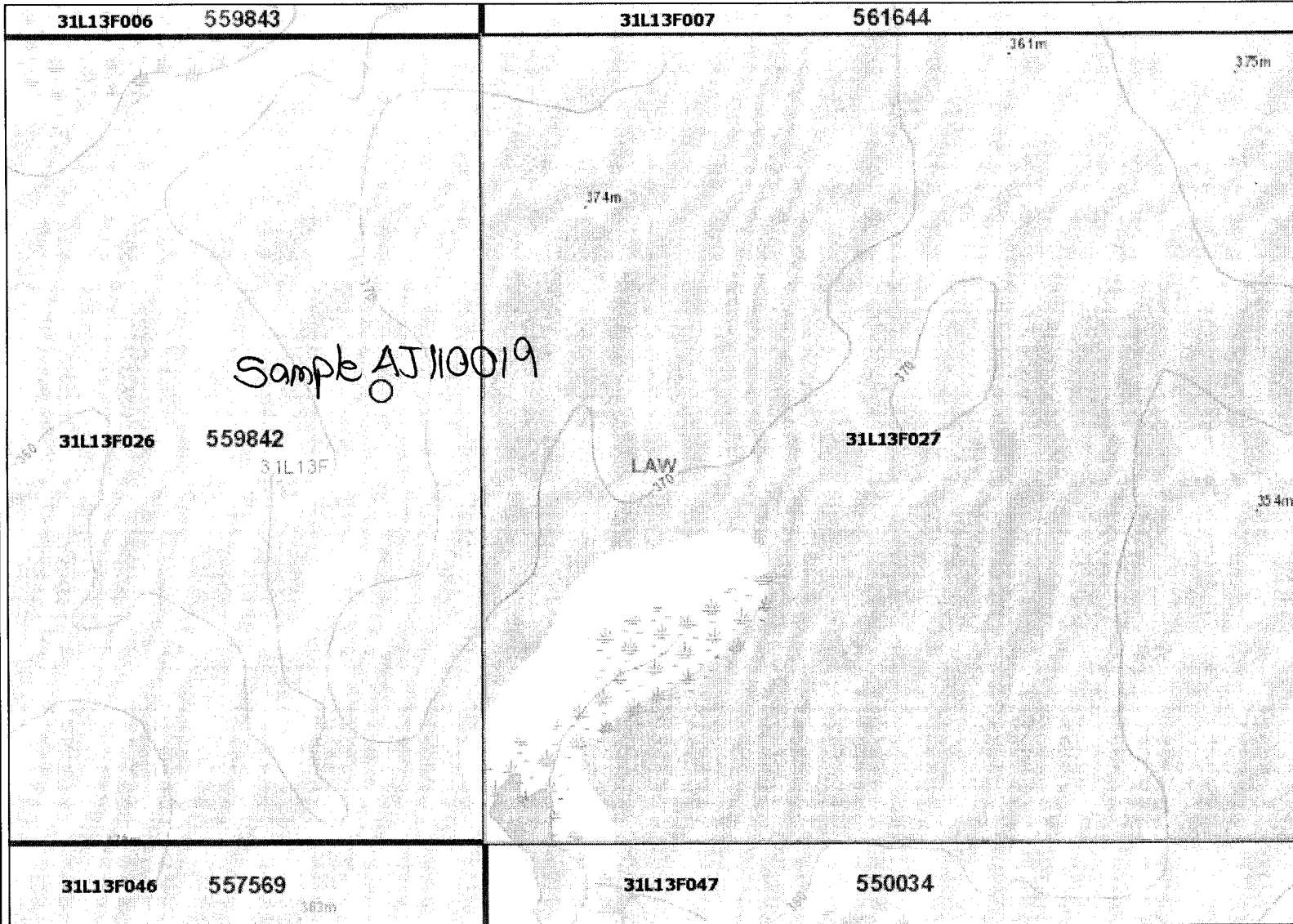


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DEVELOPMENT AND MINES  
MLAS Map Viewer

# MLAS Map

**Notes:**

Debeers Sample ID - AJ110019  
Bag Number - 2086  
Claim Number - 559842



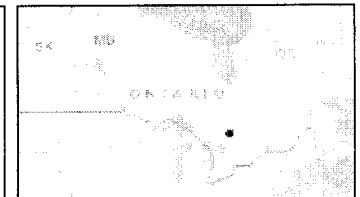
### Legend

- Provincial Grid Cell**
  - Available
  - Pending
  - Unavailable
- Mining Claim**
  - Mining Claim
  - Boundary Claim
- Alienation**
  - Withdrawal
  - Notice
- ENDM Administrative Boundaries**
  - ENDM Townships and Areas
  - Geographic Lot Fabric
  - UTM Grid 1K
  - UTM Grid 10K
  - Mining Division
  - Mineral Exploration and Development Region
  - CLUPA Protected Area - Far North
  - Resident Geologist District
  - Federal Land Other
  - Native Reserves
  - AMIS Sites
  - AMIS Features
  - Drill Hole
  - Mineral Occurrences
- MLAS Mining History**
  - Withdrawal - History
  - Notice - History
  - Mining Claim - History
  - Mining Land Tenure - History
  - Legacy Claim
- Provincial Grid**
  - Provincial Grid 250K
  - Provincial Grid 50K
  - Provincial Grid Group
- Land Tenure**
  - Surface Rights
  - Mining Rights
  - Mining and Surface Rights
  - Order-in-Council

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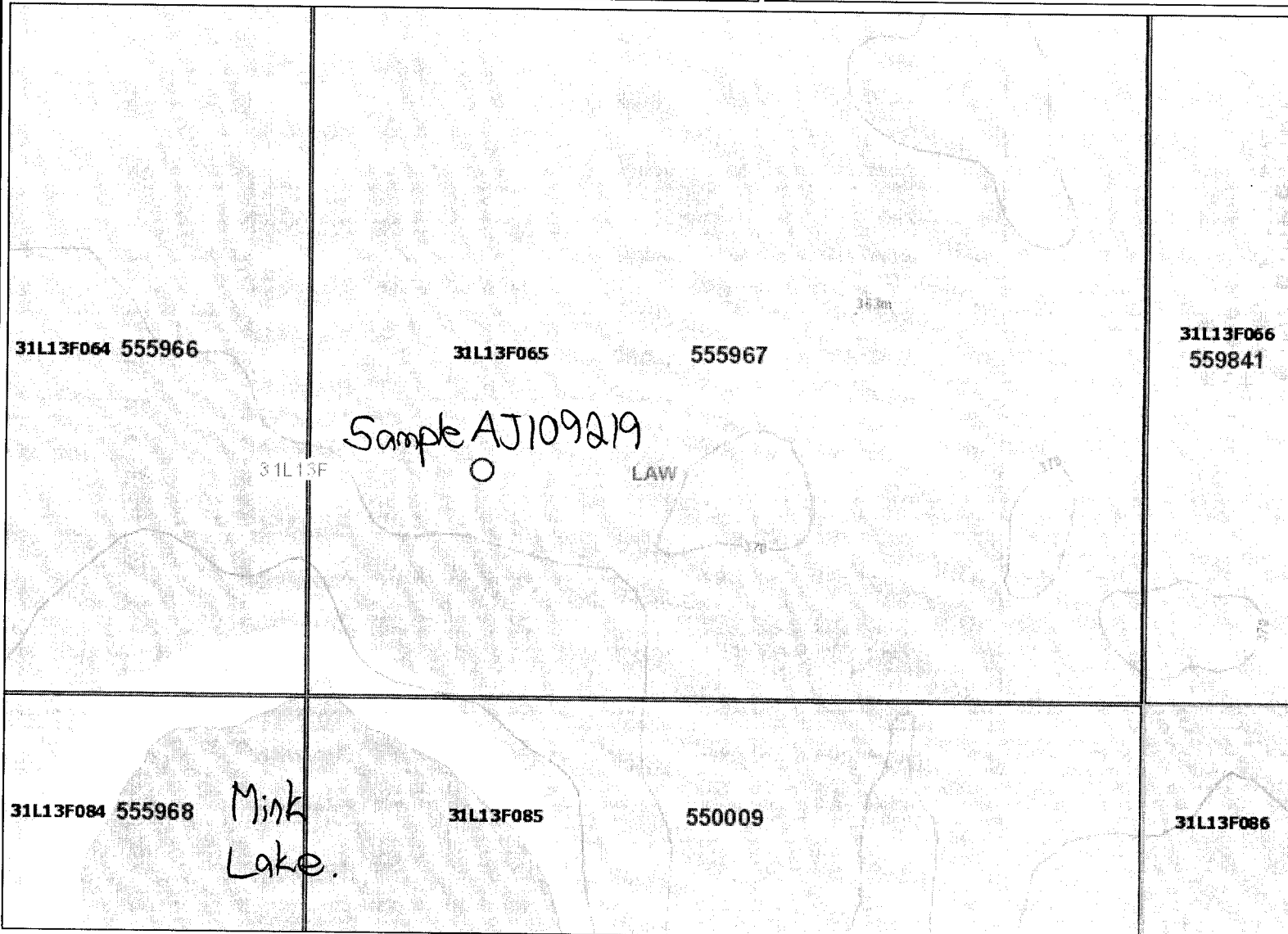
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Notes:

Debeers Sample ID - AJ109219  
Bag Number - 2278  
Claim Number - 555967



Legend

- Provincial Grid Cell**
  - Available
  - Pending
  - Unavailable
- Mining Claim**
  - Mining Claim
  - Boundary Claim
- Alienation**
  - Withdrawal
  - Notice
- ENDM Administrative Boundaries**
  - ENDM Townships and Areas
  - Geographic Lot Fabric
  - UTM Grid 1K
  - UTM Grid 10K
  - Mining Division
  - Mineral Exploration and Development Region
  - CLUPA Protected Area - Far North
  - Resident Geologist District
  - Federal Land Other
  - Native Reserves
  - AMIS Sites
  - AMIS Features
  - Drill Hole
  - Mineral Occurrences
- MLAS Mining History**
  - Withdrawal - History
  - Notice - History
  - Mining Claim - History
  - Mining Land Tenure - History
  - Legacy Claim
- Provincial Grid**
  - Provincial Grid 250K
  - Provincial Grid 50K
  - Provincial Grid Group
- Land Tenure**
  - Surface Rights
  - Mining Rights
  - Mining and Surface Rights
  - Order-in-Council

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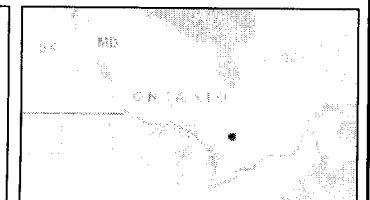
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Projection: Web Mercator



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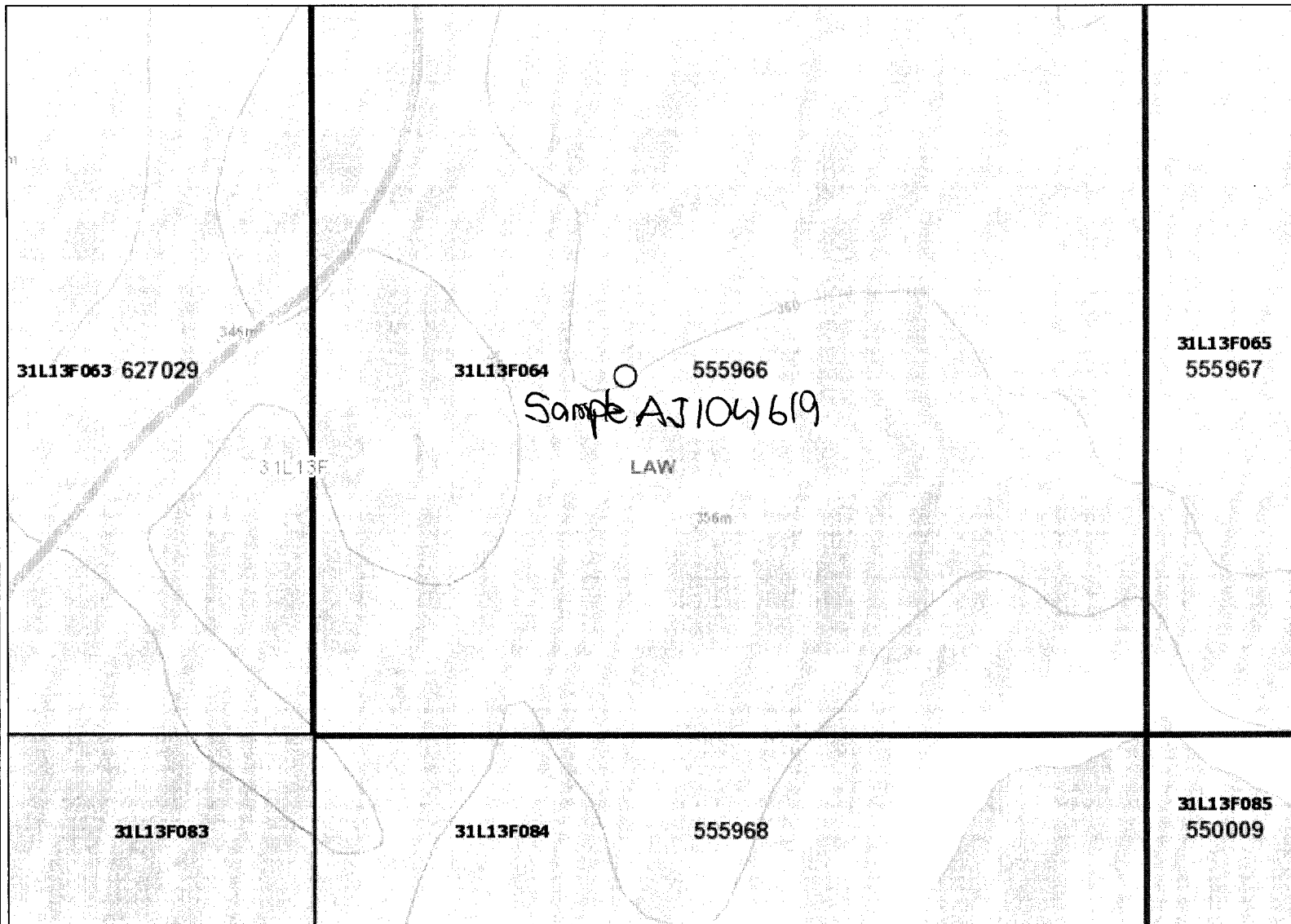
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Notes:

Debeers Sample ID - AJ104619  
Bag Number - 1122  
Claim Number - 555966



Legend

- Provincial Grid Cell**
  - Available
  - Pending
  - Unavailable
- Mining Claim**
  - Mining Claim
  - Boundary Claim
- Alienation**
  - Withdrawal
  - Notice
- ENDM Administrative Boundaries**
  - ENDM Townships and Areas
  - Geographic Lot Fabric
    - UTM Grid 1K
    - UTM Grid 10K
  - Mining Division
  - Mineral Exploration and Development Region
  - CLUPA Protected Area - Far North
  - Resident Geologist District
  - Federal Land Other
  - Native Reserves
  - AMIS Sites
  - AMIS Features
  - Drill Hole
  - Mineral Occurrences
- MLAS Mining History**
  - Withdrawal - History
  - Notice - History
  - Mining Claim - History
  - Mining Land Tenure - History
  - Legacy Claim
- Provincial Grid**
  - Provincial Grid 250K
  - Provincial Grid 50K
  - Provincial Grid Group
- Land Tenure**
  - Surface Rights
  - Mining Rights
  - Mining and Surface Rights
  - Order-in-Council

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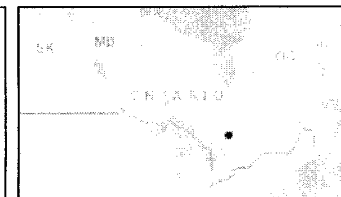
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Projection: Web Mercator



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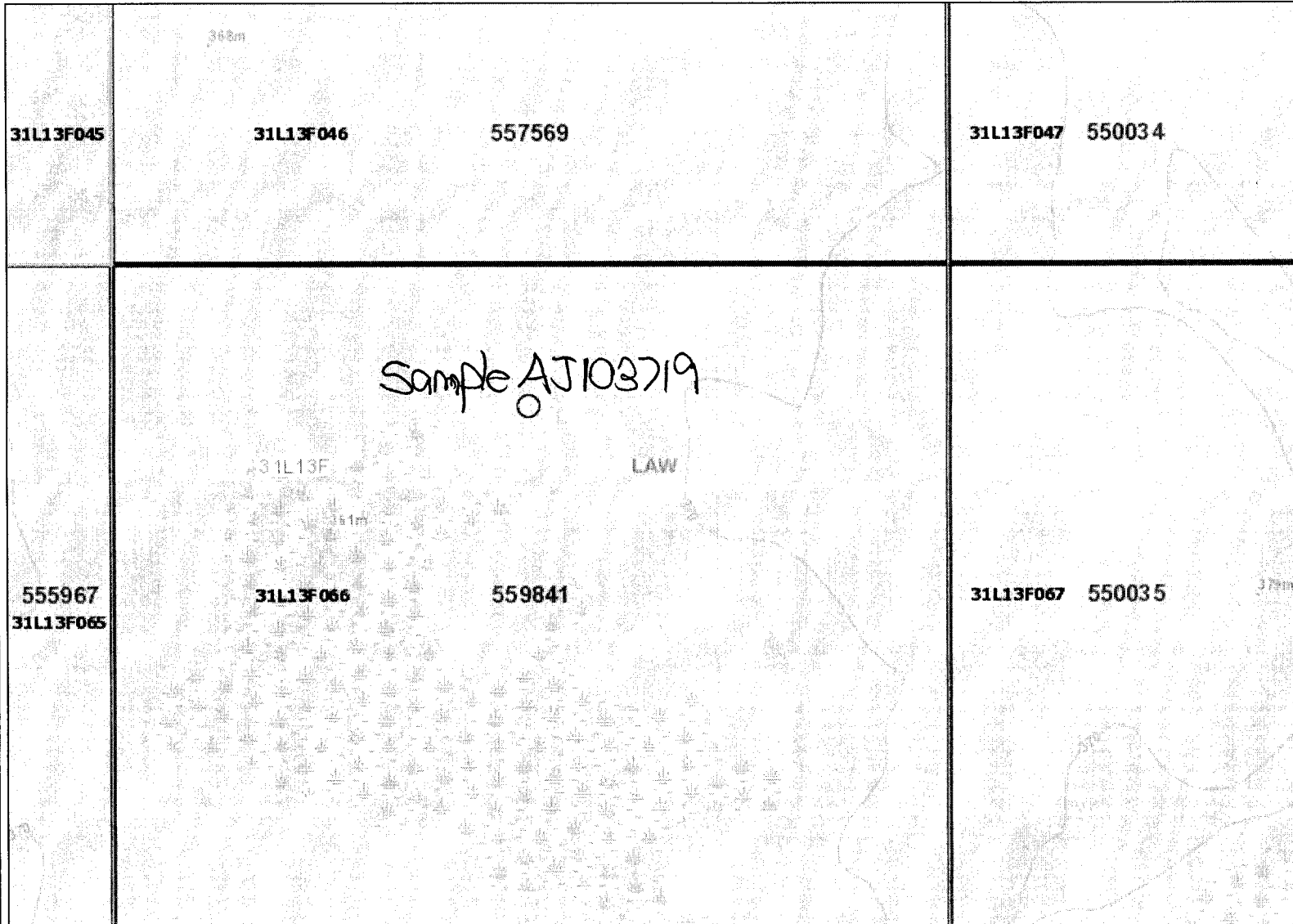
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Notes:

Debeers Sample ID - AJ103719  
Bag Number - 1835  
Claim Number - 559841



### Legend

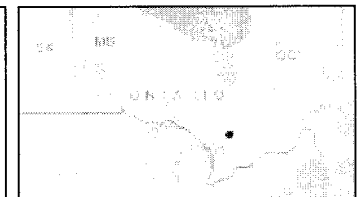
- Provincial Grid Cell**
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- Mining Claim**
  - Mining Claim
  - Boundary Claim
- Alienation**
  - Withdrawal
  - Notice
- ENDM Administrative Boundaries**
  - ENDM Townships and Areas
  - Geographic Lot Fabric
    - UTM Grid 1K
    - UTM Grid 10K
  - Mining Division
  - Mineral Exploration and Development Region
  - CLUPA Protected Area - Far North
  - Resident Geologist District
  - Federal Land Other
  - Native Reserves
  - AMIS Sites
  - AMIS Features
  - Drill Hole
  - Mineral Occurrences
- MLAS Mining History**
  - Withdrawal - History
  - Notice - History
  - Mining Claim - History
  - Mining Land Tenure - History
  - Legacy Claim
- Provincial Grid**
  - Provincial Grid 250K
  - Provincial Grid 50K
  - Provincial Grid Group
- Land Tenure**
  - Surface Rights
  - Mining Rights
  - Mining and Surface Rights
  - Order-in-Council

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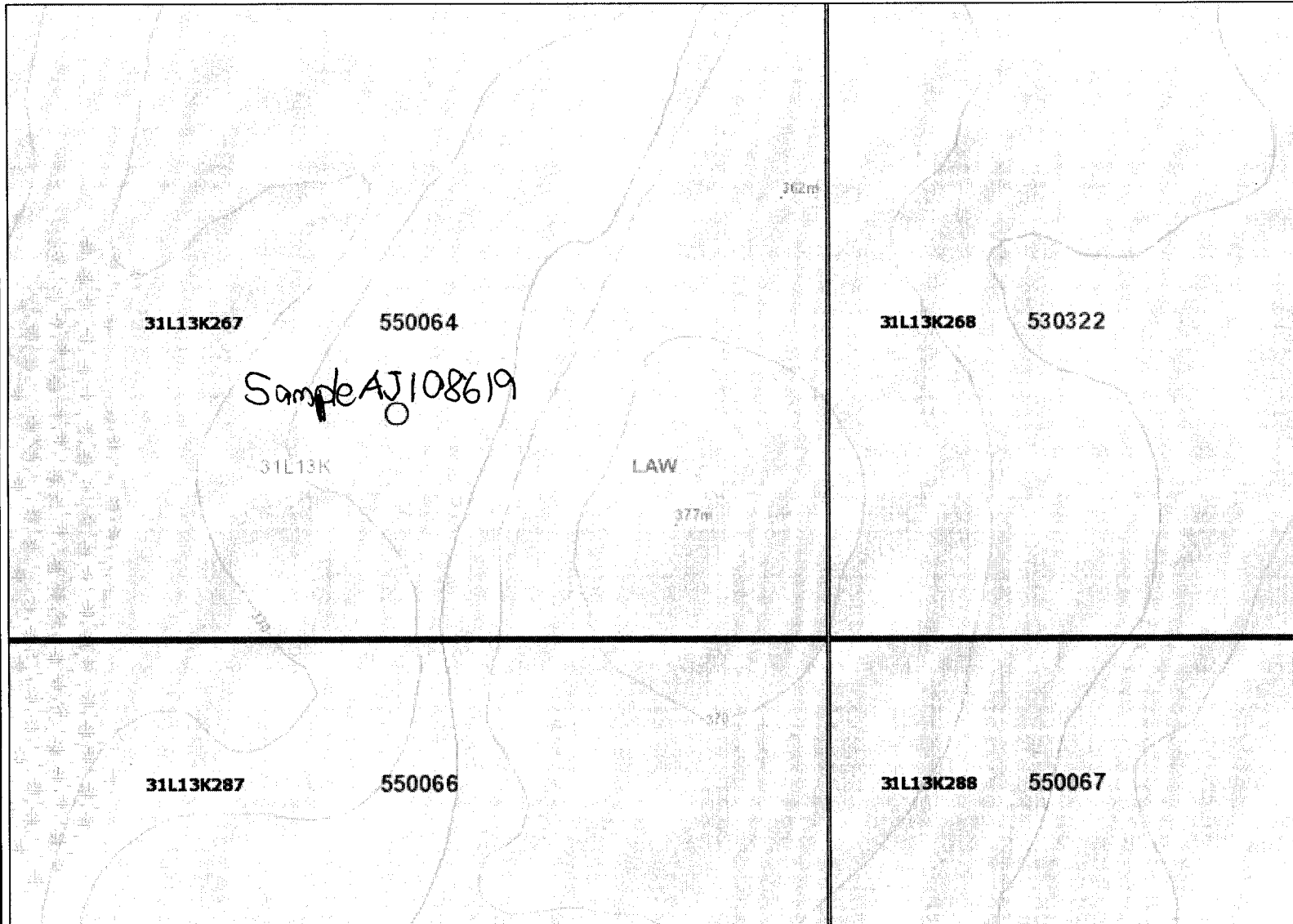


