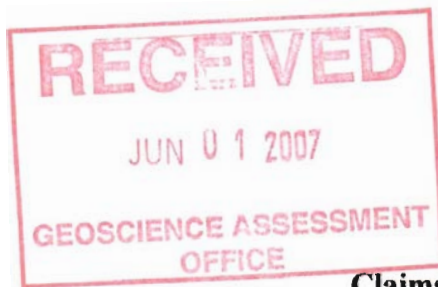


**Assessment Report on Till Sampling**

**Tres-Or Resources Ltd and Arctic Star Diamond Corp.**

**2 • 35 061**

**SHARPE, SAVARD, BLAIN, MARQUIS and DAVIDSON TOWNSHIPS  
Larder Lake Mining District**



**UTM Zone 17 – NTS 41P16  
NAD 83 Projection  
550000E to 566500E  
5304500N to 5310500N**

**Work Conducted on**

**Claims 4200057, 3017646, 3016628, 4206458, 3017647,  
3014165, 4200058, 3014165, 3007596, 3016541, 3017645,**

**Field Work Conducted From July 20, 2005 to December 05, 2005**

**Prepared by:**

Elaine Baša, BSc, P.Geo.,  
Martin Ethier, M.Sc.

Grupo Moje Limited  
Hinterland Geoscience and Geomatics

**For:**

**Tres-Or Resources Ltd. and Arctic Star Diamond Corp.  
29 May 2007**

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## **Summary**

A total of 22 kimberlite bodies, most of which have detectable magnetic responses, have been discovered in the Temiskaming area as well as 10 pipes and at least 11 dykes in the Kirkland Lake area. Contact Diamond's 95-2 pipe in Lundy Twp has been shown to have a commercially attractive diamond population at near economic grades. Given the existing mining infrastructure in this region and the subsequent low cost of mining, the required grade to meet an economic resource here is very low. The recent discovery of several pipes – the Lapointe being the largest yet discovered in Ontario at over 20 hectares – has resulted in a very large area of ground being staked between New Liskeard and Matachewan. In fact, Timiskaming today is one of the most active diamond exploration camps in Canada, with diamonds, large tonnage pipes, a low cost of mining and new discoveries being made.

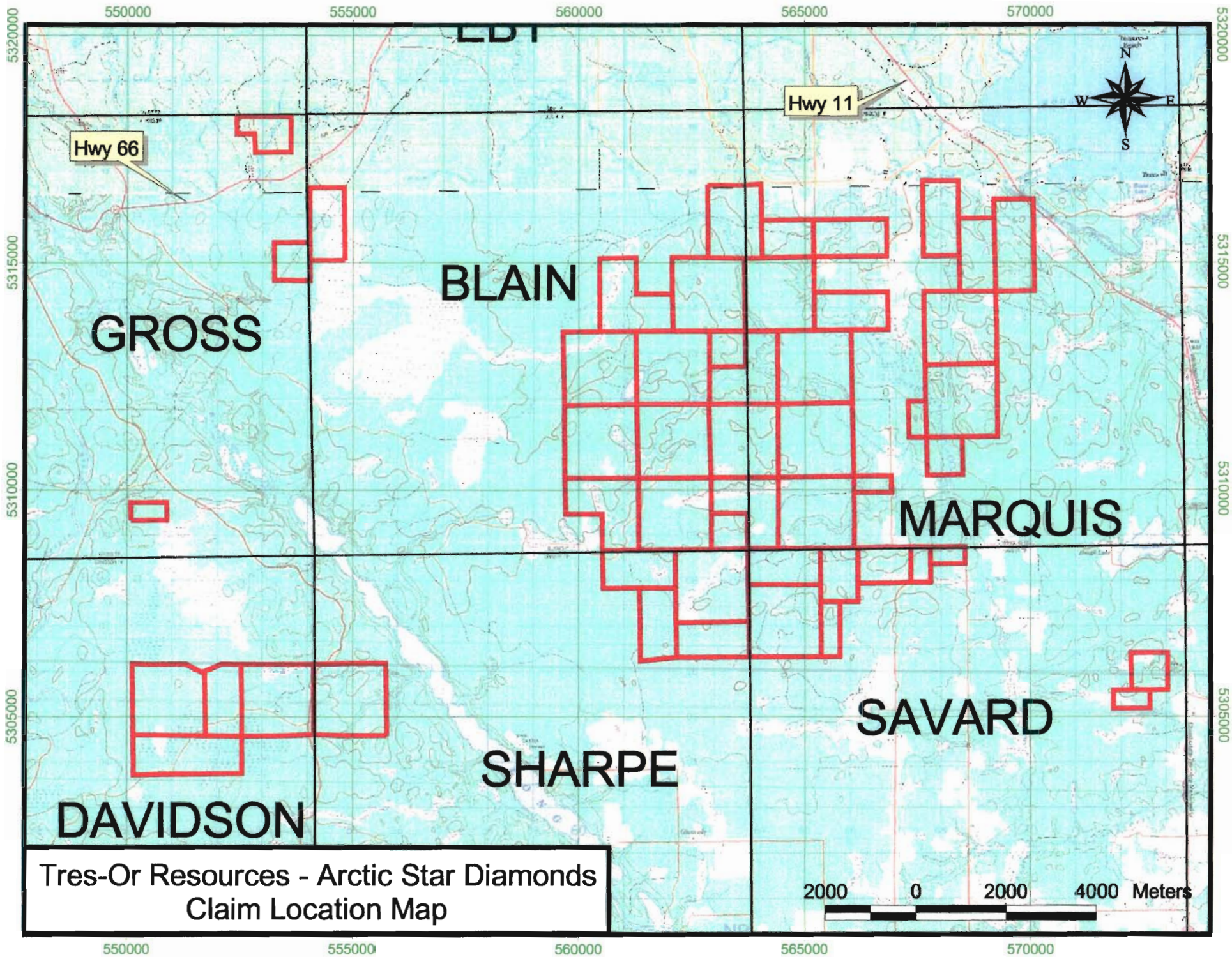
Of the 22 pipes in Timiskaming, 12, or 55%, are thought to have a micro or macro diamond population. Four Timiskaming pipes (KL01, KL22, 95-2 and Lapointe) have been sufficiently diamondiferous to warrant a delineation drilling campaign of 15-20 drill holes, held to be the second stage of the four stage diamond sampling process. One pipe, Contact's 95-2, has warranted a full mini-bulk sample, the third stage of diamond resource sampling.

Subsequent to this initial discovery, Tres-Or Resources, with Arctic Star Diamonds, staked an additional 40 claims (353 units) in the surrounding townships in 2005. An additional 48 claims (524 units) have been staked since 2004. Most of Tres-Or/Arctic Star staking is based on specific targets of interest identified from evaluation of various geophysical manipulations and till sample data.

The Lapointe kimberlite intrudes a granitic batholith known as the Round Lake Granite. This batholith intrudes Archean metavolcanics and metasediments of the Abitibi Greenstone Belt. Diabase dykes traverse the granite at several locations with both a northeast and east northwest trend. Fault structures also traverse the granite. Numerous small deposits or showings of gold, copper, lead and silver are known to occur along the periphery of the intrusive.

This report covers a till sampling program completed in late 2005 resulting in 37 till samples retrieved. A number of proposed sample locations in Davidson Twp had no identifiable till. The cost of the till sampling program described above, the fieldwork plus the direct costs of sample processing and evaluation, writing and producing this report are filed herein as assessment work.





Tres-Or Resources - Arctic Star Diamonds  
Claim Location Map



## **Regional Geology**

The Superior Craton is the largest Archean continental block on earth. Such cratons host most of the world's bedrock diamond mines, and is therefore considered a valid exploration target for diamondiferous kimberlites (Brown et al, 2003).

The Lapointe kimberlite is located within the central portions of the large Round Lake Batholith. The Batholith is approximately 47km east-west and 38km north-south diameter and straddles the Lake Temiskaming and Montreal River faults. These two faults are considered key factors in the emplacement of kimberlites in the Temiskaming area. It is only recently, in 2004, that Contact Diamonds discovered two kimberlite bodies west of the Montreal River Fault in Klock and Van Nostrand townships. This led to a great deal of staking, and ensuing exploration, west of the Montreal River Fault. The results of exploring this new target area have not yet been realized and much work is ongoing.

