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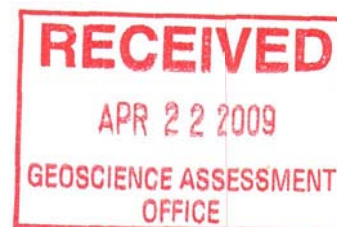
**ASSESSMENT REPORT ON MICRODIAMOND (CAUSTIC FUSION)  
TESTS OF DRILL CORE FROM THE LAPOINTE DISCOVERY AND  
DELINEATION DRILLING TRES-OR RESOURCES LTD AND ARCTIC  
STAR DIAMOND CORP.**

**Sharpe and Savard Townships**

*Larder Lake Mining District*

UTM Zone 17 – NTS 41P16

NAD 83 Projection  
5308100N to 5308700N  
56300E to 565000E



Work Conducted on  
Claims L 4200057, 4200058, (now Mining Lease G8080240 and G8080239)  
Between May 2005 and July 2007

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For:

Tres-Or Resources Ltd. and Arctic Star Diamond Corp.  
*February 1, 2009*

## Summary

Tres-Or Resources Ltd. discovered the Lapointe Kimberlite in May 2005 with drill hole TMN05-01. This discovery hole targeted a large coincident magnetic, electromagnetic, and indicator mineral anomaly covering more than 20 hectares of low-lying topography. The target was identified from integrated analysis of Tres-Or's GIS database of remote sensing imagery and the Round Lake Batholith airborne magnetic survey, then newly released by the Ontario government. Prior to drilling the discovery hole, Tres-Or collected till samples 200 m to 1.2 km down-ice of the target which returned prolific kimberlite indicator mineral (KIM) counts, and then commissioned an AeroTEM geophysical (heliborne magnetic and time domain EM system) survey, which revealed that the larger western lobe is coincident with a well defined EM anomaly (slightly displaced to the north), and the eastern lobe has no significant EM response.

Subsequent delineation drilling with 16 more drill holes continued through April, 2006 establishing that the Lapointe Kimberlite is a multiphase body, covering more than 21 hectares at the sub-crop surface which makes it the largest kimberlite in Ontario. The discovery and delineation drilling programs are described in numerous Tres-Or news releases ([www.tres-or.com](http://www.tres-or.com)) and assessment work reports filed with the Ontario Government (Baša and Ethier, 2006; Baša et al., 2007; Baša et al., 2008).

Microdiamond tests of drill core from the discovery and delineation holes were conducted from three different laboratories using the caustic fusion process. Each laboratory returned diamonds. In total, the caustic tests returned 443 diamonds from 3687 kilograms (kg) of undiluted kimberlite (4236 kgs total diluted starting sample

weight). The largest diamond recovered is a clear white gemstone weighing 0.0665 carats and remains on a +1.7 mm square mesh screen. Microdiamonds were recovered from in all phases of the Lapointe pipe. More than 95% of the recovered diamonds, both by count and weight, are sourced from the central-western portion of the pipe, which accounts for less than half the total weight of kimberlite tested.

The results of the microdiamond tests are presented herein for assessment credit.

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## **Introduction**

Tres-Or Resources Ltd. and joint venture partners Arctic Star Diamonds discovered the Lapointe Kimberlite in May 2005 with their first drill hole (TMN05-01). Subsequent delineation drilling with 16 more drill holes continued through April, 2006 establishing that the Lapointe Kimberlite covers more than 21 hectares at the sub-crop surface, making it the largest kimberlite in Ontario. The discovery and delineation drilling programs are described in numerous Tres-Or news releases ([www.tres-or.com](http://www.tres-or.com)) and assessment work reports filed with the Ontario Government (Basa and Ethier, 2006; Basa et al., 2007; Basa et al., 2008).

Microdiamond tests were made on all drill holes in kimberlite (except TMN06-19) and are described and submitted herein for assessment work credit (plus associated planning, sampling, shipping and reporting costs). The microdiamond samples were submitted to three independent Canadian Laboratories [The Saskatchewan Research Council (SRC), SGS-Lakefield, and Thunderbay Diamond Services], with each lab returning at least some microdiamonds. In total, the caustic tests returned 443 diamonds from 3687 kilograms (kg) of undiluted kimberlite (4236 kgs total diluted starting sample weight). The largest diamond recovered is a clear white gemstone weighing 0.0665 carats that remains on a +1.7 mm screen. Microdiamonds were recovered from all phases of the Lapointe pipe. More than 95% of the recovered diamonds, both by count and weight, are derived from the central-western portion of the pipe, which accounts for less than half the total weight of kimberlite tested.

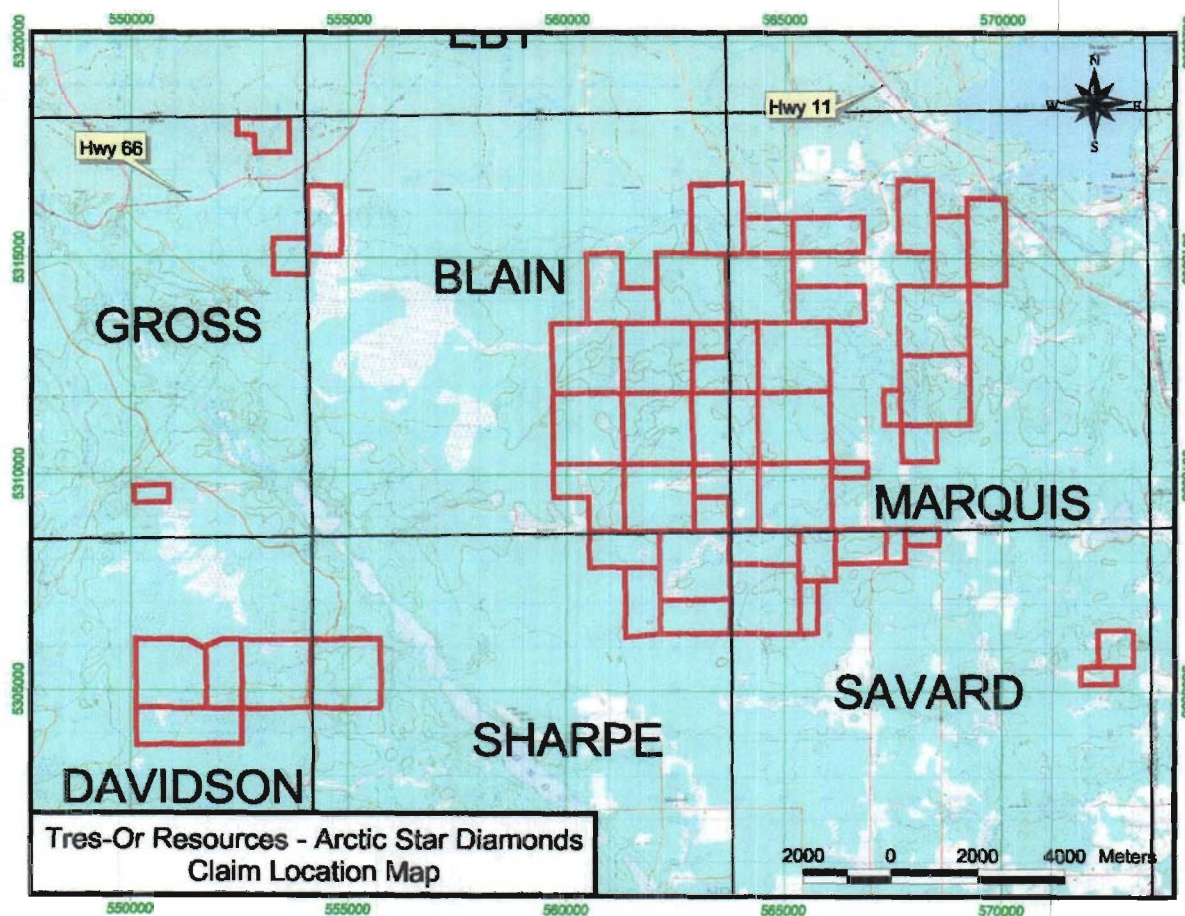
## PROPERTY ACCESS AND DESCRIPTION

The microdiamond samples described in this report come from drill core in the Lapointe Kimberlite. The kimberlite straddles the Sharpe and Savard townships boundary and was drilled on mineral claims L4200057 and L4200058. The northern boundary of the claims approximates the southern boundary line of Blain and Marquis townships (Fig. 1). These mineral claims (L4200057 and L4200058), plus adjacent claims L4200059 and L4200060 to the south (total 48 claim units), have recently been taken a 21-year surface and mining rights lease. A patented claim comprising 4 claim units, upon which Tres-Or has an existing option agreement with the property owner, is located immediately north of L4200057 in Blaine Township. Work described in this assessment report occurred within claims L4200057 (G8080240) and L4200058 (G8080239) in northeastern Sharpe and northwestern Savard Townships.

As described in previous assessment reports (Baša and Ethier, 2006; Baša et al., 2007; Baša et al., 2008), 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 accessed by car or truck from either Highway 11 (The Trans Canada Highway) or the small town of Charlton Ontario. The paved Hough Lake Road leads west from Highway 11 to within 3.5 km of the Lapointe Kimberlite. Dirt roads and tracks extend between the Hough lake Road and pipe, with off road vehicles being most reliable in wet conditions. Upgrades have made the access route more accessible as drilling progressed. From Charlton, the property is accessed by driving north on Ontario Highway 573 to the Hough Lake Road.

The property is located centrally within the Round Lake Batholith. The ground is low-lying and wet. The area is covered predominantly by spruce and alders. Ground cover is typically clay rich with pockets of till and perched till. Drill observation indicates a typical sequence of clay underlain by glacio-fluvial sand in turn overlying 5 to 10 m of bouldery till. The relative thickness of each may vary over the extent of the pipe. The overburden thickness typically ranges from 74 m a maximum of 85 m. Granite outcrop has been noted in various places within 1km of the centre of the pipe – particularly in claims L4200059 and L4200060.

Figure 1: Tres-Or claims in Lapointe area at time of microdiamond tests.



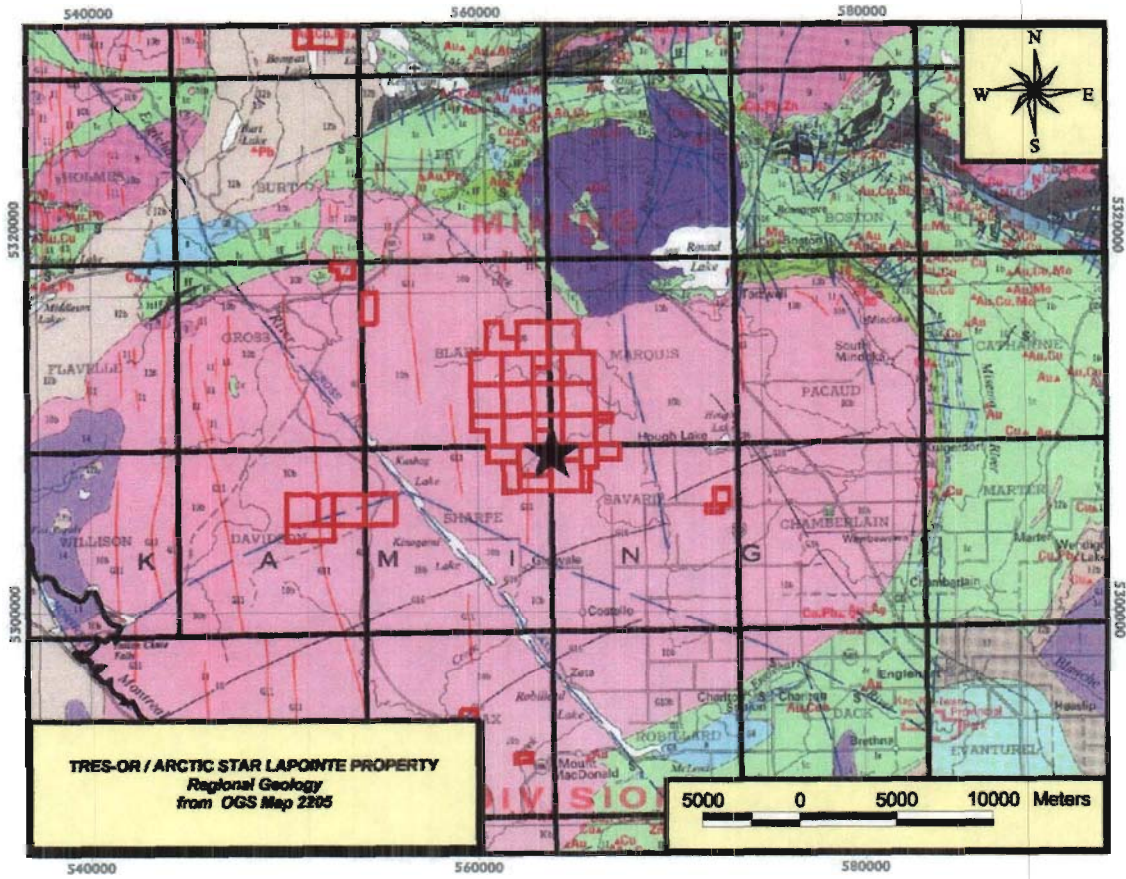


## **Regional and Property Geology**

The Lapointe Kimberlite occurs within the Superior Craton, a stable Archean continental block comprising a large part of the Canadian shield (Fig. 2). The Superior Craton is prospective for bedrock diamond deposits, due to its inferred thick lithospheric keel, and as demonstrated by its hosting De Beers recently opened Victor Diamond Mine in the James Bay Lowlands, as well as the advanced Renard diamond deposit in the Otish Mountains of Quebec.

The Lapointe kimberlite intruded granitoid rocks in the central portions of the Round Lake Batholith (RLB; Figure 3). The RLB is magnetically quiet in its eastern half, where it is cut by sparse northeast-southwest oriented mafic dykes of Late Precambrian age. The central to western portion of the RLB is magnetically more active, cut by frequent north-south mafic dykes of Early Precambrian age (Pyke et al, 2004). Little detailed published information exists on the geology of the inner portions of the RLB. John (1986) covers a portion of the batholith in parts of Robillard, Bryce and Dack townships, where it is described as consisting of tonalite, trondhjemite, granodiorite, aplite and diorite. To the west and south of the RLB occur Proterozoic platform sedimentary strata of the Huronian Supergroup and mafic intrusive of the Middle Precambrian Nippissing sill. Paleozoic rocks of Silurian and Ordovician age occur southeast where they have been preserved by graben block faulting in the Lake Timiskaming Structural Zone. The Cross Lake and Montreal River faults of the Lake Temiskaming Structural Zone trend north-northwest from the Ottawa River across the RLB. Based on remote sensing and airborne magnetic data compilations, this structural trend appears to extend to the

Figure 2: The Lapointe Kimberlite (star) within the central Round Lake Batholith. After Pyke *et al.*, (2004).



### LEGEND

**CENOZOIC**

**PLEISTOCENE AND RECENT**  
Till, varved clay, sand, gravel, peat.

**UNCONFORMITY**

**MESOZOIC**

19 Kimberlite dikes.

**INTRUSIVE CONTACT**

**PALEOZOIC**

**LOWER AND MIDDLE SILURIAN**

18 Thornloe Formation: limestone, dolomite, sandstone.  
Wahi Formation: limestone, shale.

**MIDDLE AND UPPER ORDOVICIAN**

17 Dawson Point Formation: shale.  
Farr Formation: limestone.  
Gucie Formation: limestone, shale.  
Guigues Formation: sandstone.

**UNCONFORMITY**

**PRECAMBRIAN**

**LATE PRECAMBRIAN**

**MAFIC INTRUSIVE ROCKS**

16 Diabase dikes.

**INTRUSIVE CONTACT**

**MIDDLE PRECAMBRIAN**

**ALKALIC INTRUSIVE ROCKS**

18 Syenite, nepheline syenite.

**MAFIC INTRUSIVE ROCKS<sup>a</sup>**

14 Diabase, granophyre: sheets and dikes.

**INTRUSIVE CONTACT**

**HURONIAN SUPERGROUP**

**COBALT GROUP**  
Lorrain Formation

13 Quartzite, arkose.

Gowganda Formation

12 Unsubdivided.  
12a Firstbrook Member: argillite, greywacke, siltstone, arkose.  
12b Coleman Member: conglomerate, arkose, greywacke, quartzite, argillite.

**UNCONFORMITY**

**EARLY PRECAMBRIAN**

**MAFIC INTRUSIVE ROCKS<sup>b</sup>**

11 Diabase dikes.

**INTRUSIVE CONTACT**

**FELSIC INTRUSIVE ROCKS<sup>c</sup>**

10a Quartz porphyry, quartz-feldspar porphyry, felsic porphyry, granophyre, felsite.  
10b Trondhjemite, granodiorite, quartz monzonite: simple batholiths and stocks.  
10c Trondhjemite, granodiorite, quartz monzonite, quartz diorite, apfite, pegmatite, migmatite: complex batholiths.

9 Syenite, monzonite, feldspar porphyry<sup>d</sup>

**METAMORPHOSED MAFIC AND ULTRAMAFIC ROCKS<sup>e</sup>**

8 Gabbro, diorite, lamprophyre.

7 Peridotite, dunite, pyroxenite, serpentinites.

**INTRUSIVE CONTACT**

**METASEDIMENTS<sup>f</sup>**

6 Conglomerate, greywacke, siltstone, slate, argillite.

5 Greywacke, siltstone, slate, argillite and minor pebble conglomerates.

**METAVOLCANICS<sup>g</sup>**

**ALKALIC METAVOLCANICS<sup>h</sup>**

4 Trachyte, leucitic trachyte; flow, tuff, breccia.

**ULTRAMAFIC METAVOLCANICS<sup>i</sup>**

3 Serpentinized dunite and peridotite flows.

**FELSIC METAVOLCANICS<sup>j</sup>**

2 Unsubdivided.  
2a Pyroclastic rocks.  
2b Flows.

**INTERMEDIATE AND MAFIC METAVOLCANICS<sup>k</sup>**

1 Unsubdivided.  
1a Intermediate flows.  
1b Intermediate pyroclastic rocks.  
1c Mafic flows and pyroclastic rocks.

IF Iron formation and ferruginous chert (occurs as a member of stratigraphic units 7, 2, 4, and 8).

S Sulphide mineralization.

<sup>a</sup>Formerly classified as Nipissing in part.  
<sup>b</sup>North-trending dikes are part of Matachewan swarm.  
<sup>c</sup>Formerly classified as Algoman.  
<sup>d</sup>Several apes; some units appear to be intrusive equivalents of volcanic formations whereas others resemble volcanics.  
<sup>e</sup>Formerly classified as Halleyburian.  
<sup>f</sup>May in part be composed of ultramafic flows.  
<sup>g</sup>Blocks in these groups are subdivided lithologically and the order does not necessarily imply age relationship within or among groups.  
<sup>h</sup>Formerly classified as Timiskaming.  
<sup>i</sup>Formerly classified as Keewatin.  
<sup>j</sup>Probably composed mainly of ultramafic flows, but may include some dikes.  
<sup>k</sup>The letter "C" preceding a rock unit number, for example "G14", indicates interpretation from geophysical data in drift covered areas.

### SYMBOLS

Geological boundary.

Synclinal axis.

Anticlinal axis.

Fault.

Lineament.

100' Altitude in feet above mean sea level.

Railway with station or flagstop.

Provincial highway.

Motor road.

Other road.

Aircraft landing facilities.

Larger community.

Smaller community.

Producing mine.

Past producing mine.

Mineral occurrence.

Resident Geologist's, Mining Recorder's offices, Kirkland Lake, Timmins.

MINING DIVISION WITH BOUNDARY.

Interprovincial boundary.

District boundary.

Township boundary.

A B Line of section.

**THE MAP INDEX**

The red letters and numbers in the borders provide a location reference system based on that of Map 2024, Ontario Mineral Map.

James Bay Lowlands, where it closely parallels the linear emplacement trend controlling the Attawapiskat kimberlites including the Victor Diamond Mine. Further details of the regional geology are provided in prior assessment reports (Baša and Ethier, 2006; Baša et al., 2007; Baša et al., 2008) and not repeated here to limit repetition.

### **Property Geology**

Kimberlite does not outcrop on the property. The sub-crop kimberlite surface has been intersected by drilling beneath recent sedimentary cover. Drill observations indicate a typical sequence of medium gray clay underlain by glacio-fluvial sand in covering 5 to 10 m of bouldery till. The relative thickness of each depositional unit may vary over the extent of the pipe, with the clay typically being the thickest unit above the pipe. The overburden thickness typically ranges from 74 m a maximum of 85 m.

Granitoid outcrop has been observed within 1km of the centre of the pipe particularly in claims L4200059 and L4200060. In parts of the property away from the kimberlite pipe sub-crop till occurs at the surface. The localization of thick clay over the pipe, suggests that the clay filled a pro-glacial lake formed in a pre-existing topographic low by the recessive weathering of the kimberlite,

## **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.

Tres-Or's evaluation of the diamond potential Lapointe Kimberlite began following its discovery in May, 2005. Like most other bedrock diamond deposits occurring in kimberlite, the Lapointe pipe was formed by multiple intrusive events, each intrusive magma ("phase") holding the potential to carry a different diamond content. The phases include some with significant dilution by crustal xenoliths and pronounced layering suggestive of accumulation within the volcanic crater, and other phases minorly diluted

by only small crustal xenoliths, and exhibiting magmatic characteristics typical of kimberlite that lithified within the pipe-shaped diatreme that formed beneath the eruptive center. All phases encountered by drilling were sampled for microdiamonds, and crustal xenoliths dilution was recorded for each sampled interval. The large size of the Lapointe Kimberlite, combined with its easily accessed location within a low-cost mining area enhance the importance of microdiamond counts even when they might be less abundant than would be required in the smaller pipes typical of the remote Arctic regions of northern Canada.

**Exploration work: microdiamond (caustic) tests**

Tres-Or reports herein the results of the microdiamond tests of the discovery and delineation drilling at the Lapointe Kimberlite (Fig. 1). The target was originally identified by integrated geological, geophysical and *geographical information system* (GIS) data base interpretation by H. Cookenboo (Ph.D., P.Geologist), C. Campbell (P. Geophysicist, and M. Ethier (MSc.) in Tres-Or's North Cobalt, Ontario field office in late 2004. Mr. Ethier incorporated remote sensing data, geological mapping, and geochemical surveys with Round Lake Batholith airborne magnetic survey, which was recently released by the Ontario government, and re-processed by Mr. Campbell. From this GIS data base, the author, Mr. Ethier and Mr. Campbell working together identified the Lapointe magnetic anomaly, which stood out especially well in the horizontal gradient geophysical map against the magnetically quiet background of the Round Lake Batholith (Fig. 3). The geophysical target fit well into a topographically low swampy area crossed by a creek (Fig. 4).

The target was prioritized for immediate staking, and follow-up exploration work comprising geophysical modelling, till sampling, heli-borne magnetic and a proprietary electro-magnetic survey all of which supported further exploration of the target (Baša and Ethier, 2006; Baša et al., 2007; Baša et al., 2008; Rudd, 2005).

The first drill hole into the target discovered the Lapointe Kimberlite in May, 2005. Subsequent drill holes demonstrated the Lapointe Kimberlite to be the largest kimberlite in Ontario.