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DEVELOPMENT AND MINES  
MLAS Map Viewer

# MLAS Map

**Notes:**

Debeers Sample ID - AJ108619   
Bag Number - 1340  
Claim Number - 550064



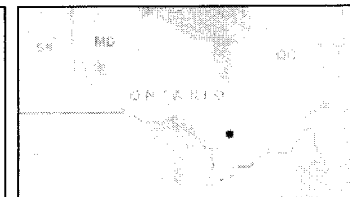
### Legend

- Provincial Grid Cell**
  - Available
  - Pending
  - Unavailable
- Mining Claim**
  - Mining Claim
  - Boundary Claim
- Alienation**
  - Withdrawal
  - Notice
- ENDM Administrative Boundaries**
  - ENDM Townships and Areas
  - Geographic Lot Fabric
  - UTM Grid 1K
  - UTM Grid 10K
  - Mining Division
  - Mineral Exploration and Development Region
  - CLUPA Protected Area - Far North
  - Resident Geologist District
  - Federal Land Other
  - Native Reserves
- AMIS Sites**
  - AMIS Sites
  - AMIS Features
  - Drill Hole
  - Mineral Occurrences
- MLAS Mining History**
  - Withdrawal - History
  - Notice - History
  - Mining Claim - History
  - Mining Land Tenure - History
  - Legacy Claim
- Provincial Grid**
  - Provincial Grid 250K
  - Provincial Grid 50K
  - Provincial Grid Group
- Land Tenure**
  - Surface Rights
  - Mining Rights
  - Mining and Surface Rights
  - Order-in-Council

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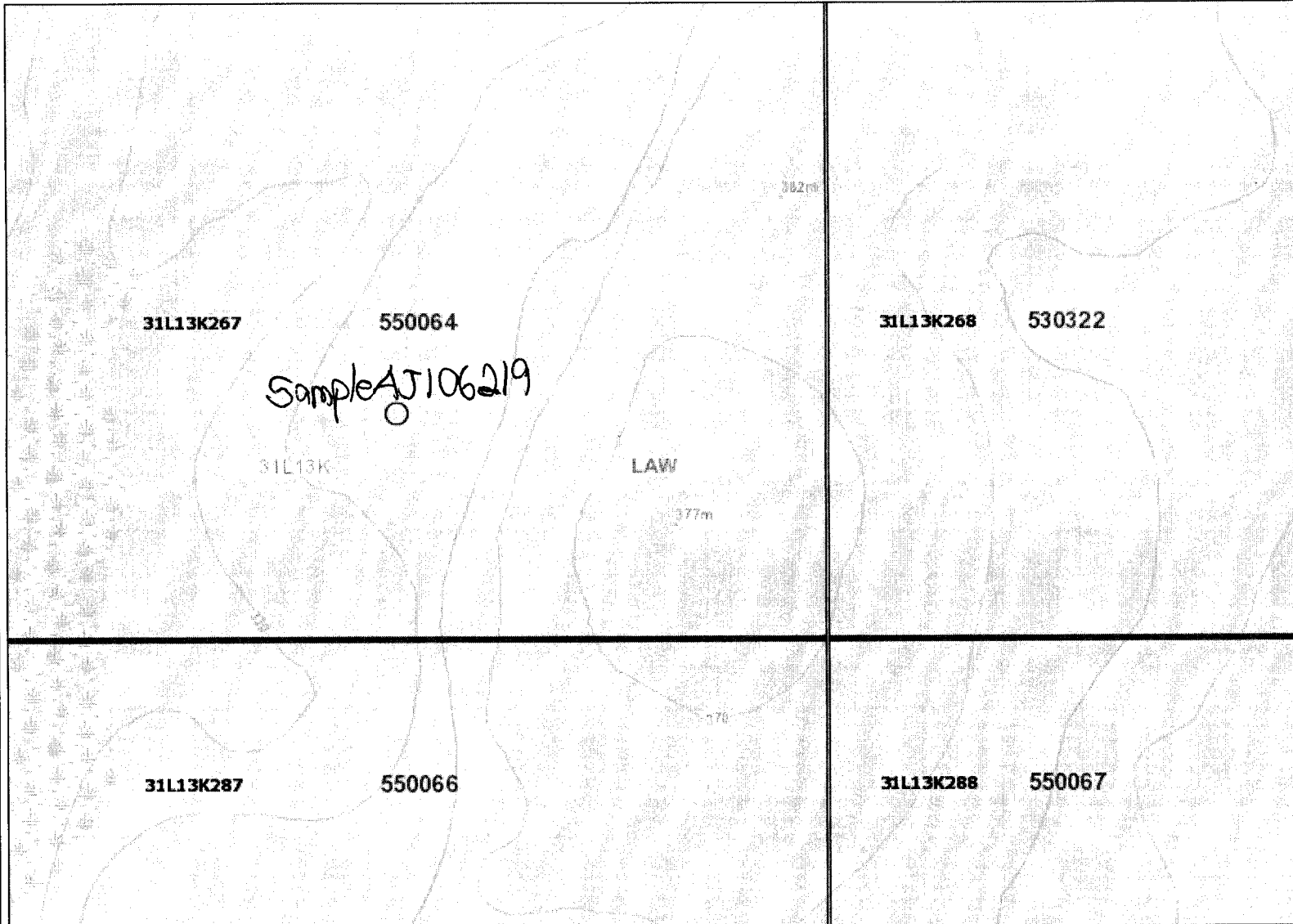
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Notes:

Debeers Sample ID - AJ106219  
Bag Number - 2255  
Claim Number - 550064



### Legend

- Provincial Grid Cell**
  - Available
  - Pending
  - Unavailable
- Mining Claim**
  - Mining Claim
  - Boundary Claim
- Alienation**
  - Withdrawal
  - Notice
- ENDM Administrative Boundaries**
  - ENDM Townships and Areas
  - Geographic Lot Fabric
  - UTM Grid 1K
  - UTM Grid 10K
  - Mining Division
  - Mineral Exploration and Development Region
  - CLUPA Protected Area - Far North
  - Resident Geologist District
  - Federal Land Other
  - Native Reserves
  - AMIS Sites
  - AMIS Features
  - Drill Hole
  - Mineral Occurrences
- MLAS Mining History**
  - Withdrawal - History
  - Notice - History
  - Mining Claim - History
  - Mining Land Tenure - History
  - Legacy Claim
- Provincial Grid**
  - Provincial Grid 250K
  - Provincial Grid 50K
  - Provincial Grid Group
- Land Tenure**
  - Surface Rights
  - Mining Rights
  - Mining and Surface Rights
  - Order-in-Council

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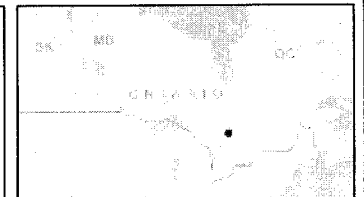


Projection: Web Mercator



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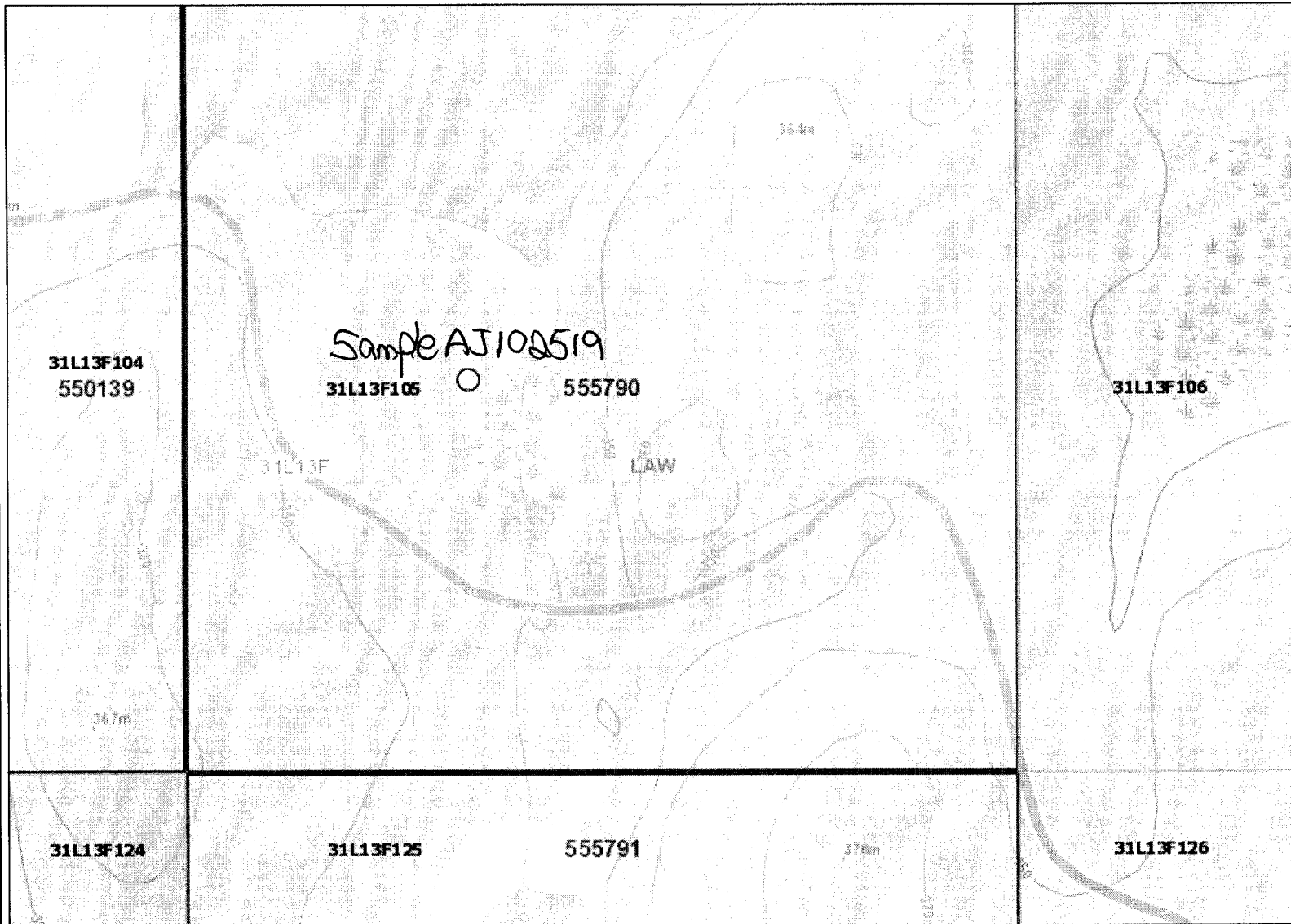
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Notes:

Debeers Sample ID - AJ102519  
Bag Number - 4014  
Claim Number - 555790



### Legend

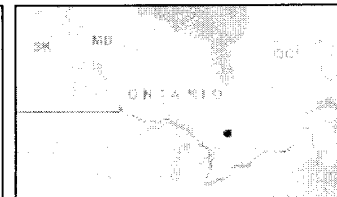
- Provincial Grid Cell**
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  - Pending
  - Unavailable
- Mining Claim**
  - Mining Claim
  - Boundary Claim
- Alienation**
  - Withdrawal
  - Notice
- ENDM Administrative Boundaries**
  - ENDM Townships and Areas
  - Geographic Lot Fabric
  - UTM Grid 1K
  - UTM Grid 10K
  - Mining Division
  - Mineral Exploration and Development Region
  - CLUPA Protected Area - Far North
  - Resident Geologist District
  - Federal Land Other
  - Native Reserves
  - AMIS Sites
  - AMIS Features
  - Drill Hole
  - Mineral Occurrences
- MLAS Mining History**
  - Withdrawal - History
  - Notice - History
  - Mining Claim - History
  - Mining Land Tenure - History
  - Legacy Claim
- Provincial Grid**
  - Provincial Grid 250K
  - Provincial Grid 50K
  - Provincial Grid Group
- Land Tenure**
  - Surface Rights
  - Mining Rights
  - Mining and Surface Rights
  - Order-in-Council

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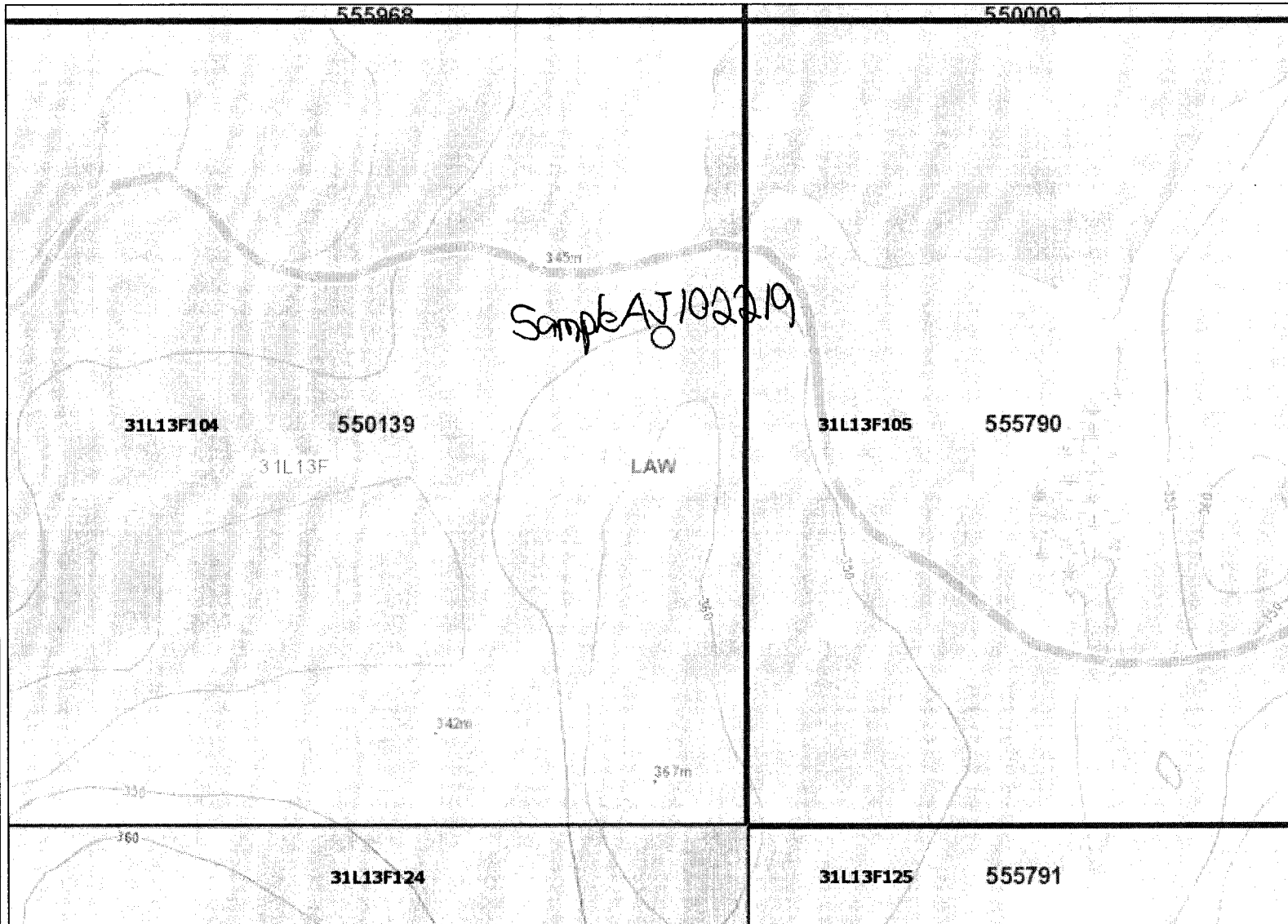






Notes:

Debeers Sample ID - AJ102219  
Bag Number - 1599  
Claim Number - 550319



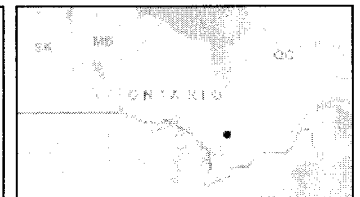
### Legend

- Provincial Grid Cell**
  - Available
  - Pending
  - Unavailable
- Mining Claim**
  - Mining Claim
  - Boundary Claim
- Alienation**
  - Withdrawal
  - Notice
- ENDM Administrative Boundaries**
  - ENDM Townships and Areas
  - Geographic Lot Fabric
  - UTM Grid 1K
  - UTM Grid 10K
  - Mining Division
  - Mineral Exploration and Development Region
  - CLUPA Protected Area - Far North
  - Resident Geologist District
  - Federal Land Other
  - Native Reserves
  - AMIS Sites
  - AMIS Features
  - Drill Hole
  - Mineral Occurrences
- MLAS Mining History**
  - Withdrawal - History
  - Notice - History
  - Mining Claim - History
  - Mining Land Tenure - History
  - Legacy Claim
- Provincial Grid**
  - Provincial Grid 250K
  - Provincial Grid 50K
  - Provincial Grid Group
- Land Tenure**
  - Surface Rights
  - Mining Rights
  - Mining and Surface Rights
  - Order-in-Council

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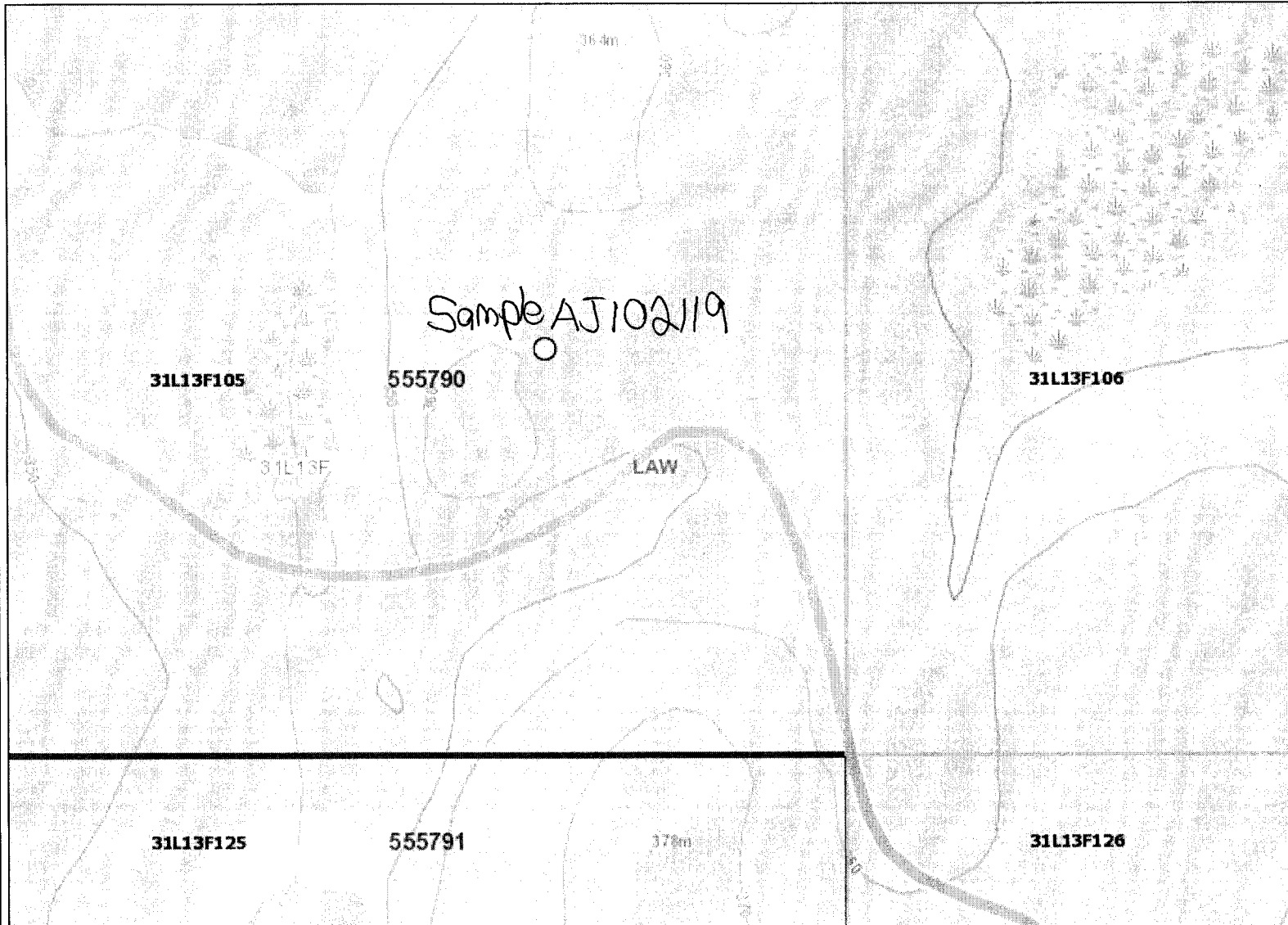
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Notes:

Debeers Sample ID - AJ102119  
Bag Number - 0203  
Claim Number - 550009



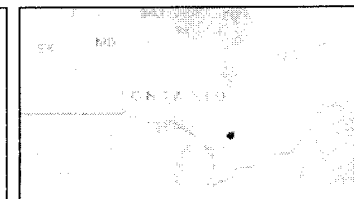
### Legend

- Provincial Grid Cell**
  - Available
  - Pending
  - Unavailable
- Mining Claim**
  - Mining Claim
  - Boundary Claim
- Alienation**
  - Withdrawal
  - Notice
- ENDM Administrative Boundaries**
  - ENDM Townships and Areas
  - Geographic Lot Fabric
  - UTM Grid 1K
  - UTM Grid 10K
  - Mining Division
  - Mineral Exploration and Development Region
  - CLUPA Protected Area - Far North
  - Resident Geologist District
  - Federal Land Other
  - Native Reserves
- AMIS Sites**
  - AMIS Sites
  - AMIS Features
  - Drill Hole
  - Mineral Occurrences
- MLAS Mining History**
  - Withdrawal - History
  - Notice - History
  - Mining Claim - History
  - Mining Land Tenure - History
  - Legacy Claim
- Provincial Grid**
  - Provincial Grid 250K
  - Provincial Grid 50K
  - Provincial Grid Group
- Land Tenure**
  - Surface Rights
  - Mining Rights
  - Mining and Surface Rights
  - Order-in-Council

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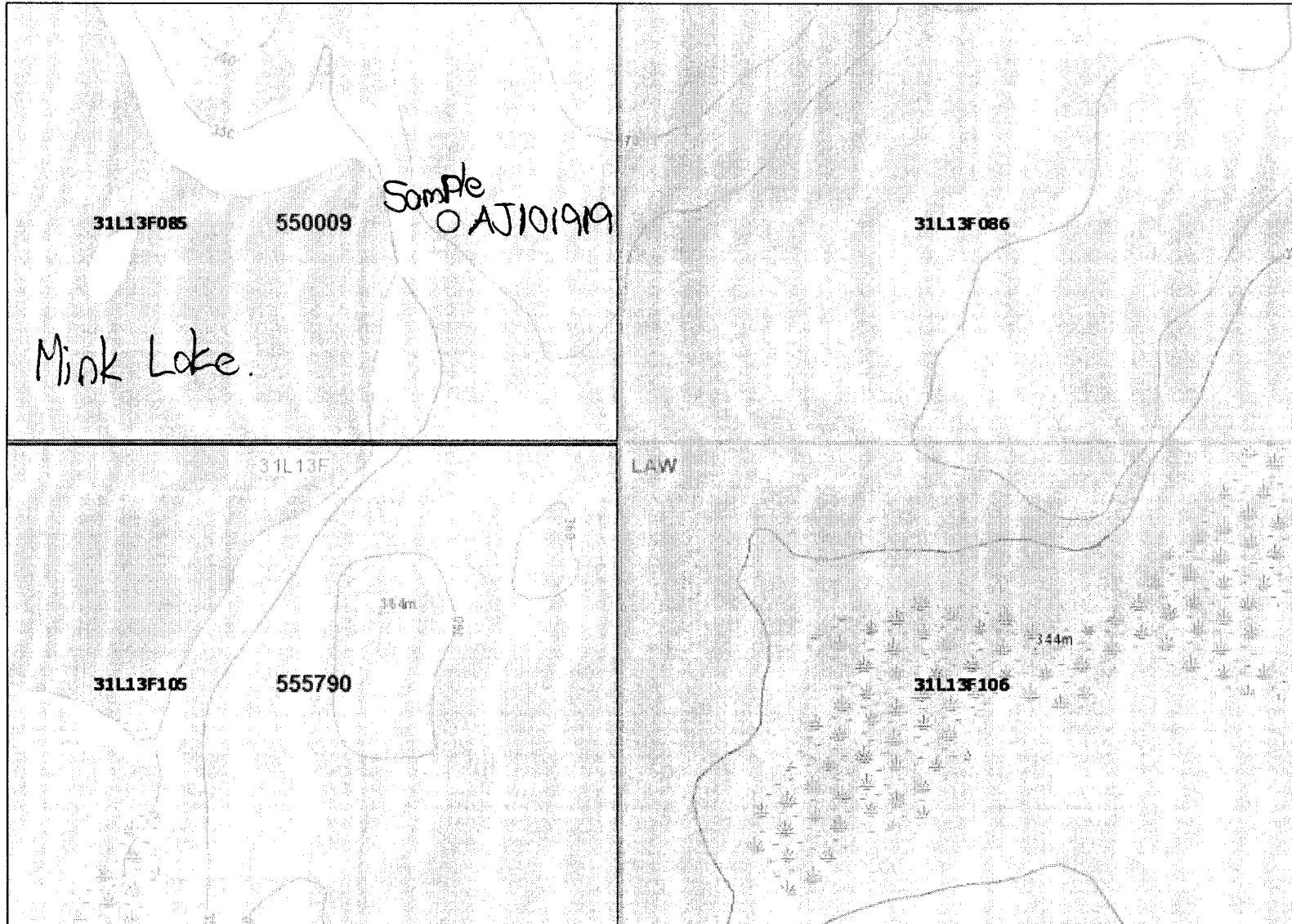
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Notes:

Debeers Sample ID - AJ101919  
Bag Number - 2485  
Claim Number - 550009



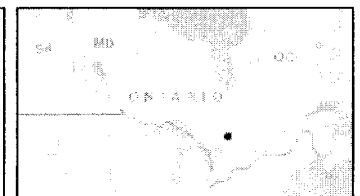
### Legend

- Provincial Grid Cell**
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- Mining Claim**
  - Mining Claim
  - Boundary Claim
- Alienation**
  - Withdrawal
  - Notice
- ENDM Administrative Boundaries**
  - ENDM Townships and Areas
  - Geographic Lot Fabric
  - UTM Grid 1K
  - UTM Grid 10K
  - Mining Division
  - Mineral Exploration and Development Region
  - CLUPA Protected Area - Far North
  - Resident Geologist District
  - Federal Land Other
  - Native Reserves
- AMIS Sites**
  - AMIS Sites
  - AMIS Features
  - Drill Hole
  - Mineral Occurrences
- MLAS Mining History**
  - Withdrawal - History
  - Notice - History
  - Mining Claim - History
  - Mining Land Tenure - History
  - Legacy Claim
- Provincial Grid**
  - Provincial Grid 250K
  - Provincial Grid 50K
  - Provincial Grid Group
- Land Tenure**
  - Surface Rights
  - Mining Rights
  - Mining and Surface Rights
  - Order-in-Council

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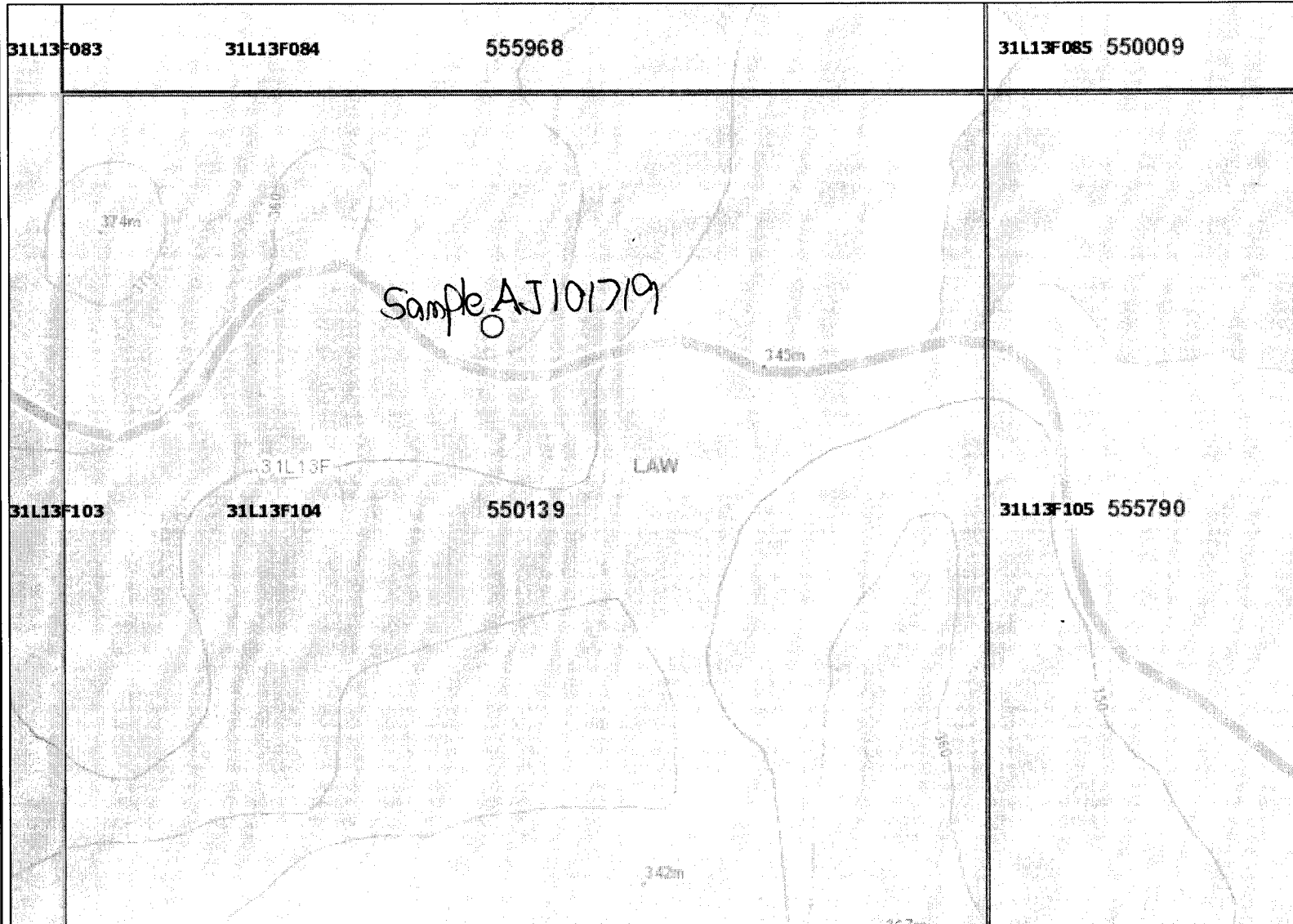
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Notes:

Debeers Sample ID - AJ101719  
Bag Number - 0668  
Claim Number - 550139



### Legend

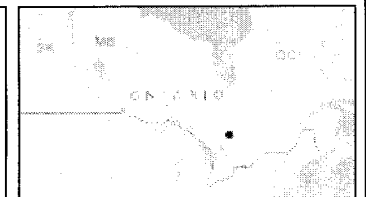
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  - Unavailable
- Mining Claim**
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  - Boundary Claim
- Alienation**
  - Withdrawal
  - Notice
- ENDM Administrative Boundaries**
  - ENDM Townships and Areas
  - Geographic Lot Fabric
  - UTM Grid 1K
  - UTM Grid 10K
  - Mining Division
  - Mineral Exploration and Development Region
  - CLUPA Protected Area - Far North
  - Resident Geologist District
  - Federal Land Other
  - Native Reserves
  - AMIS Sites
  - AMIS Features
  - Drill Hole
  - Mineral Occurrences
- MLAS Mining History**
  - Withdrawal - History
  - Notice - History
  - Mining Claim - History
  - Mining Land Tenure - History
  - Legacy Claim
- Provincial Grid**
  - Provincial Grid 250K
  - Provincial Grid 50K
  - Provincial Grid Group
- Land Tenure**
  - Surface Rights
  - Mining Rights
  - Mining and Surface Rights
  - Order-in-Council

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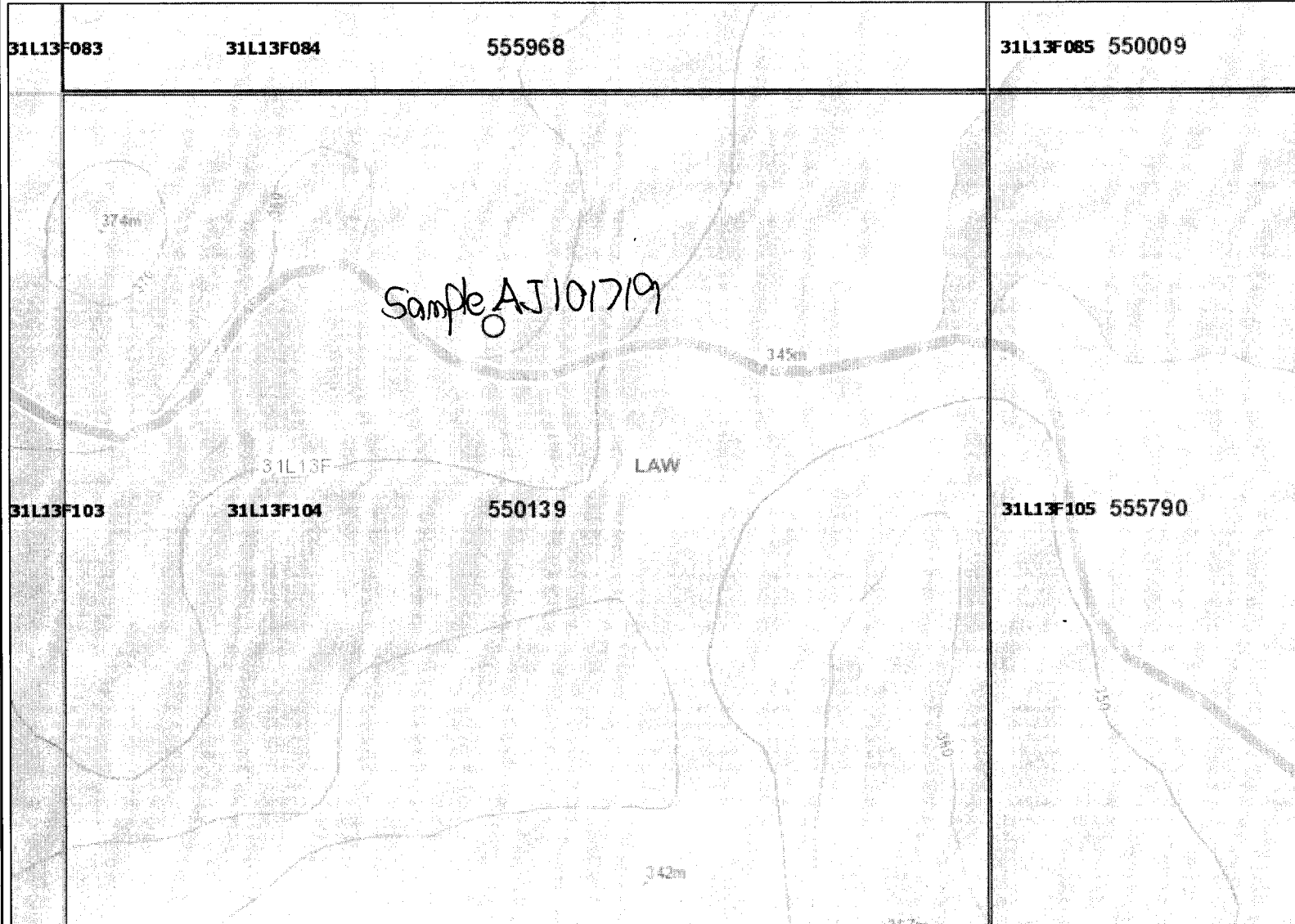
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Notes:

Debeers Sample ID - AJ101719  
Bag Number - 0668  
Claim Number - 550139



### Legend

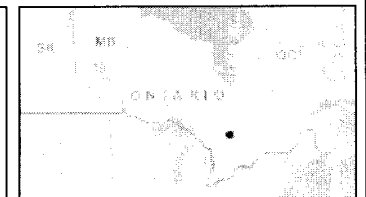
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  - Unavailable
- Mining Claim**
  - Mining Claim
  - Boundary Claim
- Alienation**
  - Withdrawal
  - Notice
- ENDM Administrative Boundaries**
  - ENDM Townships and Areas
  - Geographic Lot Fabric
    - UTM Grid 1K
    - UTM Grid 10K
  - Mining Division
  - Mineral Exploration and Development Region
  - CLUPA Protected Area - Far North
  - Resident Geologist District
  - Federal Land Other
  - Native Reserves
- AMIS Sites**
  - AMIS Sites
  - AMIS Features
  - Drill Hole
  - Mineral Occurrences
- MLAS Mining History**
  - Withdrawal - History
  - Notice - History
  - Mining Claim - History
  - Mining Land Tenure - History
  - Legacy Claim
- Provincial Grid**
  - Provincial Grid 250K
  - Provincial Grid 50K
  - Provincial Grid Group
- Land Tenure**
  - Surface Rights
  - Mining Rights
  - Mining and Surface Rights
  - Order-in-Council

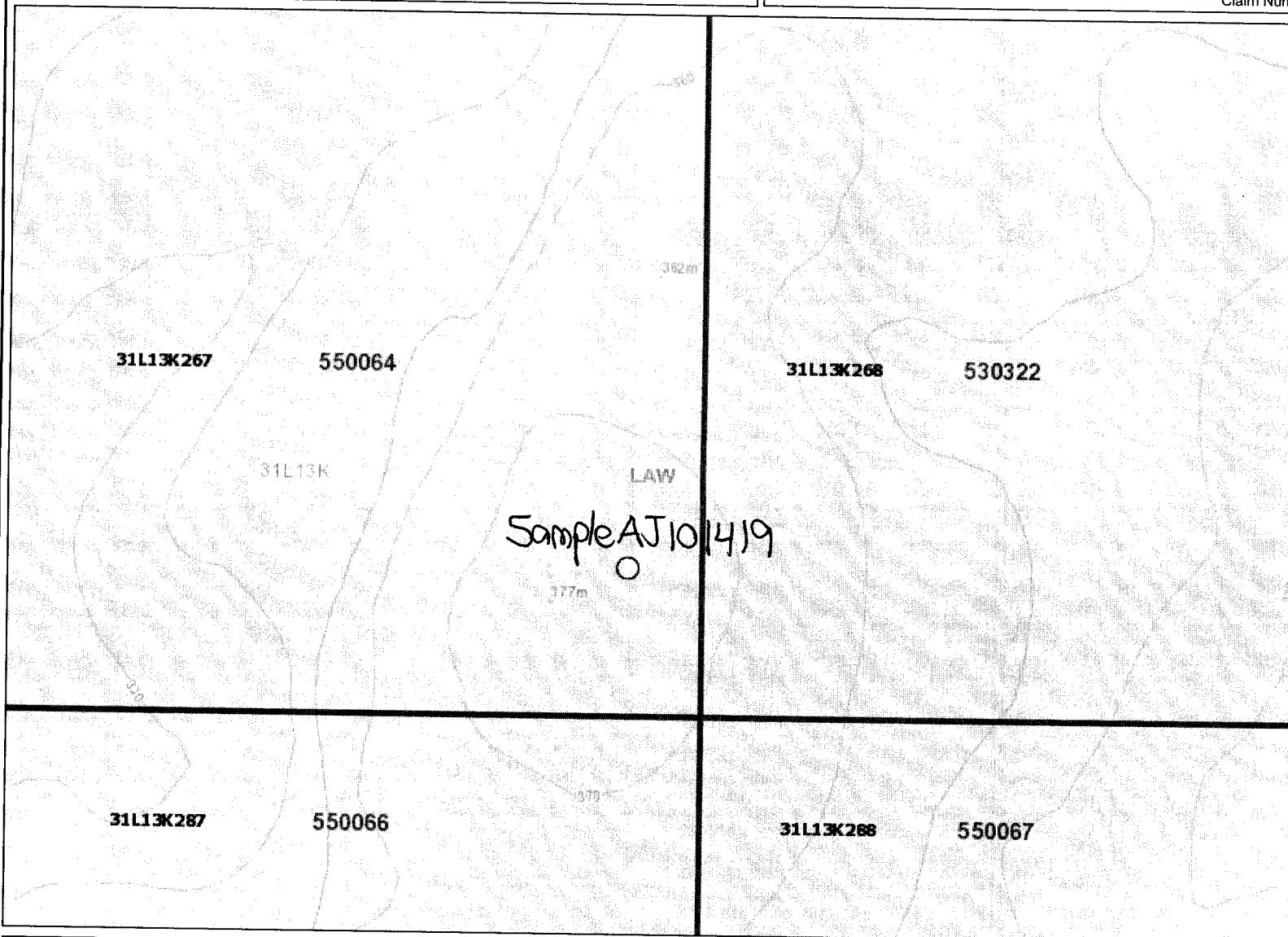
Those wishing to register mining claims should consult with the Provincial Mining Recorders' Office of the Ministry of Energy, Northern Development and Mines for additional information on the status of the lands shown hereon. This map is not intended for navigational, survey, or land title determination purposes as the information shown on this map is compiled from various sources. Completeness and accuracy are not guaranteed. Additional information may also be obtained through the local Land Titles or Registry Office, or the Ministry of Natural Resources and Forestry. The information shown is derived from digital data available in the Provincial Mining Recorders' Office at the time of downloading from the Ministry of Energy, Northern Development and Mines web site.




































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**Legend**

- Provincial Grid Cell**
  -  Available
  -  Pending
  -  Unavailable
- Mining Claim**
  -  Mining Claim
  -  Boundary Claim
- Alienation**
  -  Withdrawal
  -  Notice
- ENDM Administrative Boundaries**
  -  ENDM Townships and Areas
  -  Geographic Lot Fabric
  -  UTM Grid 1K
  -  UTM Grid 10K
  -  Mining Division
  -  Mineral Exploration and Development Region
  -  CLUPA Protected Area - Far North
  -  Resident Geologist District
  -  Federal Land Other
  -  Native Reserves
  -  AMIS Sites
  -  AMIS Features
  -  Drill Hole
  -  Mineral Occurrences
- MLAS Mining History**
  -  Withdrawal - History
  -  Notice - History
  -  Mining Claim - History
  -  Mining Land Tenure - History
  -  Legacy Claim
- Provincial Grid**
  -  Provincial Grid 250K
  -  Provincial Grid 50K
  -  Provincial Grid Group
- Land Tenure**
  -  Surface Rights
  -  Mining Rights
  -  Mining and Surface Rights
  -  Order-in-Council

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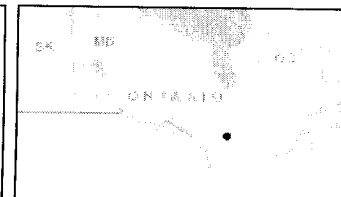
0  0.17 km

Projection: Web Mercator



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DigitalGlobe Inc.; U.S. Geological Survey.