The Kirkland Lake area is underlain by several ages of rocks and hosts a complicated, although economically favourable, structural history. The oldest rocks consist of the Archean greenstone of the Abitibi subprovince of predominantly granitoid-greenstone assemblages. These metavolcanics and metasedimentary packages are located along the eastern margins of the Round lake Batholith.

To the west are predominantly rocks of the upper Huronian Supergroup – Proterozoic in age. This sedimentary group dominates the Cobalt Embayment and consists primarily of the conglomerates, argillites and arkoses of the Coleman and Firstbrook Members of the Gowganda Formation with Lorrain Formation quartz arenites overlying them. Intruding these is the Nipissing gabbro – a massive, undulating sill throughout the embayment, with numerous feeder dykes.

Paleozoic rocks of Silurian and Ordovician age have been preserved due to block faulting along the Lake Timiskaming fault zone – interpreted as a graben in a failed rift system. It is this deep-

seated structure, which extends from the Ottawa River system through to the James Bay Lowlands, that is considered to be fundamental to the emplacement of the known kimberlite clusters along its length.

Lastly, kimberlite lithologies have been discovered northwest of Kirkland Lake and now to the southwest as well as in the Cobalt-New Liskeard area and, more recently, west of the Montreal River Fault .

Faults comprising the lake Temiskaming Structural Zone (Montreal River, Cross Lake, Lake Timiskaming, Blanche River) that extends from the Ottawa River in a northwesterly trend towards the James Bay Lowlands. Several of these faults within this system pass through the Round Lake Batholith.



## **SURFICIAL GEOLOGY**

### **Glacial History**

The Canadian Shield has an extensive glacial history and most surficial deposits and landforms are the result of the most recent glacial episode (Wisconsinan). The Temagami North extension property is located in an area previously covered by a continental style glacier referred to as the Laurentide Ice-sheet.

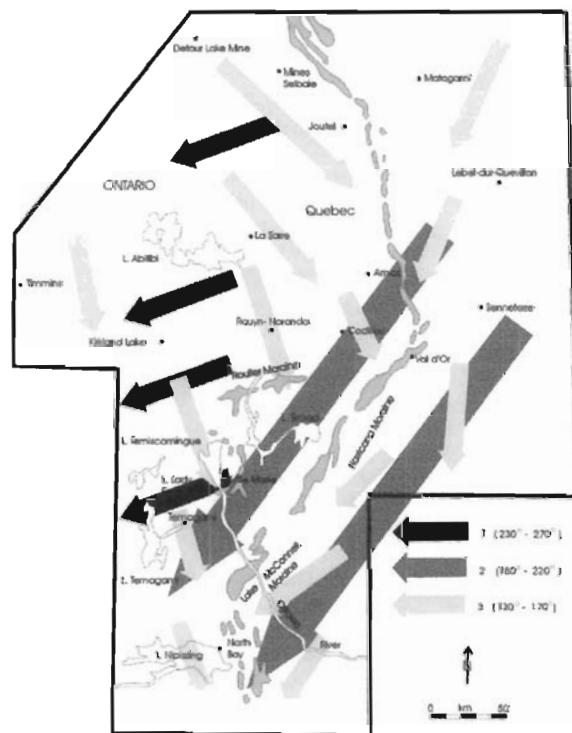
The Keewatin lobe of the Laurentide Ice-sheet advanced across the property between 80 000 and 100 000 years ago at the beginning of the Wisconsinan (Roed, 1979). Ice accumulating in a number of ice domes to the north and northeast was the driving force for the ice movement. By approximately 11 000 years ago deglaciation was well under way and the ice front had receded to a position about 30 km north of North Bay, Ontario (Veillette, 1989). During this time the ice domes existed in Hudson's Bay to the north and in Quebec to the northeast. By 10 500 years before present (BP), the ice sheet began to recede. The ice continued to recede and the property was ice-free by 10 000 years BP.

Following the retreat of the ice-front, proglacial lake Barlow and Ojibway formed. These large glacial lakes, fed by the melting ice and restricted by limited outflow, covered extensive areas of western Quebec and northeastern Ontario. The New Liskeard area and parts of the Ottawa River Valley were flooded and thick glaciolacustrine deposits formed (Veillette, 1994).

The glacial activity in the area is responsible for most of the surficial deposits and many of the landforms that occur. Many of the structurally controlled valleys have been scoured by glacial ice and fill with glaciogenic sediments.

## Ice-Flow History

Much work has been done to determine the regional ice-flow history of the area and the reader is referred to Veillette (1989) for an extensive summary (Figure 2). Veillette (1986, 1989) recognizes three dominant ice-flow directions that likely reflect the shifting of ice divides with time. Early ice-flow was from east to west ( $230^{\circ}$ - $270^{\circ}$ ). Flow direction during this time is likely part of the initial advance of the ice as the Laurentide Ice-sheet grew, consolidated and advanced in to the northern United States of America. This was followed by a deflection of ice-flow to the south at an azimuth of  $180^{\circ}$ - $220^{\circ}$ . It is likely that this phase was the most important in controlling sediment transport. Almost without exception, outcrop with preserved striae show this direction, indicating that much of the surficial material deposited during the  $230^{\circ}$ - $270^{\circ}$  (older) phase was removed and ice was in direct contact with bedrock.



**Figure 2. The three dominant regional ice-flow directions in northeastern Ontario and Northwestern Quebec** ice-flow number 1 is the oldest and number three is the youngest (modified from Veillette, 1986).



## **DEPOSIT TYPE (Diamond)**

Bedrock sources of diamond are limited to kimberlite or closely related rock types, which are rare, deep-seated magmas. All of these deep-seated kimberlitic rocks are Mg-, Ca- and volatile-rich, as well as silica-poor. They are classified based on numerous and commonly overlapping mineralogical and trace element characteristics into three major types: group 1 (archetypal) kimberlite; group 2 (micaeous) kimberlite (sometimes named “orangeite”), or olivine lamproite (Mitchell, 1986). Although debates rage as to the derivation and most important characteristics of these different rock types, each can carry economic diamonds, and for the purposes of this report “kimberlite” or “kimberlitic” should be understood to encompass all three.

Most economic diamond deposits occur in Archean (> 2.5 Ga) cratons. These deposits may be in the form of carrot-shaped pipes, or thin dykes (usually less than 2 m across). The pipes or dykes may penetrate thick supracrustal sequences, but Archean rocks that have not been significantly heated and deformed (Archons of Janse, 1997) are required as a basement. Only relatively cool, thick lithosphere can fracture to sufficiently great depths to provide pathways for kimberlitic magmas to reach the surface.

Exceptions do occur and perhaps the most important is the Argyle Mine in Australia, which is the largest diamond mine in the world based on carats produced. The Argyle Mine occurs in olivine lamproite within a Paleoproterozoic basement. Another exception where diamondiferous kimberlite occurs within deformed or metamorphosed Archean basement is Alberta’s discoveries in the Buffalo Head terrane, where U-Pb ages of basement are Paleoproterozoic. However, Sm-Nd ages, which see through later metamorphic events, give Archean ages (Villeneuve et al., 1993). Although none of these discoveries has been proven economic, exploration continues and preliminary results from some of the pipes are encouraging (Ashton Mining Canada Ltd. press release, May 2001).

## **METHODOLOGY**

Identifying KIM indicator minerals in surficial sediment is now a typical practice in kimberlite exploration. Samples are treated in laboratories and the KIMs separated and counted. The objective is to follow the indicator grains back to the source therefore locating a concealed or unconcealed kimberlite pipe.

Samples of till ranging from 12 to 21 kg were sent to SGS Lakefield Laboratory of Lakefield, Ontario where they were processed to produce a heavy concentrate. Each sample is wet screened at 20 and 60 mesh. The +20 and -60 mesh fractions were dried and stored. The -20+60 mesh fraction was further concentrated using the Wilfley table and the tail fractions were dried and stored. The concentrates are submitted for heavy liquid separation (Methylene iodide @ 3.1 g/cc) followed by dry screening (35 mesh) and magnetic separation (hand magnet and Frantz electromagnetic separator).