Figure 3: Lapointe Kimberlite target shown in horizontal gradient map re-processed by C. Campbell from the Round Lake Batholith airborne magnetic survey (also showing subsequently collected till samples).

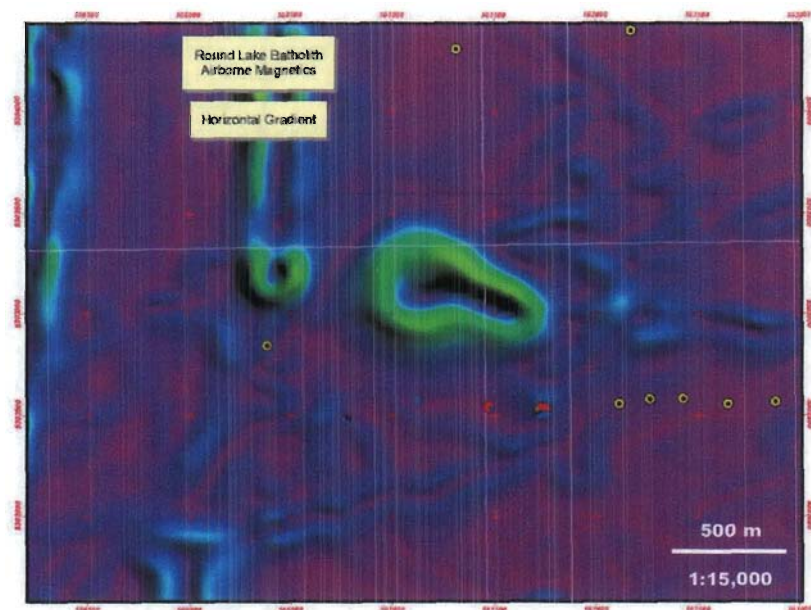
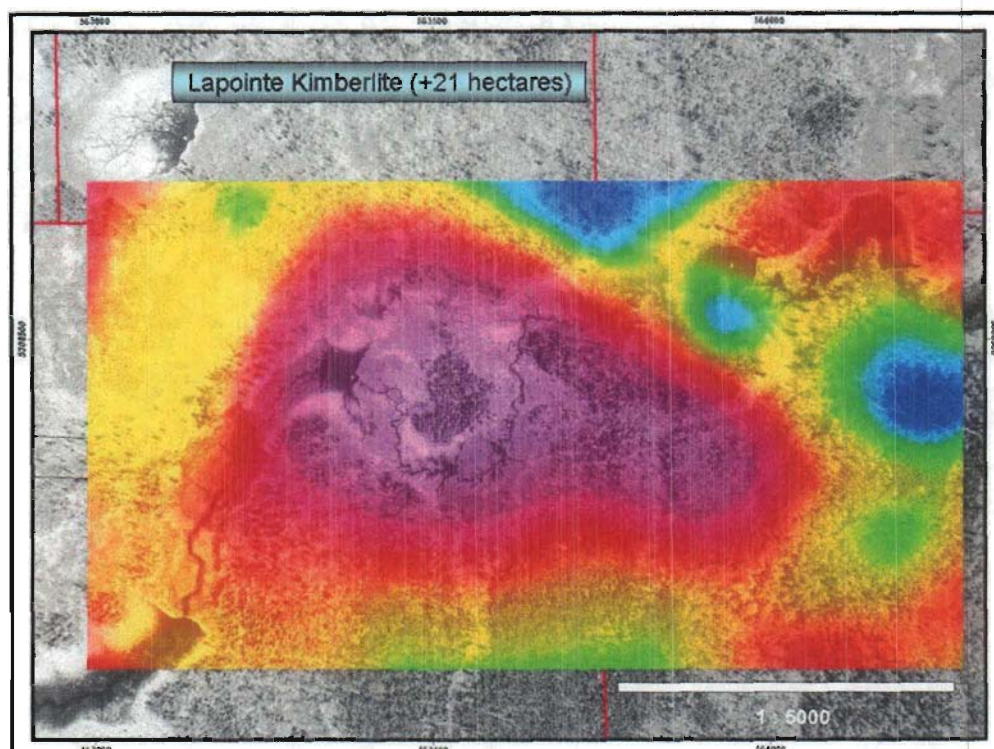


Figure 4: Lapointe Kimberlite's magnetic anomaly overlain onto topographical and remote sensing imagery, showing its location in a swampy topographical low, where it controls local drainage.





The drill holes (Table 1) and core logs were previously described in assessment reports (Baša and Ethier, 2006; Baša et al., 2007; Baša et al., 2008). Most drill holes in this program used diamond NQ size core drilling techniques and had generally good recovery efficiency from the top of the kimberlite to the bottom of the hole. After the thirteenth drill hole, a combination of NQ and HQ core was recovered. The discovery hole and subsequent delineation drilling were positioned to test all parts of the pipe. Due to the large size of the pipe, even this 17 hole drill program provides effectively only sparse coverage (Fig. 5).

Figure 5: Drill holes traces at the Lapointe kimberlite on airphoto back ground (top) and airborne magnetic analytic signal (bottom). Heavy green line is 21.3 hectare inferred outline of kimberlite projected to surface. Diamonds > 0.01 ct are blue diamond symbols; prolific count samples as blue circles (large circle = more prolific count).

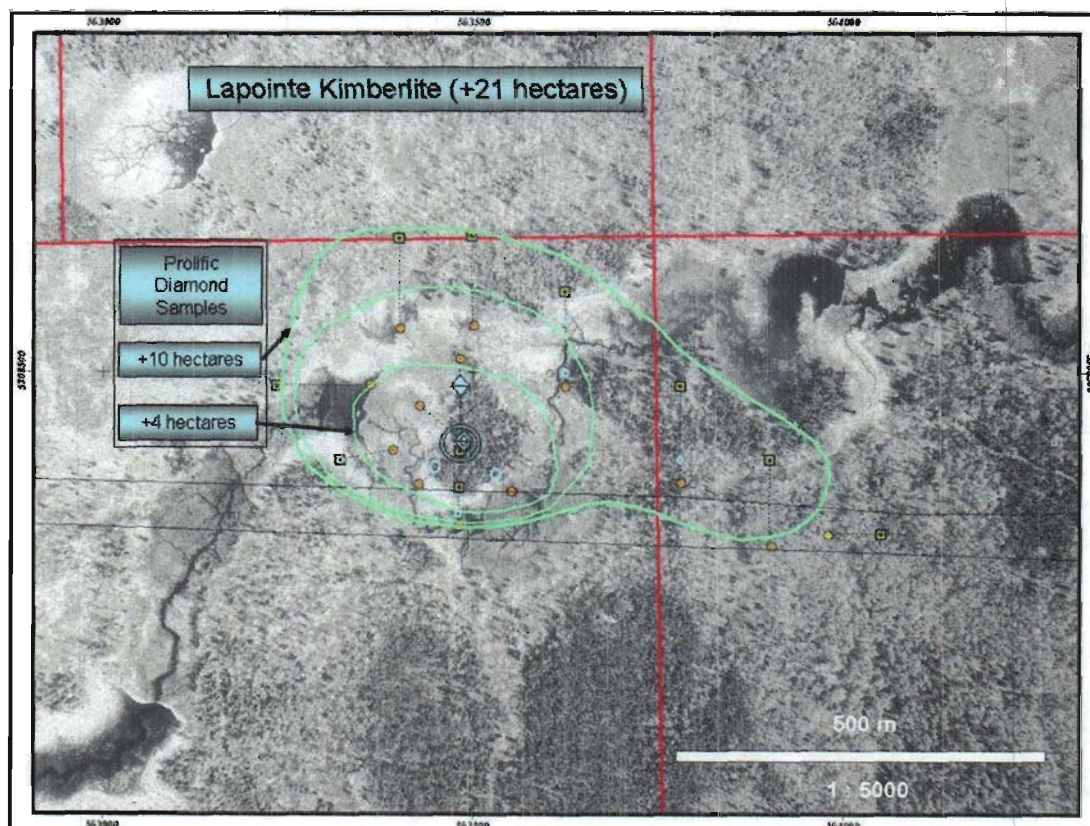


Table 1: Drill holes of the discovery and delineation programs at the Lapointe Kimberlite pipe, Ontario.

NAME	X eastings	Y northings	DIP	AZIMUTH	DEPTH (m)	drill bit	EOH vert dist from collar	EOH hor.z dist from collar	UTM E EOH	UTM N EOH	
TMN-05-01	563482	5308412	-63	0	251	SH-01	203.46	145.92	563482	5308558	
TMN-05-02	563481	5308363	-60	180	107	NQ	86.56	62.89	563481	5308300	
TMN-05-03	563779	5308499	-65	180	312	NQ	258.30	174.90	563779	5308324	
TMN-05-04	564565	5308390	-65	180	223	NQ	196.20	105.90	564565	5308284	
TMN-05-05	563624	5308627	-60	180	260	NQ	212.40	148.10	563624	5308479	1153 Phase 1 - A
TMN-05-06	563400	5308700	-61	180	259	NQ	218.30	139.70	563400	5308560	
TMN-05-07	563498	5308703	-60	180	250	NQ	213.80	129.70	563498	5308573	
TMN-05-08	563235	5308500	-60	90	251	NQ	180.80	126.30	563361	5308500	
TMN-05-09	563489	5308422	-75	310	303	NQ2	285.50	100.30	563412	5308486	
TMN-05-10	563489	5308422	-90	0	393	NQ2	389.80	11.10	563489	5308433	
TMN-05-11	563487	5308419	-60	135	194	NQ2	164.80	102.40	563559	5308346	
TMN-05-12	563482	5308412	-60	225	146	NQ2	126.40	73.00	563430	5308360	1796 Phase 1 - B
TMN-06-15	563900	5308400	90	0	243	NQ	243.00	0.00	563900	5308400	
TMN-06-16	563900	5308400	-60	180	153	HQ/NQ	123.78	89.93	563900	5308310	
TMN-06-17	564050	5308300	-60	270	142	NQ	114.90	83.50	563967	5308300	
TMN-06-18	563320	5308400	-90	0	153	NQ/HQ	153.00	0.00	563320	5308400	
TMN-06-19	563320	5308400	-70	80	215	HQ	192.00	98.00	563417	5308417	
TMN-06-20	563488	5308422	-90	0	433	HQ	433.00	0.00	563488	5308422	1339 Phase 2 - A
TOTAL					4288						

Drill core was briefly described and then sealed in boxes in the field. The core was delivered from the field to the Tres-Or field office in Haileybury, Ontario, approximately 1.75 hours southeast by road, where it was measured, logged, and characterized for magnetic susceptibility, conductivity, and certain engineering parameters, as described in drill assessment reports (Baša and Ethier, 2006; Baša et al., 2007; Baša et al., 2008).

The core was then split in half by Tres-Or staff at the company's Haileybury core logging facility, and a ½ split was collected in 8 kgs bags for microdiamond tests. Subsequently, the core was bagged in continuous successive intervals, with interval tops and bottoms recorded, and prepared for shipment to the independent laboratories. Large crustal xenoliths were excluded from the microdiamond samples to enhance both

economic and processing efficiency. The excluded xenoliths intervals and types (granitoid, limestone/dolomite, or sedimentary/volcanic) were recorded. Kimberlite sample intervals average 4.0 m in length for NQ and 2.2 m for HQ core. Total sample interval lengths (inclusive of the lengths of the excluded crustal xenoliths) range up to 41.50 m, and average 4.3 m. Weights for ½ split of the excluded intervals was calculated using average densities for the granitoid, limestone/dolomite, or sedimentary/volcanic crustal xenoliths determined at Tres-Or's core logging facility. These calculated weights were added back to the kimberlite weights to produce an undiluted sample start weight. Average weights per meter of ½ split of excluded core were calculated for each of the three recorded crustal xenoliths types (granitoid = 2.43 kg/m; = 2.34 kg/m; limestone/dolomite, and sedimentary/volcanic = 2.20 kg/m)

In total, 511 samples were submitted for caustic fusion microdiamond tests, weighting 3687 kilograms (kg) of undiluted kimberlite (4236 kgs total diluted starting sample weight).

### **Caustic methods**

Tres-Or submitted samples to three independent Canadian laboratories microdiamond tests. Each laboratory is accredited to ISO 17025 for specific registered tests, and all 3 laboratories use roughly equivalent caustic fusion methods to recover microdiamonds from kimberlite, although some differences exist in procedures between labs. The three laboratories used are: The Thunder Bay Diamond Laboratory (formerly the Kennecott Canada Exploration Inc. Mineral Processing Laboratory) in Thunder Bay, Ontario ("Thunder Bay"); SGS-Lakefield Research Limited in Lakefield Ontario ("SGS"); and the

Saskatchewan Research Council ("SRC"), in Saskatoon Saskatchewan. All three laboratories returned microdiamonds (see data certificates in Appendix 1).

The procedures common to all 3 laboratories start with receipt of the samples in a secure area, including verification of seals, assignment of in-house identification numbers, and confirming weights of each sample. Then each sample is loaded into stainless steel pots with caustic soda and placed into a kiln, where they are heated at temperatures in excess of 550° C for some hours which dissolves all of the kimberlite and included minerals, except for a small residue including any diamond that may be present. This procedure may be repeated, if necessary. The contents of the pots are then poured through a very fine meshed screen and the residue cleaned with water and HCl, with a micro-fusion step used if necessary to fully dissolve all rock fragments within the kimberlite. Thunder Bay used a bottom screen size of 0.150 mm; both SGS and SRC used bottom screen size of 0.106 mm. More than 95% of the tests and recovered diamonds were from tests at SRC using the 0.105 mm bottom screen size.

Quality control is assured by laboratory spiking of every sample with synthetic diamonds (which are visually and spectrographically distinct from natural diamonds) at SRC and SGS, and by spiking of every 25<sup>th</sup> sample with laser etched natural diamond at Thunder Bay. Details of each labs procedures are provided in Appendix 2.

### **Caustic Results**

All natural diamonds recovered from the microdiamond tests are reported in counts classified by square mesh sieve sizes, as specified by Canadian reporting requirements. Individual weights in carats and measurements in three directions are

provided for larger stones and by groups for smaller screen sizes (<0.212 mm) when the microdiamond counts are high. The sample results are compiled by sample and drill hole interval in Table 2. In total, the caustic tests returned 440 diamonds from 3687 kilograms (kg) of undiluted kimberlite (4236 kgs total diluted starting sample weight). The largest diamond recovered is a clear white gemstone weighing 0.0665 carats that remains on a +1.7 mm screen, and is one of two stone weighing >0.01 carats. In total, 48 of the recovered stones have at least one length dimension greater than 0.50 mm. Microdiamonds were recovered from in all phases of the Lapointe pipe.

Caustic fusion tests on the Lapointe Kimberlite pipe have yielded to date 0.148 carats of diamonds from 3687 kgs of kimberlite, working out to an over-all average concentration of 0.040 carats of micro- and macro-diamonds per tonne of tested kimberlite.

An additional 550 kgs of large crustal xenoliths (mostly limestone and granitoids) were excluded from the tested intervals, giving a fully diluted starting weight of 4236 kgs (overall average concentration 0.035 carats per tonne). Much of the apparent dilution, including two large limestone block of 29 and 33 m length, respectively, occur at northern contact of the pipe. Excluding these big blocks near the pipe edge, the dilution by large crustal xenoliths is 10% across the pipe.

Table 2: Micro diamond results

Sample Number	Drill Hole Number	Date	Depth (metres) from	Depth (metres) to	Total length	SIEVE SIZE (mm)	STOCK EX SIEVE (mm)	Count	X mm	Y mm	Z mm	WEIGHT IN CARATS
3014	TMN05-01	38522	156.5	161.38	4.88	0.150	<0.500	1	0.63	0.20	0.15	0.00033
3014	TMN05-01	38522	156.5	161.38	4.88	0.212	<0.500	1	0.61	0.40	0.21	0.00090
3014	TMN05-01	38522	156.5	161.38	4.88	0.212	<0.500	1	0.59	0.38	0.16	0.00063
3014	TMN05-01	38522	156.5	161.38	4.88	0.150	<0.500	1	0.44	0.30	0.15	0.00035
3014	TMN05-01	38522	156.5	161.38	4.88	0.150	<0.500	1	0.41	0.29	0.17	0.00036
3014	TMN05-01	38522	156.5	161.38	4.88	0.150	<0.500	1	0.40	0.28	0.16	0.00032
3014	TMN05-01	38522	156.5	161.38	4.88	0.212	<0.500	1	0.39	0.30	0.16	0.00033
3014	TMN05-01	38522	156.5	161.38	4.88	0.150	<0.500	1	0.39	0.23	0.19	0.00030
3014	TMN05-01	38522	156.5	161.38	4.88	0.150	<0.500	1	0.38	0.25	0.18	0.00030
3014	TMN05-01	38522	156.5	161.38	4.88	0.150	<0.500	1	0.31	0.21	0.16	0.00018
3014	TMN05-01	38522	156.5	161.38	4.88	0.150	<0.500	1	0.30	0.26	0.15	0.00021
3026	TMN05-01	38523	213.53	218.26	4.73	1.70		1	2.20	1.90	1.75	0.06650
3034	TMN05-02	38524	64.1	72.91	8.81	0.300	<0.500	1	0.88	0.47	0.15	0.00109
3034	TMN05-02	38524	64.1	72.91	8.81	0.300	<0.500	1	0.59	0.46	0.23	0.00110
3034	TMN05-02	38524	64.1	72.91	8.81	0.212	<0.500	1	0.42	0.32	0.27	0.00064
3034	TMN05-02	38524	64.1	72.91	8.81	0.212	<0.500	1	0.31	0.27	0.23	0.00034
3034	TMN05-02	38524	64.1	72.91	8.81	0.150	<0.500	1	0.30	0.19	0.18	0.00018
3034	TMN05-02	38524	64.1	72.91	8.81	0.150	<0.500	1	0.27	0.21	0.17	0.00017
3034	TMN05-02	38524	64.1	72.91	8.81	0.150	<0.500	1	0.24	0.20	0.18	0.00015
3038	TMN05-02	38524	89.88	95.3	5.42	0.212	<0.500	1	0.43	0.33	0.23	0.00057
3077	TMN05-03	38531	269.3	273.22	3.92	0.212	<0.500	1	0.47	0.35	0.18	0.00052
3077	TMN05-03	38531	269.3	273.22	3.92	0.150	<0.500	1	0.39	0.21	0.13	0.00019
3077	TMN05-03	38531	269.3	273.22	3.92	0.150	<0.500	1	0.44	0.20	0.13	0.00020
3084	TMN05-03	38532	302.3	308.05	5.75	0.11	0.11	1	0.11	0.11	0.08	0.00003
3085	TMN05-05	38544	78.35	82.92	4.57	0.300	<0.500	1	0.51	0.46	0.38	0.00157
3085	TMN05-05	38544	78.35	82.92	4.57	0.212	<0.500	1	0.42	0.30	0.23	0.00051
3087	TMN05-05	38544	87.1	91.1	4	0.150	<0.500	1	0.45	0.22	0.15	0.00026
3108	TMN05-05	38548	194.95	207.7	12.75	0.300	<0.500	1	0.43	0.34	0.36	0.00093
3115	TMN05-05	38549	233.6	244.25	10.65	0.150	<0.500	1	0.33	0.16	0.18	0.00017
3125	TMN05-05	38549	244.25	251.6	7.35	0.150	<0.500	1	0.39	0.22	0.21	0.00032
3125	TMND5-05	38549	244.25	251.6	7.35	0.150	<0.500	1	0.29	0.25	0.18	0.00023
3157	TMN05-06	38612	117.22	122	4.78	0.11	+ 106	1	0.22	0.16	0.10	0.00002
3184	TMN05-06	38615	241.61	245.4	3.79	0.15	+ 150	1	0.26	0.18	0.12	0.00006
3225	TMN05-08A	38642	94.73	98.82	4.09	0.15	+ 150	1	0.20	0.16	0.08	0.00003
3258	TMN05-08A	38696	233.12	237.38	4.26	0.15	+ 150	1	0.32	0.22	0.18	0.00010

3264	TMN05-09	38697	92.46	97.26	4.8	0.11	+ 106	1	0.28	0.20	0.10	0.00003
3286	TMN05-09	38699	176.76	180.68	3.92	0.43	+ 425	1	0.90	0.60	0.38	0.00100
3286	TMN05-09	38699	176.76	180.68	3.92	0.11	+ 106	1	0.20	0.20	0.08	0.00002
3297	TMN05-09	38700	216.47	219.98	3.51	0.43	+ 425	1	1.00	0.52	0.10	0.00121
3297	TMN05-09	38700	216.47	219.98	3.51	0.30	+ 300	1	0.74	0.34	0.08	0.00097
3297	TMN05-09	38700	216.47	219.98	3.51	0.15	+ 150	1	0.70	0.18	0.12	0.00074
3297	TMN05-09	38700	216.47	219.98	3.51	0.30	+ 300	1	0.60	0.32	0.26	0.00000
3297	TMN05-09	38700	216.47	219.98	3.51	0.21	+ 212	1	0.50	0.22	0.18	0.00017
3297	TMN05-09	38700	216.47	219.98	3.51	0.15	+ 150	1	0.44	0.20	0.14	0.00000
3297	TMN05-09	38700	216.47	219.98	3.51	0.11	+ 106	1	0.44	0.12	0.06	0.00037
3297	TMN05-09	38700	216.47	219.98	3.51	0.11	+ 106	1	0.42	0.14	0.10	0.00000
3297	TMN05-09	38700	216.47	219.98	3.51	0.15	+ 150	1	0.40	0.20	0.18	0.00000
3297	TMN05-09	38700	216.47	219.98	3.51	0.15	+ 150	1	0.40	0.18	0.16	0.00000
3297	TMN05-09	38700	216.47	219.98	3.51	0.15	+ 150	1	0.40	0.16	0.10	0.00000
3297	TMN05-09	38700	216.47	219.98	3.51	0.11	+ 106	1	0.40	0.12	0.02	0.00000
3297	TMN05-09	38700	216.47	219.98	3.51	0.15	+ 150	1	0.38	0.18	0.10	0.00000
3297	TMN05-09	38700	216.47	219.98	3.51	0.15	+ 150	1	0.34	0.18	0.08	0.00000
3297	TMN05-09	38700	216.47	219.98	3.51	0.15	+ 150	1	0.34	0.16	0.08	0.00000
3297	TMN05-09	38700	216.47	219.98	3.51	0.11	+ 106	1	0.34	0.14	0.08	0.00000
3297	TMN05-09	38700	216.47	219.98	3.51	0.11	+ 106	1	0.34	0.12	0.10	0.00000
3297	TMN05-09	38700	216.47	219.98	3.51	0.15	+ 150	1	0.30	0.20	0.14	0.00000
3297	TMN05-09	38700	216.47	219.98	3.51	0.11	+ 106	1	0.30	0.14	0.06	0.00000
3297	TMN05-09	38700	216.47	219.98	3.51	0.11	+ 106	1	0.28	0.14	0.08	0.00000
3297	TMN05-09	38700	216.47	219.98	3.51	0.15	+ 150	1	0.24	0.20	0.10	0.00000
3297	TMN05-09	38700	216.47	219.98	3.51	0.11	+ 106	1	0.24	0.18	0.02	0.00000
3297	TMN05-09	38700	216.47	219.98	3.51	0.11	+ 106	1	0.24	0.14	0.02	0.00000
3297	TMN05-09	38700	216.47	219.98	3.51	0.11	+ 106	1	0.24	0.12	0.12	0.00000
3297	TMN05-09	38700	216.47	219.98	3.51	0.11	+ 106	1	0.22	0.14	0.10	0.00000
3297	TMN05-09	38700	216.47	219.98	3.51	0.11	+ 106	1	0.22	0.12	0.10	0.00000
3297	TMN05-09	38700	216.47	219.98	3.51	0.11	+ 106	1	0.20	0.14	0.12	0.00000
3297	TMN05-09	38700	216.47	219.98	3.51	0.11	+ 106	1	0.16	0.12	0.08	0.00000
3359	TMN05-10	38725	211.6	214.86	3.26	0.15	+ 150	1	0.22	0.20	0.16	0.00005
3373	TMN05-10	38727	281.67	286.37	4.7	0.15	+ 150	1	0.24	0.20	0.16	0.00005
3374	TMN05-10	38727	286.37	292.48	6.11	0.15	+ 150	1	0.34	0.30	0.20	0.00004
3380	TMN05-10	38728	316.35	320.55	4.2	0.21	+ 212	1	0.42	0.20	0.20	0.00008
3380	TMN05-10	38728	316.35	320.55	4.2	0.11	+ 106	1	0.34	0.16	0.14	0.00000
3380	TMN05-10	38728	316.35	320.55	4.2	0.11	+ 106	1	0.24	0.20	0.14	0.00005
3381	TMN05-10	38728	320.55	323.94	3.39	0.15	+ 150	1	0.28	0.18	0.10	0.00005
3381	TMN05-10	38728	320.55	323.94	3.39	0.11	+ 106	1	0.18	0.12	0.06	0.00002