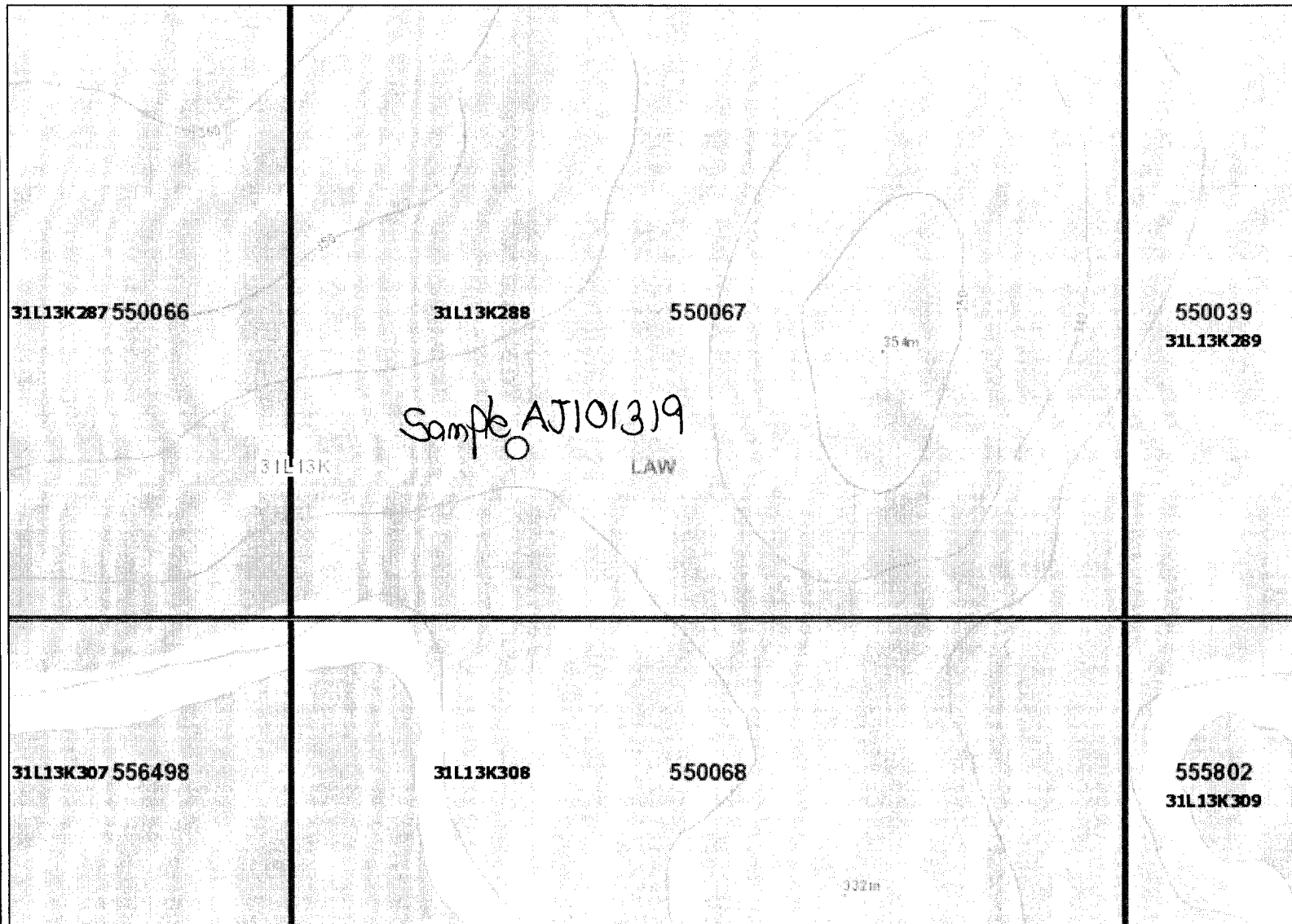
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Notes:

Debeers Sample ID - AJ101319   
Bag Number - 1862  
Claim Number - 550067



### Legend

- Provincial Grid Cell**
  - Available
  - Pending
  - Unavailable
- Mining Claim**
  - Mining Claim
  - Boundary Claim
- Alienation**
  - Withdrawal
  - Notice
- ENDM Administrative Boundaries**
  - ENDM Townships and Areas
  - Geographic Lot Fabric
    - UTM Grid 1K
    - UTM Grid 10K
  - Mining Division
  - Mineral Exploration and Development Region
  - CLUPA Protected Area - Far North
  - Resident Geologist District
  - Federal Land Other
  - Native Reserves
  - AMIS Sites
  - AMIS Features
  - Drill Hole
  - Mineral Occurrences
- MLAS Mining History**
  - Withdrawal - History
  - Notice - History
  - Mining Claim - History
  - Mining Land Tenure - History
  - Legacy Claim
- Provincial Grid**
  - Provincial Grid 250K
  - Provincial Grid 50K
  - Provincial Grid Group
- Land Tenure**
  - Surface Rights
  - Mining Rights
  - Mining and Surface Rights
  - Order-in-Council

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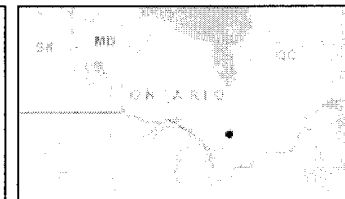
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Projection: Web Mercator



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NASA Landsat Program; First Base Solutions Inc.; Aéro-Photo (1961) Inc.;  
DigitalGlobe Inc.; U.S. Geological Survey.

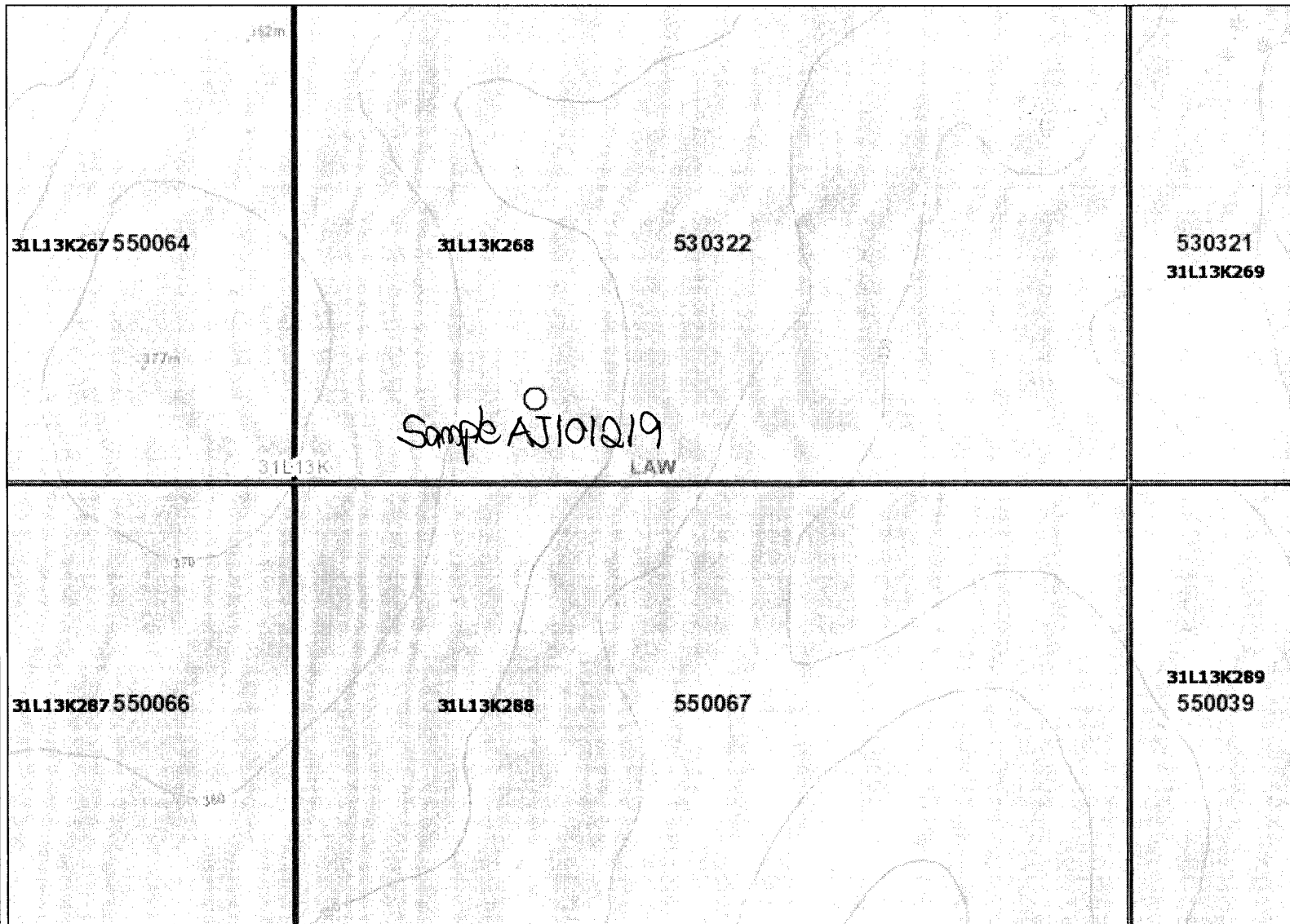
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Notes:

Debeers Sample ID - AJ101219  
Bag Number - 3749  
Claim Number - 530322



### Legend

- Provincial Grid Cell**
  - Available
  - Pending
  - Unavailable
- Mining Claim**
  - Mining Claim
  - Boundary Claim
- Alienation**
  - Withdrawal
  - Notice
- ENDM Administrative Boundaries**
  - ENDM Townships and Areas
  - Geographic Lot Fabric
  - UTM Grid 1K
  - UTM Grid 10K
  - Mining Division
  - Mineral Exploration and Development Region
  - CLUPA Protected Area - Far North
  - Resident Geologist District
  - Federal Land Other
  - Native Reserves
  - AMIS Sites
  - AMIS Features
  - Drill Hole
  - Mineral Occurrences
- MLAS Mining History**
  - Withdrawal - History
  - Notice - History
  - Mining Claim - History
  - Mining Land Tenure - History
  - Legacy Claim
- Provincial Grid**
  - Provincial Grid 250K
  - Provincial Grid 50K
  - Provincial Grid Group
- Land Tenure**
  - Surface Rights
  - Mining Rights
  - Mining and Surface Rights
  - Order-in-Council

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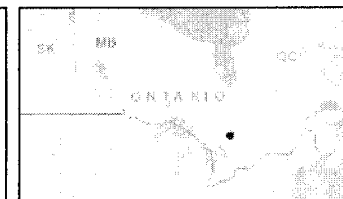
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Projection: Web Mercator



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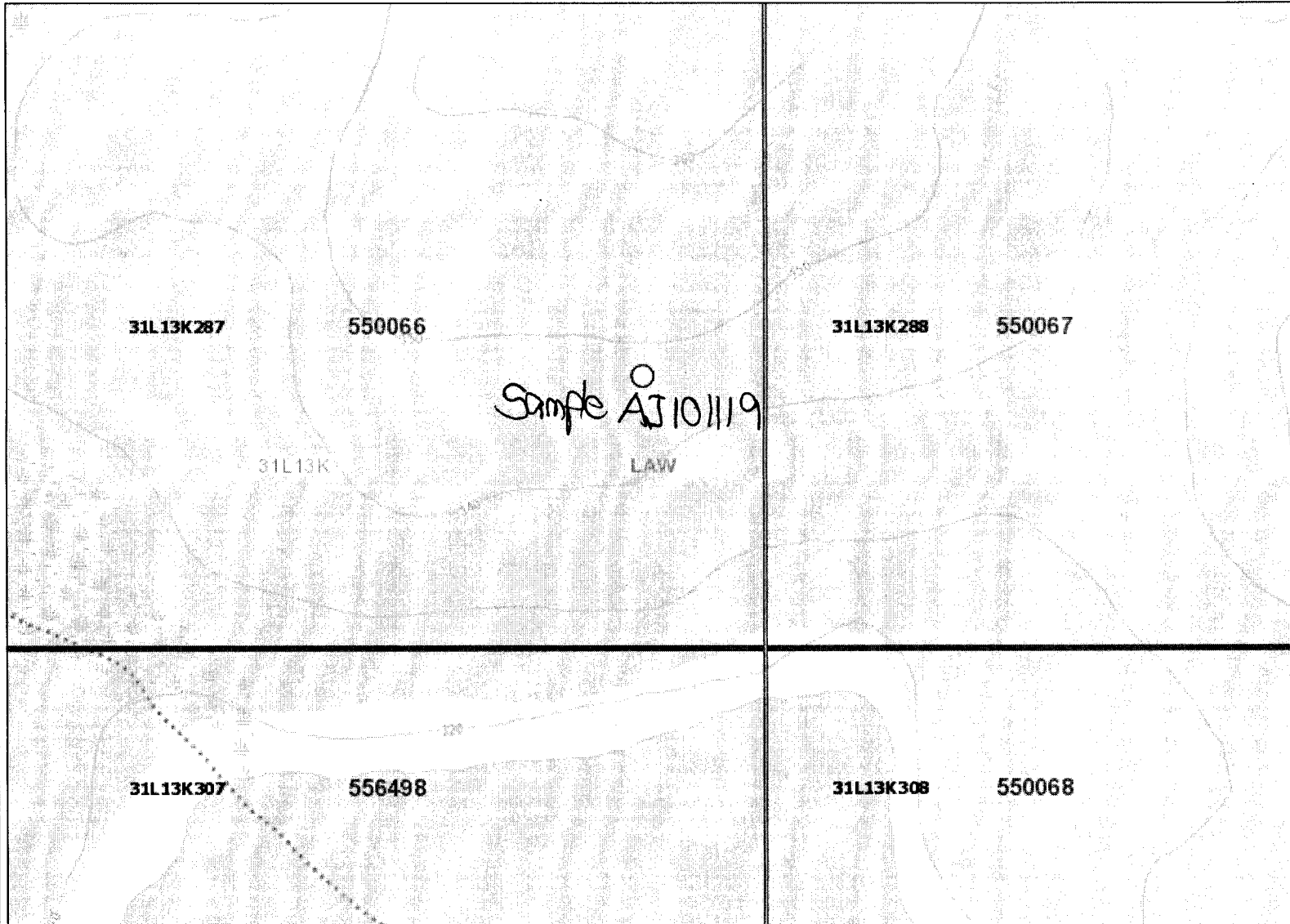







































Notes:

Debeers Sample ID - AJ101119   
Bag Number - 0400  
Claim Number - 550066



Legend

- Provincial Grid Cell**
  -  Available
  -  Pending
  -  Unavailable
- Mining Claim**
  -  Mining Claim
  -  Boundary Claim
- Alienation**
  -  Withdrawal
  -  Notice
- ENDM Administrative Boundaries**
  -  ENDM Townships and Areas
  -  Geographic Lot Fabric
    -  UTM Grid 1K
    -  UTM Grid 10K
  -  Mining Division
  -  Mineral Exploration and Development Region
  -  CLUPA Protected Area - Far North
  -  Resident Geologist District
  -  Federal Land Other
  -  Native Reserves
- AMIS Sites**
  -  AMIS Sites
  -  AMIS Features
  -  Drill Hole
  -  Mineral Occurrences
- MLAS Mining History**
  -  Withdrawal - History
  -  Notice - History
  -  Mining Claim - History
  -  Mining Land Tenure - History
  -  Legacy Claim
- Provincial Grid**
  -  Provincial Grid 250K
  -  Provincial Grid 50K
  -  Provincial Grid Group
- Land Tenure**
  -  Surface Rights
  -  Mining Rights
  -  Mining and Surface Rights
  -  Order-in-Council

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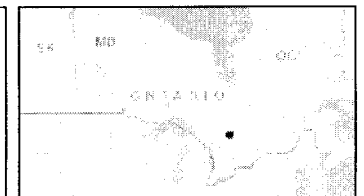
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Projection: Web Mercator



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DigitalGlobe Inc.; U.S. Geological Survey.

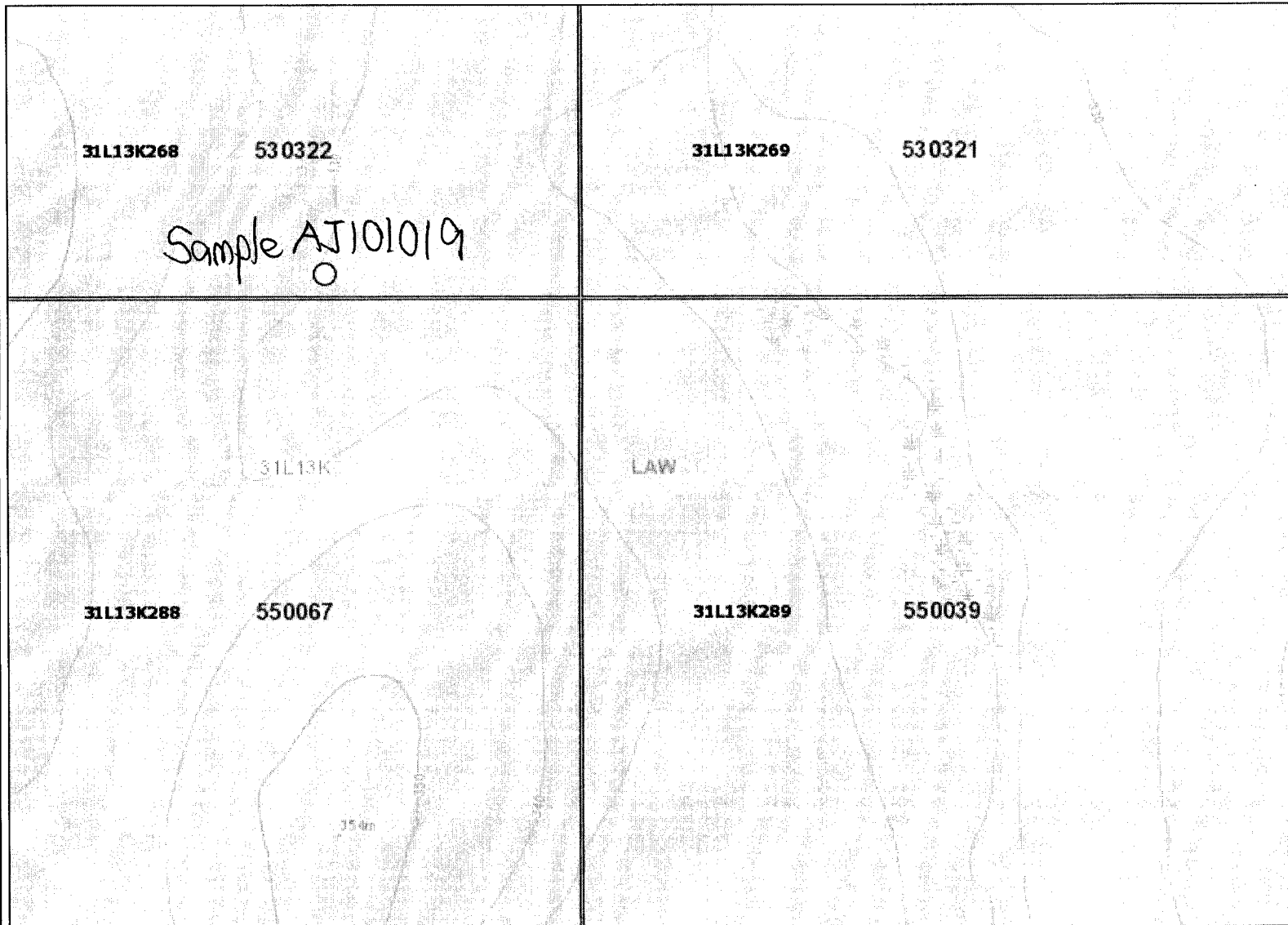
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Notes:

Debeers Sample ID - AJ101019  
Bag Number - 2563  
Claim Number - 530322



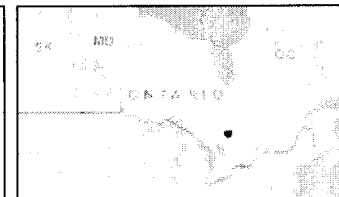
### Legend

- Provincial Grid Cell**
  - Available
  - Pending
  - Unavailable
- Mining Claim**
  - Mining Claim
  - Boundary Claim
- Alienation**
  - Withdrawal
  - Notice
- ENDM Administrative Boundaries**
  - ENDM Townships and Areas
  - Geographic Lot Fabric
    - UTM Grid 1K
    - UTM Grid 10K
  - Mining Division
  - Mineral Exploration and Development Region
  - CLUPA Protected Area - Far North
  - Resident Geologist District
  - Federal Land Other
  - Native Reserves
  - AMIS Sites
  - AMIS Features
  - Drill Hole
  - Mineral Occurrences
- MLAS Mining History**
  - Withdrawal - History
  - Notice - History
  - Mining Claim - History
  - Mining Land Tenure - History
  - Legacy Claim
- Provincial Grid**
  - Provincial Grid 250K
  - Provincial Grid 50K
  - Provincial Grid Group
- Land Tenure**
  - Surface Rights
  - Mining Rights
  - Mining and Surface Rights
  - Order-in-Council

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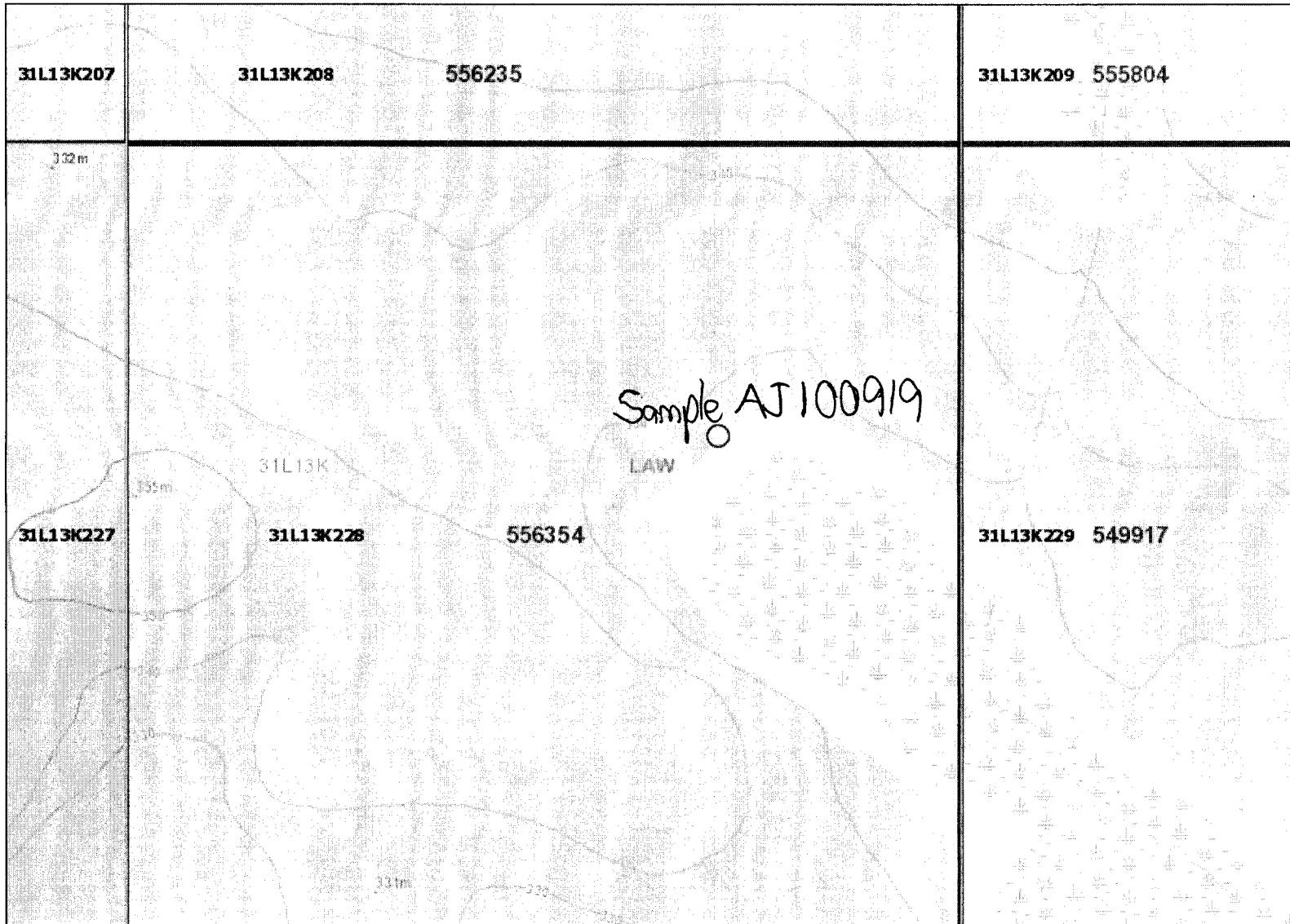
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DigitalGlobe Inc.; U.S. Geological Survey.  
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Notes:

Debeers Sample ID - AJ100919  
Bag Number - 2002  
Claim Number - 556354



### Legend

**Provincial Grid Cell**

- Available
- Pending
- Unavailable

**Mining Claim**

- Mining Claim
- Boundary Claim

**Alienation**

- Withdrawal
- Notice

**ENDM Administrative Boundaries**

- ENDM Townships and Areas
- Geographic Lot Fabric
- UTM Grid 1K
- UTM Grid 10K
- Mining Division
- Mineral Exploration and Development Region
- CLUPA Protected Area - Far North
- Resident Geologist District
- Federal Land Other
- Native Reserves
- AMIS Sites
- AMIS Features
- Drill Hole
- Mineral Occurrences

**MLAS Mining History**

- Withdrawal - History
- Notice - History
- Mining Claim - History
- Mining Land Tenure - History
- Legacy Claim

**Provincial Grid**

- Provincial Grid 250K
- Provincial Grid 50K
- Provincial Grid Group

**Land Tenure**

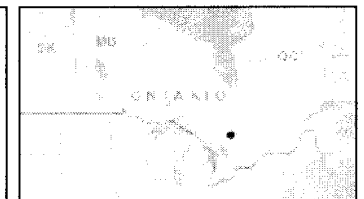
- Surface Rights
- Mining Rights
- Mining and Surface Rights
- Order-in-Council

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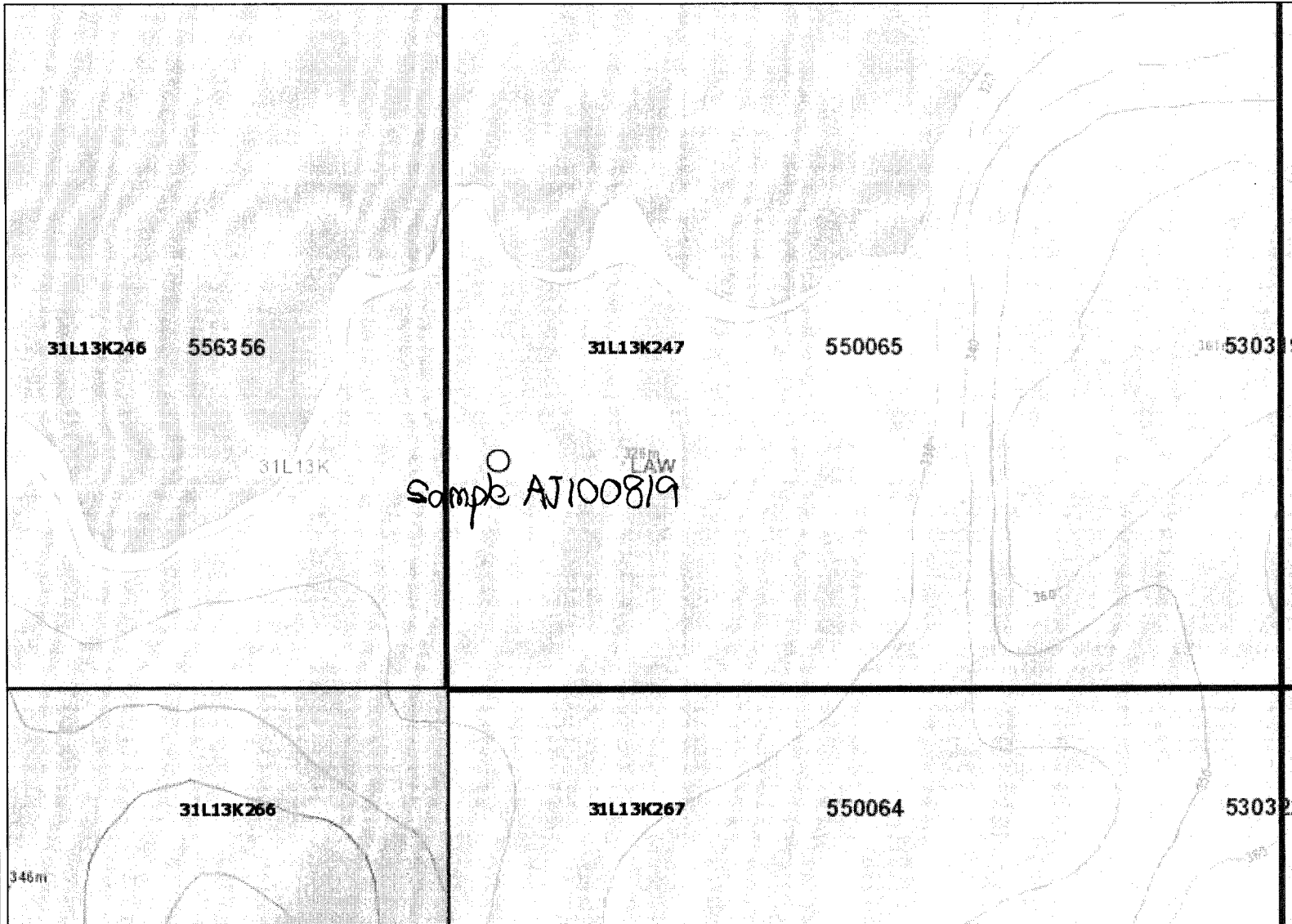
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Notes:

Debeers Sample ID - AJ100819  
Bag Number - 0481  
Claim Number - 550065



### Legend

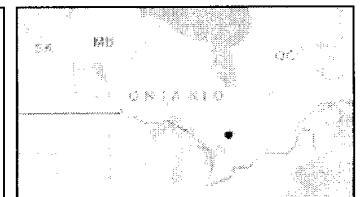
- Provincial Grid Cell**
  - Available
  - Pending
  - Unavailable
- Mining Claim**
  - Mining Claim
  - Boundary Claim
- Alienation**
  - Withdrawal
  - Notice
- ENDM Administrative Boundaries**
  - ENDM Townships and Areas
  - Geographic Lot Fabric
  - UTM Grid 1K
  - UTM Grid 10K
  - Mining Division
  - Mineral Exploration and Development Region
  - CLUPA Protected Area - Far North
  - Resident Geologist District
  - Federal Land Other
  - Native Reserves
  - AMIS Sites
  - AMIS Features
  - Drill Hole
  - Mineral Occurrences
- MLAS Mining History**
  - Withdrawal - History
  - Notice - History
  - Mining Claim - History
  - Mining Land Tenure - History
  - Legacy Claim
- Provincial Grid**
  - Provincial Grid 250K
  - Provincial Grid 50K
  - Provincial Grid Group
- Land Tenure**
  - Surface Rights
  - Mining Rights
  - Mining and Surface Rights
  - Order-in-Council

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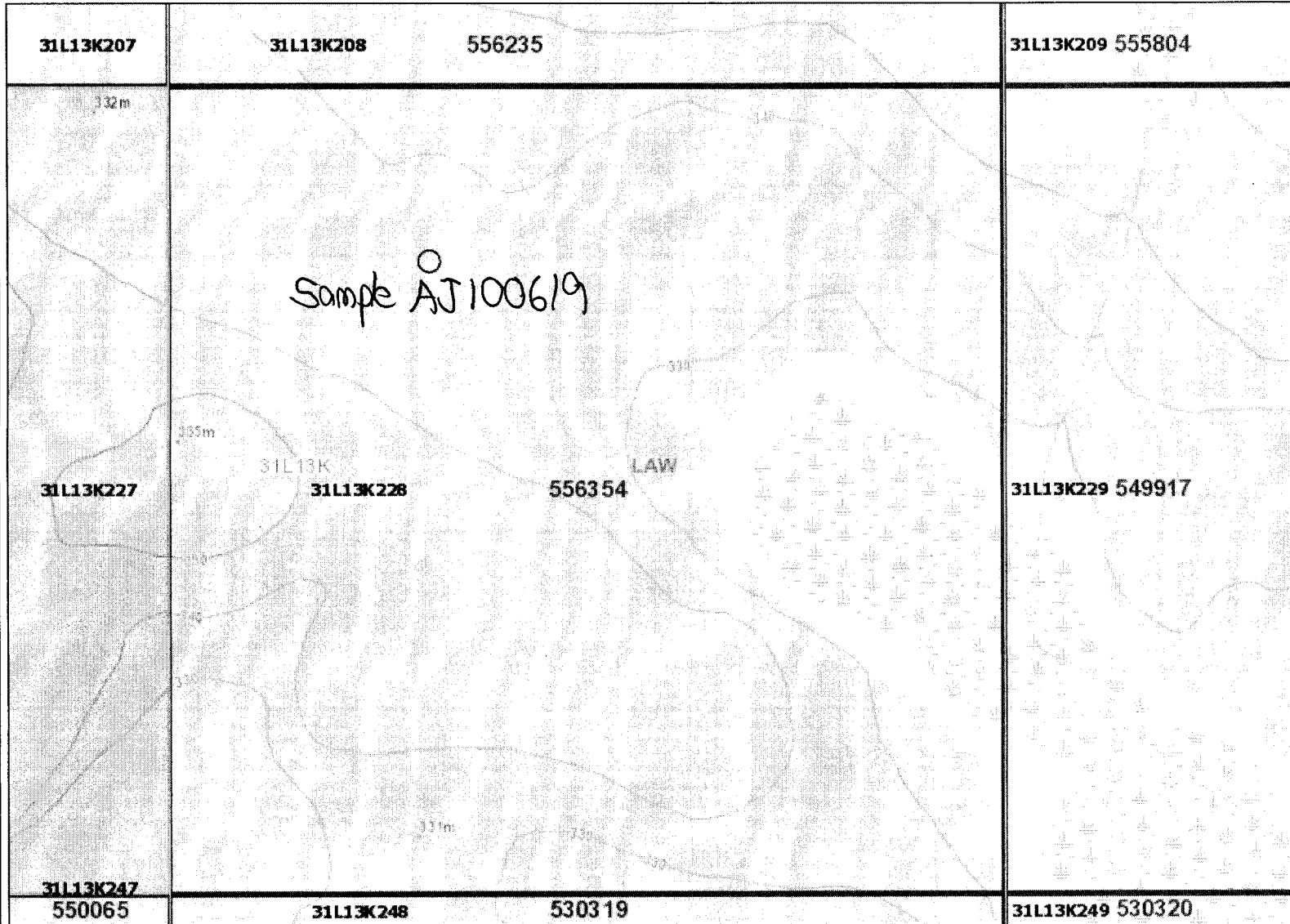
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Notes:

Debeers Sample ID - AJ100619  
Bag Number - 2275  
Claim Number - 556354



### Legend

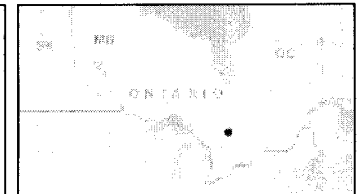
- Provincial Grid Cell**
  - Available
  - Pending
  - Unavailable
- Mining Claim**
  - Mining Claim
  - Boundary Claim
- Alienation**
  - Withdrawal
  - Notice
- ENDM Administrative Boundaries**
  - ENDM Townships and Areas
  - Geographic Lot Fabric
    - UTM Grid 1K
    - UTM Grid 10K
  - Mining Division
  - Mineral Exploration and Development Region
  - CLUPA Protected Area - Far North
  - Resident Geologist District
  - Federal Land Other
  - Native Reserves
  - AMIS Sites
  - AMIS Features
  - Drill Hole
  - Mineral Occurrences
- MLAS Mining History**
  - Withdrawal - History
  - Notice - History
  - Mining Claim - History
  - Mining Land Tenure - History
  - Legacy Claim
- Provincial Grid**
  - Provincial Grid 250K
  - Provincial Grid 50K
  - Provincial Grid Group
- Land Tenure**
  - Surface Rights
  - Mining Rights
  - Mining and Surface Rights
  - Order-in-Council

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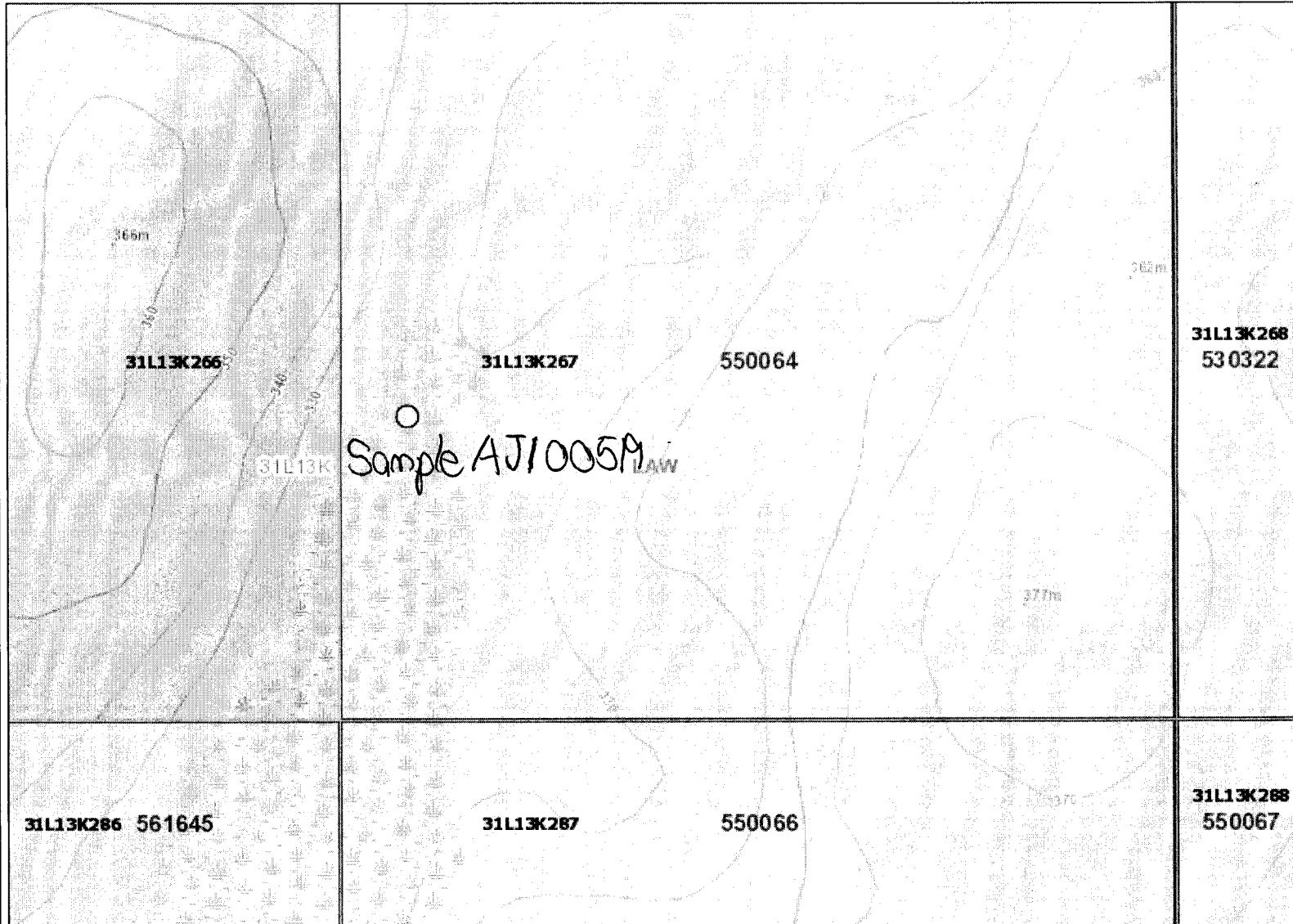
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Notes:

Debeers Sample ID - AJ100519   
Bag Number - 2140  
Claim Number - 550064



### Legend

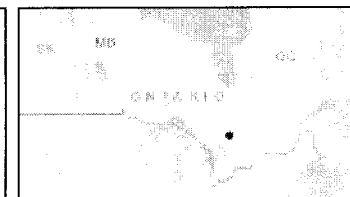
- Provincial Grid Cell**
  - Available
  - Pending
  - Unavailable
- Mining Claim**
  - Mining Claim
  - Boundary Claim
- Alienation**
  - Withdrawal
  - Notice
- ENDM Administrative Boundaries**
  - ENDM Townships and Areas
  - Geographic Lot Fabric
    - UTM Grid 1K
    - UTM Grid 10K
  - Mining Division
  - Mineral Exploration and Development Region
  - CLUPA Protected Area - Far North
  - Resident Geologist District
  - Federal Land Other
  - Native Reserves
  - AMIS Sites
  - AMIS Features
  - Drill Hole
  - Mineral Occurrences
- MLAS Mining History**
  - Withdrawal - History
  - Notice - History
  - Mining Claim - History
  - Mining Land Tenure - History
  - Legacy Claim
- Provincial Grid**
  - Provincial Grid 250K
  - Provincial Grid 50K
  - Provincial Grid Group
- Land Tenure**
  - Surface Rights
  - Mining Rights
  - Mining and Surface Rights
  - Order-in-Council

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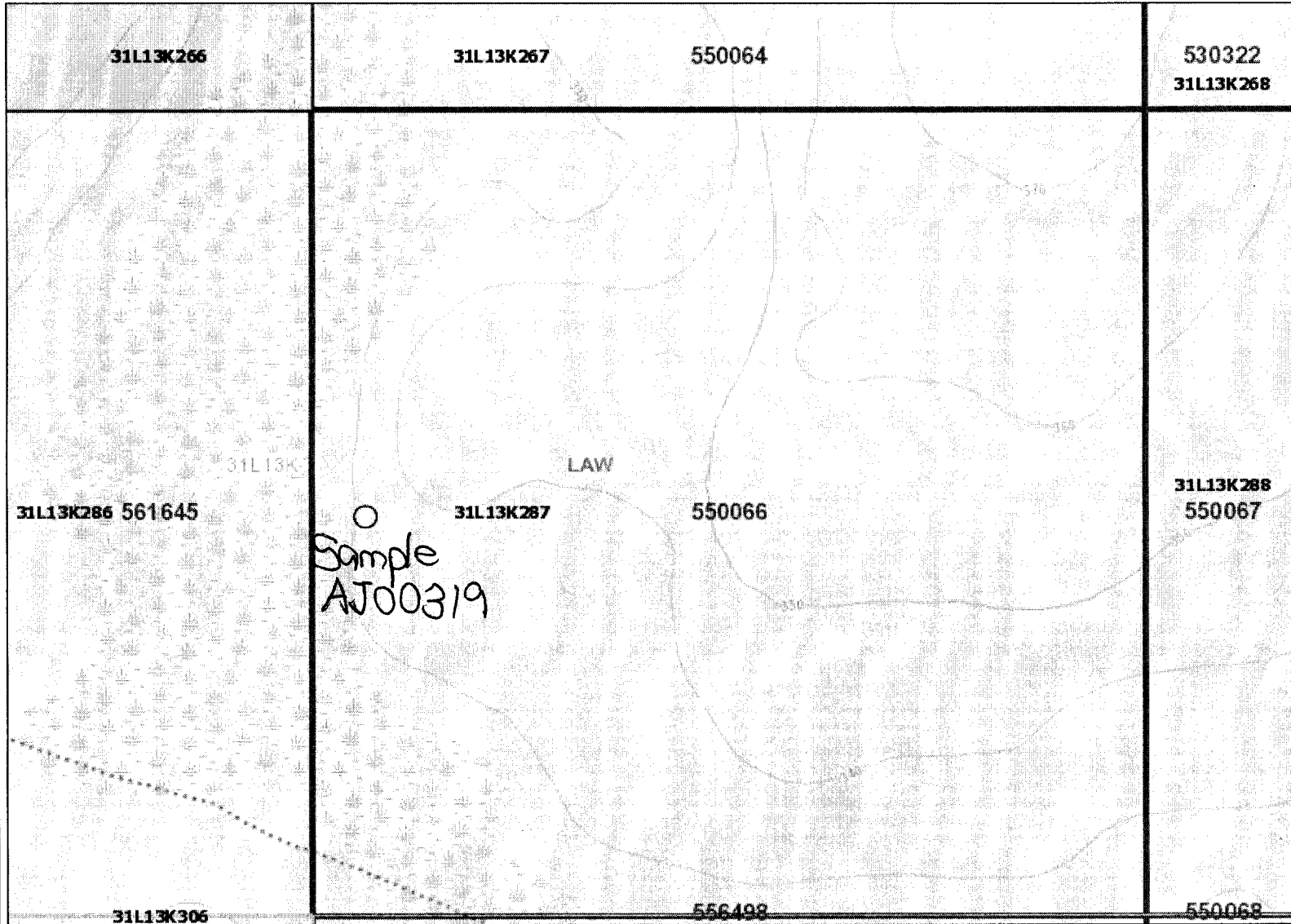
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Notes:

Debeers Sample ID - AJ00319  
Bag Number - 2279  
Claim Number -550066



Legend

- Provincial Grid Cell**
  - Available
  - Pending
  - Unavailable
- Mining Claim**
  - Mining Claim
  - Boundary Claim
- Alienation**
  - Withdrawal
  - Notice
- ENDM Administrative Boundaries**
  - ENDM Townships and Areas
  - Geographic Lot Fabric
  - UTM Grid 1K
  - UTM Grid 10K
  - Mining Division
  - Mineral Exploration and Development Region
  - CLUPA Protected Area - Far North
  - Resident Geologist District
  - Federal Land Other
  - Native Reserves
- AMIS Sites**
  - AMIS Sites
  - AMIS Features
  - Drill Hole
  - Mineral Occurrences
- MLAS Mining History**
  - Withdrawal - History
  - Notice - History
  - Mining Claim - History
  - Mining Land Tenure - History
  - Legacy Claim
- Provincial Grid**
  - Provincial Grid 250K
  - Provincial Grid 50K
  - Provincial Grid Group
- Land Tenure**
  - Surface Rights
  - Mining Rights
  - Mining and Surface Rights
  - Order-in-Council