The mineral concentrates are observed with a binocular microscope for the selection of diamond indicator mineral species. The kimberlite indicator minerals Cr-pyrope, orange pyrope (eclogitic) garnet, chrome diopside, chromite, Mg-ilmenite (picroilmenite), olivine, and enstatite are recovered by trained observers using optical microscopes and industry standard methodology.

A small amount of material (0.25-0.5 kg) was collected from each sample site before shipment to SGS Lakefield as a witness sample, which is available for enzyme leach or ICP geochemical analysis at a later date, if indicator mineral recovery warrants.

## **PROPERTY ACCESS AND DESCRIPTION**

The property, for this report, refers to the group of claims centred on the junction of Sharpe-Savard-Blain and Marquis Townships as well as a small group of contiguous claims straddling Davidson and Sharpe Townships (Figure 1).

The Lapointe claims are located approximately 26 km southwest of Kirkland Lake, 23 km northwest of Englehart and 57 km north-northwest of New Liskeard. The property is located just less than 10km due west of secondary Highway 563 running between Charlton and Hwy 11 (south-Y intersection). Hough Lake Road runs due west from Hwy 562 for 6.5km on a well-maintained township road. From there, access is an old logging road, which is drivable by truck for approximately 2km for most of the year. Past this point off road vehicles are most reliable. Upgrades have made it more accessible and further work is ongoing as drilling continues. Alternative access from the west is available from Highway 66 between Kenagami and Elk Lake via Emu Road 6 for the western Lapointe claims and via a forest access road along the west side of Long Lake for the Davidson Claims.

Very little published information exists on the inner portions of the Round Lake Batholith. A number of gold and base metal occurrences are documented around the eastern and northern margins of the intrusion, while the western and southern margins are more typically marked by silver, copper and cobalt occurrences (OGS Map 2205). Its perceived low mineral potential has discouraged mapping and exploration budgets. Glen John's 1986 Geology of Hill Lake Area OGS report 250 covers a portion of the batholith in parts of Robillard, Bryce and Dack townships. It is described therein as consisting of tonalite, trondhjemite, granodiorite, aplite and diorite. Modal compositions plotted on a QAP diagram plot the batholith lithologies as tonalite and granodiorite.

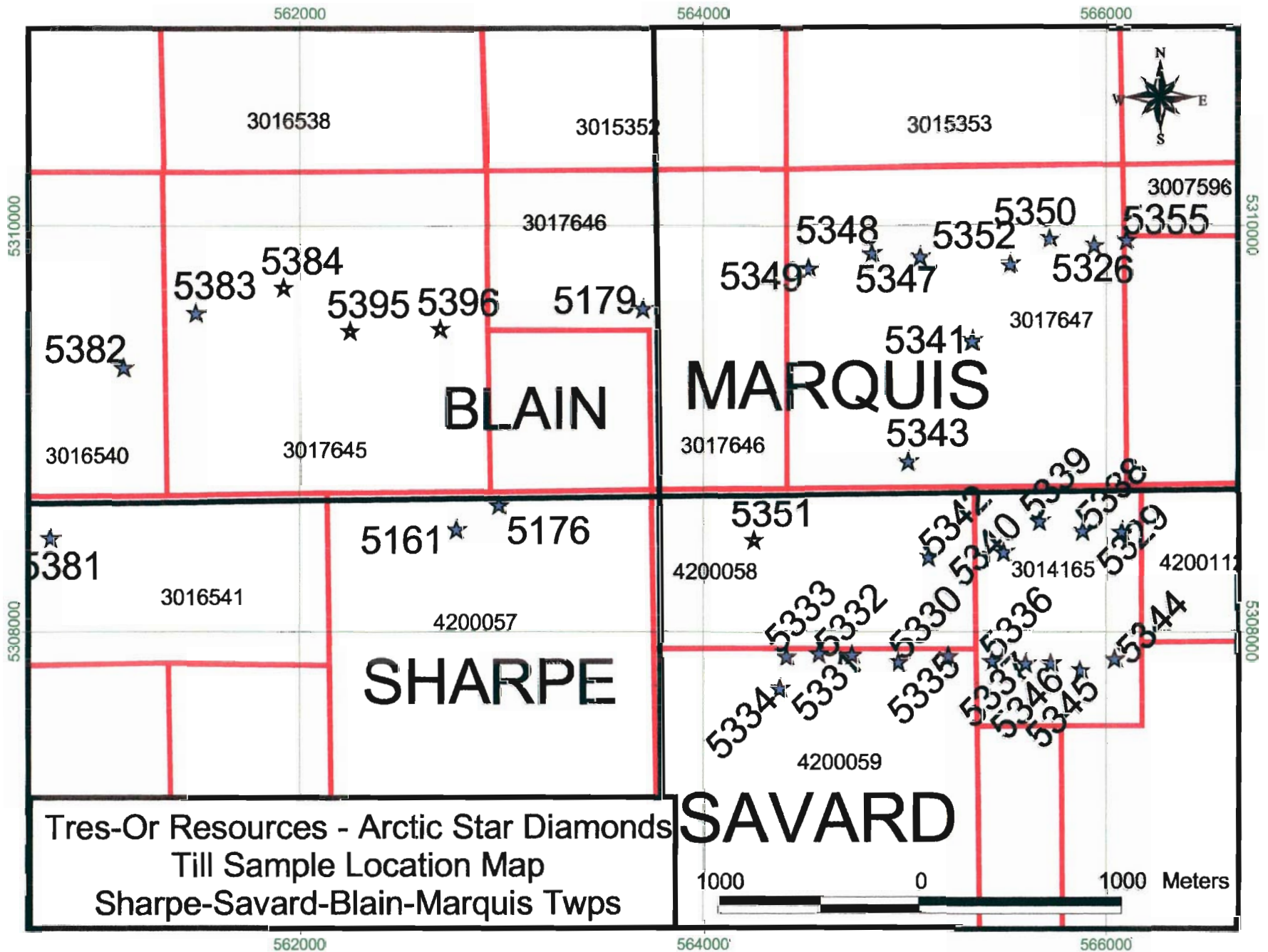
## **LAPOINTE KIMBERLITE AND AREA SAMPLING PROGRAM**

The property was staked initially in the fall of 2004 and spring of 2005 following the initial discovery by diamond drilling of the Lapointe kimberlite pipe in May 2005. Sample collection ranged from July to December 2005. Sample collection data and locations are indicated in Table 1 and in Figures 3 and 4. Results from the sampling are included in Appendix I as Certificates of Analysis from SGS Lakefield Research Limited.

Sampling procedure is outlined briefly above. A total of 6 samples was taken initially in 2004 down-ice of the larger coincident mag and EM anomaly and down-ice of each of two lesser magnetic anomalies. Because kimberlites tend to occur in clusters, a more regional sampling program was initiated. Results of this sampling indicate further sampling is warranted in the northeastern portion of the area.

Till sampling in the Lapointe kimberlite vicinity shows an indicator train defined by high chromite and moderate pyrope garnets with minor chrome diopsides on the eastern side of the sampled area trending NNE. Additional sampling is warranted to define and extend the train up-ice.

Sampling in the Davidson Twp block was difficult in that little till was available for sampling. Of 6 proposed till sample sites, only two locations yielded till due to deep sand (see Appendix II for proposed sample location field maps).