3382	TMN05-10	38728	323.94	332.96	9.02	0.15	+ 150	1	0.30	0.24	0.16	0.00006
3382	TMN05-10	38728	323.94	332.96	9.02	0.11	+ 106	1	0.24	0.14	0.12	0.00002
3389	TMN05-10	38729	370.3	378.3	8	0.30	+ 300	1	0.54	0.50	0.20	0.00000
3389	TMN05-10	38729	370.3	378.3	8	0.30	+ 300	1	0.52	0.34	0.26	0.00061
3389	TMN05-10	38729	370.3	378.3	8	0.15	+ 150	1	0.36	0.24	0.06	0.00000
3389	TMN05-10	38729	370.3	378.3	8	0.15	+ 150	1	0.34	0.24	0.10	0.00014
3389	TMN05-10	38729	370.3	378.3	8	0.11	+ 75	1	0.24	0.16	0.10	0.00000
3389	TMN05-10	38729	370.3	378.3	8	0.11	+ 75	1	0.22	0.12	0.08	0.00000
3389	TMN05-10	38729	370.3	378.3	8	0.11	+ 75	1	0.20	0.10	0.04	0.00000
3389	TMN05-10	38729	370.3	378.3	8	0.11	+ 75	1	0.18	0.16	0.10	0.00016
3389	TMN05-10	38729	370.3	378.3	8	0.11	+ 75	1	0.18	0.10	0.10	0.00000
3389	TMN05-10	38729	370.3	378.3	8	0.11	+ 75	1	0.16	0.16	0.10	0.00000
3389	TMN05-10	38729	370.3	378.3	8	0.11	+ 75	1	0.16	0.12	0.12	0.00000
3389	TMN05-10	38729	370.3	378.3	8	0.11	+ 75	1	0.14	0.10	0.06	0.00000
3389	TMN05-10	38729	370.3	378.3	8	0.11	+ 75	1	0.12	0.10	0.08	0.00000
3389	TMN05-10	38729	370.3	378.3	8	0.11	+ 75	1	0.12	0.10	0.08	0.00000
3390	TMN05-10	38729	378.3	382.84	4.54	0.60	+ 600	1	1.12	0.80	0.36	0.01003
3390	TMN05-10	38729	378.3	382.84	4.54	0.60	+ 600	1	0.98	0.62	0.48	0.00000
3390	TMN05-10	38729	378.3	382.84	4.54	0.60	+ 600	1	0.86	0.80	0.44	0.00000
3390	TMN05-10	38729	378.3	382.84	4.54	0.60	+ 600	1	0.84	0.68	0.28	0.00000
3390	TMN05-10	38729	378.3	382.84	4.54	0.43	+ 425	1	0.72	0.48	0.22	0.00244
3390	TMN05-10	38729	378.3	382.84	4.54	0.30	+ 300	1	0.68	0.38	0.10	0.00000
3390	TMN05-10	38729	378.3	382.84	4.54	0.30	+ 300	1	0.66	0.30	0.20	0.00000
3390	TMN05-10	38729	378.3	382.84	4.54	0.30	+ 300	1	0.66	0.30	0.10	0.00000
3390	TMN05-10	38729	378.3	382.84	4.54	0.30	+ 300	1	0.64	0.38	0.18	0.00000
3390	TMN05-10	38729	378.3	382.84	4.54	0.43	+ 425	1	0.62	0.46	0.24	0.00000
3390	TMN05-10	38729	378.3	382.84	4.54	0.30	+ 300	1	0.60	0.38	0.30	0.00749
3390	TMN05-10	38729	378.3	382.84	4.54	0.30	+ 300	1	0.58	0.36	0.26	0.00000
3390	TMN05-10	38729	378.3	382.84	4.54	0.43	+ 425	1	0.56	0.42	0.32	0.00000
3390	TMN05-10	38729	378.3	382.84	4.54	0.30	+ 300	1	0.54	0.32	0.20	0.00000
3390	TMN05-10	38729	378.3	382.84	4.54	0.30	+ 300	1	0.52	0.38	0.22	0.00000
3390	TMN05-10	38729	378.3	382.84	4.54	0.30	+ 300	1	0.52	0.36	0.20	0.00000
3390	TMN05-10	38729	378.3	382.84	4.54	0.30	+ 300	1	0.52	0.36	0.18	0.00000
3390	TMN05-10	38729	378.3	382.84	4.54	0.30	+ 300	1	0.52	0.34	0.18	0.00000
3390	TMN05-10	38729	378.3	382.84	4.54	0.30	+ 300	1	0.46	0.36	0.28	0.00000
3390	TMN05-10	38729	378.3	382.84	4.54	0.30	+ 300	1	0.42	0.38	0.12	0.00000
3390	TMN05-10	38729	378.3	382.84	4.54	0.21	+ 212	25				0.00415
3390	TMN05-10	38729	378.3	382.84	4.54	0.15	+ 150	47				0.00267
3390	TMN05-10	38729	378.3	382.84	4.54	0.11	+ 106	66				0.00171



3391	TMN05-10	38729	382.84	387.17	4.33	0.30	+ 300	1	0.60	0.56	0.36	0.00109
3391	TMN05-10	38729	382.84	387.17	4.33	0.30	+ 300	1	0.60	0.40	0.34	0.00000
3391	TMN05-10	38729	382.84	387.17	4.33	0.21	+ 212	10				0.00191
3391	TMN05-10	38729	382.84	387.17	4.33	0.15	+ 150	10				0.00062
3391	TMN05-10	38729	382.84	387.17	4.33	0.11	+ 106	14				0.00044
3393	TMN05-11	38372	84	88.63	4.63	0.30	+ 300	1	0.90	0.38	0.20	0.00193
3393	TMN05-11	38372	84	88.63	4.63	0.30	+ 300	1	0.56	0.38	0.16	0.00000
3393	TMN05-11	38372	84	88.63	4.63	0.30	+ 300	1	0.56	0.36	0.28	0.00000
3393	TMN05-11	38372	84	88.63	4.63	0.21	+ 212	1	0.44	0.26	0.16	0.00042
3393	TMN05-11	38372	84	88.63	4.63	0.21	+ 212	1	0.38	0.28	0.18	0.00000
3393	TMN05-11	38372	84	88.63	4.63	0.15	+ 150	1	0.38	0.18	0.12	0.00054
3393	TMN05-11	38372	84	88.63	4.63	0.15	+ 150	1	0.38	0.18	0.10	0.00000
3393	TMN05-11	38372	84	88.63	4.63	0.15	+ 150	1	0.36	0.16	0.14	0.00000
3393	TMN05-11	38372	84	88.63	4.63	0.11	+ 106	1	0.36	0.12	0.10	0.00034
3393	TMN05-11	38372	84	88.63	4.63	0.15	+ 150	1	0.34	0.26	0.18	0.00000
3393	TMN05-11	38372	84	88.63	4.63	0.11	+ 106	1	0.34	0.14	0.10	0.00000
3393	TMN05-11	38372	84	88.63	4.63	0.11	+ 106	1	0.32	0.14	0.08	0.00000
3393	TMN05-11	38372	84	88.63	4.63	0.15	+ 150	1	0.30	0.20	0.04	0.00000
3393	TMN05-11	38372	84	88.63	4.63	0.11	+ 106	1	0.28	0.14	0.08	0.00000
3393	TMN05-11	38372	84	88.63	4.63	0.11	+ 106	1	0.26	0.24	0.04	0.00000
3393	TMN05-11	38372	84	88.63	4.63	0.11	+ 106	1	0.26	0.12	0.10	0.00000
3393	TMN05-11	38372	84	88.63	4.63	0.11	+ 106	1	0.26	0.12	0.10	0.00000
3393	TMN05-11	38372	84	88.63	4.63	0.11	+ 106	1	0.26	0.12	0.08	0.00000
3393	TMN05-11	38372	84	88.63	4.63	0.15	+ 150	1	0.24	0.20	0.06	0.00000
3393	TMN05-11	38372	84	88.63	4.63	0.15	+ 150	1	0.24	0.16	0.10	0.00000
3393	TMN05-11	38372	84	88.63	4.63	0.15	+ 150	1	0.22	0.16	0.08	0.00000
3393	TMN05-11	38372	84	88.63	4.63	0.11	+ 106	1	0.22	0.14	0.12	0.00000
3393	TMN05-11	38372	84	88.63	4.63	0.11	+ 106	1	0.20	0.14	0.04	0.00000
3393	TMN05-11	38372	84	88.63	4.63	0.11	+ 106	1	0.20	0.12	0.06	0.00000
3393	TMN05-11	38372	84	88.63	4.63	0.11	+ 106	1	0.18	0.14	0.06	0.00000
3393	TMN05-11	38372	84	88.63	4.63	0.11	+ 106	1	0.18	0.14	0.06	0.00000
3393	TMN05-11	38372	84	88.63	4.63	0.11	+ 106	1	0.16	0.14	0.08	0.00000
3402	TMN05-11	38372	121.15	126	4.85	0.11	+ 106	1	0.20	0.14	0.06	0.00001
3406	TMN05-12	38741	78.3	83	4.7	0.11	+ 106	1	0.34	0.14	0.04	0.00019
3406	TMN05-12	38741	78.3	83	4.7	0.11	+ 106	1	0.30	0.14	0.08	0.00000
3406	TMN05-12	38741	78.3	83	4.7	0.11	+ 106	1	0.20	0.14	0.10	0.00000
3406	TMN05-12	38741	78.3	83	4.7	0.11	+ 106	1	0.20	0.14	0.10	0.00000
3406	TMN05-12	38741	78.3	83	4.7	0.11	+ 106	1	0.20	0.12	0.08	0.00000
3406	TMN05-12	38741	78.3	83	4.7	0.11	+ 106	1	0.18	0.14	0.12	0.00000

3406	TMN05-12	38741	78.3	83	4.7	0.11	+ 106	1	0.18	0.14	0.08	0.00000
3407	TMN05-12	38741	83	88.8	5.8	0.11	+ 106	1	0.16	0.14	0.10	0.00004
3407	TMN05-12	38741	83	88.8	5.8	0.11	+ 106	1	0.16	0.12	0.10	0.00000
3408	TMN05-12	38741	88.8	93.42	4.62	0.15	+ 150	1	0.40	0.18	0.14	0.00004
3409	TMN05-12	38741	93.42	97.58	4.16	0.11	+ 106	1	0.24	0.14	0.06	0.00002
3416	TMN05-12	38741	121.28	125.58	4.3	0.15	+ 150	1	0.28	0.20	0.10	0.00005
3420	TMN05-10	38757	364.25	370.3	6.05	0.15	+ 150	1				0.00006
3421	TMN05-10	38757	370.3	378.3	8	0.11	+ 106	1				0.00002
3422	TMN05-10	38757	378.3	382.84	4.54	0.60	+ 600	1	1.22	0.70	0.50	0.00320
3422	TMN05-10	38757	378.3	382.84	4.54	0.43	+ 425	1	0.82	0.52	0.50	0.00669
3422	TMN05-10	38757	378.3	382.84	4.54	0.43	+ 425	1	0.80	0.60	0.50	0.00000
3422	TMN05-10	38757	378.3	382.84	4.54	0.43	+ 425	1	0.80	0.44	0.40	0.00000
3422	TMN05-10	38757	378.3	382.84	4.54	0.43	+ 425	1	0.72	0.46	0.42	0.00000
3422	TMN05-10	38757	378.3	382.84	4.54	0.30	+ 300	1	0.58	0.32	0.24	0.00173
3422	TMN05-10	38757	378.3	382.84	4.54	0.30	+ 300	1	0.44	0.30	0.26	0.00000
3422	TMN05-10	38757	378.3	382.84	4.54	0.30	+ 300	1	0.38	0.34	0.32	0.00000
3422	TMN05-10	38757	378.3	382.84	4.54	0.30	+ 300	1	0.38	0.30	0.24	0.00000
3422	TMN05-10	38757	378.3	382.84	4.54	0.21	+ 212	17				0.00289
3422	TMN05-10	38757	378.3	382.84	4.54	0.15	+ 150	31				0.00195
3422	TMN05-10	38757	378.3	382.84	4.54	0.11	+ 106	17				0.00044
3423	TMN05-10	38757	382.84	387.17	4.33	0.60	+ 600	1	0.86	0.70	0.46	0.00494
3423	TMN05-10	38757	382.84	387.17	4.33	0.43	+ 425	1	0.68	0.50	0.44	0.00109
3423	TMN05-10	38757	382.84	387.17	4.33	0.30	+ 300	1	0.60	0.44	0.40	0.00070
3423	TMN05-10	38757	382.84	387.17	4.33	0.15	+ 150	13				0.00091
3423	TMN05-10	38757	382.84	387.17	4.33	0.11	+ 106	19				0.00051
3424	TMN05-10	38757	387.17	393	5.83	0.11	+ 106	1				0.00003
3475	TMN06-18	38800	114.81	119.8	4.99	0.21	+ 212	1	0.60	0.44	0.32	0.00021
3475	TMN06-18	38800	114.81	119.8	4.99	0.15	+ 150	1	0.40	0.36	0.28	0.00008
3475	TMN06-18	38800	114.81	119.8	4.99	0.15	+ 150	1	0.32	0.32	0.24	0.00000
3475	TMN06-18	38800	114.81	119.8	4.99	0.21	+ 212	1	0.28	0.24	0.20	0.00000
3486	TMN06-20	38866	293	295.03	2.03	+ 212		1	0.38	0.26	0.24	0.00025
3486	TMN06-20	38866	293	295.03	2.03	+ 106		1	0.20	0.14	0.14	0.00003
3488	TMN06-20	38866	297	299.15	2.15	+ 106		1	0.22	0.14	0.10	0.00002

### *Size Distribution table*

The two largest recovered stones weigh 0.0665 and 0.0100 carats, respectively. Five other stones weigh between 0.0024 and 0.0075 carats apiece. The most prolific individual batches yielded 158 and 74 diamonds, respectively, greater than 0.106 mm.

A total of 443 micro- and macro-diamonds have been recovered. From the reported results, five stones are greater than or equal to 1.0 mm in at least one measured dimension, 50 are greater than or equal to 0.5 mm in at least 1 dimension, and 14 are greater than or equal to 0.5 mm in two measured dimensions.

The samples include selective replicate testing of the highest count zone from the deep central part of the pipe. This replicate testing used the 2<sup>nd</sup> ½ split of core, and recovered 0.025 carats of diamonds from 36.5 kgs of kimberlite. Excluding this from the overall totals gives recovery of 0.121 carts from 4200 kgs of fully diluted kimberlite.

The total results tabulated by sieve size are reported below (Table 3):

Table 3: Cumulative caustic fusion results for the Lapointe Kimberlite presented by sieve size.

Lapointe Kimberlite Pipe - Caustic Sample Results			
Screen size opening (mm)	#diamonds recovered	Undiluted Kimberlite weight	Fully diluted Kimberlite weight
1.700 mm	1		
1.180 mm	0		
0.850 mm	0		
0.600 mm	6		
0.425 mm	10		
0.300 mm	31		
0.212 mm	56	3687 kg	4236 kg
0.150 mm	149		
0.106 mm	<u>174</u>		
	<b>420</b>		

## **Conclusions and recommendations**

Caustic fusion tests of almost 4 tonnes of the Lapointe Kimberlite yielded results potentially suggestive of a low diamond concentration but coarse size distribution. Half of the total carat weight was derived from the two economic-sized stones, which could be interpreted as pointing to a favourably coarse size distribution, but as it is only 2 stones it is too small a sample for confidence.

Such hints of a coarse distribution warranted further examination due to the large size of the body (+21 hectares) and low mining costs in the area. A 50 tonne macro-diamond test was recommended for collection and processing based on these microdiamond results. The primary goal of the 50 tonne test was to recover macro-diamonds and determine whether the coarse size distribution exists. Preceding this test, a vertical, 275 metre NQ size guide hole was recommended to prepare for the 50-tonne macro-diamond test. The guide hole permits recording and testing of the overburden materials and will document the nature of the kimberlite prior to the 50-tonne extraction test.

Collection of the sample was recommended to employ a large diameter RC rig and drill one (1) hole in the central part of the Lapointe Kimberlite. This single vertical hole collected more than 50 tonnes kimberlite and reached 263 m depth. Processing for macro-diamonds and large micro-diamonds used a combination of attrition milling, magnetic separation, dense media separation and recovery with grease table and flow sort (x-ray) machine. Such processing can be done down to 0.5 mm with good recovery, and to 0.25 mm with partial recovery efficiently. The company's +50 tonne

macro-diampond test was completed, in 2008, using recirculating drilling as described in Tres-Or news releases and pending assessment filings (Cookenboo, 2009, in prep.)

## References

- Basa, E., and Ethier, M., 2006. Assessment Report on Diamond Drilling – Phase I, Tres-Or Resources Ltd and Arctic Star Diamond Corp. 55 p.
- Basa, E., Ethier, M., Cookenboo, H., and Duffett, L.L., 2007. Assessment Report on Diamond Drilling – Phase II, Tres-Or Resources Ltd and Arctic Star Diamond Corp. 154 p.
- Basa, E., Ethier, M., and Duffett, L.L., 2008. Assessment Report on Diamond Drilling – Phase III, Tres-Or Resources Ltd and Arctic Star Diamond Corp. 74 p.
- Mitchell, R.H. 1986. Kimberlites: Mineralogy, Geochemistry, and Petrology. Plenum Press, New York
- Pyke, D.R, Ayres, L.D and Innes, D.G, 1970-71. Map 2205: Timmins – Kirkland Lake Sheet, Ontario Geological Survey Geological Compilation Series; Scale 1:253,000
- Sage, R. P., 1996. Kimberlites of the Lake Timiskaming Structural Zone. Ontario Geological Survey, Open File Report 5937, 435 p.
- Rudd, J., 2005. Report on a heli-borne AeroTEM II Electromagnetic and Magnetometer Syrvey. Aeroquest Job # 05002, Lapointe Project. Aeroquest, proprietary survey report, 25 p., 2 maps.
- Tres-Or Resources website: <http://www.tres-or.com>

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Core sampling

Maurice Ethier  
188 Station Street  
North Cobalt, ON P0J 1R0  
(705) 647-2407  
Core sampling assistance

## **Appendix 1: Caustic Methods**





## **KENNECOTT CANADA EXPLORATION INC.**

### **Mineral Processing Laboratory**

1300 West Walsh Street, Thunder Bay, Ontario, Canada P7E 4X4 Telephone (807) 473-5558 Facsimile (807) 473-5660



### **METHOD DESCRIPTION**

**Accredited to ISO/IEC 17025 for specific registered tests.**

16 samples were submitted for caustic fusion processing and microdiamond recovery. The as-received samples were processed according to registered methods and standard operating procedures. The results are summarized in the Certificates of Analysis. Standard operating procedures are listed below, sample abnormalities and possible damage caused during shipping are noted on the Certificate.

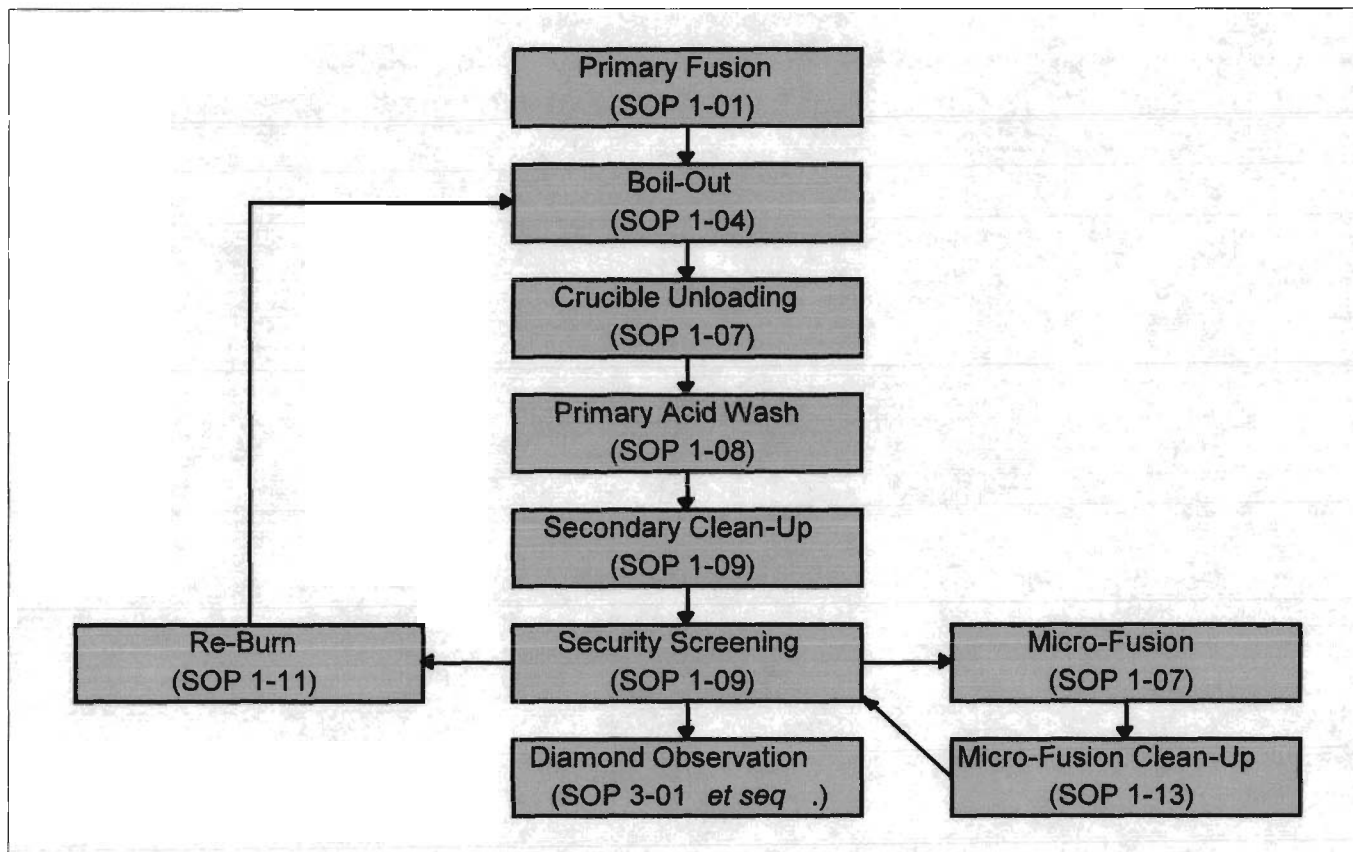
#### **Microdiamond Sample Processing**

Sample processing at Kennecott Canada Exploration Inc. Processing Laboratory in Thunder Bay, Ontario consists of wet chemical processes including fusion with NaOH, dissolving in  $\text{KNO}_3$ , neutralization with HCL, sieving and classifying (See Figure 1 for the summary flow sheet). This procedure reduces the sample size from 10 kilograms to a concentrate of approximately 15 grams.