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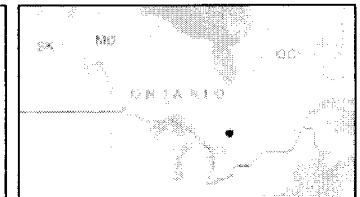
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Projection: Web Mercator



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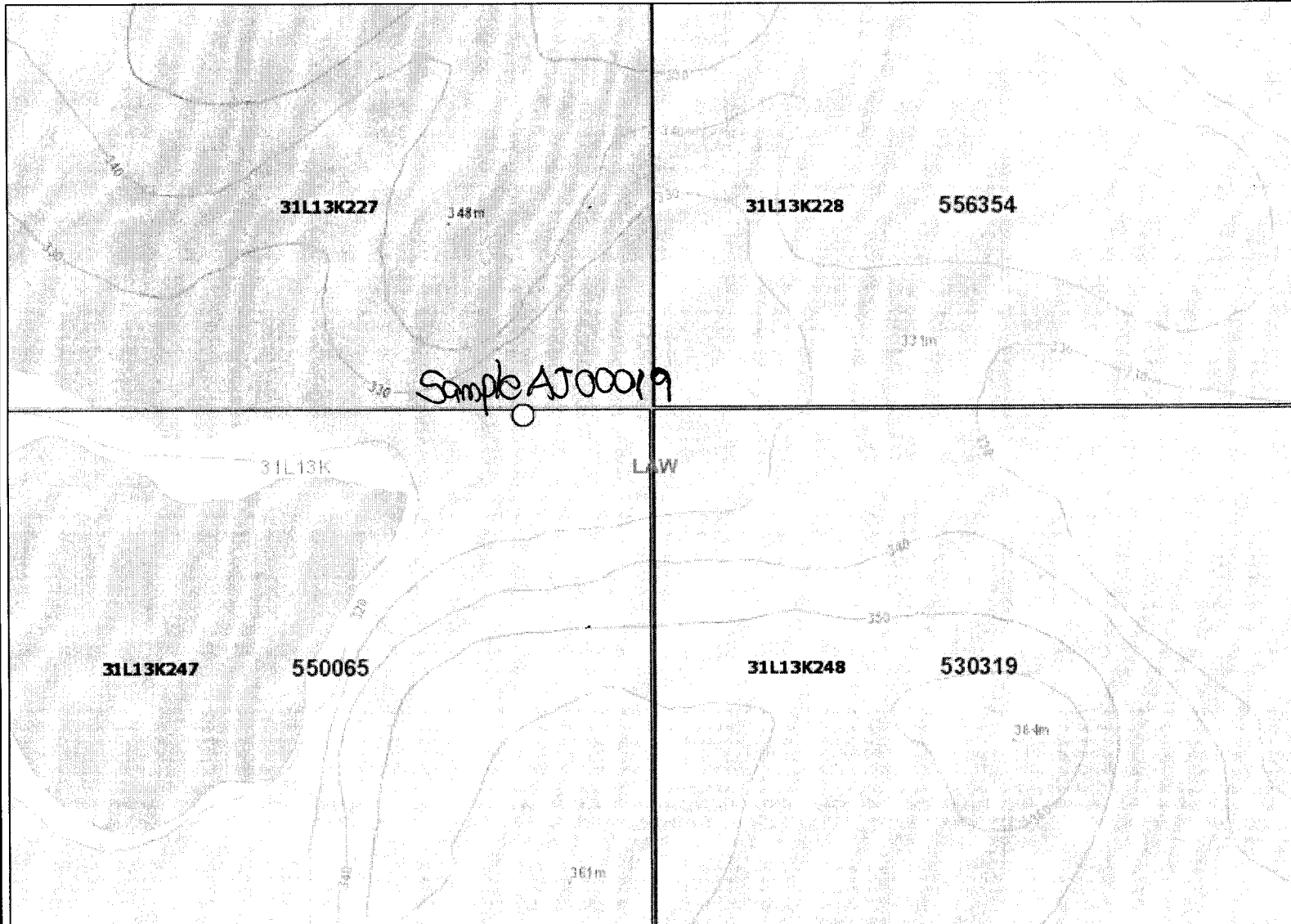
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Notes:

Debeers Sample ID - AJ00019  
Bag Number - 2792  
Claim Number - 550065



### Legend

**Provincial Grid Cell**

- Available
- Pending
- Unavailable

**Mining Claim**

- Mining Claim
- Boundary Claim

**Alienation**

- Withdrawal
- Notice

**ENDM Administrative Boundaries**

- ENDM Townships and Areas
- Geographic Lot Fabric
- UTM Grid 1K
- UTM Grid 10K
- Mining Division
- Mineral Exploration and Development Region
- CLUPA Protected Area - Far North
- Resident Geologist District
- Federal Land Other
- Native Reserves
- AMIS Sites
- AMIS Features
- Drill Hole
- Mineral Occurrences

**MLAS Mining History**

- Withdrawal - History
- Notice - History
- Mining Claim - History
- Mining Land Tenure - History
- Legacy Claim

**Provincial Grid**

- Provincial Grid 250K
- Provincial Grid 50K
- Provincial Grid Group

**Land Tenure**

- Surface Rights
- Mining Rights
- Mining and Surface Rights
- Order-in-Council

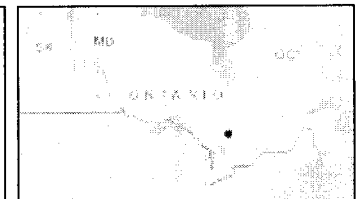
Those wishing to register mining claims should consult with the Provincial Mining Recorders' Office of the Ministry of Energy, Northern Development and Mines for additional information on the status of the lands shown hereon. This map is not intended for navigational, survey, or land title determination purposes as the information shown on this map is compiled from various sources. Completeness and accuracy are not guaranteed. Additional information may also be obtained through the local Land Titles or Registry Office, or the Ministry of Natural Resources and Forestry. The information shown is derived from digital data available in the Provincial Mining Recorders' Office at the time of downloading from the Ministry of Energy, Northern Development and Mines web site.



Projection: Web Mercator

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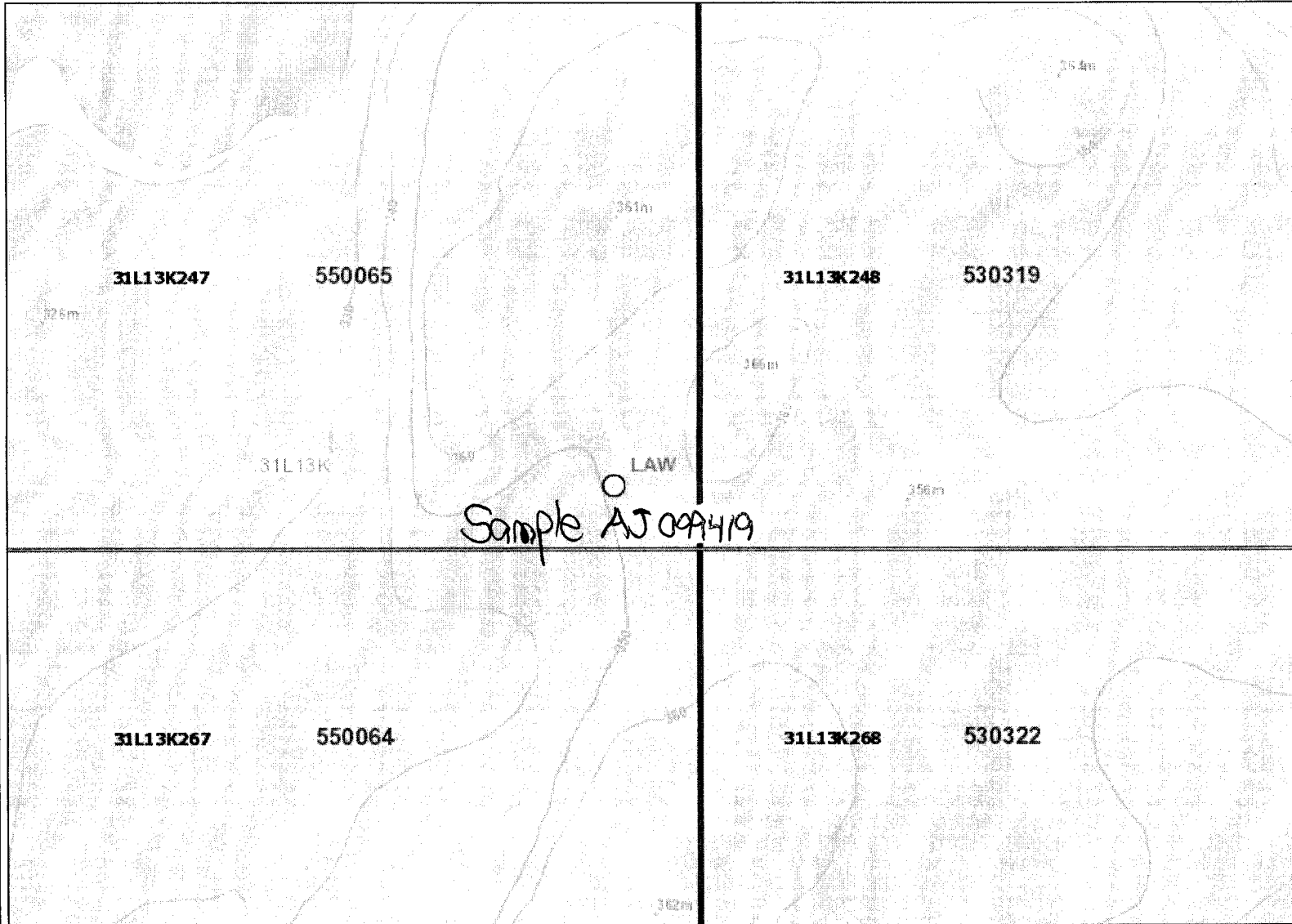






Notes:

Debeers Sample **10AJ09419**  
Bag Number - **3493**  
Claim Number - 550065



### Legend

- Provincial Grid Cell**
  - Available
  - Pending
  - Unavailable
- Mining Claim**
  - Mining Claim
  - Boundary Claim
- Alienation**
  - Withdrawal
  - Notice
- ENDM Administrative Boundaries**
  - ENDM Townships and Areas
  - Geographic Lot Fabric
  - UTM Grid 1K
  - UTM Grid 10K
  - Mining Division
  - Mineral Exploration and Development Region
  - CLUPA Protected Area - Far North
  - Resident Geologist District
  - Federal Land Other
  - Native Reserves
  - AMIS Sites
  - AMIS Features
  - Drill Hole
  - Mineral Occurrences
- MLAS Mining History**
  - Withdrawal - History
  - Notice - History
  - Mining Claim - History
  - Mining Land Tenure - History
  - Legacy Claim
- Provincial Grid**
  - Provincial Grid 250K
  - Provincial Grid 50K
  - Provincial Grid Group
- Land Tenure**
  - Surface Rights
  - Mining Rights
  - Mining and Surface Rights
  - Order-in-Council

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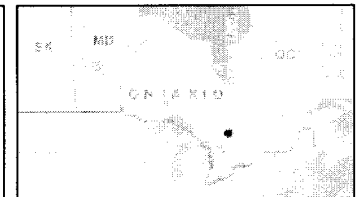
0 0.17 km

Projection: Web Mercator



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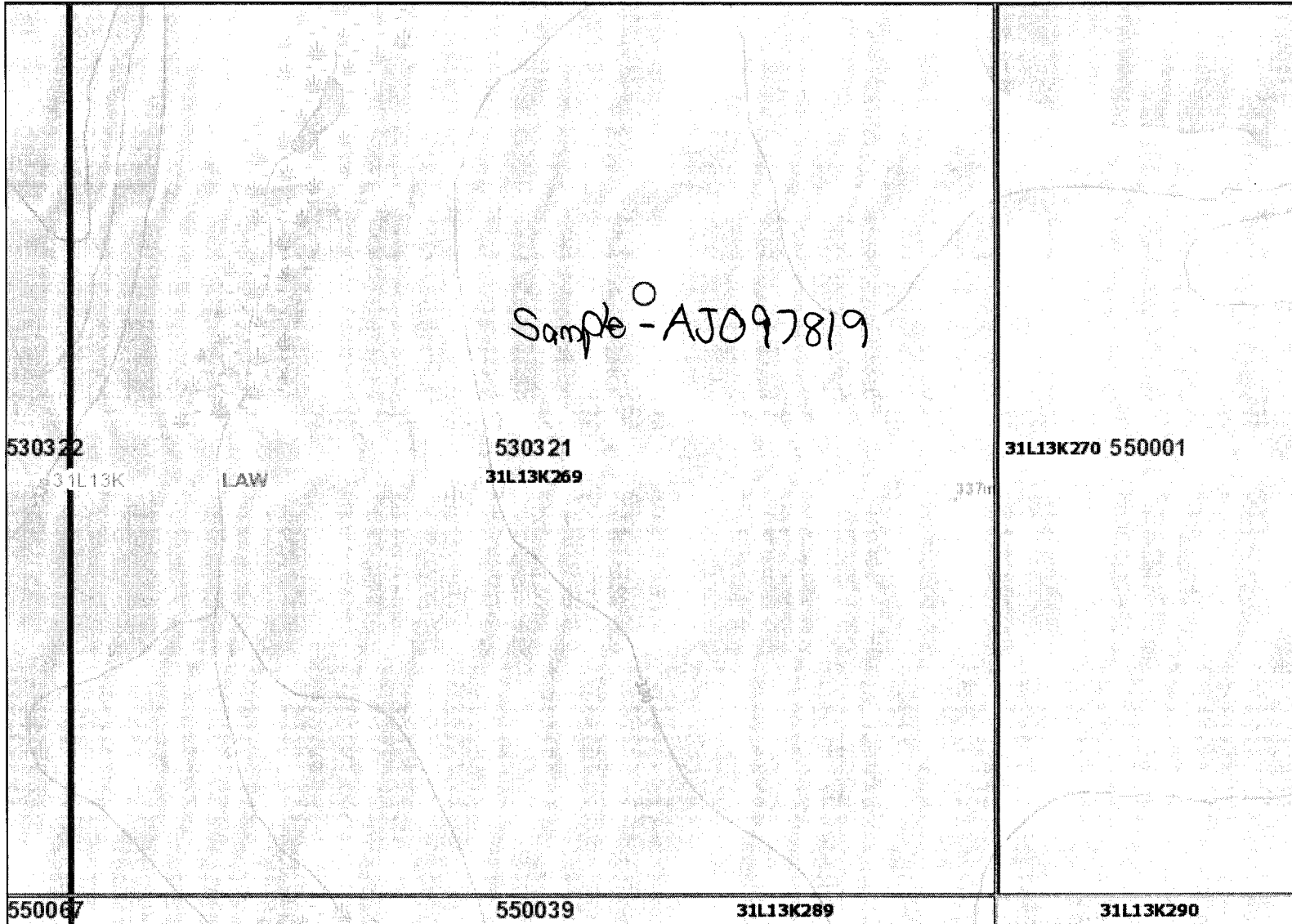
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Notes:

Debeers Sample ID - AJ097819  
Bag Number - 0517  
Claim Number - 530321



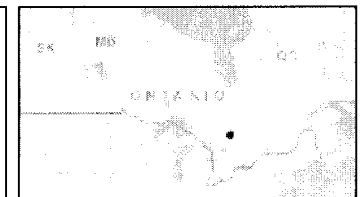
### Legend

- Provincial Grid Cell**
  - Available
  - Pending
  - Unavailable
- Mining Claim**
  - Mining Claim
  - Boundary Claim
- Alienation**
  - Withdrawal
  - Notice
- ENDM Administrative Boundaries**
  - ENDM Townships and Areas
  - Geographic Lot Fabric
  - UTM Grid 1K
  - UTM Grid 10K
  - Mining Division
  - Mineral Exploration and Development Region
  - CLUPA Protected Area - Far North
  - Resident Geologist District
  - Federal Land Other
  - Native Reserves
- AMIS Sites**
  - AMIS Sites
  - AMIS Features
  - Drill Hole
  - Mineral Occurrences
- MLAS Mining History**
  - Withdrawal - History
  - Notice - History
  - Mining Claim - History
  - Mining Land Tenure - History
  - Legacy Claim
- Provincial Grid**
  - Provincial Grid 250K
  - Provincial Grid 50K
  - Provincial Grid Group
- Land Tenure**
  - Surface Rights
  - Mining Rights
  - Mining and Surface Rights
  - Order-in-Council

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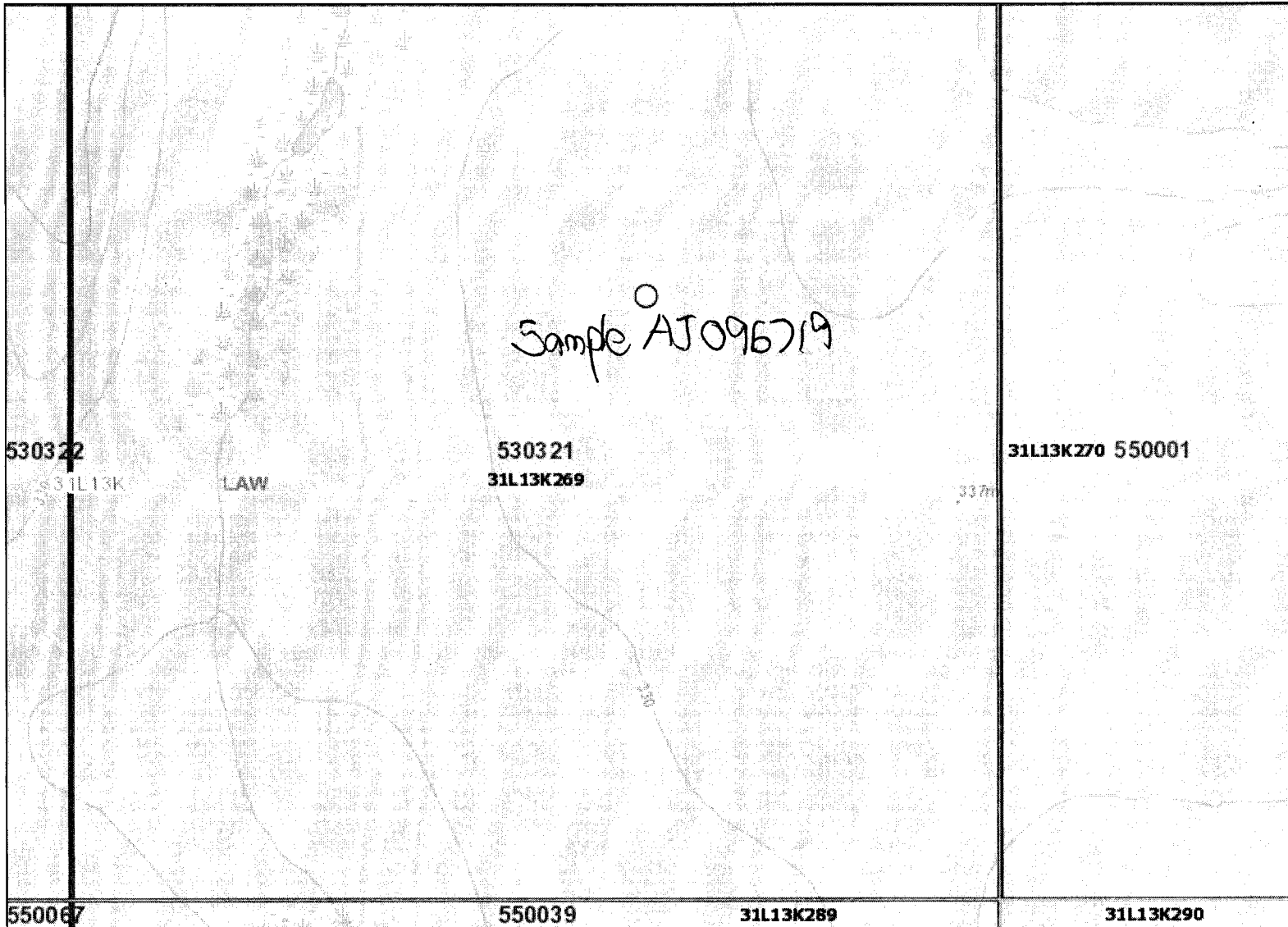
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Notes:

Debeers Sample ID - AJ096719  
Bag Number - 0355  
Claim Number - 530321



Legend

- Provincial Grid Cell**
  - Available
  - Pending
  - Unavailable
- Mining Claim**
  - Mining Claim
  - Boundary Claim
- Alienation**
  - Withdrawal
  - Notice
- ENDM Administrative Boundaries**
  - ENDM Townships and Areas
  - Geographic Lot Fabric
  - UTM Grid 1K
  - UTM Grid 10K
  - Mining Division
  - Mineral Exploration and Development Region
  - CLUPA Protected Area - Far North
  - Resident Geologist District
  - Federal Land Other
  - Native Reserves
  - AMIS Sites
  - AMIS Features
  - Drill Hole
  - Mineral Occurrences
- MLAS Mining History**
  - Withdrawal - History
  - Notice - History
  - Mining Claim - History
  - Mining Land Tenure - History
  - Legacy Claim
- Provincial Grid**
  - Provincial Grid 250K
  - Provincial Grid 50K
  - Provincial Grid Group
- Land Tenure**
  - Surface Rights
  - Mining Rights
  - Mining and Surface Rights
  - Order-in-Council

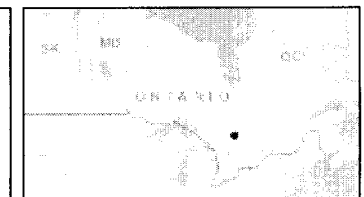
Those wishing to register mining claims should consult with the Provincial Mining Recorders' Office of the Ministry of Energy, Northern Development and Mines for additional information on the status of the lands shown hereon. This map is not intended for navigational, survey, or land title determination purposes as the information shown on this map is compiled from various sources. Completeness and accuracy are not guaranteed. Additional information may also be obtained through the local Land Titles or Registry Office, or the Ministry of Natural Resources and Forestry. The information shown is derived from digital data available in the Provincial Mining Recorders' Office at the time of downloading from the Ministry of Energy, Northern Development and Mines web site.