Tres-Or Resources - Arctic Star Diamonds  
 Till Sample Location Map  
 Sharpe-Savard-Blain-Marquis Twps

SAVARD





550000

552000

554000

Tres-Or Resources - Arctic Star Diamonds  
 Till Sample Location Map  
 Davidson-Sharpe Twps



DAVIDSON  
 SHARPE

5306000

5306000

★ 5253

4206458

4206527

3016627

3016628

● 5180  
 ★

4206526

5304000

5304000

- ★ Till Sample Location
- ▭ Townships
- ▭ TRS Claims Jan 4, 2007
- attempted till sample locations



550000

552000

554000

Table 1. Till Sample Collection Data

Sample	Date	Collectors	Easting	Northing	TWP	Claim #	Weight (Kg)
5161	26-Jul-05	CJL, JE	562775	5308506	Sharpe	4200057	?
5176	18-Aug-05	CJL, JE	562987	5308627	Sharpe	4200057	14.3
5179	21-Aug-05	CJL, JE	563702	5309594	Blain	3017646	15.5
5180	22-Aug-05	CJL, JE	554317	5305196	Sharpe	3016628	17.4
5253	03-Dec-05	CJL, JE	550794	5305769	Davidson	4206458	15.0
5326	30-Oct-05	CJL/GC	565938	5309907	Marquis	3017647	18.2
5329	27-Oct-05	CJL/JE	566073	5308494	Savard	3014165	14.1
5330	27-Oct-05	CJL/JE	564971	5307851	Savard	4200058	17.7
5331	27-Oct-05	CJL/JE	564739	5307888	Savard	4200058	17.7
5332	27-Oct-05	CJL/GC	564575	5307893	Savard	4200058	19.1
5333	27-Oct-05	CJL/GC	564414	5307880	Savard	4200058	19.1
5334	27-Oct-05	CJL/GC	564377	5307721	Savard	4200058	15.9
5335	27-Oct-05	CJL/JE	565216	5307881	Savard	4200058	15.0
5336	27-Oct-05	CJL/GC	565431	5307856	Savard	3014165	15.0
5337	27-Oct-05	CJL/GC	565598	5307844	Savard	3014165	15.0
5338	28-Oct-05	CJL/GC	565880	5308497	Savard	3014165	21.4
5339	28-Oct-05	CJL/GC	565666	5308547	Savard	3014165	20.0
5340	28-Oct-05	CJL/JE	565489	5308394	Savard	3014165	21.4
5341	28-Oct-05	CJL/GC	565332	5309438	Marquis	3017647	20.9
5342	28-Oct-05	CJL/JE	565119	5308369	Savard	3014165	19.1
5343	28-Oct-05	CJL/GC	565016	5308841	Marquis	3017647	20.0
5344	29-Oct-05	CJL/JE	566041	5307866	Savard	3014165	14.1
5345	29-Oct-05	CJL/GC/JE	565869	5307810	Savard	3014165	16.8
5346	29-Oct-05	CJL/GC	565722	5307842	Savard	3014165	15.9
5347	29-Oct-05	CJL/GC/JE	565077	5309850	Marquis	3017647	15.9
5348	29-Oct-05	CJL/GC/JE	564837	5309868	Marquis	3017647	15.0
5349	29-Oct-05	CJL/GC/JE	564521	5309796	Marquis	3017647	17.3
5350	29-Oct-05	CJL/GC/JE	565716	5309939	Marquis	3017647	14.5
5351	30-Oct-05	CJL/GC	564246	5308449	Savard	4200058	15.5
5352	30-Oct-05	CJL/GC	565520	5309814	Marquis	3017647	16.4
5355	30-Oct-05	CJL/GC	566099	5309931	Savard	3007596	16.4
5381	18-Nov-05	GC/JE	560753	5308463	Sharpe	3016541	17.0
5382	18-Nov-05	GC/JE	561121	5309304	Blain	3017645	16.1
5383	18-Nov-05	GC/JE	561479	5309574	Blain	3017645	12.9
5384	18-Nov-05	GC/JE	561915	5309696	Blain	3017645	16.2
5395	18-Nov-05	GC/JE	562244	5309481	Blain	3017645	16.3
5396	18-Nov-05	GC/JE	562691	5309493	Blain	3017645	14.6



## **REFERENCES**

Contact Diamonds website: <http://www.contactdiamond.com>

Geological Survey of Canada Website: [http://gsc.nrcan.gc.ca/diamonds/kirkland/diamond\\_e.php](http://gsc.nrcan.gc.ca/diamonds/kirkland/diamond_e.php)

Johns, G.W., 1986. Geology of the Hill Lake Area, District of Timiskaming, OGS Report 250.

Kirkland Lake Resident Geologist's Office link to Geology of the Kirkland Lake District:  
[http://www.mndm.gov.on.ca/mndm/mines/resgeol/northeast/kirkland\\_lake/geo\\_e.asp](http://www.mndm.gov.on.ca/mndm/mines/resgeol/northeast/kirkland_lake/geo_e.asp)

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## **STATEMENT OF QUALIFICATION**

To accompany the report entitled: Assessment Report on Till Sampling Sharpe, Savard, Blain, Marquis, Davidson Townships, Larder Lake Mining District for Tres-Or Resources Ltd and Arctic Star Diamonds Corp., May 2007.

I, Elaine Baša, of the city of Temiskaming Shores, in the Province of Ontario, Canada, hereby certify as follows concerning my report on the Tres-Or Resources Ltd.'s and Arctic Star Diamonds Corp.'s Sharpe, Savard, Blain, Marquis, Davidson Township property, Ontario, 2007:

1. I graduated from Carleton University in 1985 with a degree of Bachelor of Science, Honours Geology.
2. I am a Professional Geologist and a member of Professional Geoscientists of Ontario (member number 0895).
3. I have worked continuously in the mining industry for the past 22 years.
4. I am acting as a consulting geologist for Tres-Or Resources Ltd.
5. The attached report is a product of:
  - a) data provided to me by the property owner
  - b) reports identified in the reference section of this report
  - c) knowledge gained from working in the area over much of the past 22 years

Dated this 29<sup>th</sup> day of May 2007 in Temiskaming Shores, Ontario



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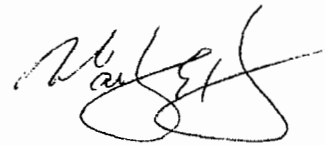
Elaine Baša, P.Geol.



## **Statements of Qualification**

1. To accompany the sampling report in Sharpe, Savard, Blain, Marquis and Davidson Twps, Larder Lake Mining District for Tres-Or Resources Ltd, May 29th, 2007
2. I, Martin Ethier, of the city of Temiskaming Shores, in the Province of Ontario, Canada, hereby certify as follows concerning my report on the Tres-Or Resources Ltd.'s Lapointe property, Ontario, 2007:
3. I graduated a Bachelor of Arts , from Mount Allison University in Sackville New Brunswick (1997), majoring in Geography, and minors in Geology as well as Environmental Studies. In addition, I completed an intensive Post Graduate Advanced Diploma in Remote Sensing and Geographic Information Systems from the Centre of Geographic Sciences (COGS) in Lawrencetown (1998), Nova Scotia. Furthermore have obtained a Master s of Science in Geology from Acadia University in Wolfville (2001), Nova Scotia.
4. I am currently employed as a consulting geologist providing my services through:  
  
*Hinterland Geoscience & Geomatics  
620 Brewster Street, P.O. Box 304  
Haileybury, Ontario P0J 1K0  
(705) 672-5814*
5. The attached report is a product of:
  - data provided to me by the property owner
  - reports identified in the reference section of this report
  - local knowledge and experience

Dated this 29<sup>th</sup> day of May 2007 in Temiskaming Shores, Ontario



Martin Ethier M.Sc.

## **APPENDICES**

Appendix I .....Laboratory Analysis Certificates  
Appendix II .....Proposed Samples Locations on Field Maps

## **APPENDIX I**

**SGS Lakefield Research Analysis Certificates**



SGS Lakefield Research Limited  
 P.O. Box 4300, 185 Concession Street,  
 Lakefield, Ontario K0L 2H0  
 Phone: 705-652-2112 Fax: 705-652-3123

## CERTIFICATE OF ANALYSIS

Project: 8901-398

Client: Tres-Or Resources Ltd.

Date: September 13, 2005

LIMS No: MI1001-AUG05

Size Fraction			DIAMOND INDICATOR MINERALS														INITIALS	
-20 +35 mesh			PYR		ECL		CPX		ILM		CHR		OPX		OLI		Picker	QC Picker
No.	Sample ID	Sink Weight (g)	Pick 1	QC Pick	Pick 1	QC Pick	Pick 1	QC Pick	Pick 1	QC Pick	Pick 1	QC Pick	Pick 1	QC Pick	Pick 1	QC Pick		
1																		
2	5161	18.50	0	-	0	-	0	-	0	-	2	-	0	-	0	-	TM	-
3																		
4																		
5																		

Size Fraction			DIAMOND INDICATOR MINERALS														INITIALS	
-35 +60 mesh			PYR		ECL		CPX		ILM		CHR		OPX		OLI		Picker	QC Picker
No.	Sample ID	Sink Weight (g)	Pick 1	QC Pick	Pick 1	QC Pick	Pick 1	QC Pick	Pick 1	QC Pick	Pick 1	QC Pick	Pick 1	QC Pick	Pick 1	QC Pick		
1																		
2	5161	10.70	0	-	0	-	0	-	0	-	22	-	0	-	0	-	TM	-
3																		
4																		
5																		

Note: The selected grains must be chemically analysed to classify the minerals as diamond indicators.