After samples are received, they are logged in and stored outdoors before processing. Processing commences with samples being placed into stainless steel pots with NaOH and heated for several hours in a process called Caustic Fusion. The sample material is then dissolved using  $\text{KNO}_3$  and more heat. Depending on client requests, the slurry of sample and dissolved reagents is poured through a sieve of 0.075mm, 0.125mm or 0.15mm square aperture screen. Material retained on the screen is neutralized with HCL. Further sieving with a 1mm square aperture screen results in the removal of any larger microdiamonds from the sample. These stones are placed in a drop safe for security reasons and described as soon as possible, following the flow sheet in Figure 2.

The remaining sample material moves through subsequent cycles of caustic fusion, dissolution and neutralization until all potentially diamondiferous rock fragments are digested. The resulting resistate mineral concentrate is sent to the microscopy laboratory for observation.

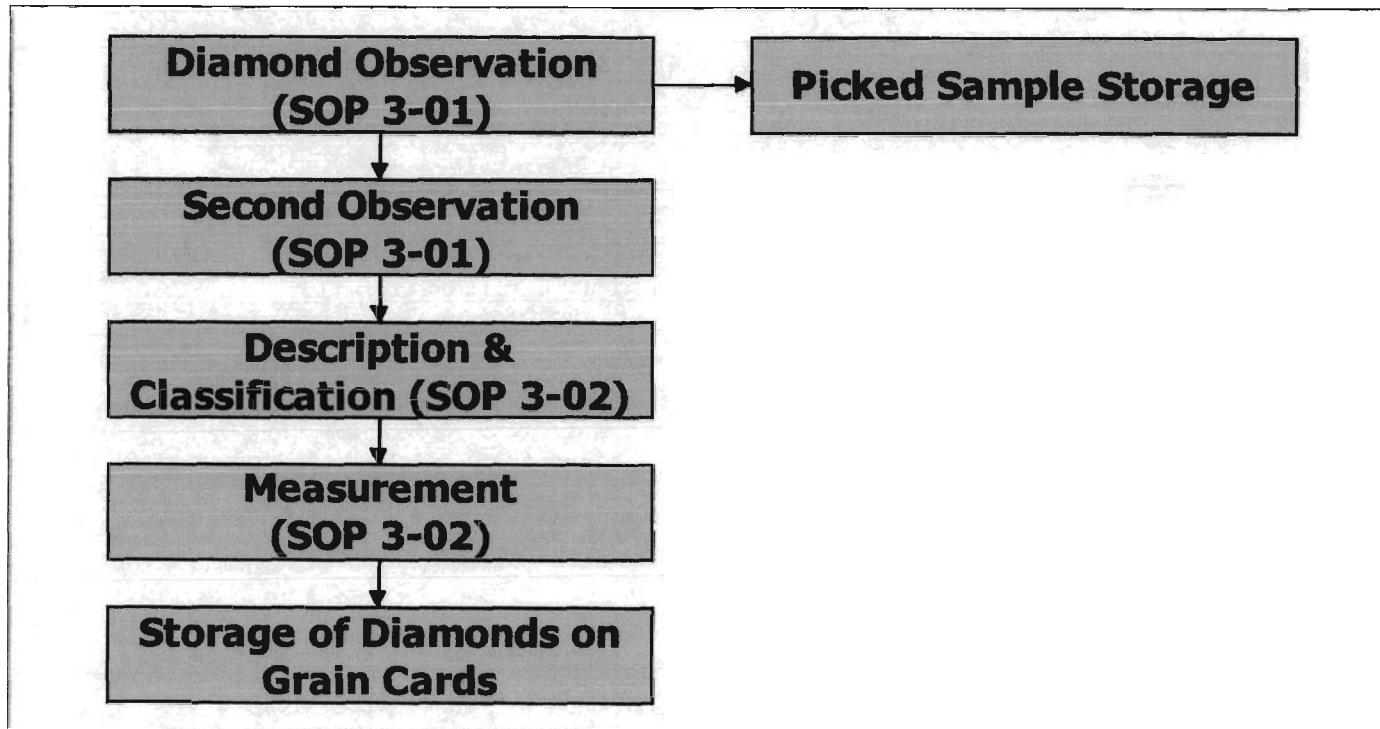
**FIGURE 1: MICRODIAMOND FLOW SHEET**  
(\* Denotes deviations from standard operating procedures.



### Microdiamond Concentrate Microscope Examination

Observation of microdiamond concentrates are performed in Kennecott Canada Exploration Inc. Mineral Processing Laboratory in Thunder Bay, Ontario (See Figure 2 for observation/classification flow sheet). Trained mineral technicians examine each grain using binocular microscopes equipped with fibre-optic lights. Mineral technicians remove all suspected microdiamonds from the concentrates, record the stone counts on the observation log sheet, and later transfer the data into the Laboratory Information Management System (LIMS). Following observation, suspected microdiamonds are examined by a mineralogist, who confirms the grain identifications. All stones are then described and classified.

**FIGURE 2: OBSERVATION & CLASSIFICATION FLOW SHEET**  
(\* Denotes deviations from standard operating procedures.



### **MD Method 1 and 3 Quality Control Measures**

Samples received are divided into sets or batches of one to twenty five samples. At minimum, 10% of samples within the batch are randomly selected for spiking with laser-etched diamonds. A random number between 1 and 5 diamond spikes are added to each sample selected for spiking. Samples selected for spiking are spiked after the sample has been loaded into a crucible and placed in a kiln ready to begin processing. Once the sample has been reduced to an observable concentrate, it is submitted to the observation lab. Identified spikes are returned to the QA/QC specialist and recovery is calculated as a percentage. Lab recovery is calculated as a 12-month rolling average, with lower limit being 3 standard deviations below the average. If recovery of one or more samples falls below the lower limit, the batch is deemed non-conforming.

### **Data Verification**

For every batch, once all mineral processing is complete, all relevant data is compiled and a final report or Certificate of Analysis is generated. At minimum, 10 percent of all reports are verified in their entirety and all other reports are spot-checked. Verification involves tracing data back to original handwritten test results recorded in process flow sheets, logs or tables. The reports are then signed by Team Leaders, Laboratory Manager and the QA/QC Specialist and issued to the client.

## Increased Micro Diamond Recovery



### MICRODIAMOND RECOVERY BY CAUSTIC DISSOLUTION

- 50% increase in kiln capacity from 16 to 24 kilns
- 200 kg per day production capacity utilizing 24 x 8 kg kilns
- Quality control of diamond recovery using 80 and 35 mesh synthetic diamond spikes
- Detailed microdiamond characterization including size (X, Y, Z), weight (mg and Ct), colour, percentage resorption and diamond description
- Diamond descriptions reported by root-2 sieve sizes (0.105, 0.212, 0.300, 0.435, 0.600, 0.750, 0.850, 1.18, 1.70, 2.36, 3.35, 4.75 mm etc.)

#### Quality Control: 2000-2002

- 93% recovery of natural diamond spikes

#### Quality Control: 2003

- 96% recovery of 35 and 80 mesh synthetic spikes
- 93% recovery of natural spikes from client (joint spiking programs)

#### Geographic Diversity

Servicing clients in: Asia, Africa, Australia, Europe, Greenland, North America and South America

## Micro Diamond Processing (Caustic Fusion)

### Method Summary

An eight kilogram sample is fused in a kiln containing caustic soda. The molten residue is then poured through a stainless steel wire mesh at the required size, and is chemically treated to reduce the residue to a manageable size. The residues are then observed and the diamonds recovered.

### Quality Control

The quality of this method is monitored by assessing the recoveries of separately added synthetic diamonds to the sample during the caustic fusion and chemical treatment processes. If customers are considering spiking their own samples, as an additional quality control measure (blind spikes), please consult the laboratory for the correct type/quality of synthetic to be used. If the blind additions are identical to the laboratory QCs it is impossible for the laboratory to distinguish between the in-house and blind QCs which may give an inaccurate recovery.



ISO/IEC 17025:2005  
Accredited LAB (Laboratory)  
SCC Accreditation & Design  
Mark is an Official Mark of the  
Standards Council of Canada, used under license.

[Geoanalytical Laboratories - Diamonds Fact Sheet](#)

[Fee Schedule](#)

For further information:

Contact the laboratory ([geolab@src.sk.ca](mailto:geolab@src.sk.ca))

Or

Diamond Laboratory Supervisor  
Mike McCubbing  
E-mail: [mccubbing@src.sk.ca](mailto:mccubbing@src.sk.ca)

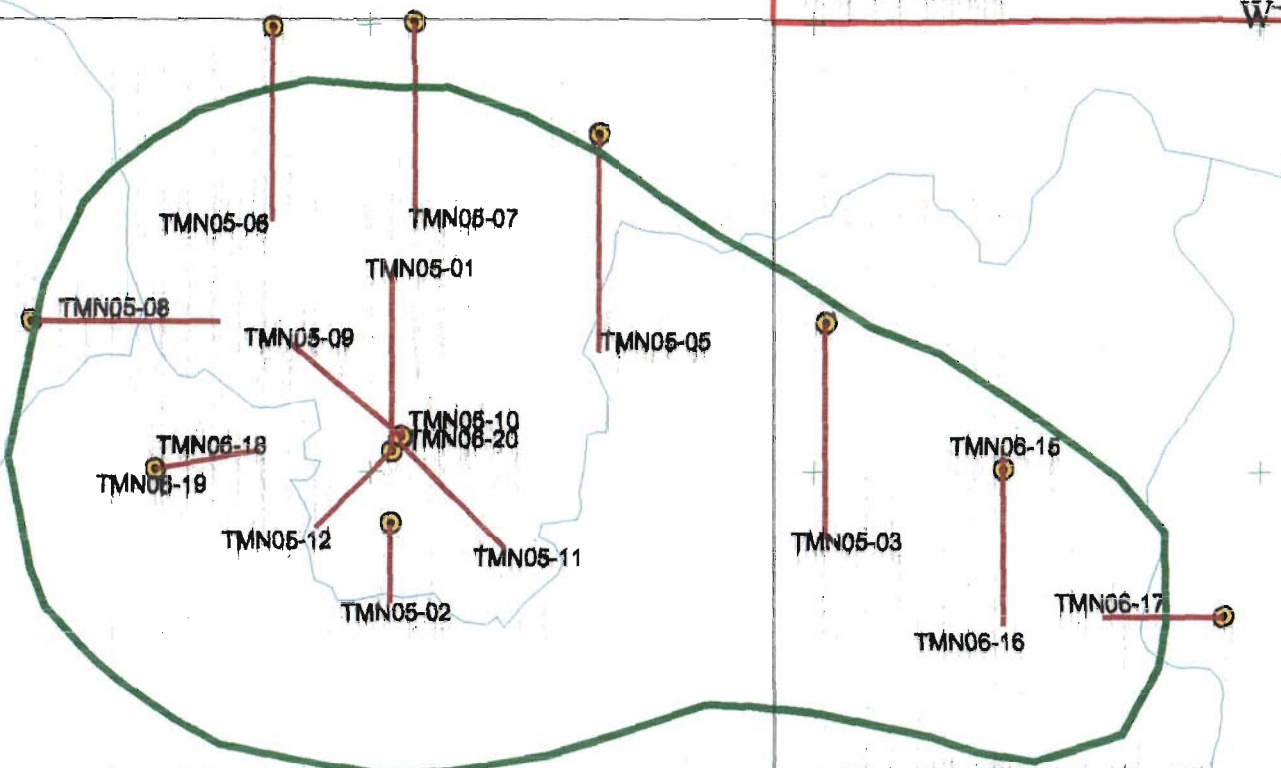


**Saskatchewan Research Council**  
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Saskatoon, SK  
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Ph: (306) 933-5400  
Fx (306) 933-7446  
[info@src.sk.ca](mailto:info@src.sk.ca)

# Drill Hole Location Map

3017646



**G8080240**

**G8080239**





**KENNECOTT CANADA EXPLORATION INC.**

2.41496

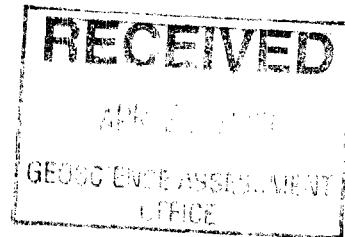
**INDICATOR MINERAL ANALYSIS  
TEST REPORT**

**05HM066**

**Tres-Or Resources Ltd.**

**Prepared for:**  
Tres-Or Resources Ltd.  
1934 - 131 Street  
White Rock, BC, Canada V4A 7R7

Mauricio Coutinho  
Laboratory Manager  
August 19, 2005



**Accredited to ISO/IEC 17025 for specific registered tests.**

**Mineral Processing Laboratory**

1300 West Walsh St. Thunder Bay, Ontario, Canada P7E 4X4  
Telephone (807) 473-5558 Facsimile (807) 473-5660

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## Mineral Processing Laboratory

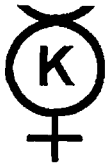
1300 West Walsh St. Thunder Bay, Ontario, Canada P7E 4X4 Telephone (807) 473-5558 Facsimile (807) 473-5660

1 sample was submitted for indicator mineral processing and recovery. The as-received sample was not processed according to registered methods and standard operating procedures. The results are summarized in the Certificates of Analysis. Standard operating procedures are listed below, sample abnormalities and possible damage caused during shipping are noted on the Certificate.

OPERATING PROCEDURES	
1	*Crush 90% -2.0mm
2	Sample Preparation, De sliming and **Milling to 75% -1.0 mm (Uncertified Screen)
3	**Hand Sieved to -1.0 mm
4	Dry Sieving using the Ro-Tap with 0.5mm and 0.25mm Screens
5	Magnetic Separation
6	Heavy Mineral Separation with Sodium Polytungstate at 2.89sg
7	Indicator Mineral Identification and Observation
8	Indicator Mineral Description, Selection and Mounting (if required)
9	Indicator Mineral Reporting and Certificate of Analysis

(\*) Denotes subcontracted procedures

(\*\*) Denotes deviations from standard operating procedures



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## Mineral Processing Laboratory


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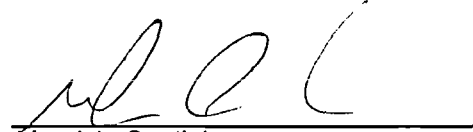
### CERTIFICATE OF ANALYSIS Method 2: Heavy Mineral Processing

Date Received: 25-Jul-05  
Waybill: Tres-OrResourcesJuly25  
Work Order #: 05HM066  
Project: Tres-Or Resources Ltd.  
Lab Billing Code: 113100-RE260  
Fraction: -0.500 +0.250mm Mag

Company: Tres-Or Resources Ltd.  
1934 - 131 Street  
White Rock, BC, Canada V4A 7R7  
Attention: Laura Lee Duffet  
Telephone: 6045418376  
Facsimile: 6045418926

	SAMPLE NO.	DATE PROC- START	RECEIVED WT (gm)	PORTION WT (gm)	FRACTION WT (gm)	POST MAG SEP WT (gm)	FINAL WT (gm)	DATE PROC- COMP.
1	3128	8/3/2005	10500.0	2780.0	1016.0	703.0	8.15	8/9/2005

  
Dan Bysievick  
Processing Team Leader

  
Mauricio Coutinho  
Laboratory Manager

  
Treena Pinksen  
QA/QC Specialist

The quality of heavy mineral extraction from samples of disaggregated material (Method 2) is subject to monitoring through a rigorous internal quality assurance/quality control (QA/QC) scheme. Heavy mineral recovery is calculated for one sample in every batch. One batch consists of up to twenty-five samples, depending on individual sample weights. Therefore, at least 4% of samples are quality control samples.

Continual QA/QC monitoring involves comparison of kimberlite indicator mineral recovery from each batch to statistically acceptable internal performance standards. Observation at the laboratory extracts, on average, 90.51% ( $\pm 2.05\%$  at the 95% confidence limit) of pyrope grains  $>0.25 < 0.50$ mm in size and 85.29% ( $\pm 2.56\%$  at the 95% confidence limit) of chrome diopside grains  $>0.25 < 0.50$ mm in size.



# KENNECOTT CANADA EXPLORATION INC.

## Mineral Processing Laboratory

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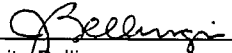
### CERTIFICATE OF ANALYSIS Method 4: Heavy Mineral Observation


Date Received: 25-Jul-05  
Waybill: Tres-OrResources July25  
Work Order #: 05HM066  
Project: Tres-Or Resources Ltd.  
Lab Billing Code: 113100-RE260  
Fraction: -0.500 +0.250mm Mag

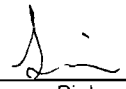
Company: Tres-Or Resources Ltd.  
1934 - 131 Street  
White Rock, BC, Canada V4A 7R7  
Attention: Laura Lee Duffet  
Telephone: (604) 541-8376  
Facsimile: (604) 541-8926

	Sample No	PYR	ECL	CPX	ILM/CHR	CHR	OPX	OLI	REMARKS	OBSERVER	DATE OBS
1	3128	100	50	100	100	50	100	50		RS	8/18/2005

Grains must be confirmed with mineral chemical analysis.  
Results derived from non-registered method.

  
Juanita Bellinger  
Observation Team Leader

  
Mauricio Coutinho  
Laboratory Manager

  
Treena Pinksen  
QA/QC Specialist

The quality of kimberlite indicator mineral observation from heavy mineral concentrates (Method 4) is subject to monitoring through a rigorous internal quality assurance/quality control (QA/QC) scheme. Kimberlite indicator recovery is calculated for two samples in every batch. One batch consists of up to twenty-five samples, depending on individual sample weights. Therefore, at least 10% of samples are quality control samples.

Continual QA/QC monitoring involves comparison of kimberlite indicator mineral recovery from each batch to statistically acceptable internal performance standards. Observation at the laboratory extracts, on average, 87.01% ( $\pm 3.03\%$  at the 95% confidence limit) of pyrope grains  $>0.25 < 0.50\text{mm}$  in size and 99.03% ( $\pm 0.75\%$  at the 95% confidence limit) of chrome diopside grains  $>0.25 < 0.50\text{mm}$  in size.

<h1 style="margin: 0;">CLIENT COMMENT FORM</h1>	Year: Number:
---	------------------

<u>Comment by</u> (Name, Title):	<u>Organization</u> :
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<u>Tel</u> :	<u>E-mail</u> :	<u>Date</u> :
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<b>SUMMARY OF COMMENT</b>

Follow-up Required?      Yes <input type="checkbox"/> No <input type="checkbox"/>
---

<u>Received by</u> :	<u>Responsible Manager</u> :
----------------------	------------------------------

<u>Date</u> :	<b>FOLLOW-UP</b>

<u>Approved</u> :      Yes <input type="checkbox"/> No <input type="checkbox"/>	<u>Client Notification</u> :      Yes <input type="checkbox"/> No <input type="checkbox"/>
---	--

<u>Approval (Date, Sign)</u> :
--------------------------------

**Please fill out any comments or complaints and return by fax to the laboratory 807-473-5660 attn: QA/QC Office**

<h1 style="margin: 0;">CLIENT COMPLAINT FORM</h1>	Year: Number:
---	------------------

<u>Complaint by</u> (Name, Title):	<u>Organization</u> :	
<u>Tel</u> :	<u>E-mail</u> :	<u>Date</u> :

<u>Received by</u> :	<u>Responsible Manager</u> :
<u>Operation</u> :	<u>Operating Procedure Reference</u> :

<h2 style="margin: 0;">SUMMARY OF COMPLAINT</h2>

<input type="checkbox"/> NON-CONFORMITY	<input type="checkbox"/> MAJOR	<input type="checkbox"/> MINOR
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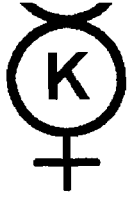
<u>Date</u> :	<b>CORRECTIVE ACTION</b>

<u>Date</u> :	<b>POST ASSESSMENT</b>

Client Notification: Yes <input type="checkbox"/> No <input type="checkbox"/>	<u>Date</u> :
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Approval (Date, Sign):
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**Please fill out any comments or complaints and return by fax to the laboratory 807-473-5660 attn: QA/QC Office**

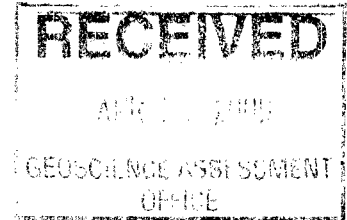


**KENNECOTT CANADA EXPLORATION INC.**

**INDICATOR MINERAL ANALYSIS  
TEST REPORT  
05HM067  
Tres-Or Resources Ltd.**

**Prepared for:**  
Tres-Or Resources Ltd.  
1934 - 131 Street  
White Rock, BC, Canada V4A 7R7

Mauricio Coutinho  
Laboratory Manager  
August 31, 2005



**Accredited to ISO/IEC 17025 for specific registered tests.**

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## Mineral Processing Laboratory

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### METHOD DESCRIPTION

Accredited to ISO/IEC 17025 for specific registered tests.

1 sample was submitted for indicator mineral processing and recovery. The as-received samples were processed according to registered methods and standard operating procedures. The results are summarized in the Certificates of Analysis. Standard operating procedures are listed below, sample abnormalities and possible damage caused during shipping are noted on the Certificate.

#### Heavy Mineral Sample Processing

Sample processing at Kennecott Canada Exploration Inc. Mineral Processing Laboratory in Thunder Bay, Ontario consists of wet and dry processes including de-sliming, sieving, magnetic separation, heavy liquid separation and classifying (see Table 1 for a summary flowchart). This procedure reduces the sample size from 20 kilograms to a concentrate of approximately 50 grams.

After samples are received, they are logged in and stored outdoors before processing. Processing commences with samples being placed into mixers and washed to remove the clay and silt fractions. This is accomplished by continually adding water in a process called desliming. The wet sample is then sieved using a 979  $\mu\text{m}$  (0.979mm) square aperture screen. The +0.979mm oversize fraction is discarded and the undersize fraction is dried in a large oven. The dry sample is screened using an automated sieve shaker, equipped with 0.5 mm and 0.25 mm square aperture sieves, or U.S.A. Sieve Series equivalent 35 and 60, respectively. An ICP sample may be taken if requested.