Projection: Web Mercator

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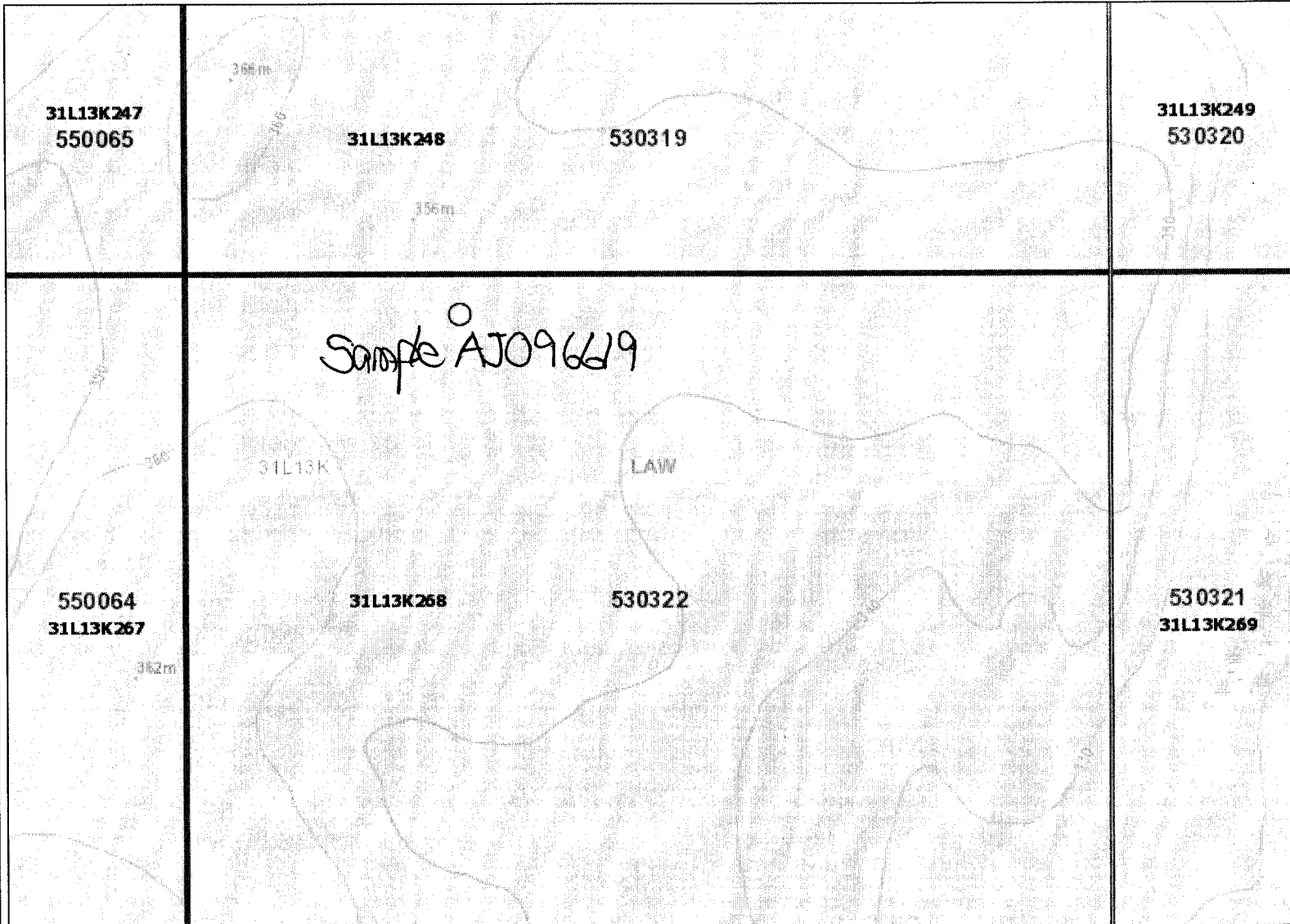
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Notes:

Debeers Sample ID - AJ096619  
Bag Number - 4051  
Claim Number - 530322



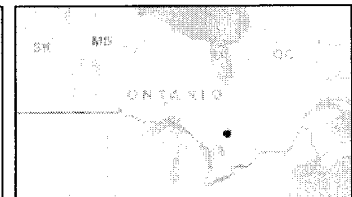
### Legend

- Provincial Grid Cell**
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  - Pending
  - Unavailable
- Mining Claim**
  - Mining Claim
  - Boundary Claim
- Alienation**
  - Withdrawal
  - Notice
- ENDM Administrative Boundaries**
  - ENDM Townships and Areas
  - Geographic Lot Fabric
    - UTM Grid 1K
    - UTM Grid 10K
  - Mining Division
  - Mineral Exploration and Development Region
  - CLUPA Protected Area - Far North
  - Resident Geologist District
  - Federal Land Other
  - Native Reserves
  - AMIS Sites
  - AMIS Features
  - Drill Hole
  - Mineral Occurrences
- MLAS Mining History**
  - Withdrawal - History
  - Notice - History
  - Mining Claim - History
  - Mining Land Tenure - History
  - Legacy Claim
- Provincial Grid**
  - Provincial Grid 250K
  - Provincial Grid 50K
  - Provincial Grid Group
- Land Tenure**
  - Surface Rights
  - Mining Rights
  - Mining and Surface Rights
  - Order-in-Council

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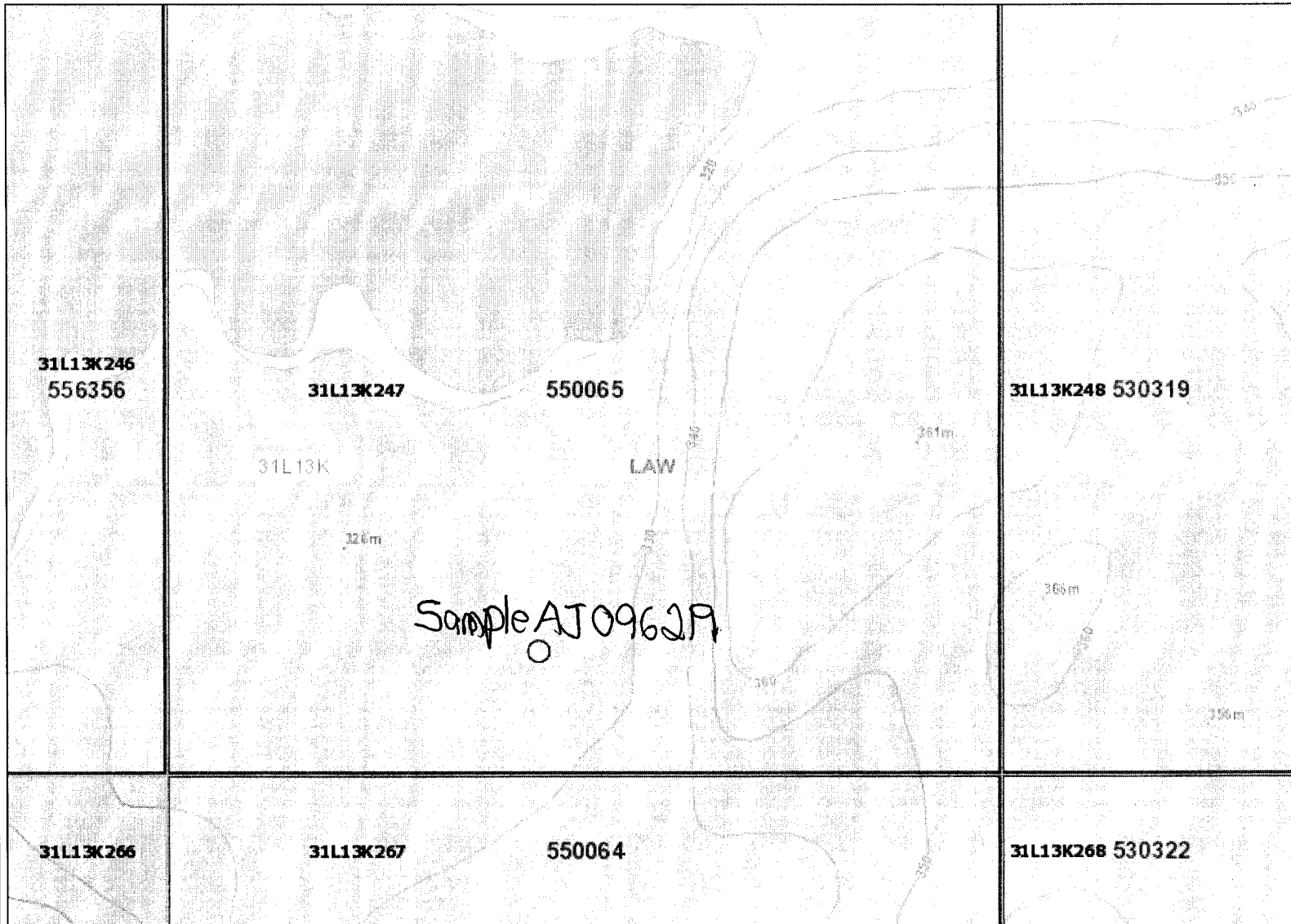
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Notes:

Debeers Sample ID - AJ096219  
Bag Number - 2321  
Claim Number - 550065



### Legend

- Provincial Grid Cell**
  - Available
  - Pending
  - Unavailable
- Mining Claim**
  - Mining Claim
  - Boundary Claim
- Alienation**
  - Withdrawal
  - Notice
- ENDM Administrative Boundaries**
  - ENDM Townships and Areas
  - Geographic Lot Fabric
    - UTM Grid 1K
    - UTM Grid 10K
  - Mining Division
  - Mineral Exploration and Development Region
  - CLUPA Protected Area - Far North
  - Resident Geologist District
  - Federal Land Other
  - Native Reserves
  - AMIS Sites
  - AMIS Features
  - Drill Hole
  - Mineral Occurrences
- MLAS Mining History**
  - Withdrawal - History
  - Notice - History
  - Mining Claim - History
  - Mining Land Tenure - History
  - Legacy Claim
- Provincial Grid**
  - Provincial Grid 250K
  - Provincial Grid 50K
  - Provincial Grid Group
- Land Tenure**
  - Surface Rights
  - Mining Rights
  - Mining and Surface Rights
  - Order-in-Council

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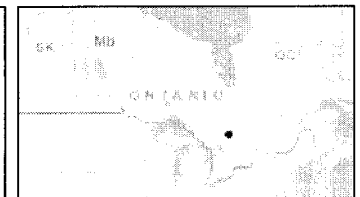
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Projection: Web Mercator



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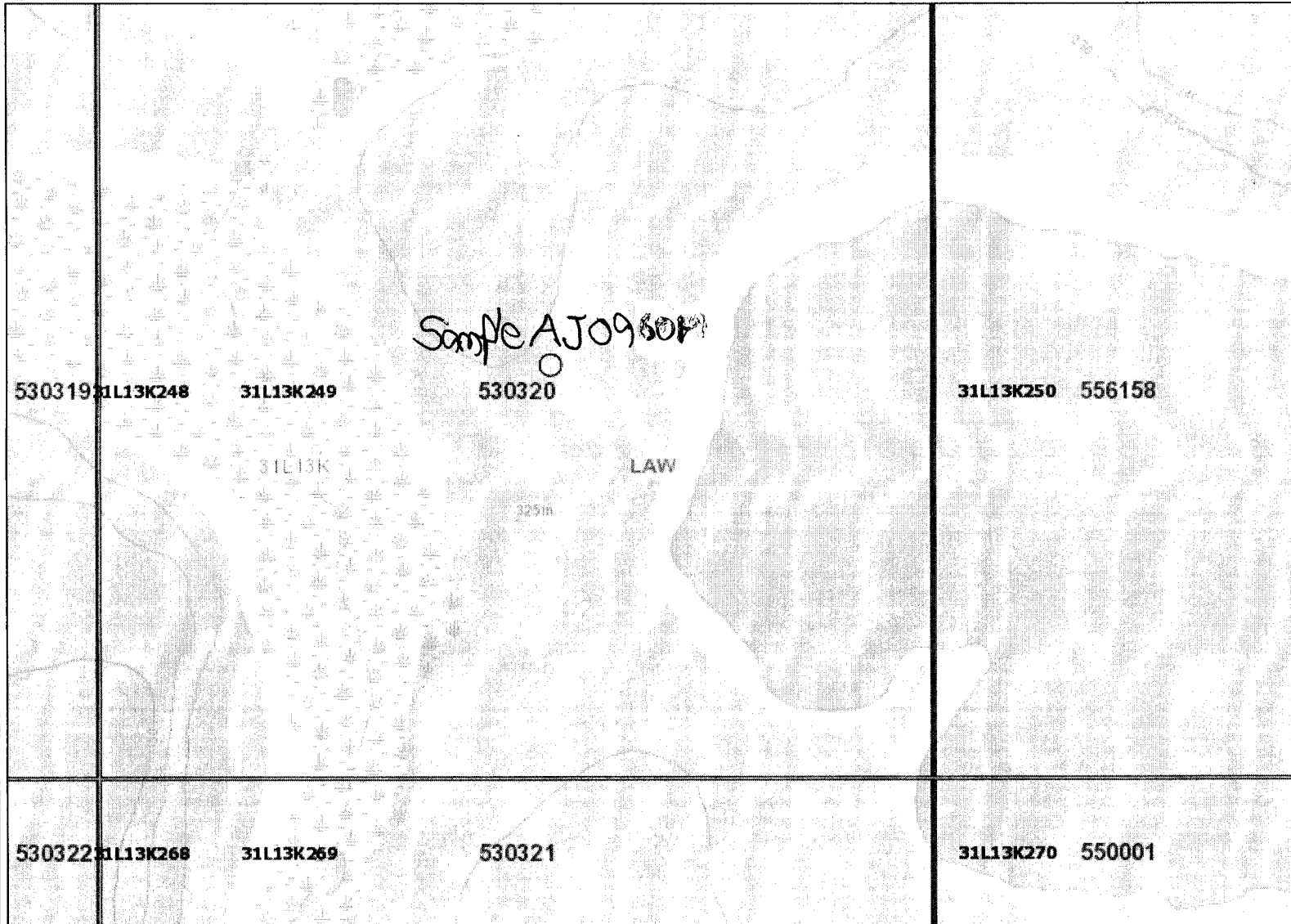
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Notes:

Debeers Sample ID - AJ093010  
Bag Number - 2328  
Claim Number - 530320



### Legend

- Provincial Grid Cell**
  - Available
  - Pending
  - Unavailable
- Mining Claim**
  - Mining Claim
  - Boundary Claim
- Alienation**
  - Withdrawal
  - Notice
- ENDM Administrative Boundaries**
  - ENDM Townships and Areas
  - Geographic Lot Fabric
    - UTM Grid 1K
    - UTM Grid 10K
  - Mining Division
  - Mineral Exploration and Development Region
  - CLUPA Protected Area - Far North
  - Resident Geologist District
  - Federal Land Other
  - Native Reserves
  - AMIS Sites
  - AMIS Features
  - Drill Hole
  - Mineral Occurrences
- MLAS Mining History**
  - Withdrawal - History
  - Notice - History
  - Mining Claim - History
  - Mining Land Tenure - History
  - Legacy Claim
- Provincial Grid**
  - Provincial Grid 250K
  - Provincial Grid 50K
  - Provincial Grid Group
- Land Tenure**
  - Surface Rights
  - Mining Rights
  - Mining and Surface Rights
  - Order-in-Council

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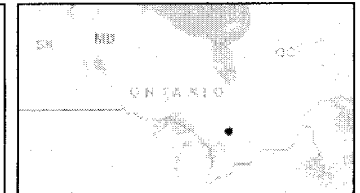
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Projection: Web Mercator



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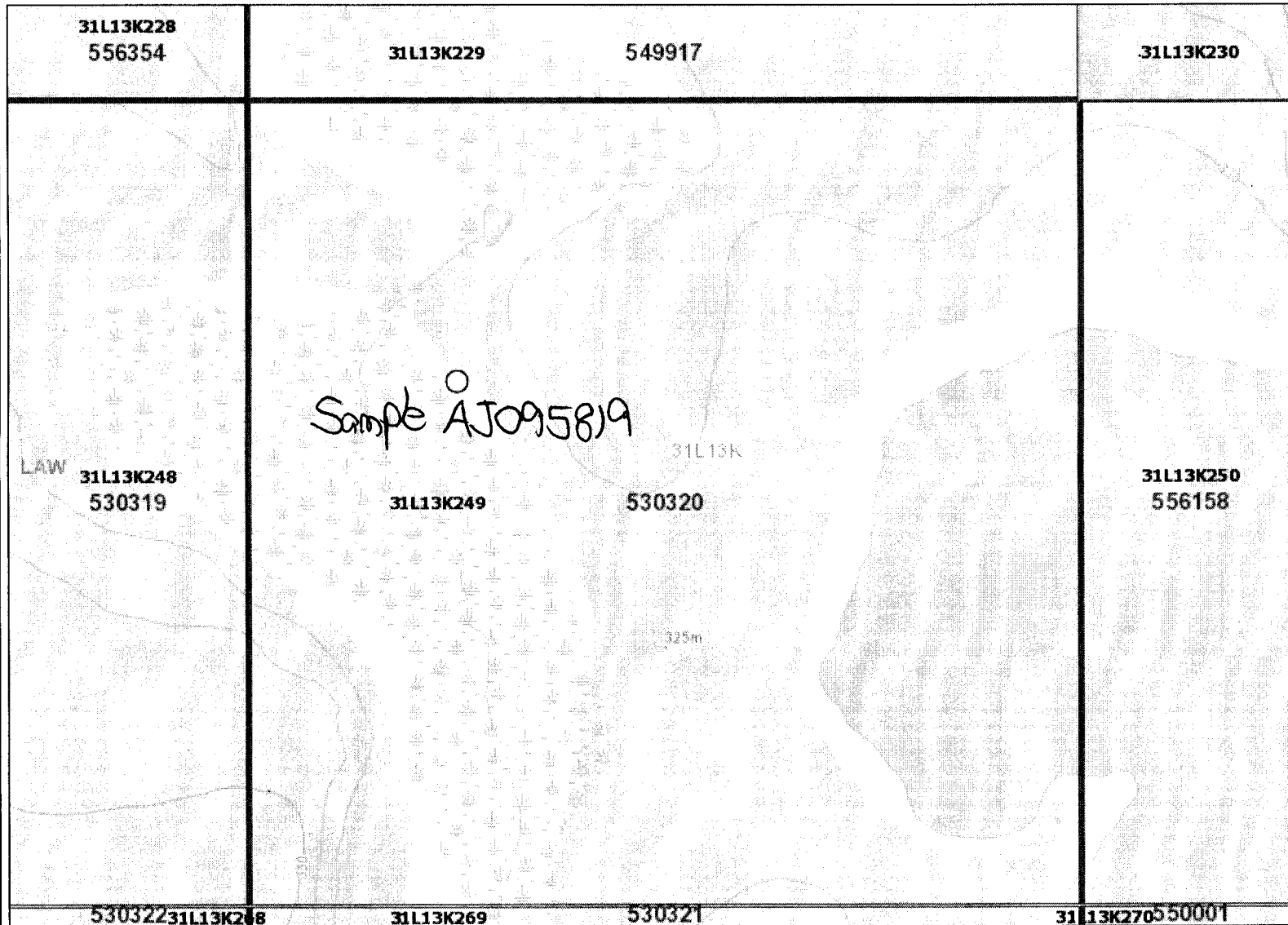
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Notes:

Debeers Sample ID - AJ095819  
Bag Number - 2703  
Claim Number - 530320



### Legend

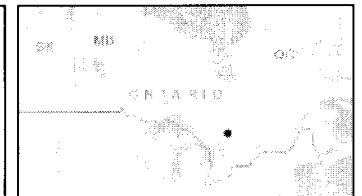
- Provincial Grid Cell**
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  - Unavailable
- Mining Claim**
  - Mining Claim
  - Boundary Claim
- Alienation**
  - Withdrawal
  - Notice
- ENDM Administrative Boundaries**
  - ENDM Townships and Areas
  - Geographic Lot Fabric
  - UTM Grid 1K
  - UTM Grid 10K
  - Mining Division
  - Mineral Exploration and Development Region
  - CLUPA Protected Area - Far North
  - Resident Geologist District
  - Federal Land Other
  - Native Reserves
  - AMIS Sites
  - AMIS Features
  - Drill Hole
  - Mineral Occurrences
- MLAS Mining History**
  - Withdrawal - History
  - Notice - History
  - Mining Claim - History
  - Mining Land Tenure - History
  - Legacy Claim
- Provincial Grid**
  - Provincial Grid 250K
  - Provincial Grid 50K
  - Provincial Grid Group
- Land Tenure**
  - Surface Rights
  - Mining Rights
  - Mining and Surface Rights
  - Order-in-Council

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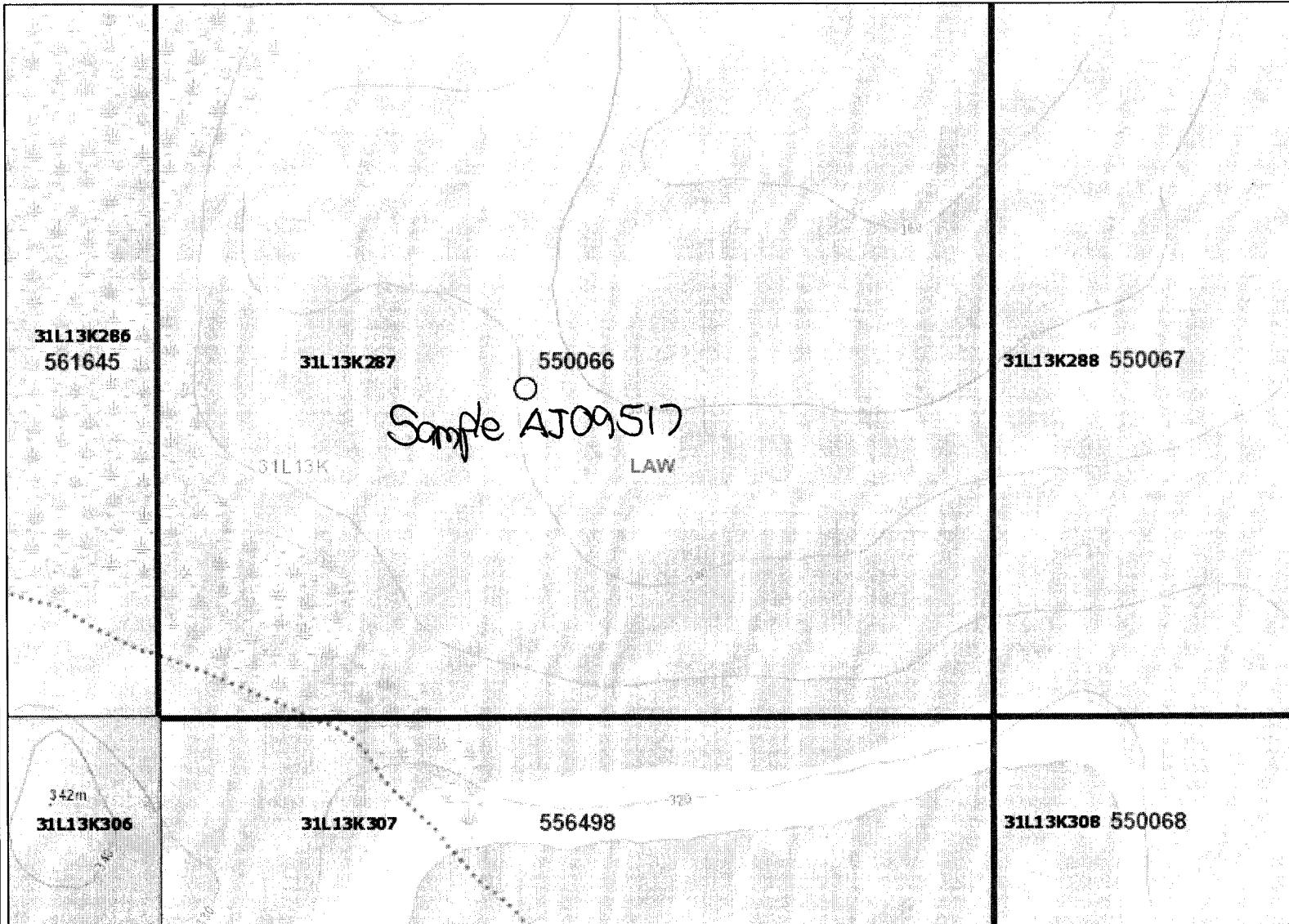
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Notes:

Debeers Sample ID - AJ095719  
Bag Number - 2332  
Claim Number - 550066



Legend

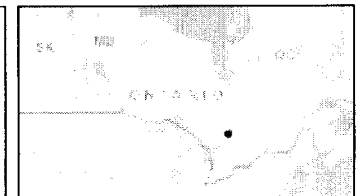
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  - Unavailable
- Mining Claim**
  - Mining Claim
  - Boundary Claim
- Alienation**
  - Withdrawal
  - Notice
- ENDM Administrative Boundaries**
  - ENDM Townships and Areas
  - Geographic Lot Fabric
  - UTM Grid 1K
  - UTM Grid 10K
  - Mining Division
  - Mineral Exploration and Development Region
  - CLUPA Protected Area - Far North
  - Resident Geologist District
  - Federal Land Other
  - Native Reserves
  - AMIS Sites
  - AMIS Features
  - Drill Hole
  - Mineral Occurrences
- MLAS Mining History**
  - Withdrawal - History
  - Notice - History
  - Mining Claim - History
  - Mining Land Tenure - History
  - Legacy Claim
- Provincial Grid**
  - Provincial Grid 250K
  - Provincial Grid 50K
  - Provincial Grid Group
- Land Tenure**
  - Surface Rights
  - Mining Rights
  - Mining and Surface Rights
  - Order-in-Council

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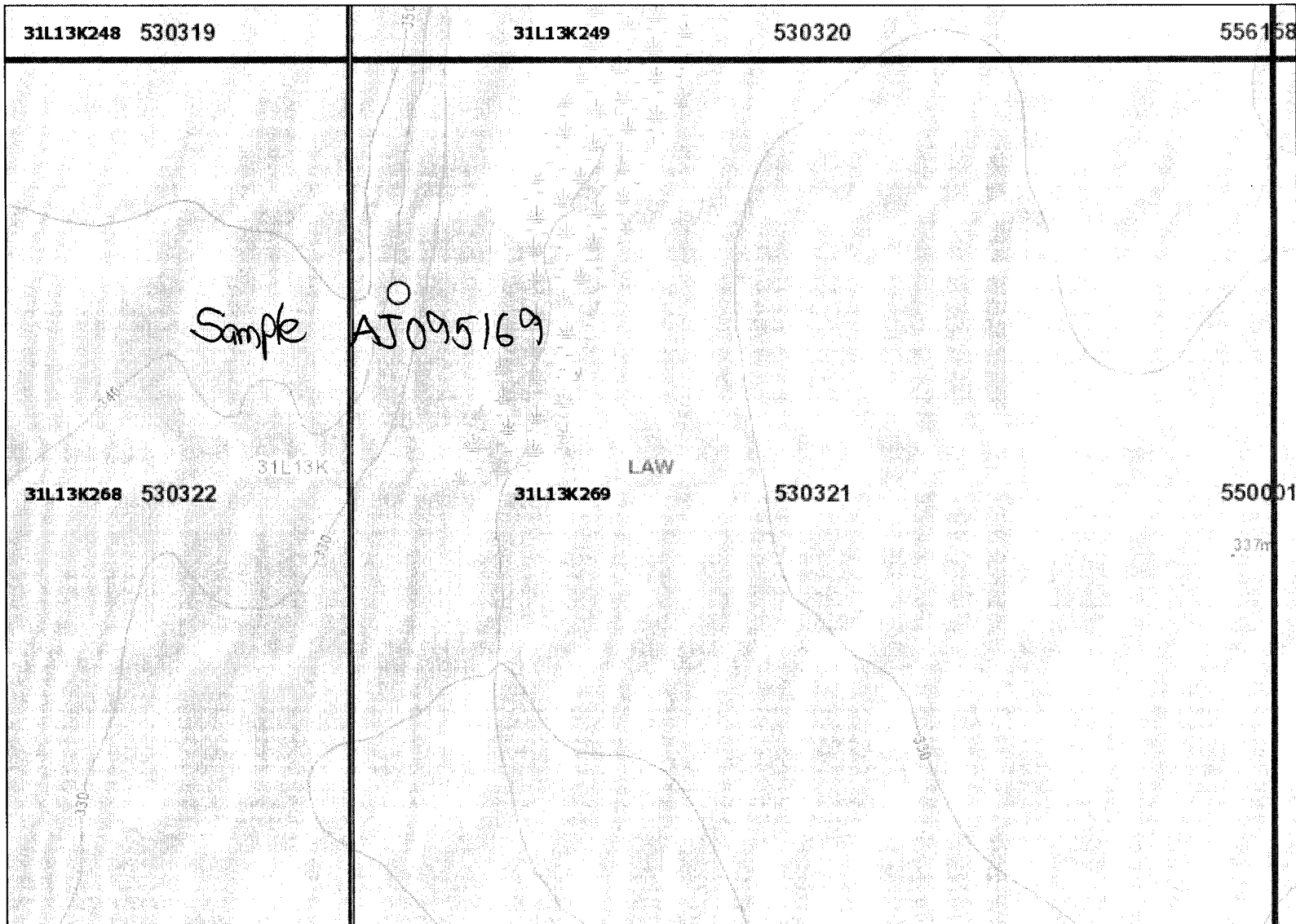






Notes:

Debeers Sample ID - AJ095619  
Bag Number - 4150  
Claim Number - 530321



- ### Legend
- Provincial Grid Cell**
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    - Pending
    - Unavailable
  - Mining Claim**
    - Mining Claim
    - Boundary Claim
  - Alienation**
    - Withdrawal
    - Notice
  - ENDM Administrative Boundaries**
    - ENDM Townships and Areas
    - Geographic Lot Fabric
    - UTM Grid 1K
    - UTM Grid 10K
    - Mining Division
    - Mineral Exploration and Development Region
    - CLUPA Protected Area - Far North
    - Resident Geologist District
    - Federal Land Other
    - Native Reserves
  - AMIS Sites**
    - AMIS Sites
    - AMIS Features
    - Drill Hole
    - Mineral Occurrences
  - MLAS Mining History**
    - Withdrawal - History
    - Notice - History
    - Mining Claim - History
    - Mining Land Tenure - History
    - Legacy Claim
  - Provincial Grid**
    - Provincial Grid 250K
    - Provincial Grid 50K
    - Provincial Grid Group
  - Land Tenure**
    - Surface Rights
    - Mining Rights
    - Mining and Surface Rights
    - Order-in-Council

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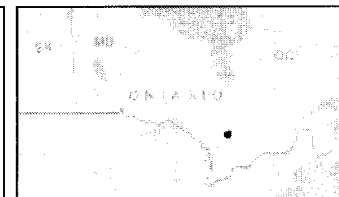
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Projection: Web Mercator



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DigitalGlobe Inc.; U.S. Geological Survey.

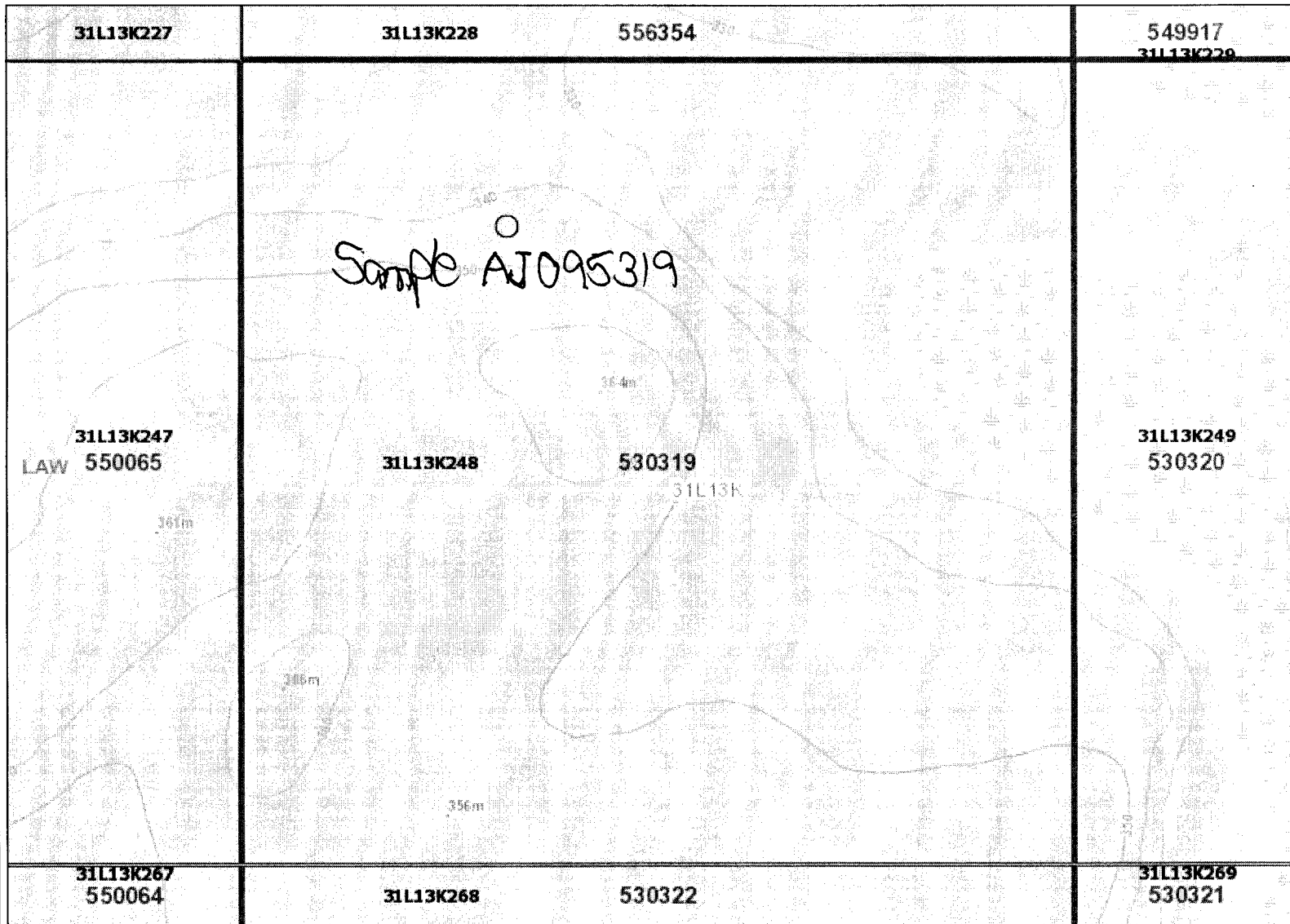
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Notes:

Debeers Sample ID - AJ095319  
Bag Number - bg4372  
Claim # 530319



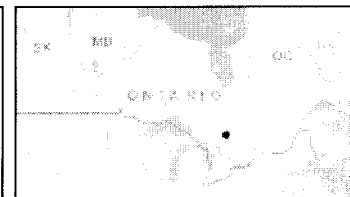
### Legend

- Provincial Grid Cell**
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- Alienation**
  - Withdrawal
  - Notice
- ENDM Administrative Boundaries**
  - ENDM Townships and Areas
  - Geographic Lot Fabric
    - UTM Grid 1K
    - UTM Grid 10K
  - Mining Division
  - Mineral Exploration and Development Region
  - CLUPA Protected Area - Far North
  - Resident Geologist District
  - Federal Land Other
  - Native Reserves
  - AMIS Sites
  - AMIS Features
  - Drill Hole
  - Mineral Occurrences
- MLAS Mining History**
  - Withdrawal - History
  - Notice - History
  - Mining Claim - History
  - Mining Land Tenure - History
  - Legacy Claim
- Provincial Grid**
  - Provincial Grid 250K
  - Provincial Grid 50K
  - Provincial Grid Group
- Land Tenure**
  - Surface Rights
  - Mining Rights
  - Mining and Surface Rights
  - Order-in-Council

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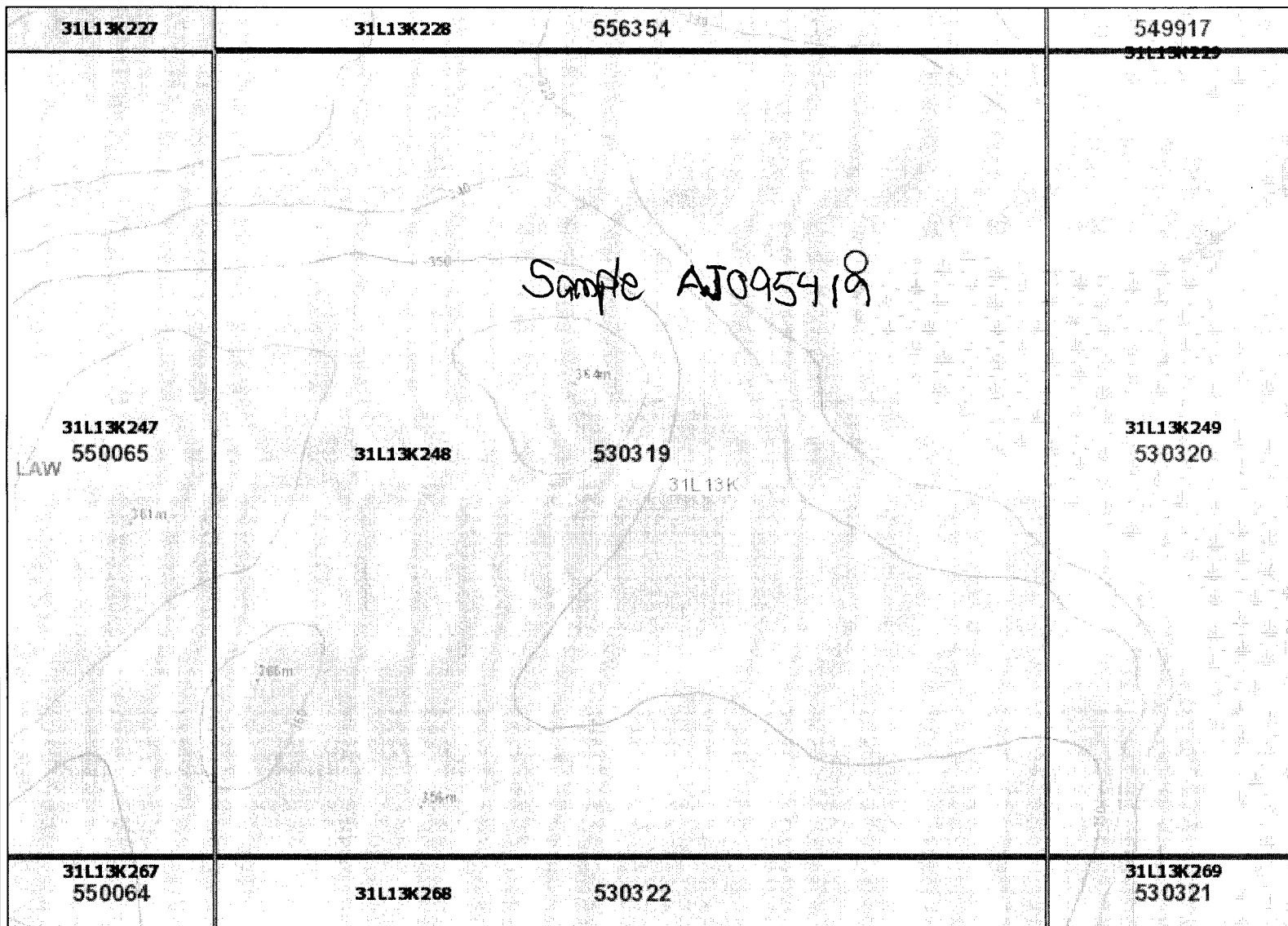
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Notes:

Debeers Sample ID - AJ095419  
Bag Number - bg4423  
Claim # 530319



### Legend

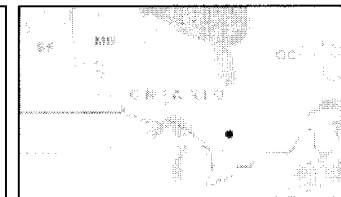
- Provincial Grid Cell**
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- Mining Claim**
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  - Boundary Claim
- Alienation**
  - Withdrawal
  - Notice
- ENDM Administrative Boundaries**
  - ENDM Townships and Areas
  - Geographic Lot Fabric
    - UTM Grid 1K
    - UTM Grid 10K
  - Mining Division
  - Mineral Exploration and Development Region
  - CLUPA Protected Area - Far North
  - Resident Geologist District
  - Federal Land Other
  - Native Reserves
  - AMIS Sites
  - AMIS Features
  - Drill Hole
  - Mineral Occurrences
- MLAS Mining History**
  - Withdrawal - History
  - Notice - History
  - Mining Claim - History
  - Mining Land Tenure - History
  - Legacy Claim
- Provincial Grid**
  - Provincial Grid 250K
  - Provincial Grid 50K
  - Provincial Grid Group
- Land Tenure**
  - Surface Rights
  - Mining Rights
  - Mining and Surface Rights
  - Order-in-Council

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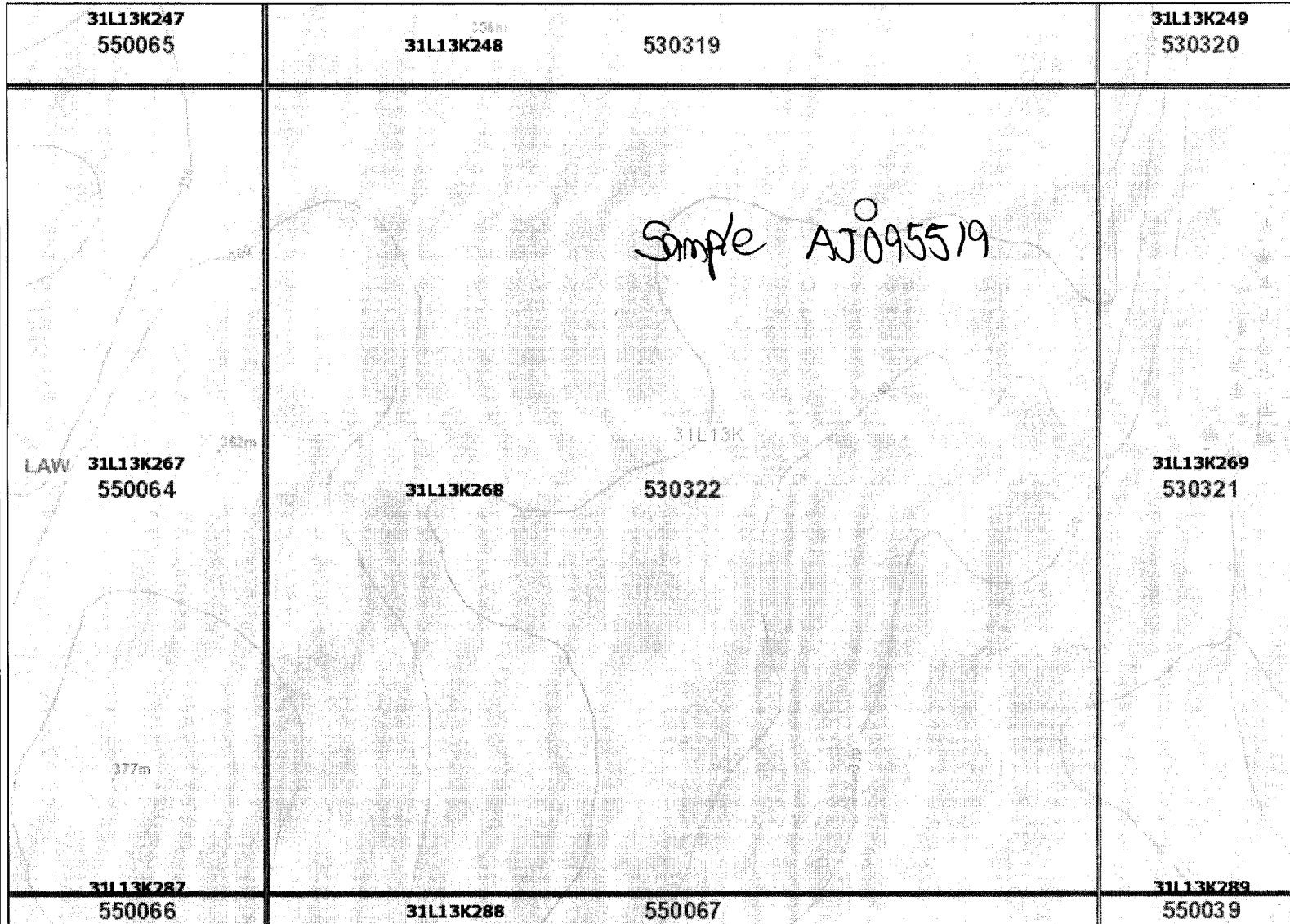
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Notes:

Debeers Sample ID - AJ095519  
Bag Number - bg3557  
Claim # 530322



### Legend

- Provincial Grid Cell**
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  - Pending
  - Unavailable
- Mining Claim**
  - Mining Claim
  - Boundary Claim
- Alienation**
  - Withdrawal
  - Notice
- ENDM Administrative Boundaries**
  - ENDM Townships and Areas
  - Geographic Lot Fabric
  - UTM Grid 1K
  - UTM Grid 10K
  - Mining Division
  - Mineral Exploration and Development Region
  - CLUPA Protected Area - Far North
  - Resident Geologist District
  - Federal Land Other
  - Native Reserves
  - AMIS Sites
  - AMIS Features
  - Drill Hole
  - Mineral Occurrences
- MLAS Mining History**
  - Withdrawal - History
  - Notice - History
  - Mining Claim - History
  - Mining Land Tenure - History
  - Legacy Claim
- Provincial Grid**
  - Provincial Grid 250K
  - Provincial Grid 50K
  - Provincial Grid Group
- Land Tenure**
  - Surface Rights
  - Mining Rights
  - Mining and Surface Rights
  - Order-in-Council

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