**MINERALS**

PYR	PYROPE GARNET	CHR	CHROMITE
ECL	ECLOGITIC GARNET	OPX	ORTHOPYROXENE
CPX	CLINOPYROXENE	OLI	OLIVINE
ILM	ILMENITE		

\_\_\_\_\_  
 Hugh DeSouza, Ph.D, P.Geo.  
 Group Leader - Diamond Exploration Services



SGS Lakefield Research Limited  
P.O. Box 4300, 185 Concession Street,  
Lakefield, Ontario K0L 2H0  
Phone: 705-652-2112 Fax: 705-652-3123

## CERTIFICATE OF ANALYSIS

Project: 8901-398

Client: Tres-Or Resources Ltd.

Date: October 20, 2005

LIMS No: MI1003-SEP05

Size Fraction			KIMBERLITE INDICATOR MINERALS														INITIALS	
-20 +35 mesh			PRP		ECL		CPX		ILM		CHR		OPX		OLI		Picker	QC Picker
No.	Sample ID	Sink Weight (g)	Pick 1	QC Pick	Pick 1	QC Pick	Pick 1	QC Pick	Pick 1	QC Pick	Pick 1	QC Pick	Pick 1	QC Pick	Pick 1	QC Pick		
1																		
2																		
3																		
4																		
5	5180	0.63	0	0	0	0	0	0	3	0	1	0	0	0	0	0	TM	AF
6	5176	4.06	0	0	0	0	0	0	2	0	0	0	0	0	0	0	TM	AF
7	5179	1.03	1	0	0	0	0	0	0	0	0	0	0	0	0	0	TM	AF
8																		
9																		

Note: The selected grains must be chemically analysed to classify the minerals as diamond indicators.

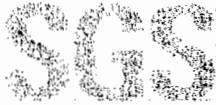
### MINERALS

PRP PYROPE GARNET  
ECL ECLOGITIC GARNET  
CPX CLINOPYROXENE  
ILM ILMENITE

CHR CHROMITE  
OPX ORTHOPYROXENE  
OLI OLIVINE

Hugh DeSouza, Ph.D, P.Geo.  
Group Leader - Diamond Exploration Services





SGS Lakefield Research Limited  
 P.O. Box 4300, 185 Concession Street,  
 Lakefield, Ontario K0L 2H0  
 Phone: 705-652-2112 Fax: 705-652-3123

## CERTIFICATE OF ANALYSIS

**Project: 8901-398**

**Client: Tres-Or Resources Ltd.**

**Date: October 20, 2005**

**LIMS No: MI1003-SEP05**

Size Fraction			KIMBERLITE INDICATOR MINERALS														INITIALS	
-35 +60 mesh			PRP		ECL		CPX		ILM		CHR		OPX		OLI		Picker	QC Picker
No.	Sample ID	Sink Weight (g)	Pick 1	QC Pick	Pick 1	QC Pick	Pick 1	QC Pick	Pick 1	QC Pick	Pick 1	QC Pick	Pick 1	QC Pick	Pick 1	QC Pick		
1																		
2																		
3																		
4																		
5	5180	4.61	1	0	0	0	0	0	2	1	50	21	0	0	1	0	TM	AF
6	5176	3.68	0	0	0	0	0	0	5	0	10	4	0	0	0	0	TM	AF
7	5179	3.79	0	1	0	0	0	0	0	0	37	10	0	0	0	0	TM	AF
8																		
9																		

**Note:** The selected grains must be chemically analysed to classify the minerals as diamond indicators.

**MINERALS**

PRP PYROPE GARNET  
 ECL ECLOGITIC GARNET  
 CPX CLINOPYROXENE  
 ILM ILMENITE

CHR CHROMITE  
 OPX ORTHOPYROXENE  
 OLI OLIVINE

\_\_\_\_\_  
 Hugh DeSouza, Ph.D, P.Geo.  
 Group Leader - Diamond Exploration Services



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 Lakefield, Ontario K0L 2H0  
 Phone: 705-652-2112 Fax: 705-652-3123

## CERTIFICATE OF ANALYSIS

Project: 8901-398

Client: Tres-Or Resources Ltd.

Date: March 22, 2006

LIMS No: MI1000-DEC05

Size Fraction			KIMBERLITE INDICATOR MINERALS														INITIALS	
-20 +35 mesh			PRP		ECL		CPX		ILM		CHR		OPX		OLI		Picker	QC Picker
No.	Sample ID	Sink Weight (g)	Pick 1	QC Pick	Pick 1	QC Pick	Pick 1	QC Pick	Pick 1	QC Pick	Pick 1	QC Pick	Pick 1	QC Pick	Pick 1	QC Pick		
1	5326	0.88	0	0	0	0	0	0	0	0	1	0	0	0	0	0	TM	AF
2																		
3																		
4	5329	1.64	2	-	0	-	0	-	2	-	2	-	0	-	0	-	TM	-
5	5330	2.63	1	0	0	0	0	0	0	0	0	0	0	0	0	0	TM	AF
6	5331	4.36	0	-	0	-	0	-	0	-	0	-	0	-	0	-	TM	-
7	5332	2.40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	TM	AF
8	5333	1.15	0	-	0	-	0	-	0	-	2	-	0	-	0	-	TM	-
9	5334	0.70	0	0	0	0	0	0	0	0	3	0	0	0	0	0	TM	AF
10	5335	1.75	0	-	0	-	0	-	0	-	1	-	0	-	0	-	TM	-
11	5336	1.18	0	0	0	0	0	0	1	0	1	0	0	0	0	0	TM	AF
12	5337	0.67	0	-	0	-	0	-	0	-	1	-	0	-	0	-	TM	-
13	5338	2.09	0	0	0	0	2	0	0	0	1	0	0	0	0	0	TM	AF
14	5339	2.00	0	-	0	-	1	-	0	-	2	-	0	-	0	-	TM	-
15	5340	1.34	0	0	0	0	0	0	0	0	2	0	0	0	0	0	TM	AF
16	5340 QC	1.16	0	-	0	-	0	-	0	-	0	-	0	-	0	-	TM	-

Note: The selected grains must be chemically analysed to classify the minerals as diamond indicators.

### MINERALS

PRP PYROPE GARNET  
 ECL ECLOGITIC GARNET  
 CPX CLINOPYROXENE  
 ILM ILMENITE

CHR CHROMITE  
 OPX ORTHOPYROXENE  
 OLI OLIVINE

\_\_\_\_\_  
 Hugh DeSouza, Ph.D, P.Geo.  
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## CERTIFICATE OF ANALYSIS

Project: 8901-398

Client: Tres-Or Resources Ltd.