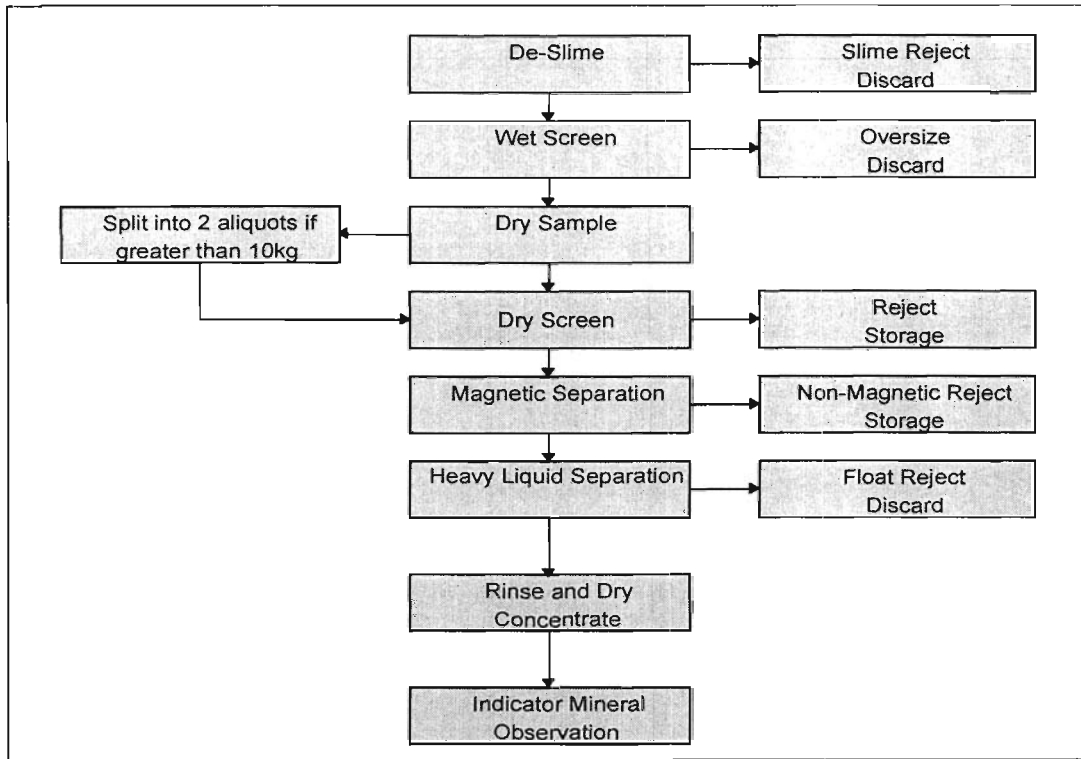
The +0.25 – 0.50 mm and -0.979 + 0.5 mm fractions move forward in the processing stream separately. Subsequent to sieving, the sample is separated with Reading Pilot Roll magnetic separator, which splits the sample into a paramagnetic and diamagnetic fraction. The magnetic fraction is then titrated in non-toxic sodium polytungstate  $[\text{Na}_6(\text{H}_2\text{W}_{12}\text{O}_{40})]$  with specific gravity of 2.89  $\text{g}/\text{cm}^3$ . All kimberlitic indicator minerals sink in this liquid. The 'sinks' are the paramagnetic, heavy mineral concentrate that is sent to the microscopy laboratory for observation.

#### Heavy Mineral Method 2 Processing Quality Control Measures

Samples received are divided into sets or batches of one to twenty five samples. For processing, each batch is assigned a set of three blanks, with the middle blank spiked with 10 laser-etched pyrope garnets and 10 laser-etched clinopyroxenes for each fraction analyzed. The blank samples are processed after all samples within the batch have been completed. The entire batch is submitted to the QA/QC office where each of the three blank samples is observed. The blank concentrates are monitored for kimberlitic minerals to determine cross contamination if any. Retrieving laser-etched spikes and calculating recovery as a percent determine recovery for the batch. Lab recovery is calculated as a rolling 12-month average, with the lower limit being 3 standard deviations below the average. If recovery for the blank falls below the lower limit, the batch is deemed non-conforming. If processing recovery is non-conforming, the cause is investigated and corrected if possible.

This report refers to samples processed as-received.

TABLE 1. HEAVY MINERAL PROCESSING FLOWCHART.



**HEAVY MINERAL CONCENTRATE MICROSCOPE EXAMINATION**

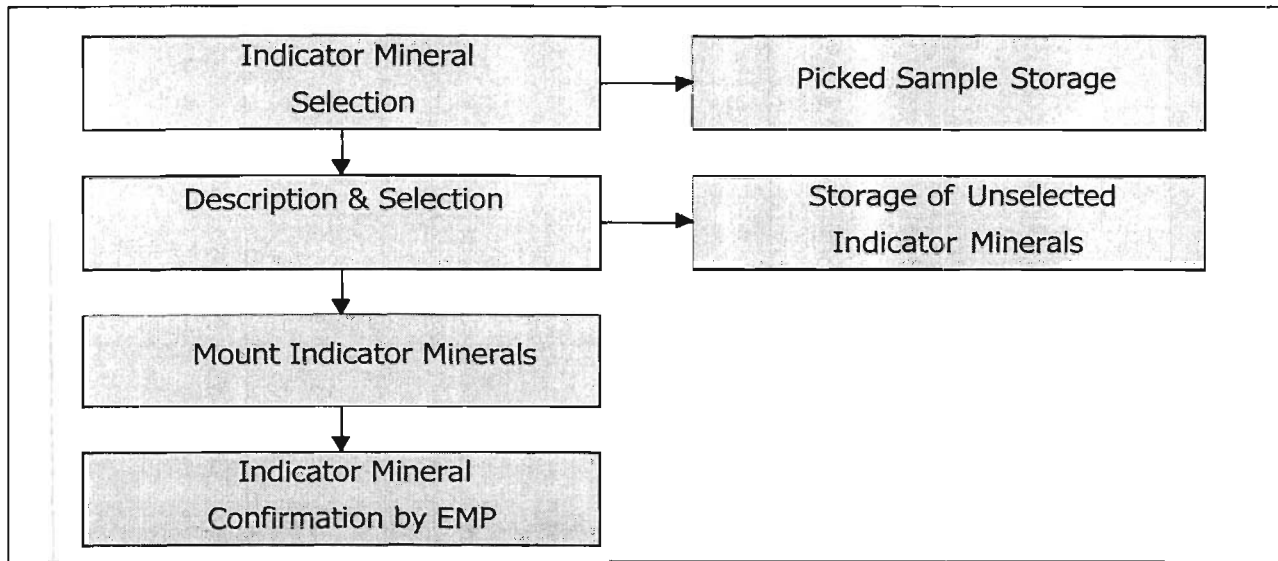
Observation of heavy mineral concentrates was performed in Kennecott Canada Exploration Inc. Mineral Processing Laboratory in Thunder Bay (see Table 2). Trained mineral technicians examined each grain using binocular microscopes equipped with fibre-optic lights and attached Gerrys belts. Mineral technicians remove all suspected kimberlitic grains, record the totals on an observation log sheet, and later transfer the data to the Laboratory Information Management System (LIMS). Following observation, suspected indicator minerals are examined by a mineralogist who confirms the grain identification. Selected grains are then described, numbered, and submitted for electron microscope analysis.

**HEAVY MINERAL METHOD 4 OBSERVATION QUALITY CONTROL MEASURES**

After batch processing is completed, samples for observation are submitted to QA/QC for spiking. At minimum, one sample per batch is spiked. At maximum, five samples per batch are spiked. Samples are randomly selected by the database with a computer-generated number between two and ten for pyrope garnets or clinopyroxene. The samples are submitted blindly to the mineral observers. In observation, all laser-etched indicator minerals recovered are placed on sample grain cards and returned to QA/QC. The batch recovery is calculated as a percent. Lab recovery is calculated as a 12-month rolling average, with lower limit being 3-standard deviations below the average. If recovery of one or more samples falls below the lower limit, the batch is deemed non-conforming. In the event of a non-conforming pick, the observer is removed from client sample observation and given spiked training samples to observe. When the observer's recovery rate meets laboratory standard, the observer may resume client sample observation.



TABLE 2. OBSERVATION AND SELECTION FLOWCHART



This report refers to samples processed as-received.



# KENNECOTT CANADA EXPLORATION INC.

## Mineral Processing Laboratory

1300 West Walsh St. Thunder Bay, Ontario, Canada P7E 4X4 Telephone (807) 473-5558 Facsimile (807) 473-5660



# CERTIFICATE OF ANALYSIS

## Method 2: Heavy Mineral Processing

Date Received: 25-Jul-05

Waybill: Tres-OrResourcesJuly25

Work Order #: 05HM067

Project: Tres-Or Resources Ltd.

Lab Billing Code: 113100-RE260

Fraction: -0.500 +0.250mm Mag

Company: Tres-Or Resources Ltd.

1934 - 131 Street


White Rock, BC, Canada V4A 7R7


Attention: Laura Lee Duffet

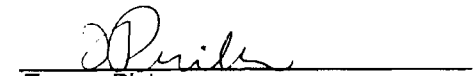
Telephone: (604) 541-8376

Facsimile: (604) 541-8926

	SAMPLE NO.	DATE PROC- START	RECEIVED WT (gm)	PORTION WT (gm)	FRACTION WT (gm)	POST MAG SEP WT (gm)	FINAL WT (gm)	DATE PROC- COMP.
1	5172	8/2/2005	21600.0	510.0	110.0	80.0	2.92	8/9/2005

  
Dan Dysievwick  
Processing Team Leader

  
Mauricio Coutinho  
Laboratory Manager

  
Treena Pinksen  
QA/QC Specialist

The quality of heavy mineral extraction from samples of disaggregated material (Method 2) is subject to monitoring through a rigorous internal quality assurance/quality control (QA/QC) scheme. Heavy mineral recovery is calculated for one sample in every batch. One batch consists of up to twenty-five samples, depending on individual sample weights. Therefore, at least 4% of samples are quality control samples.

Continual QA/QC monitoring involves comparison of kimberlite indicator mineral recovery from each batch to statistically acceptable internal performance standards. Observation at the laboratory extracts, on average, 90.51% (±2.05% at the 95% confidence limit) of pyrope grains >0.25<0.50mm in size and 85.29% (±2.56% at the 95% confidence limit) of chrome diopside grains >0.25<0.50mm in size.



# KENNECOTT CANADA EXPLORATION INC.

## Mineral Processing Laboratory

1300 West Walsh St. Thunder Bay, Ontario, Canada P7E 4X4 Telephone (807) 473-5558 Facsimile (807) 473-5660



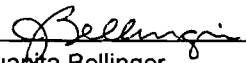
## CERTIFICATE OF ANALYSIS Method 4: Heavy Mineral Observation

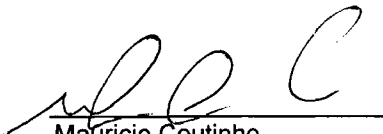
Date Received: 25-Jul-05  
Waybill: Tres-OrResourcesJuly25  
Work Order: 05HM067  
Project: Tres-Or Resources Ltd.  
Lab Billing Code: 113100-RE260  
Fraction: -0.500 +0.250mm Mag


Company: Tres-Or Resources Ltd.  
1934 - 131 Street  
White Rock, BC, Canada V4A 7R7  
Attention: Laura Lee Duffet  
Telephone: (604) 541-8376  
Facsimile: (604) 541-8926

	Sample No	PYR	ECL	CPX	ILM	CHR	OPX	OLI	REMARKS	OBSERVER	DATE OBS
1	5172	0	0	0	0	0	0	2		JB	8/11/2005

Grains must be confirmed with mineral chemical analysis.  
Accredited to ISO/IEC 17025 for specific registered tests.

  
Juanita Bellinger  
Observation Team Leader

  
Mauricio Coutinho  
Laboratory Manager

  
Treena Pinksen  
QA/QC Specialist

The quality of kimberlite indicator mineral observation from heavy mineral concentrates (Method 4) is subject to monitoring through a rigorous internal quality assurance/quality control (QA/QC) scheme. Kimberlite indicator recovery is calculated for two samples in every batch. One batch consists of up to twenty-five samples, depending on individual sample weights. Therefore, at least 10% of samples are quality control samples.

Continual QA/QC monitoring involves comparison of kimberlite indicator mineral recovery from each batch to statistically acceptable internal performance standards. Observation at the laboratory extracts, on average, 87.01% ( $\pm 3.03\%$  at the 95% confidence limit) of pyrope grains  $>0.25<0.50\text{mm}$  in size and 99.03% ( $\pm 0.75\%$  at the 95% confidence limit) of chrome diopside grains  $>0.25<0.50\text{mm}$  in size.

<b>CLIENT COMMENT FORM</b>	Year: Number:
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<u>Comment by</u> (Name, Title):	<u>Organization</u> :
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<u>Tel</u> :	<u>E-mail</u> :	<u>Date</u> :
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<b>SUMMARY OF COMMENT</b>
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Follow-up Required?      Yes <input type="checkbox"/> No <input type="checkbox"/>
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<u>Received by</u> :	<u>Responsible Manager</u> :
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<u>Date</u> :	<b>FOLLOW-UP</b>
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<u>Approved</u> :      Yes <input type="checkbox"/> No <input type="checkbox"/>	<u>Client Notification</u> :      Yes <input type="checkbox"/> No <input type="checkbox"/>
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<u>Approval (Date, Sign)</u> :
--------------------------------

**Please fill out any comments or complaints and return by fax to the laboratory 807-473-5660 attn: QA/QC Office**

<b>CLIENT COMPLAINT FORM</b>	Year: Number:
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<u>Complaint by (Name, Title):</u>	<u>Organization:</u>
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<u>Tel:</u>	<u>E-mail:</u>	<u>Date:</u>
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<u>Received by:</u>	<u>Responsible Manager:</u>
<u>Operation:</u>	<u>Operating Procedure Reference:</u>

<b>SUMMARY OF COMPLAINT</b>

<input type="checkbox"/> NON-CONFORMITY	<input type="checkbox"/> MAJOR	<input type="checkbox"/> MINOR
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<u>Date:</u>	<b>CORRECTIVE ACTION</b>

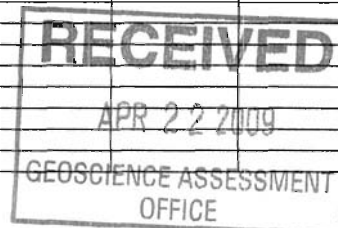
<u>Date:</u>	<b>POST ASSESSMENT</b>

Client Notification: Yes <input type="checkbox"/> No <input type="checkbox"/>	<u>Date:</u>
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<u>Approval (Date, Sign):</u>
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**Please fill out any comments or complaints and return by fax to the laboratory 807-473-5660 attn: QA/QC Office**

Sample Number	Drill Hole Number	Collector	Date	Depth (metres) from	Depth (metres) to	Total length	Less granite xenoliths	Less limestone/dolomite xenoliths	Less sedimentary/volcanic xenoliths	Less cave or sand or Geotech sample	Sample Length	Weight in kg	Seal Number
3002	TMN05-01	CJL, EB	16-Jun-05	93.55	97.65	4.10	—	—	—	—	4.10	8.00	1127
3003	TMN05-01	CJL, EB	16-Jun-05	100.4	104.72	4.32	—	—	—	—	4.32	8.00	1128
3004	TMN05-01	CJL, JE	18-Jun-05	104.72	110.3	5.58	—	—	—	—	5.58	8.10	1129
3005	TMN05-01	CJL, JE	18-Jun-05	110.3	114.7	4.40	—	—	—	—	4.40	8.30	1130
3006	TMN05-01	CJL, JE	18-Jun-05	119	123.9	4.90	—	—	—	—	3.14	8.10	1131
3007	TMN05-01	CJL, JE	18-Jun-05	123.9	129.18	5.28	—	—	—	—	4.07	8.00	1132
3008	TMN05-01	CJL, JE	18-Jun-05	129.18	134.82	5.64	—	—	—	—	5.34	8.20	1133
3009	TMN05-01	CJL, JE	18-Jun-05	134.82	138.96	4.14	—	—	—	—	4.14	8.00	1134
3010	TMN05-01	CJL, JE	18-Jun-05	138.96	144	5.04	—	—	—	—	4.25	8.20	1135
3011	TMN05-01	CJL, JE	18-Jun-05	144	147.87	3.87	—	—	—	—	3.81	8.00	1136
3012	TMN05-01	CJL, JE	19-Jun-05	147.87	152.49	4.62	—	—	—	—	4.38	8.00	1137
3013	TMN05-01	CJL, JE	19-Jun-05	152.49	156.5	4.01	—	—	—	—	3.89	8.00	1138
3014	TMN05-01	CJL, JE	19-Jun-05	156.5	161.38	4.88	—	—	—	—	4.33	8.20	1139
3015	TMN05-01	CJL, JE	19-Jun-05	161.38	165.72	4.34	—	—	—	—	4.34	8.10	1140
3016	TMN05-01	CJL, JE	19-Jun-05	165.72	170.58	4.86	—	—	—	—	4.42	8.10	1141
3017	TMN05-01	CJL, JE	19-Jun-05	170.58	175.48	4.90	—	—	—	—	4.90	8.20	1142
3018	TMN05-01	CJL, JE	20-Jun-05	175.48	180.55	5.07	—	—	—	0.49	3.97	8.10	1143
3019	TMN05-01	CJL, JE	20-Jun-05	180.55	184.84	4.29	—	—	—	0.15	3.76	8.10	1144
3020	TMN05-01	CJL, JE	20-Jun-05	184.84	190.76	5.92	—	—	—	—	5.92	8.00	1145
3021	TMN05-01	CJL, JE	20-Jun-05	190.76	195.94	5.18	—	—	—	—	4.08	8.00	1146
3022	TMN05-01	CJL, JE	20-Jun-05	185.94	200.33	4.39	—	—	—	—	4.39	8.00	1147
3023	TMN05-01	CJL, JE	20-Jun-05	200.33	204.43	4.10	—	—	—	—	4.10	8.10	1148
3024	TMN05-01	CJL, JE	20-Jun-05	204.43	208.73	4.30	—	—	—	—	4.00	8.00	1149
3025	TMN05-01	CJL, JE	20-Jun-05	208.73	213.53	4.80	—	—	—	0.20	4.60	8.00	1150
3026	TMN05-01	CJL, JE	20-Jun-05	213.53	218.26	4.73	0.24	—	—	—	4.49	8.10	1151
3027	TMN05-01	CJL, JE	20-Jun-05	218.26	223	4.74	—	—	—	—	4.35	8.20	1152
3028	TMN05-01	CJL, JE	20-Jun-05	223	227.5	4.50	—	—	—	—	4.50	8.10	1153
3029	TMN05-01	CJL, JE	20-Jun-05	227.5	232.7	5.20	—	—	—	—	5.20	8.20	1154
3030	TMN05-01	CJL, JE	20-Jun-05	232.7	238.88	6.18	—	—	—	—	5.33	8.20	1155
3031	TMN05-01	CJL, JE	20-Jun-05	237.88	243.11	5.23	0.23	—	—	—	5.00	8.00	1156
3032	TMN05-01	CJL, JE	20-Jun-05	243.11	248.25	5.14	—	—	—	—	4.94	8.00	1157
3033	TMN05-01	CJL, JE	20-Jun-05	248.25	251.57	3.32	—	—	—	—	3.32	4.6	1158
3034	TMN05-02	CJL, JE	21-Jun-05	64.10	72.91	8.81	—	—	—	—	8.81	8.0	1159
3035	TMN05-02	CJL, JE	21-Jun-05	72.91	78.57	5.66	—	—	—	—	5.66	8.0	1079
3036	TMN05-02	CJL, JE	21-Jun-05	78.57	85.10	6.53	—	—	—	—	6.53	8.0	1080
3037	TMN05-02	CJL, JE	21-Jun-05	85.10	89.88	4.73	—	—	—	—	4.73	8.0	1081
3038	TMN05-02	CJL, JE	21-Jun-05	89.88	95.30	5.42	—	—	—	—	5.42	8.0	1082
3039	TMN05-02	CJL, JE	21-Jun-05	95.30	96.66	1.36	—	—	—	—	1.36	2.7	1083
3040	TMN05-03	CJL, JE	23-Jun-05	76	81.15	5.15	—	—	—	—	5.15	8.0	1084
3041	TMN05-03	CJL, JE	23-Jun-05	81.15	86.12	4.97	0.59	0.40	—	—	3.98	8.0	1085
3042	TMN05-03	CJL, JE	23-Jun-05	86.12	90.86	4.74	0.49	0.07	—	—	4.18	8.0	1086
3043	TMN05-03	CJL, JE	23-Jun-05	90.86	96.64	5.78	1.38	—	—	—	4.4	8.0	1087
3044	TMN05-03	CJL, JE	23-Jun-05	96.64	102.42	5.78	1.13	0.10	—	—	4.55	8.1	1088
3045	TMN05-03	CJL, JE	23-Jun-05	102.42	107.37	4.95	—	—	—	—	4.95	8.0	1089
3046	TMN05-03	CJL, JE	23-Jun-05	107.37	113.14	5.77	0.24	—	—	—	5.53	8.0	1090
3047	TMN05-03	CJL, JE	23-Jun-05	113.14	117.15	4.01	—	—	—	—	4.01	8.0	1091
3048	TMN05-03	CJL, JE	23-Jun-05	117.15	121.39	4.03	0.11	—	—	—	4.03	8.0	1092
3049	TMN05-03	CJL, JE	23-Jun-05	121.39	124.31	2.92	—	—	—	—	2.92	5.9	1093
3050	TMN05-03	CJL, JE	23-Jun-05	154	158.11	4.11	—	—	—	—	4.11	8.0	1094
3051	TMN05-03	CJL, JE	23-Jun-05	158.11	162.45	4.34	—	—	—	—	4.34	8.0	1095
3052	TMN05-03	CJL, JE	23-Jun-05	162.45	167.6	5.15	—	0.53	—	—	4.6	8.0	1096
3053	TMN05-03	CJL, JE	23-Jun-05	167.6	171.17	3.57	—	—	—	—	3.57	8.0	1097
3054	TMN05-03	EB, JE	24-Jun-05	171.17	175.70	4.53	—	—	—	—	4.53	8.50	1098
3055	TMN05-03	EB, JE	24-Jun-05	175.70	180.25	4.55	—	—	—	—	4.55	7.90	1099
3056	TMN05-03	EB, JE	24-Jun-05	180.25	184.95	4.70	—	0.53	—	—	4.17	8.30	1100
3057	TMN05-03	EB, JE	24-Jun-05	184.95	195.20	10.25	—	—	—	—	3.77	8.00	1101
3058	TMN05-03	EB, JE	24-Jun-05	195.20	199.53	4.33	—	—	—	—	4.33	8.30	1102
3059	TMN05-03	EB, JE	25-Jun-05	199.53	203.80	4.27	—	—	—	—	4.27	8.21	1103
3060	TMN05-03	EB, JE	25-Jun-05	203.80	207.69	3.89	—	—	—	—	3.89	7.80	1104
3061	TMN05-03	EB, JE	25-Jun-05	207.69	211.71	4.02	—	—	—	—	4.02	8.30	1105
3062	TMN05-03	EB, JE	25-Jun-05	211.71	215.65	3.94	—	—	—	—	3.94	8.00	1106
3063	TMN05-03	EB, JE	25-Jun-05	215.65	219.37	3.72	—	—	—	—	3.72	7.80	1107
3064	TMN05-03	EB, JE	27-Jun-05	219.37	223.30	3.93	—	—	—	—	3.93	8.30	1108
3065	TMN05-03	EB, JE	27-Jun-05	223.30	227.22	3.92	—	—	—	—	3.92	8.50	1109
3066	TMN05-03	EB, JE	27-Jun-05	227.22	231.00	3.78	—	—	—	—	3.78	7.80	1111
3067	TMN05-03	EB, JE	27-Jun-05	231.00	234.79	3.79	—	—	—	—	3.79	8.40	1112
3068	TMN05-03	EB, JE	27-Jun-05	234.79	238.61	3.82	—	—	—	—	3.82	7.90	1113
3069	TMN05-03	EB, JE	27-Jun-05	238.61	242.22	3.61	—	—	—	—	3.61	8.00	1114