Date: March 22, 2006

LIMS No: MI1000-DEC05

Size Fraction			KIMBERLITE INDICATOR MINERALS														INITIALS	
-35 +60 mesh			PRP		ECL		CPX		ILM		CHR		OPX		OLI		Picker	QC Picker
No.	Sample ID	Sink Weight (g)	Pick 1	QC Pick	Pick 1	QC Pick	Pick 1	QC Pick	Pick 1	QC Pick	Pick 1	QC Pick	Pick 1	QC Pick	Pick 1	QC Pick		
1	5326	7.49	2	0	0	0	1	0	0	0	28	9	0	0	0	0	TM	AF
2																		
3																		
4	5329	17.81	1	-	0	-	2	-	0	-	29	-	0	-	0	-	TM	-
5	5330	4.85	0	1	0	0	0	0	0	0	17	9	0	0	0	0	TM	AF
6	5331	5.50	0	-	0	-	0	-	0	-	13	-	0	-	0	-	TM	-
7	5332	10.29	4	0	0	0	2	0	0	0	56	13	0	0	0	0	TM	AF
8	5333	12.50	8	-	0	-	1	-	0	-	18	-	0	-	0	-	TM	-
9	5334	8.62	0	0	0	0	2	0	0	0	19	7	0	0	0	0	TM	AF
10	5335	4.53	0	-	0	-	0	-	0	-	19	-	0	-	0	-	TM	-
11	5336*	7.06	0	0	0	0	0	0	0	0	46	27	0	0	0	0	TM	AF
12	5337	11.50	0	-	0	-	0	-	0	-	20	-	0	-	0	-	TM	-
13	5338	19.92	4	0	0	0	3	0	0	0	59	9	0	0	0	0	TM	AF
14	5339	10.70	0	-	0	-	0	-	0	-	52	-	0	-	0	-	TM	-
15	5340	13.37	1	0	0	0	0	0	0	0	17	5	0	0	0	0	TM	AF
16	5340 QC	0.65	0	-	0	-	0	-	0	-	0	-	0	-	0	-	TM	-

Note: The selected grains must be chemically analysed to classify the minerals as diamond indicators.

### MINERALS

PRP PYROPE GARNET  
 ECL ECLOGITIC GARNET  
 CPX CLINOPYROXENE  
 ILM ILMENITE

CHR CHROMITE  
 OPX ORTHOPYROXENE  
 OLI OLIVINE  
 \* GOLD

\_\_\_\_\_  
 Hugh DeSouza, Ph.D, P.Geo.  
 Group Leader - Diamond Exploration Services



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 Phone: 705-652-2112 Fax: 705-652-3123

## CERTIFICATE OF ANALYSIS

Project: 8901-398

Client: Tres-Or Resources Ltd.

Date: March 22, 2006

LIMS No: MI1001-DEC05

Size Fraction			KIMBERLITE INDICATOR MINERALS														INITIALS	
-20 +35 mesh			PRP		ECL		CPX		ILM		CHR		OPX		OLI		Picker	QC Picker
No.	Sample ID	Sink Weight (g)	Pick 1	QC Pick	Pick 1	QC Pick	Pick 1	QC Pick	Pick 1	QC Pick	Pick 1	QC Pick	Pick 1	QC Pick	Pick 1	QC Pick		
1	5341	2.36	0	-	0	-	0	-	1	-	2	-	0	-	0	-	TM	-
2	5342	1.69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	TM	AF
3	5343	2.03	0	-	0	-	0	-	1	-	2	-	0	-	0	-	TM	-
4	5344	1.42	0	0	0	0	0	0	0	0	1	0	0	0	0	0	TM	AF
5	5345	2.20	0	-	0	-	0	-	0	-	0	-	0	-	0	-	TM	-
6	5346	2.74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	TM	AF
7	5347	1.22	1	-	0	-	1	-	0	-	0	-	0	-	0	-	TM	-
8	5348	2.08	0	0	0	0	0	0	0	0	0	0	0	0	0	0	TM	AF
9	5349	0.96	0	-	0	-	0	-	0	-	1	-	0	-	0	-	TM	-
10	5350	1.67	1	0	0	0	0	0	0	0	4	0	0	0	0	0	TM	AF
11	5351	1.47	0	-	0	-	0	-	0	-	0	-	0	-	0	-	TM	-
12	5352	0.96	0	0	0	0	0	0	0	0	1	0	0	0	0	0	TM	AF
13	5355	1.96	0	-	0	-	0	-	0	-	0	-	0	-	0	-	TM	-
14	5380	0.82	1	0	0	0	0	0	0	0	6	0	0	0	0	0	TM	AF
15	5381	0.79	0	-	0	-	0	-	0	-	1	-	0	-	0	-	TM	-
16	5381 QC	0.60	0	-	0	-	0	-	0	-	0	-	0	-	0	-	TM	-

Note: The selected grains must be chemically analysed to classify the minerals as diamond indicators.

### MINERALS

PRP PYROPE GARNET  
 ECL ECLOGITIC GARNET  
 CPX CLINOPYROXENE  
 ILM ILMENITE

CHR CHROMITE  
 OPX ORTHOPYROXENE  
 OLI OLIVINE

\_\_\_\_\_  
 Hugh DeSouza, Ph.D, P.Geo.  
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Phone: 705-652-2112 Fax: 705-652-3123

## CERTIFICATE OF ANALYSIS

Project: 8901-398

Client: Tres-Or Resources Ltd.

Date: March 22, 2006

LIMS No: MI1001-DEC05

Size Fraction			KIMBERLITE INDICATOR MINERALS														INITIALS	
-35 +60 mesh			PRP		ECL		CPX		ILM		CHR		OPX		OLI		Picker	QC Picker
No.	Sample ID	Sink Weight (g)	Pick 1	QC Pick	Pick 1	QC Pick	Pick 1	QC Pick	Pick 1	QC Pick	Pick 1	QC Pick	Pick 1	QC Pick	Pick 1	QC Pick		
1	5341	16.84	1	-	0	-	0	-	0	-	36	-	0	-	0	-	TM	-
2	5342	22.18	2	0	0	0	0	0	0	0	77	22	0	0	0	0	TM	AF
3	5343	17.24	5	-	0	-	4	-	0	-	33	-	0	-	0	-	TM	-
4	5344	1.73	0	0	0	0	0	0	0	0	2	1	0	0	0	0	TM	AF
5	5345	2.81	1	-	0	-	0	-	0	-	4	-	0	-	0	-	TM	-
6	5346	4.02	0	1	0	0	0	0	0	0	8	3	0	0	0	0	TM	AF
7	5347	6.49	0	-	0	-	0	-	0	-	14	-	0	-	0	-	TM	-
8	5348	4.28	0	1	0	0	0	0	0	0	3	1	0	0	0	0	TM	AF
9	5349	11.82	1	-	0	-	0	-	0	-	34	-	0	-	0	-	TM	-
10	5350	12.46	2	0	0	0	0	0	0	0	53	6	0	0	0	0	TM	AF
11	5351	8.51	0	-	0	-	1	-	0	-	53	-	0	-	0	-	TM	-
12	5352	12.11	1	0	0	0	1	0	0	0	43	15	0	0	0	0	TM	AF
13	5355	6.73	2	-	0	-	0	-	0	-	24	-	0	-	0	-	TM	-
14	5380	13.43	2	0	0	0	0	0	1	0	79	8	0	0	0	0	TM	AF
15	5381	10.91	0	-	0	-	0	-	0	-	49	-	0	-	0	-	TM	-
16	5381 QC	0.18	0	-	0	-	0	-	0	-	0	-	0	-	0	-	TM	-

Note: The selected grains must be chemically analysed to classify the minerals as diamond indicators.

### MINERALS

PRP PYROPE GARNET  
ECL ECLOGITIC GARNET  
CPX CLINOPYROXENE  
ILM ILMENITE

CHR CHROMITE  
OPX ORTHOPYROXENE  
OLI OLMINE

\_\_\_\_\_  
Hugh DeSouza, Ph.D, P.Geo.  
Group Leader - Diamond Exploration Services



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## CERTIFICATE OF ANALYSIS

Project: 8901-398

Client: Tres-Or Resources Ltd.

Date: March 22, 2006

LIMS No: MI1002-DEC05

Size Fraction			KIMBERLITE INDICATOR MINERALS														INITIALS	
-20 +35 mesh			PRP		ECL		CPX		ILM		CHR		OPX		OLI		Picker	QC Picker
No.	Sample ID	Sink Weight (g)	Pick 1	QC Pick	Pick 1	QC Pick	Pick 1	QC Pick	Pick 1	QC Pick	Pick 1	QC Pick	Pick 1	QC Pick	Pick 1	QC Pick		
1	5382	1.18	1	0	0	0	0	0	0	0	1	0	0	0	0	0	TM	AF
2	5383	1.21	0	-	0	-	0	-	0	-	0	-	0	-	0	-	TM	-
3	5384	3.29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	TM	AF
4	5395	3.56	0	-	0	-	0	-	0	-	0	-	0	-	0	-	TM	-
5	5396	0.46	0	0	0	0	0	0	0	0	2	0	0	0	0	0	TM	AF
6	5396 QC	0.42	0	-	0	-	0	-	0	-	0	-	0	-	0	-	TM	-

Note: The selected grains must be chemically analysed to classify the minerals as diamond indicators.

### MINERALS

PRP PYROPE GARNET  
ECL ECLOGITIC GARNET  
CPX CLINOPYROXENE  
ILM ILMENITE

CHR CHROMITE  
OPX ORTHOPYROXENE  
OLI OLIVINE

---

Hugh DeSouza, Ph.D, P.Geo.  
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## CERTIFICATE OF ANALYSIS

Project: 8901-398

Client: Tres-Or Resources Ltd.

Date: March 22, 2006  
LIMS No: MI1002-DEC05

Size Fraction			KIMBERLITE INDICATOR MINERALS														INITIALS	
-35 +60 mesh			PRP		ECL		CPX		ILM		CHR		OPX		OLI		Picker	QC Picker
No.	Sample ID	Sink Weight (g)	Pick 1	QC Pick	Pick 1	QC Pick	Pick 1	QC Pick	Pick 1	QC Pick	Pick 1	QC Pick	Pick 1	QC Pick	Pick 1	QC Pick		
1	5382	13.07	1	0	0	0	0	0	0	0	64	12	0	0	0	0	TM	AF
2	5383	6.65	0	-	0	-	0	-	0	-	11	-	0	-	1	-	TM	-
3	5384	6.02	0	0	0	0	0	0	0	0	6	1	0	0	0	0	TM	AF
4	5395	5.21	0	-	0	-	0	-	0	-	4	-	0	-	0	-	TM	-
5	5396	3.96	0	0	0	0	0	0	0	0	29	7	0	0	0	0	TM	AF
6	5396 QC	0.23	0	-	0	-	0	-	0	-	0	-	0	-	0	-	TM	-

Note: The selected grains must be chemically analysed to classify the minerals as diamond indicators.

### MINERALS

PRP PYROPE GARNET  
ECL ECLOGITIC GARNET  
CPX CLINOPYROXENE  
ILM ILMENITE

CHR CHROMITE  
OPX ORTHOPYROXENE  
OLI OLIVINE

**Hugh DeSouza, Ph.D, P.Geo.**  
Group Leader - Diamond Exploration Services



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 Lakefield, Ontario K0L 2H0  
 Phone: 705-652-2112 Fax: 705-652-3123

## CERTIFICATE OF ANALYSIS

**Project: 8901-398**

**Client: Tres-Or Resources Ltd.**

**Date: March 22, 2006**

**LIMS No: MI1007-DEC05**

Size Fraction			KIMBERLITE INDICATOR MINERALS														INITIALS	
-20 +35 mesh			PRP		ECL		CPX		ILM		CHR		OPX		OLI		Picker	QC Picker
No.	Sample ID	Sink Weight (g)	Pick 1	QC Pick	Pick 1	QC Pick	Pick 1	QC Pick	Pick 1	QC Pick	Pick 1	QC Pick	Pick 1	QC Pick	Pick 1	QC Pick		
1																		
2																		
3	5253	4.73	0	-	0	-	0	-	0	-	2	-	0	-	0	-	TM	-

Size Fraction			KIMBERLITE INDICATOR MINERALS														INITIALS	
-35 +60 mesh			PRP		ECL		CPX		ILM		CHR		OPX		OLI		Picker	QC Picker
No.	Sample ID	Sink Weight (g)	Pick 1	QC Pick	Pick 1	QC Pick	Pick 1	QC Pick	Pick 1	QC Pick	Pick 1	QC Pick	Pick 1	QC Pick	Pick 1	QC Pick		
1																		
2																		
3	5253	8.85	1	-	0	-	0	-	0	-	76	-	0	-	0	-	TM	-

**Note:** The selected grains must be chemically analysed to classify the minerals as diamond indicators.

**MINERALS**

PRP PYROPE GARNET  
 ECL ECLOGITIC GARNET  
 CPX CLINOPYROXENE  
 ILM ILMENITE

CHR CHROMITE  
 OPX ORTHOPYROXENE  
 OLI OLIVINE

**Hugh DeSouza, Ph.D, P.Geo.**  
 Group Leader - Diamond Exploration Services



## **APPENDIX II**

**Davidson Twp - Proposed Sample Locations on Field Maps**

3-NOV-05

G.C. JE

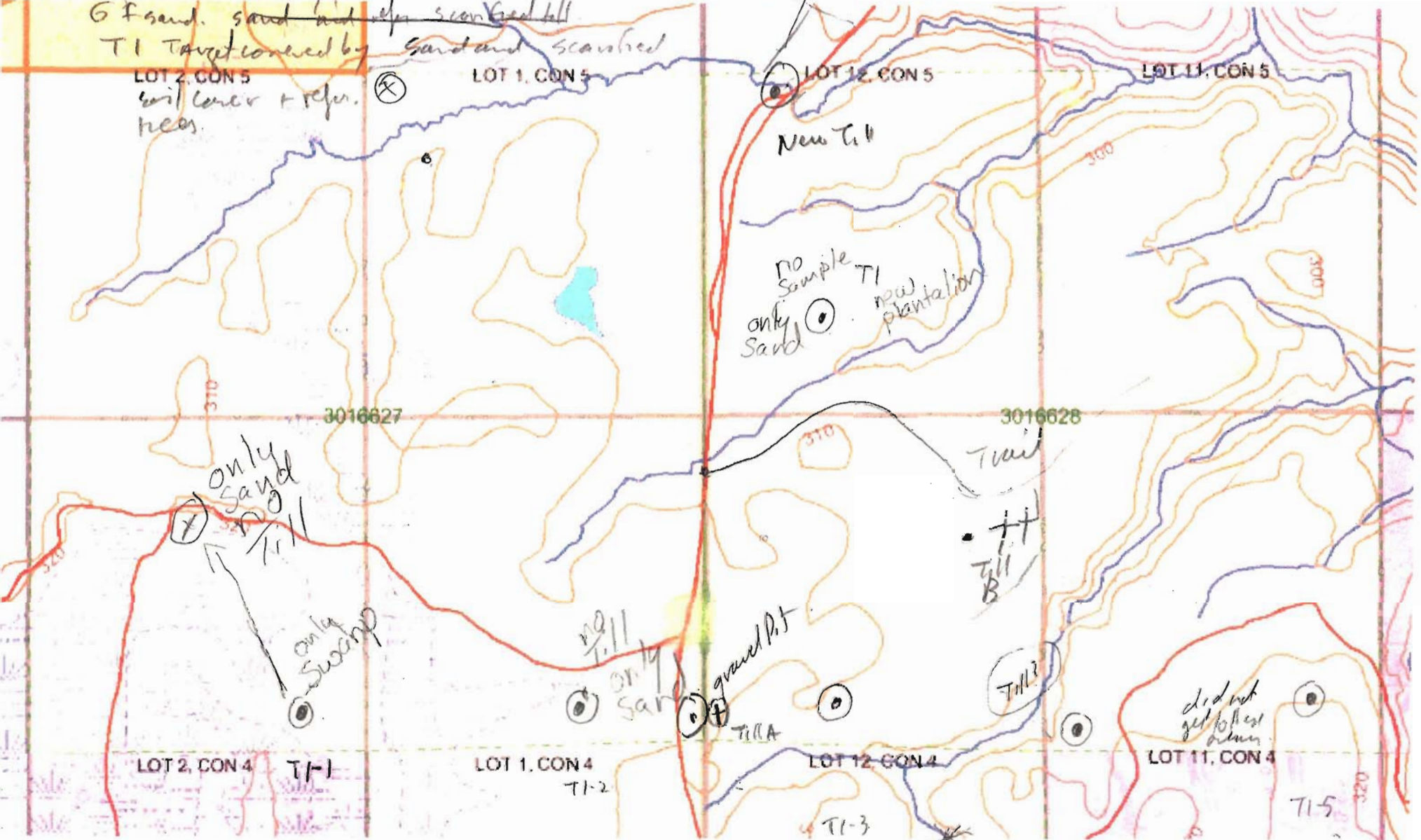
T1-7

T1: 554400 5305600

unable to locate till along South Boundary of dam 3016627 + 28.