Sample Number	Drill Hole Number	Collector	Date	Depth (metres) from	Depth (metres) to	Total length	Less granite xenoliths	Less limestone/dolomite xenoliths	Less sedimentary/volcanic xenoliths	Less cave or sand or Geotech sample	Sample Length	Weight in kg	Seal Number
3070	TMN05-03	EB, JE	27-Jun-05	242.22	246.00	3.78					3.78	7.80	1115
3071	TMN05-03	EB, JE	27-Jun-05	246.00	249.94	3.94					3.94	7.90	1116
3072	TMN05-03	EB, JE	27-Jun-05	249.94	253.86	3.92					3.92	8.20	1117
3073	TMN05-03	EB, JE	28-Jun-05	253.86	257.73	3.87					3.87	8.00	1119
3074	TMN05-03	EB, JE	28-Jun-05	257.73	261.71	3.98					3.98	8.10	1201
3075	TMN05-03	EB, JE	28-Jun-05	261.71	265.77	4.06					4.06	8.20	1202
3076	TMN05-03	EB, JE	28-Jun-05	265.77	269.30	3.53					3.53	7.90	1203
3077	TMN05-03	EB, JE	28-Jun-05	269.30	273.22	3.92					3.92	8.10	1204
3078	TMN05-03	EB, JE	28-Jun-05	273.22	277.67	4.45		0.55			3.90	7.70	1205
3079	TMN05-03	EB, JE	28-Jun-05	277.67	281.65	3.98					3.98	7.90	1206
3080	TMN05-03	EB, JE	29-Jun-05	281.65	285.88	4.23	0.30				3.93	8.30	1207
3081	TMN05-03	EB, JE	29-Jun-05	285.88	291.55	5.67	0.24	1.59			3.84	8.10	1208
3082	TMN05-03	EB, JE	29-Jun-05	291.55	297.00	5.45	1.37				4.08	8.40	1209
3083	TMN05-03	EB, JE	29-Jun-05	297.00	302.30	4.30	1.10				3.20	8.00	1210
3084	TMN05-03	EB, JE	29-Jun-05	302.30	308.05	5.75	2.04				3.71	6.50	1211
3085	TMN05-05	CJL, EB	11-Jul-05	78.35	82.92	4.57	0	0	0	0	4.57	8.0	1212
3086	TMN05-05	CJL, EB	11-Jul-05	82.92	87.1	4.18	0	0	0	0	4.18	8.0	1213
3087	TMN05-05	CJL, JE	11-Jul-05	87.1	91.1	4.00	0	0	0	0	4.00	8.7	1214
3088	TMN05-05	CJL, JE	11-Jul-05	91.1	95.13	4.03	0	0	0	0	4.03	8.0	1215
3089	TMN05-05	CJL, JE	11-Jul-05	95.13	99.24	4.11	0	0	0	0	4.11	8.0	1216
3090	TMN05-05	CJL, JE	11-Jul-05	99.24	103.30	4.06	0	0	0	0	4.06	8.0	1217
3091	TMN05-05	CJL, JE	11-Jul-05	103.3	107.35	4.05	0	0	0	0	4.05	8.0	1218
3092	TMN05-05	CJL, JE	12-Jul-05	107.35	111.66	4.31	0	0	0	0	4.31	8.0	1220
3093	TMN05-05	CJL, JE	12-Jul-05	111.66	117.44	5.78	0.26	0	0	0.05	5.47	8.0	1219
3094	TMN05-05	CJL, JE	12-Jul-05	117.44	124.12	6.68	0.83	0	0	0	5.85	8.0	1221
3095	TMN05-05	CJL, JE	12-Jul-05	124.12	131.95	7.83	1.08	2.18	0	0	4.57	8.0	1222
3096	TMN05-05	CJL, JE	12-Jul-05	131.95	140.40	8.45	2.4	0.5	0	0	5.55	8.0	1223
3097	TMN05-05	CJL, JE	12-Jul-05	140.4	146.36	5.96	0.17	1.62	0	0	4.17	8.0	1224
3098	TMN05-05	CJL, JE	12-Jul-05	146.36	151.67	5.31	0.06	0.95	0	0	4.30	8.0	1225
3099	TMN05-05	CJL, JE	13-Jul-05	151.67	156.78	5.11	1.26	0	0	0	3.85	8.0	1226
3100	TMN05-05	CJL, JE	13-Jul-05	156.78	162.00	5.22	0.11	0.97	0	0	4.14	8.0	1227
3101	TMN05-05	CJL, JE	13-Jul-05	162.00	166.80	4.80	0.04	0.75	0	0	4.01	8.0	1228
3102	TMN05-05	CJL, JE	13-Jul-05	166.80	171.66	4.86	0.33	0.17	0	0	4.36	8.0	1229
3103	TMN05-05	CJL, JE	13-Jul-05	171.66	176.27	4.61	0.1	0.26	0	0	4.25	8.0	1230
3104	TMN05-05	CJL, JE	14-Jul-05	176.27	180.85	4.58	0.18	0.15	0	0	4.25	8.0	1231
3105	TMN05-05	CJL, JE	14-Jul-05	180.85	185.29	4.44	0.08	0.09	0	0	4.27	8.0	1232
3106	TMN05-05	CJL, JE	14-Jul-05	185.29	190.48	5.19	0	0.43	0	0	4.76	8.0	1233
3107	TMN05-05	CJL, JE	15-Jul-05	190.48	194.95	4.47	0	0.33	0	0	4.14	8.0	1234
3108	TMN05-05	CJL, JE	15-Jul-05	194.95	207.7	12.75	7.85	0	0	0	4.9	8.0	1235
3109	TMN05-05	CJL, JE	15-Jul-05	207.7	212.66	4.96	0.29	0	0	0	4.67	8.0	1236
3110	TMN05-05	CJL, JE	15-Jul-05	212.66	216.36	3.70	0	0	0	0	3.7	8.0	1237
3111	TMN05-05	CJL, JE	15-Jul-05	216.36	220.63	4.27	0.14	0	0	0	4.13	8.0	1238
3112	TMN05-05	CJL, JE	15-Jul-05	220.63	225.33	4.70	0.1	0	0	0	4.6	8.0	1239
3113	TMN05-05	CJL, JE	16-Jul-05	225.33	229.35	4.02	0.2	0	0	0	3.82	8.0	1240
3114	TMN05-05	CJL, JE	16-Jul-05	229.35	233.6	4.25	0	0	0	0	4.25	8.0	1241
3115	TMN05-05	CJL, JE	16-Jul-05	233.6	244.25	10.65	7.08	0	0	0	3.57	8.0	1242
3125	TMN05-05	CJL, JE	16-Jul-05	244.25	251.6	7.35	0.67	0	0	1.85	4.83	8.0	1243
3126	TMN05-05	CJL, JE	16-Jul-05	251.6	255.8	4.20	0	0	0	0	4.2	8.0	1244
3127	TMN05-05	CJL, JE	16-Jul-05	255.8	259.5	3.70	0.26	0	0	0	3.44	7.3	1245
3155	TMN05-06	CJL, JE	17-Sep-05	71.00	112.50	41.50	0.05	32.64	0.00	0.00	8.81	8.0	1295
3156	TMN05-06	CJL, JE	17-Sep-05	112.50	117.22	4.72	0.18	0.00	0.00	0.00	4.54	8.0	1296
3157	TMN05-06	CJL, JE	17-Sep-05	117.22	122.00	4.78	0.00	0.00	0.00	0.00	4.78	8.0	1297
3158	TMN05-06	CJL, JE	17-Sep-05	122.00	126.44	4.44	0.00	0.00	0.00	0.00	4.44	8.0	1298
3159	TMN05-06	CJL, JE	17-Sep-05	126.44	132.29	5.85	0.00	0.76	0.00	0.00	4.79	8.0	1299
3160	TMN05-06	CJL, JE	17-Sep-05	132.29	137.58	5.29	0.06	1.11	0.00	0.00	4.12	8.0	1300
3161	TMN05-06	CJL, JE	17-Sep-05	137.58	143.75	6.17	0.20	1.08	0.54	0.00	4.35	8.0	1301
3162	TMN05-06	CJL, JE	17-Sep-05	143.75	147.57	3.82	0.00	0.08	0.00	0.00	3.74	8.0	1302
3163	TMN05-06	CJL, JE	17-Sep-05	147.57	152.00	4.43	0.00	0.18	0.00	0.00	4.25	8.0	1303
3164	TMN05-06	CJL, JE	17-Sep-05	152.00	156.38	4.38	0.00	0.22	0.00	0.00	4.16	8.0	1304
3165	TMN05-06	CJL, JE	17-Sep-05	156.38	161.22	4.84	0.71	0.00	0.00	0.00	3.83	8.0	1305
3166	TMN05-06	CJL, JE	17-Sep-05	161.22	166.40	5.18	0.00	0.33	0.00	0.00	4.85	8.2	1306
3167	TMN05-06	CJL, JE	18-Sep-05	166.40	175.21	8.81	0.30	4.29	0.23	0.00	3.99	8.0	1307
3168	TMN05-06	CJL, JE	18-Sep-05	175.21	179.73	4.52	0.10	0.07	0.18	0.00	4.17	8.2	1308
3169	TMN05-06	CJL, JE	18-Sep-05	179.73	183.39	3.66	0.00	0.00	0.00	0.00	3.66	7.7	1309
3170	TMN05-06	CJL, JE	18-Sep-05	183.39	188.20	4.81	0.00	0.65	0.00	0.00	3.82	8.0	1310
3171	TMN05-06	EB/JE	19-Sep-05	188.20	192.08	3.88	0.00	0.00	0.00	0.00	3.88	8.0	1311
3172	TMN05-06	EB/JE	19-Sep-05	192.08	196.25	4.17	0.00	0.00	0.00	0.00	4.17	8.0	1312
3173	TMN05-06	EB/JE	19-Sep-05	196.25	200.32	4.07	0.00	0.00	0.00	0.00	4.07	8.1	1351
3174	TMN05-06	EB/JE	19-Sep-05	200.32	204.46	4.14	0.00	0.00	0.00	0.00	4.14	8.1	1350

Sample Number	Drill Hole Number	Collector	Date	Depth (metres) from	Depth (metres) to	Total length	Less granite xenoliths	Less limestone/dolomite xenoliths	Less sedimentary/volcanic xenoliths	Less cave or sand or Geotech sample	Sample Length	Weight in kg	Seal Number
3175	TMN05-06	EB/JE	19-Sep-05	204.46	208.90	4.44	0.00	0.00	0.00	0.26	4.18	8.0	1315
3176	TMN05-06	EB/JE	19-Sep-05	208.90	213.05	4.15	0.00	0.00	0.00	0.00	4.15	8.1	1316
3177	TMN05-06	EB/JE	20-Sep-05	213.05	216.96	3.91	0.00	0.00	0.00	0.00	3.91	8.0	1317
3178	TMN05-06	EB/JE	20-Sep-05	216.96	220.89	3.93	0.00	0.00	0.00	0.00	3.93	8.1	1318
3179	TMN05-06	EB/JE	20-Sep-05	220.89	225.20	4.31	0.00	0.00	0.00	0.00	4.31	8.0	1319
3180	TMN05-06	EB/JE	20-Sep-05	225.20	229.33	4.13	0.08	0.00	0.00	0.00	4.05	8.2	1320
3181	TMN05-06	EB/JE	20-Sep-05	229.33	233.29	3.96	0.00	0.00	0.00	0.00	3.96	8.2	1321
3182	TMN05-06	EB/JE	20-Sep-05	233.29	237.32	4.03	0.00	0.00	0.00	0.00	4.03	7.9	1322
3183	TMN05-06	EB/JE	20-Sep-05	237.32	241.61	4.29	0.00	0.00	0.00	0.00	4.29	8.2	1323
3184	TMN05-06	EB/JE	20-Sep-05	241.61	245.40	3.79	0.00	0.00	0.00	0.00	3.79	8.0	1324
3185	TMN05-06	EB/JE	20-Sep-05	245.40	249.62	4.22	0.00	0.00	0.00	0.00	4.22	7.9	1325
3186	TMN05-06	EB/JE	20-Sep-05	249.62	251.50	1.88	0.00	0.00	0.00	0.00	1.88	4.2	1326
3187	TMN05-07	EB & JE	21-Sep-05	54.56	59.80	5.24		0.54			4.70	8.0	1327
3188	TMN05-07	EB & JE	21-Sep-05	59.80	65.20	5.40		0.48			4.92	8.0	1352
3189	TMN05-07	EB & JE	22-Sep-05	65.20	71.40	6.20		0.57			5.63	8.0	1329
3190	TMN05-07	EB & JE	22-Sep-05	71.40	106.25	34.85		29.21			5.64	7.5	1330
3191	TMN05-07	EB & JE	22-Sep-05	106.25	111.49	5.24					5.24	8.1	1331
3192	TMN05-07	EB & JE	26-Sep-05	111.49	116.58	5.09				0.31	4.78	8.0	1332
3193	TMN05-07	EB & JE	26-Sep-05	116.58	120.93	4.35					4.35	7.9	1333
3194	TMN05-07	EB & JE	26-Sep-05	120.93	125.26	4.33					4.33	7.9	1334
3195	TMN05-07	EB & JE	26-Sep-05	125.26	129.40	4.14	0.05				4.09	8.1	1353
3196	TMN05-07	EB & JE	26-Sep-05	129.40	134.00	4.60		0.50			4.10	8.0	1354
3197	TMN05-07	EB & JE	26-Sep-05	134.00	137.87	3.87					3.87	7.9	1355
3198	TMN05-07	EB & JE	26-Sep-05	137.87	141.83	3.96					3.96	8.0	1356
3199	TMN05-07	EB & JE	26-Sep-05	141.83	146.16	4.33				0.31	4.02	8.0	1357
3200	TMN05-07	EB & JE	26-Sep-05	146.16	150.24	4.08					4.08	7.9	1358
3201	TMN05-07	EB & JE	26-Sep-05	150.24	154.57	4.33	0.24				4.09	8.0	1359
3202	TMN05-07	EB & JE	26-Sep-05	154.57	158.56	3.99					3.99	7.9	1360
3203	TMN05-07	EB & JE	26-Sep-05	158.56	164.10	5.54	1.31				4.23	8.0	1361
3204	TMN05-07	EB & JE	26-Sep-05	164.10	170.23	6.13	1.28				4.85	8.0	1362
3205	TMN05-07	CJL & JE	27-Sep-05	170.23	174.64	4.41					4.41	8.6	1363
3206	TMN05-07	CJL & JE	27-Sep-05	175.04	179.26	4.22					4.22	8.0	1364
3207	TMN05-07	CJL & JE	27-Sep-05	179.26	183.58	4.32					4.32	8.0	1365
3208	TMN05-07	CJL & JE	27-Sep-05	183.58	188.07	4.49	0.17				4.32	8.0	1366
3209	TMN05-07	CJL & JE	27-Sep-05	188.07	192.45	4.38					4.38	8.0	1367
3210	TMN05-07	CJL & JE	27-Sep-05	192.45	196.65	4.20					4.20	8.0	1368
3211	TMN05-07	CJL & JE	27-Sep-05	196.65	201.20	4.55	0.12				4.43	8.0	1369
3212	TMN05-07	CJL & JE	28-Sep-05	201.20	205.33	4.13					4.13	8.0	1370
3213	TMN05-07	CJL & JE	28-Sep-05	205.66	209.60	3.94					3.94	8.0	1371
3214	TMN05-07	CJL & JE	28-Sep-05	209.60	213.94	4.34	0.12				4.22	8.0	1372
3215	TMN05-07	CJL & JE	28-Sep-05	213.94	218.20	4.26					4.26	8.0	1373
3216	TMN05-07	CJL & JE	28-Sep-05	218.20	222.52	4.32					4.32	8.0	1374
3217	TMN05-07	CJL & JE	28-Sep-05	222.52	226.57	4.05					4.05	8.0	1375
3218	TMN05-07	CJL & JE	28-Sep-05	226.57	230.42	3.85					3.85	8.0	1377
3219	TMN05-07	CJL & JE	28-Sep-05	230.42	234.95	4.52					4.52	8.0	1376
3220	TMN05-07	CJL & JE	28-Sep-05	234.95	239.55	4.60					4.60	8.0	1378
3221	TMN05-07	CJL & JE	28-Sep-05	239.55	243.55	4.00					4.00	8.0	1379
3222	TMN05-07	CJL & JE	28-Sep-05	243.55	247.81	4.26					4.26	8.0	1380
3223	TMN05-07	CJL & JE	28-Sep-05	247.81	251.20	3.39					3.39	6.8	1381
3225	TMN05-08A	EB/JE	17-Oct-05	94.73	98.82	4.09	0.00	0.00	0.00	0.00	4.09	8.0	1383
3226	TMN05-08A	EB/JE	17-Oct-05	98.82	102.87	4.05	0.00	0.00	0.00	0.00	4.05	8.0	1384
3227	TMN05-08A	EB/JE	17-Oct-05	102.87	107.41	4.54	0.00	0.00	0.00	0.00	4.54	8.0	1385
3228	TMN05-08A	EB/JE	17-Oct-05	107.41	111.97	4.56	0.00	0.00	0.00	0.00	4.56	8.1	1386
3229	TMN05-08A	EB/JE	17-Oct-05	111.97	116.42	4.45	0.00	0.00	0.00	0.00	4.45	7.9	1387
3230	TMN05-08A	EB/JE	17-Oct-05	116.42	120.75	4.33	0.00	0.00	0.00	0.00	4.33	8.0	1388
3231	TMN05-08A	EB/JE	17-Oct-05	120.75	125.00	4.25	0.00	0.00	0.00	0.00	4.25	8.0	1389
3232	TMN05-08A	EB/JE	17-Oct-05	125.00	129.53	4.53	0.00	0.00	0.00	0.00	4.53	8.0	1390
3233	TMN05-08A	EB/JE	17-Oct-05	129.53	133.68	4.15	0.00	0.00	0.00	0.00	4.15	7.9	1391
3234	TMN05-08A	EB/JE	17-Oct-05	133.68	138.10	4.42	0.00	0.00	0.00	0.00	4.42	7.8	1392
3235	TMN05-08A	CJL/JE	05-Dec-05	138.10	142.37	4.27	0.00	0.00	0.00	0.34	3.93	8.0	1393
3236	TMN05-08A	CJL/JE	05-Dec-05	142.37	146.50	4.13	0.00	0.00	0.00	0.00	4.13	8.0	1394
3237	TMN05-08A	CJL/JE	05-Dec-05	146.50	150.42	3.92	0.00	0.00	0.00	0.00	3.92	8.0	1395
3238	TMN05-08A	CJL/JE	05-Dec-05	150.42	154.17	3.75	0.00	0.00	0.00	0.00	3.75	8.0	1396
3239	TMN05-08A	CJL/JE	05-Dec-05	154.17	158.00	3.83	0.00	0.00	0.00	0.00	3.83	8.0	1397
3240	TMN05-08A	CJL/JE	05-Dec-05	158.00	161.78	3.78	0.00	0.00	0.00	0.00	3.78	8.0	1398