6 ft sand, sand and refer scan Good till  
T1 Target covered by sand and scanned

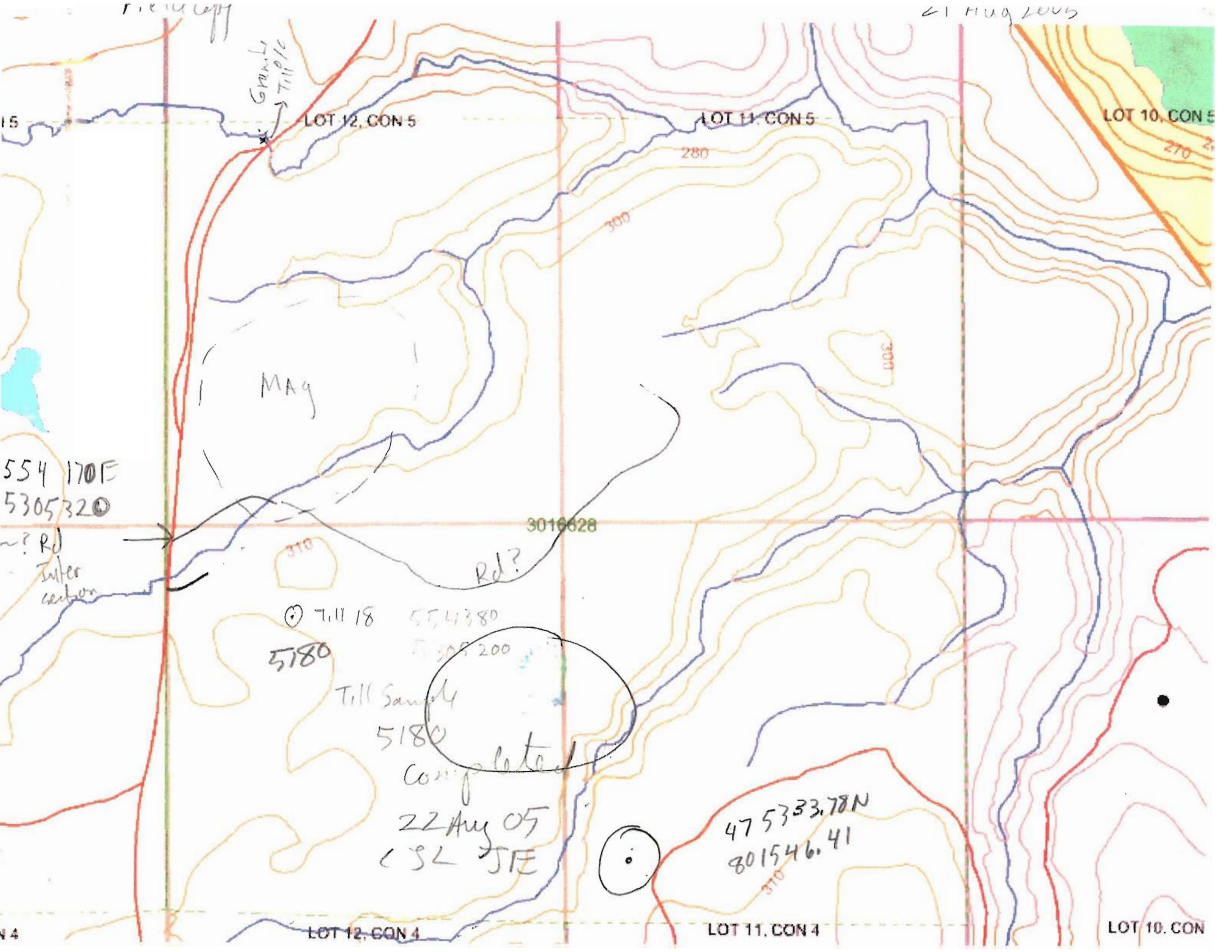
T1-6 samples



T14

Field Copy

21 Aug 2005



Granite  
Till

LOT 12, CON 5

LOT 11, CON 5

LOT 10, CON 5

MAG

554 170E  
5305 320

? Rd  
Tiller  
center

3016628

Rd?

5180  
7.11.18 554380  
5305 200

Till Sand  
5180  
Completed  
22 Aug 05  
CSL JFE

47 53 33.78N  
80 15 46.41

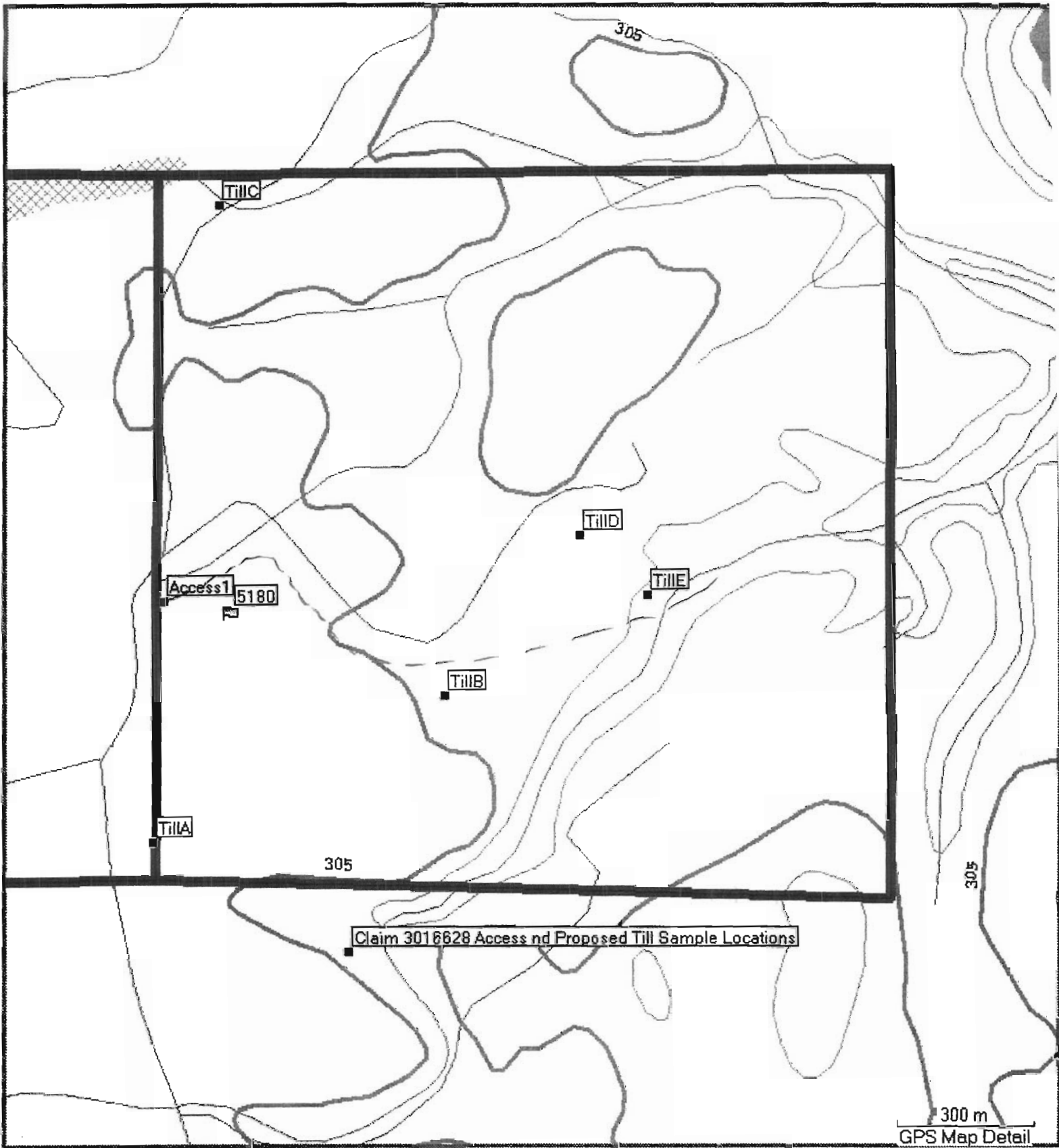
N 4

LOT 12, CON 4

LOT 11, CON 4

LOT 10, CON 4





Copy

GC RD 16 Nov 05

Till Sampling