Lapointe Kimberlite Sampling for Caustic Fusion

Sample Number	Drill Hole Number	Collector	Date	Depth (metres) from	Depth (metres) to	Total length	Less granite xenoliths	Less limestone/dolomite xenoliths	Less sedimentary/volcanic xenoliths	Less cave or sand or Geotech sample	Sample Length	Weight in kg	Seal Number
3241	TMN05-08A	CJL/JE	05-Dec-05	161.78	165.52	3.74	0.00	0.00	0.00	0.00	3.74	8.0	1399
3242	TMN05-08A	CJL/JE	06-Dec-05	165.52	169.33	3.81	0.00	0.00	0.00	0.00	3.81	8.0	1400
3243	TMN05-08A	CJL/AB	07-Dec-05	169.30	173.38	4.08	0.00	0.00	0.00	0.00	4.08	8.0	1401
3244	TMN05-08A	CJL/AB	07-Dec-05	173.38	176.27	2.89	0.00	0.20	0.00	0.00	2.69	5.5	1402
3245	TMN05-08A	CJL/AB	07-Dec-05	176.27	180.17	3.90	0.00	0.00	0.00	0.00	3.90	8.0	1403
3246	TMN05-08A	CJL/AB	07-Dec-05	180.17	184.13	3.96	0.00	0.31	0.00	0.00	3.65	8.0	1404
3247	TMN05-08A	CJL/AB	08-Dec-05	184.13	191.07	6.94	0.00	1.78	0.00	0.30	4.86	8.0	1405
3248	TMN05-08A	CJL/AB	08-Dec-05	191.07	194.49	3.42	0.00	0.19	0.00	0.00	3.23	8.0	1406
3249	TMN05-08A	CJL/AB	08-Dec-05	194.49	199.12	4.63	0.00	0.00	0.00	0.00	4.63	8.0	1407
3250	TMN05-08A	CJL/AB	08-Dec-05	199.12	203.57	4.45	0.00	0.00	0.00	0.00	4.45	8.0	1408
3251	TMN05-08A	CJL/AB	08-Dec-05	203.57	207.55	3.98	0.00	0.08	0.00	0.00	3.90	8.0	1409
3252	TMN05-08A	CJL	09-Dec-05	207.55	211.68	4.13	0.00	0.00	0.00	0.00	4.13	8.0	1410
3253	TMN05-08A	CJL/AB	10-Dec-05	211.68	216.14	4.46	0.00	0.00	0.00	0.00	4.46	8.0	1411
3254	TMN05-08A	CJL/AB	10-Dec-05	216.14	220.40	4.26	0.00	0.00	0.00	0.00	4.26	8.0	1412
3255	TMN05-08A	CJL/AB	10-Dec-05	220.40	224.70	4.30	0.00	0.00	0.00	0.00	4.30	8.0	1413
3256	TMN05-08A	CJL	10-Dec-05	224.70	228.87	4.17	0.00	0.00	0.00	0.00	4.17	8.0	1414
3257	TMN05-08A	CJL	10-Dec-05	228.87	233.12	4.25	0.00	0.00	0.00	0.00	4.25	8.0	1415
3258	TMN05-08A	CJL	10-Dec-05	233.12	237.38	4.26	0.00	0.00	0.00	0.00	4.26	8.0	1416
3259	TMN05-08A	CJL	10-Dec-05	237.38	241.13	3.75	0.00	0.00	0.00	0.00	3.75	8.0	1417
3260	TMN05-08A	CJL	10-Dec-05	241.13	245.50	4.37	0.50	0.00	0.00	0.00	3.87	8.0	1418
3261	TMN05-08A	CJL/AB	10-Dec-05	245.50	250.36	4.86	0.15	0.00	0.18	0.00	4.53	8.0	1419
3262	TMN05-08A	CJL/AB	10-Dec-05	250.36	251.60	1.24	0.00	0.00	0.00	0.00	1.24	2.7	1420
3224	TMN05-09	EB/JE	17-Oct-05		150.00							1.8	1382
3263	TMN05-09	CJL	11-Dec-05	88.15	92.46	4.31	0.05	0.00	0.00	0.00	4.26	8.0	1421
3264	TMN05-09	CJL	11-Dec-05	92.46	97.26	4.80	0.00	0.00	0.00	0.00	4.80	8.0	1422
3265	TMN05-09	CJL	11-Dec-05	97.26	101.21	3.95	0.00	0.00	0.00	0.00	3.95	8.0	1423
3266	TMN05-09	CJL	11-Dec-05	101.21	105.00	3.79	0.00	0.00	0.00	0.00	3.79	8.0	1424
3267	TMN05-09	CJL	11-Dec-05	105.00	108.70	3.70	0.00	0.00	0.00	0.00	3.70	8.0	1425
3268	TMN05-09	CJL	11-Dec-05	108.70	113.10	4.40	0.00	0.00	0.00	0.00	4.40	8.0	1426
3269	TMN05-09	CJL/JE	11-Dec-05	113.10	116.76	3.66	0.00	0.00	0.00	0.00	3.66	8.0	1427
3270	TMN05-09	CJL/JE	11-Dec-05	116.76	120.40	3.64	0.00	0.00	0.00	0.00	3.64	8.0	1428
3271	TMN05-09	CJL/JE	11-Dec-05	120.40	124.14	3.74	0.00	0.00	0.00	0.00	3.74	8.0	1429
3272	TMN05-09	CJL	12-Dec-05	124.14	128.00	3.86	0.11	0.00	0.00	0.00	3.75	8.0	1430
3273	TMN05-09	CJL	12-Dec-05	128.00	131.52	3.52	0.00	0.00	0.00	0.00	3.52	8.0	1431
3274	TMN05-09	CJL	12-Dec-05	131.52	135.18	3.66	0.00	0.00	0.00	0.00	3.66	8.0	1432
3275	TMN05-09	CJL	12-Dec-05	135.18	139.20	4.02	0.00	0.15	0.00	0.00	3.87	8.0	1434
3276	TMN05-09	CJL	12-Dec-05	139.20	143.00	3.80	0.00	0.00	0.00	0.00	3.80	8.0	1433
3277	TMN05-09	CJL	12-Dec-05	143.00	146.32	3.32	0.00	0.00	0.00	0.00	3.32	8.0	1435
3278	TMN05-09	CJL	12-Dec-05	146.32	150.26	3.94	0.00	0.00	0.00	0.00	3.94	8.0	1436
3279	TMN05-09	CJL/GC/JE	12-Dec-05	150.26	153.95	3.69	0.00	0.00	0.00	0.00	3.69	8.0	1437
3280	TMN05-09	CJL/GC/JE	12-Dec-05	153.95	158.08	4.13	0.00	0.00	0.00	0.00	4.13	8.0	1438
3281	TMN05-09	CJL/GC/JE	12-Dec-05	158.08	162.66	4.58	0.00	0.00	0.00	0.00	4.58	8.0	1439
3282	TMN05-09	CJL/GC/JE	12-Dec-05	162.66	166.16	3.50	0.00	0.00	0.00	0.00	3.50	8.0	1440
3283	TMN05-09	CJL/GC/JE	12-Dec-05	166.16	169.70	3.54	0.00	0.00	0.00	0.00	3.54	8.0	1441
3284	TMN05-09	CJL/GC/JE	12-Dec-05	169.70	173.28	3.58	0.00	0.00	0.00	0.00	3.58	8.0	1442
3285	TMN05-09	CJL/GC/JE	12-Dec-05	173.28	176.76	3.48	0.00	0.00	0.00	0.00	3.48	8.0	1443
3286	TMN05-09	CJL/GC/JE	13-Dec-05	176.76	180.68	3.92	0.13	0.00	0.00	0.00	3.79	8.0	1444
3287	TMN05-09	CJL/GC/JE	13-Dec-05	180.68	184.55	3.87	0.00	0.00	0.00	0.00	3.87	8.0	1445
3288	TMN05-09	CJL/GC/JE	13-Dec-05	184.55	188.82	4.27	0.27	0.00	0.00	0.36	3.64	8.0	1446
3289	TMN05-09	CJL/GC/JE	13-Dec-05	188.82	192.21	3.39	0.00	0.00	0.00	0.00	3.39	8.0	1447
3290	TMN05-09	CJL/GC/JE	13-Dec-05	192.21	195.79	3.58	0.49	0.00	0.00	0.00	3.09	8.0	1448
3291	TMN05-09	CJL/GC/JE	13-Dec-05	195.79	199.31	3.52	0.20	0.00	0.00	0.00	3.32	8.0	1803
3292	TMN05-09	CJL/GC/JE	13-Dec-05	199.31	202.48	3.17	0.00	0.00	0.00	0.00	3.17	8.0	1805
3293	TMN05-09	CJL/GC/JE	13-Dec-05	202.48	206.12	3.64	0.00	0.00	0.00	0.00	3.64	8.0	1808
3294	TMN05-09	CJL/GC/JE	13-Dec-05	206.12	209.30	3.18	0.00	0.00	0.00	0.00	3.18	8.0	1802
3295	TMN05-09	CJL/GC/JE	14-Dec-05	209.30	212.73	3.43	0.00	0.00	0.00	0.00	3.43	8.0	1806
3296	TMN05-09	CJL/GC/JE	14-Dec-05	212.73	216.47	3.74	0.00	0.00	0.00	0.34	3.40	8.0	1811
3297	TMN05-09	CJL/GC/JE	14-Dec-05	216.47	219.98	3.51	0.00	0.00	0.00	0.00	3.51	8.0	1812
3298	TMN05-09	CJL/GC/JE	14-Dec-05	219.98	223.58	3.60	0.00	0.00	0.00	0.00	3.60	8.0	1814
3299	TMN05-09	CJL/GC/JE	14-Dec-05	223.58	226.85	3.27	0.00	0.00	0.00	0.00	3.27	8.0	1819
3300	TMN05-09	CJL/GC/JE	14-Dec-05	226.85	230.22	3.37	0.00	0.00	0.00	0.00	3.37	8.0	1820
3301	TMN05-09	CJL/GC/JE	14-Dec-05	230.22	233.62	3.40	0.00	0.00	0.00	0.00	3.40	8.0	1822
3302	TMN05-09	CJL/GC/JE	14-Dec-05	233.62	237.00	3.38	0.00	0.00	0.00	0.00	3.38	8.0	1823

Sample Number	Drill Hole Number	Collector	Date	Depth (metres) from	Depth (metres) to	Total length	Less granite xenoliths	Less limestone/dolomite xenoliths	Less sedimentary/volcanic xenoliths	Less cave or sand or Geotech sample	Sample Length	Weight in kg	Seal Number
3303	TMN05-09	CJL/GC/JE	14-Dec-05	237.00	240.50	3.50	0.00	0.00	0.00	0.00	3.50	8.0	1830
3304	TMN05-09	CJL/GC/JE	14-Dec-05	240.50	243.98	3.48	0.00	0.00	0.00	0.00	3.48	8.0	1831
3305	TMN05-09	CJL/GC/JE	14-Dec-05	243.98	247.70	3.72	0.00	0.00	0.00	0.40	3.32	8.0	1832
3306	TMN05-09	CJL/GC/JE	14-Dec-05	247.70	250.87	3.17	0.00	0.00	0.00	0.00	3.17	8.0	1833
3307	TMN05-09	CJL/GC/JE	14-Dec-05	250.87	254.49	3.62	0.00	0.00	0.00	0.00	3.62	8.0	1834
3308	TMN05-09	CJL/GC/JE	14-Dec-05	254.49	258.13	3.64	0.00	0.00	0.00	0.00	3.64	8.0	1836
3309	TMN05-09	CJL/GC/JE	14-Dec-05	258.13	261.45	3.32	0.00	0.00	0.00	0.20	3.12	8.0	1839
3310	TMN05-09	CJL/GC/JE	14-Dec-05	261.45	264.60	3.15	0.00	0.00	0.00	0.00	3.15	8.0	1840
3311	TMN05-09	CJL/GC/JE	14-Dec-05	264.60	267.65	3.05	0.00	0.00	0.00	0.00	3.05	8.0	1841
3312	TMN05-09	CJL/GC/JE	14-Dec-05	267.65	270.93	3.28	0.00	0.00	0.00	0.00	3.28	8.0	1842
3313	TMN05-09	CJL/GC/JE	14-Dec-05	270.93	274.20	3.27	0.00	0.00	0.00	0.00	3.27	8.0	1845
3314	TMN05-09	CJL/GC/JE	14-Dec-05	274.20	277.77	3.57	0.00	0.00	0.00	0.34	3.23	8.0	1846
3315	TMN05-09	CJL/GC/JE	14-Dec-05	277.77	281.00	3.23	0.00	0.00	0.00	0.00	3.23	8.0	1824
3316	TMN05-09	CJL/GC/JE	14-Dec-05	281.00	284.41	3.41	0.00	0.00	0.00	0.00	3.41	8.0	1827
3317	TMN05-09	CJL/GC/JE	14-Dec-05	284.41	287.52	3.11	0.00	0.00	0.00	0.00	3.11	8.0	1829
3318	TMN05-09	CJL/GC/JE	14-Dec-05	287.52	290.12	2.60	0.00	0.00	0.00	0.00	2.60	8.0	1847
3319	TMN05-09	CJL/GC/JE	14-Dec-05	290.12	293.38	3.26	0.00	0.00	0.00	0.00	3.26	8.0	1848
3320	TMN05-09	CJL/GC/JE	14-Dec-05	293.38	297.63	4.25	0.00	0.00	0.00	0.00	4.25	8.0	1849
3321	TMN05-09	CJL/GC/JE	14-Dec-05	297.63	300.75	3.12	0.00	0.00	0.00	0.00	3.12	8.0	1850
3322	TMN05-09	CJL/GC/JE	14-Dec-05	300.75	303.55	2.80	0.00	0.00	0.00	0.00	2.80	7.7	1851
3323	TMN05-10	EB/GC	21-Dec-05	81.00	84.21	3.21	0.00	0.88	0.00	0.00	2.33	8.0	1852
3324	TMN05-10	EB/GC	21-Dec-05	84.21	88.52	4.31	0.00	0.00	0.00	0.00	4.31	8.0	1854
3325	TMN05-10	EB/GC	21-Dec-05	88.52	91.72	3.20	0.00	0.39	0.00	0.00	2.81	8.0	1855
3326	TMN05-10	EB/GC	21-Dec-05	91.72	95.17	3.45	0.00	0.00	0.00	0.00	3.45	8.0	1856
3327	TMN05-10	EB/GC	21-Dec-05	95.17	98.46	3.29	0.00	0.00	0.00	0.00	3.29	8.0	1853
3328	TMN05-10	EB/GC	21-Dec-05	98.46	101.81	3.35	0.00	0.00	0.00	0.00	3.35	8.0	1857
3329	TMN05-10	EB/GC	21-Dec-05	101.81	105.23	3.42	0.00	0.05	0.00	0.00	3.37	8.0	1858
3330	TMN05-10	EB/GC	21-Dec-05	105.23	109.37	4.14	0.00	0.00	0.56	0.00	3.58	8.0	1859
3331	TMN05-10	EB/GC	21-Dec-05	109.37	112.68	3.31	0.00	0.00	0.00	0.20	3.11	8.0	1860
3332	TMN05-10	EB/GC	21-Dec-05	112.68	116.15	3.47	0.00	0.08	0.00	0.00	3.39	8.0	1861
3333	TMN05-10	CJL/GC	05-Jan-06	116.15	119.22	3.07	0.00	0.00	0.08	0.00	2.99	8.0	1862
3334	TMN05-10	CJL/GC	05-Jan-06	119.22	122.38	3.16	0.00	0.00	0.00	0.00	3.16	8.0	1863
3335	TMN05-10	CJL/GC	05-Jan-06	122.38	125.38	3.00	0.00	0.00	0.00	0.00	3.00	8.0	1864
3336	TMN05-10	CJL/GC	05-Jan-06	125.38	128.87	3.49	0.00	0.00	0.00	0.00	3.49	8.0	1865
3337	TMN05-10	CJL/GC	05-Jan-06	128.87	132.29	3.42	0.00	0.00	0.00	0.00	3.42	8.0	1866
3338	TMN05-10	CJL/GC	05-Jan-06	132.29	135.55	3.26	0.09	0.00	0.00	0.00	3.17	8.0	1867
3339	TMN05-10	CJL/GC	05-Jan-06	135.55	139.27	3.72	0.21	0.00	0.00	0.00	3.51	8.0	1868
3340	TMN05-10	CJL/GC	05-Jan-06	139.27	142.74	3.47	0.00	0.00	0.00	0.32	3.15	8.0	1869
3341	TMN05-10	CJL/GC	05-Jan-06	142.74	146.05	3.31	0.16	0.00	0.00	0.00	3.15	8.0	1870
3342	TMN05-10	CJL/GC	05-Jan-06	146.05	149.18	3.13	0.00	0.00	0.00	0.00	3.13	8.0	1871
3343	TMN05-10	CJL/GC	05-Jan-06	149.18	152.19	3.01	0.00	0.00	0.00	0.00	3.01	8.0	1872
3344	TMN05-10	CJL	06-Jan-06	152.19	155.66	3.47	0.00	0.00	0.00	0.00	3.47	8.0	1873
3345	TMN05-10	CJL	06-Jan-06	155.66	159.15	3.49	0.00	0.00	0.00	0.00	3.49	8.0	1875
3346	TMN05-10	CJL	06-Jan-06	159.15	162.70	3.55	0.00	0.00	0.00	0.00	3.55	8.0	1876
3347	TMN05-10	CJL	06-Jan-06	162.70	166.00	3.30	0.00	0.00	0.00	0.00	3.30	8.0	1877
3348	TMN05-10	CJL	06-Jan-06	166.00	169.83	3.83	0.00	0.00	0.00	0.00	3.83	8.0	1882
3349	TMN05-10	CJL	07-Jan-06	169.83	173.79	3.96	0.00	0.00	0.00	0.45	3.51	8.0	1884
3350	TMN05-10	CJL	07-Jan-06	173.79	177.90	4.11	0.31	0.43	0.00	0.00	3.37	8.0	1887
3351	TMN05-10	CJL	07-Jan-06	177.90	185.60	7.70	0.00	4.30	0.00	0.00	3.40	8.0	1890
3352	TMN05-10	CJL	07-Jan-06	185.60	189.64	4.04	0.16	0.00	0.00	0.00	3.88	8.0	1891
3353	TMN05-10	CJL	07-Jan-06	189.64	193.09	3.45	0.00	0.00	0.00	0.00	3.45	8.0	1892
3354	TMN05-10	CJL	07-Jan-06	193.09	196.82	3.73	0.00	0.00	0.00	0.00	3.73	8.0	1893
3355	TMN05-10	CJL/JE	08-Jan-06	196.82	201.20	4.38	0.11	0.00	0.00	0.46	3.81	8.0	1894
3356	TMN05-10	CJL/JE	08-Jan-06	201.20	204.79	3.59	0.00	0.00	0.00	0.00	3.59	8.0	1895
3357	TMN05-10	CJL/JE	08-Jan-06	204.79	208.13	3.34	0.00	0.00	0.00	0.00	3.34	8.0	1896
3358	TMN05-10	CJL/JE	08-Jan-06	208.13	211.60	3.47	0.00	0.00	0.00	0.00	3.47	8.0	1897
3359	TMN05-10	CJL/JE	08-Jan-06	211.60	214.86	3.26	0.00	0.00	0.00	0.00	3.26	8.0	1898
3360	TMN05-10	CJL/JE	08-Jan-06	214.86	218.30	3.44	0.00	0.05	0.00	0.00	3.39	8.0	1899
3361	TMN05-10	CJL/JE	08-Jan-06	218.30	221.61	3.31	0.00	0.00	0.00	0.00	3.31	8.0	1900
3362	TMN05-10	CJL/JE	08-Jan-06	221.61	225.00	3.39	0.00	0.00	0.00	0.00	3.39	8.0	1901
3363	TMN05-10	CJL/JE	08-Jan-06	225.00	228.70	3.70	0.00	0.00	0.00	0.00	3.70	8.0	1902
3364	TMN05-10	CJL/JE	08-Jan-06	228.70	232.14	3.44	0.00	0.00	0.00	0.00	3.44	8.0	1903
3365	TMN05-10	CJL/JE	08-Jan-06	232.14	236.05	3.91	0.00	0.04	0.00	0.32	3.55	8.0	1904
3366	TMN05-10	CJL/JE	08-Jan-06	236.05	239.75	3.70	0.00	0.00	0.00	0.00	3.70	8.0	1905
3367	TMN05-10	CJL/JE	08-Jan-06	239.75	243.20	3.45	0.00	0.00	0.00	0.00	3.45	8.0	1906
3368	TMN05-10	CJL/JE	08-Jan-06	243.20	246.41	3.21	0.00	0.00	0.00	0.00	3.21	8.0	1907
3369	TMN05-10	CJL/JE	08-Jan-06	246.41	249.70	3.29	0.00	0.00	0.00	0.00	3.29	8.0	1908
3370	TMN05-10	CJL/JE	08-Jan-06	249.70	253.18	3.48	0.10	0.00	0.00	0.00	3.38	8.0	1909
3371	TMN05-10	CJL/JE	08-Jan-06	253.18	256.51	3.33	0.06	0.00	0.00	0.00	3.27	8.0	1910

Lapointe Kimberlite Sampling for Caustic Fusion

Sample Number	Drill Hole Number	Collector	Date	Depth (metres) from	Depth (metres) to	Total length	Less granite xenoliths	Less limestone/dolomite xenoliths	Less sedimentary/volcanic xenoliths	Less cave or sand or Geotech sample	Sample Length	Weight in kg	Seal Number
3372	TMN05-10	CJL/JE	09-Jan-06	256.51	281.67	25.16	0.00	21.99	0.00	0.35	2.82	8.0	1911
3373	TMN05-10	CJL/JE	10-Jan-06	281.67	286.37	4.70	0.00	1.16	0.00	0.00	3.54	8.0	1912
3374	TMN05-10	CJL/JE	10-Jan-06	286.37	292.48	6.11	0.00	2.25	0.00	0.43	3.43	8.0	1913
3375	TMN05-10	CJL/JE	10-Jan-06	292.48	296.95	4.47	0.00	0.90	0.00	0.00	3.57	8.0	1914
3376	TMN05-10	CJL/JE	10-Jan-06	296.95	303.30	6.35	0.00	2.88	0.00	0.00	3.47	8.0	1915
3377	TMN05-10	CJL/JE	10-Jan-06	303.30	308.96	5.66	0.00	0.65	0.00	0.87	4.14	8.0	1916
3378	TMN05-10	CJL/JE	11-Jan-06	308.96	312.52	3.56	0.12	0.25	0.00	0.00	3.19	8.0	1917
3379	TMN05-10	CJL/JE	11-Jan-06	312.52	316.35	3.83	0.10	0.20	0.00	0.00	3.53	8.0	1918
3380	TMN05-10	CJL/JE	11-Jan-06	316.35	320.55	4.20	0.12	0.54	0.00	0.00	3.54	8.0	1919
3381	TMN05-10	CJL/JE	11-Jan-06	320.55	323.94	3.39	0.00	0.00	0.00	0.00	3.39	8.0	1920
3382	TMN05-10	CJL/JE	11-Jan-06	323.94	332.96	9.02	0.00	6.06	0.00	0.00	2.96	8.0	1921
3383	TMN05-10	CJL/JE	12-Jan-06	332.96	342.17	9.21	0.00	0.04	5.64	0.35	3.18	8.0	1922
3384	TMN05-10	CJL/JE	12-Jan-06	342.17	347.29	5.12	0.00	0.08	1.70	0.00	3.34	8.0	1923
3385	TMN05-10	CJL/JE	12-Jan-06	347.29	357.10	9.81	0.00	0.18	6.56	0.00	3.07	8.0	1924
3386	TMN05-10	CJL/JE	12-Jan-06	357.10	360.64	3.54	0.00	0.00	0.00	0.30	3.24	8.0	1925
3387	TMN05-10	CJL/JE	12-Jan-06	360.64	364.25	3.61	0.00	0.00	0.00	0.40	3.21	8.0	1926
3388	TMN05-10	CJL/JE	12-Jan-06	364.25	370.30	6.05	0.27	0.00	2.58	0.00	3.20	8.0	1927
3389	TMN05-10	CJL/JE	12-Jan-06	370.30	378.30	8.00	0.00	3.84	0.00	0.36	3.80	8.0	1928
3390	TMN05-10	CJL/JE	12-Jan-06	378.30	382.84	4.54	0.41	0.28	0.00	0.00	3.85	8.0	1929
3391	TMN05-10	CJL/JE	12-Jan-06	382.84	387.17	4.33	0.49	0.05	0.00	0.48	3.31	8.0	1930
3392	TMN05-10	CJL/JE	12-Jan-06	387.17	393.00	5.83	0.09	0.00	0.00	0.00	5.74	6.8	1931
3420	TMN05-10	CJL	09-Feb-06	364.25	370.30						3.2	7.3	1959
3421	TMN05-10	CJL	09-Feb-06	370.30	378.30						3.8	8	1960
3422	TMN05-10	CJL	09-Feb-06	378.30	382.84						3.85	7.7	1961
3423	TMN05-10	CJL	09-Feb-06	382.84	387.17						3.31	8	1962
3424	TMN05-10	CJL	09-Feb-06	387.17	393.00						5.74	5.5	1963
3393	TMN05-11	CJL/JE	20-Jan-05	84.00	88.63	4.63	0.00	0.18	0.00	0.00	4.45	8.0	1932
3394	TMN05-11	CJL/JE	20-Jan-05	88.63	93.98	5.35	0.00	0.00	1.25	0.42	3.68	8.0	1933
3395	TMN05-11	CJL/JE	20-Jan-05	93.98	97.56	3.58	0.00	0.00	0.00	0.00	3.58	8.0	1934
3396	TMN05-11	CJL/JE	20-Jan-05	97.56	101.38	3.82	0.00	0.00	0.00	0.00	3.82	8.0	1935
3397	TMN05-11	CJL/JE	20-Jan-05	101.38	104.89	3.51	0.00	0.00	0.00	0.00	3.51	8.0	1936
3398	TMN05-11	CJL/JE	20-Jan-05	104.89	108.79	3.90	0.00	0.00	0.00	0.00	3.90	8.0	1937
3399	TMN05-11	CJL/JE	20-Jan-05	108.79	112.50	3.71	0.00	0.00	0.00	0.00	3.71	8.0	1938
3400	TMN05-11	CJL/JE	20-Jan-05	112.50	116.19	3.69	0.00	0.00	0.00	0.00	3.69	8.0	1939
3401	TMN05-11	CJL/JE	20-Jan-05	116.19	121.15	4.96	0.34	0.59	0.00	0.00	4.03	8.0	1940
3402	TMN05-11	CJL/JE	20-Jan-05	121.15	126.00	4.85	0.26	0.33	0.00	0.00	4.26	8.0	1941
3403	TMN05-11	CJL/JE	21-Jan-05	126.00	135.97	9.97	5.05	0.00	0.00	0.00	4.92	8.0	1942
3404	TMN05-11	CJL/JE	22-Jan-05	143.10	149.50	6.40	2.29	0.00	0.00	0.00	4.11	8.0	1943
3405	TMN05-11	CJL/JE	22-Jan-05	158.48	161.12	2.64	0.00	0.00	0.00	0.00	2.64	3.2	1944
3406	TMN05-12	CJL/JE	24-Jan-06	78.30	83.00	4.70	0.00	0.59	0.00	0.00	4.11	8.0	1945
3407	TMN05-12	CJL/JE	24-Jan-06	83.00	88.80	5.80	0.00	1.08	0.00	0.00	4.72	8.0	1946
3408	TMN05-12	CJL/JE	24-Jan-06	88.80	93.42	4.62	0.00	0.30	0.00	0.00	4.32	8.0	1947
3409	TMN05-12	CJL/JE	24-Jan-06	93.42	97.58	4.16	0.00	0.00	0.23	0.00	3.93	8.0	1948
3410	TMN05-12	CJL/JE	24-Jan-06	97.58	101.85	4.27	0.00	0.76	0.00	0.00	3.51	8.0	1949
3411	TMN05-12	CJL/JE	24-Jan-06	101.85	105.71	3.86	0.05	0.00	0.00	0.00	3.81	8.0	1950
3412	TMN05-12	CJL/JE	24-Jan-06	105.71	109.50	3.79	0.07	0.00	0.00	0.00	3.72	8.0	1951
3413	TMN05-12	CJL/JE	24-Jan-06	109.50	113.67	4.17	0.41	0.00	0.00	0.00	3.76	8.0	1952
3414	TMN05-12	CJL/JE	24-Jan-06	113.67	117.25	3.58	0.13	0.00	0.00	0.00	3.45	8.0	1953
3415	TMN05-12	CJL/JE	24-Jan-06	117.25	121.28	4.03	0.46	0.00	0.00	0.00	3.57	8.0	1954
3416	TMN05-12	CJL/JE	24-Jan-06	121.28	125.58	4.30	0.47	0.00	0.00	0.00	3.83	8.0	1955
3417	TMN05-12	CJL/JE	24-Jan-06	125.58	129.36	3.78	0.30	0.00	0.00	0.00	3.48	8.0	1956
3418	TMN05-12	CJL/JE	24-Jan-06	129.36	138.52	9.16	5.06	0.00	0.00	0.00	4.10	8.0	1957
3419	TMN05-12	CJL/JE	24-Jan-06	138.52	144.28	5.76	2.03	0.00	0.00	0.00	3.73	7.3	1958
3425	TMN06-15	CJL/JE	24-Feb-06	77.24	85.32	8.08	0.00	0.25	1.54	0.57	5.72	8.0	1964
3426	TMN06-15	CJL/JE	24-Feb-06	85.32	89.88	4.56	0.00	0.00	0.00	0.00	4.56	8.0	1965
3427	TMN06-15	CJL/JE	24-Feb-06	89.88	94.20	4.32	0.00	0.27	0.00	0.00	4.05	8.0	1967
3428	TMN06-15	CJL/JE	24-Feb-06	94.20	99.00	4.80	0.13	0.31	0.10	0.00	4.26	8.0	1966
3429	TMN06-15	CJL/JE	24-Feb-06	99.00	103.20	4.20	0.07	0.07	0.00	0.00	4.06	8.0	1968
3430	TMN06-15	CJL/JE	24-Feb-06	103.20	107.44	4.24	0.00	0.00	0.00	0.00	4.24	8.0	1969
3431	TMN06-15	CJL/JE	24-Feb-06	107.44	112.71	5.27	0.18	0.02	0.12	0.60	4.35	8.0	1970
3432	TMN06-15	CJL/JE	24-Feb-06	112.71	117.79	5.08	0.05	0.65	0.49	0.37	3.52	8.0	1971
3433	TMN06-15	CJL/JE	24-Feb-06	117.79	123.35	5.56	0.00	0.58	0.00	0.00	4.98	8.0	1972
3434	TMN06-15	CJL/JE	24-Feb-06	123.35	128.69	5.34	0.00	0.36	0.00	0.00	4.98	8.0	1973
3435	TMN06-15	CJL/JE	27-Feb-06	128.69	132.89	4.20	0.00	0.00	0.00	0.00	4.20	8.0	1974
3436	TMN06-15	CJL/JE	27-Feb-06	132.89	136.74	3.85	0.00	0.00	0.00	0.00	3.85	8.0	1975

Sampl. Number	Drill Hole Number	Collector	Date	Depth (metres) from	Depth (metres) to	Total length	Less granite xenoliths	Less limestone/dolomite xenoliths	Less sedimentary/volcanic xenoliths	Less cave or sand or Geotech sample	Sample Length	Weight in kg	Seal Number
3437	TMN06-15	CJL/JE	27-Feb-06	136.74	142.73	5.99	0.00	0.57	1.00	0.31	4.11	8.0	1976
3438	TMN06-15	CJL/JE	27-Feb-06	142.73	147.00	4.27	0.00	0.00	0.00	0.00	4.27	8.0	1977
3439	TMN06-15	CJL/JE	27-Feb-06	147.00	150.76	3.76	0.00	0.00	0.00	0.00	3.76	8.0	1978
3440	TMN06-15	CJL/JE	27-Feb-06	150.76	154.36	3.60	0.00	0.00	0.00	0.00	3.60	8.0	1979
3441	TMN06-15	CJL/JE	27-Feb-06	154.36	158.29	3.93	0.00	0.00	0.00	0.00	3.93	8.0	1980
3442	TMN06-15	CJL/JE	27-Feb-06	158.29	162.00	3.71	0.00	0.00	0.00	0.00	3.71	8.0	1981
3443	TMN06-15	CJL/JE	27-Feb-06	162.00	165.90	3.90	0.00	0.00	0.00	0.00	3.90	8.0	1982
3444	TMN06-15	CJL/JE	27-Feb-06	165.90	169.84	3.94	0.00	0.00	0.00	0.00	3.94	8.0	1983
3445	TMN06-15	CJL/JE	27-Feb-06	169.84	173.85	4.01	0.10	0.00	0.00	0.31	3.60	8.0	1984
3446	TMN06-15	CJL/JE	27-Feb-06	173.85	177.96	4.11	0.00	0.00	0.00	0.00	4.11	8.0	1985
3447	TMN06-15	CJL/JE	28-Feb-06	177.96	181.50	3.54	0.00	0.00	0.00	0.00	3.54	8.0	1986
3448	TMN06-15	CJL/JE	28-Feb-06	181.50	185.50	4.00	0.00	0.00	0.00	0.00	4.00	8.0	1987
3449	TMN06-15	CJL/JE	28-Feb-06	185.50	189.34	3.84	0.00	0.00	0.10	0.00	3.74	8.0	1988
3450	TMN06-15	CJL/JE	28-Feb-06	189.34	193.22	3.88	0.05	0.00	0.00	0.00	3.83	8.0	1989
3451	TMN06-15	CJL/JE	28-Feb-06	193.22	197.16	3.94	0.00	0.19	0.00	0.00	3.75	8.0	1990
3452	TMN06-15	CJL/JE	28-Feb-06	197.16	201.00	3.84	0.00	0.00	0.00	0.00	3.84	8.0	1991
3453	TMN06-15	CJL/JE	28-Feb-06	201.00	205.16	4.16	0.00	0.00	0.00	0.40	3.76	8.0	1992
3454	TMN06-15	CJL/JE	28-Feb-06	205.16	208.90	3.74	0.00	0.00	0.00	0.00	3.74	8.0	1993
3455	TMN06-15	CJL/JE	28-Feb-06	208.90	212.64	3.74	0.00	0.00	0.00	0.00	3.74	8.0	1994
3456	TMN06-15	CJL/JE	28-Feb-06	212.64	216.65	4.01	0.07	0.00	0.00	0.00	3.94	8.0	1995
3457	TMN06-15	CJL/JE	28-Feb-06	216.65	220.44	3.79	0.06	0.00	0.00	0.00	3.73	8.0	1996
3458	TMN06-15	CJL/JE	28-Feb-06	220.44	224.35	3.91	0.00	0.00	0.00	0.00	3.91	8.0	1997
3459	TMN06-15	CJL/JE	28-Feb-06	224.35	228.27	3.92	0.07	0.00	0.00	0.00	3.85	8.0	1998
3460	TMN06-15	CJL/JE	28-Feb-06	228.27	232.42	4.15	0.00	0.00	0.00	0.37	3.78	8.0	1999
3461	TMN06-15	CJL/JE	28-Feb-06	232.42	236.12	3.70	0.00	0.00	0.00	0.00	3.70	8.0	2000
3462	TMN06-15	CJL/JE	01-Mar-06	236.12	239.84	3.72	0.16	0.00	0.00	0.00	3.56	8.0	1610
3463	TMN06-15	CJL/JE	01-Mar-06	239.84	243.00	3.16	0.00	0.00	0.00	1.12	2.04	3.6	1611
						0.00					0.00		
3464	TMN06-16	CJL/JE	01-Mar-06	85.83	91.67	5.84	0.19	0.33	0.00	0.00	5.32	8.0	1612
3465	TMN06-16	EB/JE	02-Mar-06	91.67	100.19	8.52	0.13	1.97	0.00	0.30	6.12	8.0	1614
3466	TMN06-16	EB/JE	02-Mar-06	100.19	104.50	4.31	0.00	0.35	0.00	0.33	3.63	6.3	1615
						0.00					0.00		
3467	TMN06-18	CJL/JE	24-Mar-06	72.44	79.19	6.75	0.00	0.09	0.00	2.91	3.75	8.0	1616
3468	TMN06-18	CJL/JE	24-Mar-06	79.19	85.80	6.61	0.00	0.00	0.00	3.21	3.40	8.0	1617
3469	TMN06-18	CJL/JE	24-Mar-06	85.80	89.97	4.17	0.55	0.00	0.00	0.00	3.62	8.0	1618
3470	TMN06-18	CJL/JE	24-Mar-06	89.97	94.05	4.08	0.00	0.00	0.00	0.00	4.08	8.0	1613
3471	TMN06-18	CJL/JE	24-Mar-06	94.05	98.12	4.07	0.00	0.00	0.00	0.00	4.07	8.0	1619
3472	TMN06-18	CJL/JE	24-Mar-06	98.12	102.40	4.28	0.00	0.00	0.00	0.00	4.28	8.0	1620
3473	TMN06-18	CJL/JE	24-Mar-06	102.40	108.13	5.73	0.00	0.00	0.00	1.00	4.73	8.0	1622
3474	TMN06-18	CJL/JE	24-Mar-06	108.13	114.81	6.68	0.00	0.00	0.00	1.90	4.78	8.0	1623
3475	TMN06-18	CJL/JE	24-Mar-06	114.81	119.80	4.99	0.00	0.00	0.00	0.00	4.99	8.0	1624
3476	TMN06-18	CJL/JE	24-Mar-06	119.80	126.49	6.69	1.76	0.00	0.00	0.32	4.61	8.0	1625
3477	TMN06-18	CJL/JE	24-Mar-06	126.49	136.60	10.11	0.00	0.00	0.00	6.58	3.53	8.0	1626
3478	TMN06-18	CJL/JE	24-Mar-06	136.60	139.83	3.23	0.00	0.00	0.00	0.00	3.23	7.7	1627
3479	TMN06-18	CJL	02-Apr-06	76.35	77.69	1.34					1.34	4.1	1628
3480	TMN06-20	EB/JE	29-May-06	251.02	253.25	2.23	0.00	0.00	0.00	0.00	2.23	8.0	1629
3481	TMN06-20	EB/JE	29-May-06	253.25	255.39	2.14	0.00	0.00	0.00	0.00	2.14	8.0	1630
3482	TMN06-20	EB/JE	29-May-06	255.39	262.74	7.35	0.00	5.25	0.00	0.00	2.10	8.0	1631
3483	TMN06-20	EB/JE	29-May-06	262.74	264.65	1.91	0.00	0.06	0.00	0.00	1.85	8.0	1632
3484	TMN06-20	EB/JE	29-May-06	264.65	266.75	2.10	0.00	0.29	0.00	0.00	1.81	8.1	1633
3485	TMN06-20	EB/JE	29-May-06	290.47	293.00	2.53	0.12	0.00	0.00	0.50	1.91	8.0	1634
3486	TMN06-20	EB/JE	29-May-06	293.00	295.03	2.03	0.00	0.00	0.00	0.00	2.03	8.0	1635
3487	TMN06-20	EB/JE	29-May-06	295.03	297.00	1.97	0.00	0.00	0.00	0.00	1.97	8.0	1636
3488	TMN06-20	EB/JE	29-May-06	297.00	299.15	2.15	0.25	0.00	0.00	0.00	1.90	8.0	1637
3489	TMN06-20	EB/JE	29-May-06	299.15	301.25	2.10	0.30	0.00	0.00	0.00	1.80	8.0	1638
3490	TMN06-20	EB/JE	30-May-06	301.25	303.25	2.00	0.00	0.00	0.00	0.00	2.00	8.0	1639
3491	TMN06-20	EB/JE	30-May-06	303.25	305.82	2.57	0.19	0.09	0.00	0.00	2.29	8.0	1640
3492	TMN06-20	EB/JE	30-May-06	305.82	307.85	2.03	0.00	0.00	0.00	0.00	2.03	8.0	1641
3493	TMN06-20	EB/JE	30-May-06	307.85	310.11	2.26	0.00	0.17	0.00	0.00	2.09	8.0	1642
3494	TMN06-20	EB/JE	30-May-06	310.11	311.31	1.20	0.00	0.00	0.00	0.00	1.20	5.9	1643
3495	TMN06-20	EB/JE	30-May-06	335.74	337.64	1.90	0.00	0.00	0.00	0.00	1.90	8.0	1644
3496	TMN06-20	EB/JE	30-May-06	337.64	339.47	1.83	0.00	0.00	0.00	0.00	1.83	8.0	1645
3497	TMN06-20	EB/JE	30-May-06	339.47	341.11	1.64	0.00	0.00	0.00	0.00	1.64	8.0	1646
3498	TMN06-20	EB/JE	30-May-06	341.11	342.95	1.84	0.08	0.00	0.00	0.00	1.76	8.0	1647
3499	TMN06-20	EB/JE	30-May-06	342.95	345.16	2.21	0.23	0.00	0.00	0.00	1.98	8.0	1648
3500	TMN06-20	EB/JE	30-May-06	345.16	347.25	2.09	0.39	0.00	0.00	0.00	1.70	8.0	1649
3501	TMN06-20	EB/JE	31-May-06	347.25	349.46	2.21	0.21	0.00	0.00	0.00	2.00	8.0	1650
3502	TMN06-20	EB/JE	31-May-06	349.46	352.19	2.73	0.42	0.00	0.00	0.44	1.87	8.0	1652
3503	TMN06-20	EB/JE	31-May-06	352.19	354.36	2.17	0.09	0.00	0.00	0.00	2.08	8.0	1653
3504	TMN06-20	EB/JE	31-May-06	354.36	355.62	1.26	0.00	0.00	0.00	0.00	1.26	5.0	1654

Lapointe Kimberlite Sampling for Caustic Fusion

Sample Number	Drill Hole Number	Collector	Date	Depth (metres) from	Depth (metres) to	Total length	Less granite xenoliths	Less limestone/dolomite xenoliths	Less sedimentary/volcanic xenoliths	Less cave or sand or Geotech sample	Sample Length	Weight in kg	Seal Number
3505	TMN06-19	JE/Josee	06-Jun-06	78.30	81.13	2.83	0.00	0.00	0.00	0.00	2.83	8.0	1655
3506	TMN06-19	JE/Josee	06-Jun-06	81.13	84.40	3.27	0.00	0.90	0.00	0.00	2.37	8.0	1656
3507	TMN06-19	JE/Josee	06-Jun-06	84.40	87.04	2.64	0.00	0.00	0.00	0.27	2.37	8.0	1657
3508	TMN06-19	JE/Josee	06-Jun-06	87.04	89.35	2.31	0.00	0.04	0.00	0.00	2.27	8.0	1660
3509	TMN06-19	JE/Josee	06-Jun-06	89.35	91.83	2.48	0.00	0.00	0.00	0.00	2.48	8.0	1661
3510	TMN06-19	JE/Josee	06-Jun-06	91.83	94.18	2.35	0.00	0.00	0.00	0.00	2.35	8.0	1663
3511	TMN06-19	JE/Josee	06-Jun-06	94.18	96.57	2.39	0.00	0.00	0.00	0.00	2.39	8.0	1664
3512	TMN06-19	JE/Josee	06-Jun-06	96.57	98.82	2.25	0.00	0.00	0.00	0.00	2.25	8.0	1658
3513	TMN06-19	JE/Josee	06-Jun-06	98.82	101.13	2.31	0.00	0.00	0.00	0.00	2.31	8.0	1685
3514	TMN06-19	JE/Josee	06-Jun-06	101.13	103.33	2.20	0.00	0.06	0.00	0.00	2.14	8.0	1665
3515	TMN06-19	JE/Josee	07-Jun-06	103.33	105.90	2.57	0.16	0.00	0.00	0.19	2.22	8.0	1666
3516	TMN06-19	JE/Josee	07-Jun-06	105.90	108.40	2.50	0.00	0.00	0.00	0.00	2.50	8.0	1667
3517	TMN06-19	JE/Josee	07-Jun-06	108.40	111.00	2.60	0.00	0.00	0.00	0.00	2.60	8.0	1668
3518	TMN06-19	JE/Josee	07-Jun-06	111.00	113.80	2.80	0.11	0.05	0.00	0.35	2.29	8.0	1669
3519	TMN06-19	JE/Josee	07-Jun-06	113.80	116.76	2.96	0.27	0.00	0.00	0.00	2.69	8.0	1670
3520	TMN06-19	JE/Josee	07-Jun-06	116.76	119.29	2.53	0.00	0.12	0.32	0.00	2.09	8.0	1651
3521	TMN06-19	JE/Josee	07-Jun-06	119.29	121.55	2.26	0.00	0.24	0.00	0.00	2.02	8.0	1662
3522	TMN06-19	JE/Josee	07-Jun-06	121.55	125.28	3.73	0.20	0.74	0.00	0.00	2.79	8.0	1672
3523	TMN06-19	JE/Josee	07-Jun-06	125.28	127.65	2.37	0.19	0.00	0.00	0.00	2.18	8.0	1671
3524	TMN06-19	JE/Josee	07-Jun-06	127.65	131.36	3.71	0.18	1.19	0.00	0.00	2.34	8.0	1673
3525	TMN06-19	JE/Josee	08-Jun-06	131.36	133.75	2.39	0.00	0.00	0.00	0.00	2.39	8.0	1674
3526	TMN06-19	JE/Josee	08-Jun-06	133.75	135.70	1.95	0.00	0.00	0.00	0.00	1.95	8.0	1675
3527	TMN06-19	JE/Josee	08-Jun-06	135.70	139.56	3.86	0.40	1.22	0.00	0.00	2.24	8.0	1676
3528	TMN06-19	JE/Josee	08-Jun-06	139.56	143.08	3.52	0.93	0.39	0.00	0.00	2.20	8.0	1677
3529	TMN06-19	JE/Josee	08-Jun-06	143.08	147.12	4.04	0.38	0.00	0.00	0.80	2.86	8.0	1678
3530	TMN06-19	JE/Josee	08-Jun-06	147.12	150.96	3.84	1.65	0.00	0.00	0.00	2.19	8.0	1679
3531	TMN06-19	JE/Josee	08-Jun-06	150.96	154.77	3.81	0.46	0.00	0.00	0.29	3.06	8.0	1680
3532	TMN06-19	JE/Josee	08-Jun-06	154.77	157.70	2.93	0.19	0.00	0.00	0.00	2.74	8.0	1681
3533	TMN06-19	JE/Josee	08-Jun-06	157.70	160.77	3.07	0.48	0.00	0.00	0.00	2.59	8.0	1682
3534	TMN06-19	JE/Josee	08-Jun-06	160.77	167.86	7.09	4.07	0.15	0.00	0.00	2.87	8.0	1683
3535	TMN06-19	JE/Josee	09-Jun-06	167.86	170.75	2.89	0.13	0.00	1.10	0.00	1.66	8.0	1686
3536	TMN06-19	JE/Josee	09-Jun-06	170.75	176.81	6.06	0.00	4.08	0.00	0.00	1.98	8.0	1687
3537	TMN06-19	JE/Josee	09-Jun-06	176.81	178.77	1.96	0.03	0.00	0.00	0.00	1.93	8.0	1466
3538	TMN06-19	JE/Josee	09-Jun-06	178.77	181.18	2.41	0.06	0.00	0.00	0.00	2.35	8.0	1689
3539	TMN06-19	JE/Josee	09-Jun-06	181.18	183.16	1.98	0.00	0.00	0.00	0.00	1.98	8.0	1467
3540	TMN06-19	JE/Josee	09-Jun-06	183.16	185.22	2.06	0.00	0.00	0.00	0.00	2.06	8.0	1691
3541	TMN06-19	JE/Josee	09-Jun-06	185.22	196.93	11.71	0.00	9.39	0.00	0.34	1.98	8.0	1692
3542	TMN06-19	JE/Josee	09-Jun-06	196.93	199.45	2.52	0.13	0.24	0.00	0.00	2.15	8.0	1694
3543	TMN06-19	JE/Josee	09-Jun-06	199.45	201.79	2.34	0.07	0.19	0.00	0.00	2.08	8.0	1690
3544	TMN06-19	JE/Josee	09-Jun-06	201.79	204.20	2.41	0.00	0.09	0.00	0.00	2.32	8.0	1693
3545	TMN06-19	JE/Josee	09-Jun-06	204.20	207.00	2.80	0.00	0.49	0.00	0.00	2.31	8.0	1695
3546	TMN06-19	JE/Josee	09-Jun-06	207.00	209.46	2.46	0.27	0.00	0.00	0.00	2.19	8.0	1696
3547	TMN06-19	JE/Josee	09-Jun-06	209.46	211.71	2.25	0.00	0.00	0.00	0.00	2.25	8.0	1697
3548	TMN06-19	JE/Josee	09-Jun-06	211.71	214.58	2.87	0.00	0.00	0.00	0.36	2.51	6.4	1698

# SRC Geoanalytical Laboratories

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Mar 16, 2006

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2.41496

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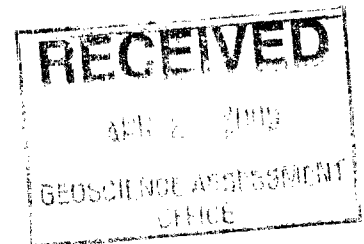
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Reviewed by: \_\_\_\_\_

  
Mike McCubbing  
Associate Research Geologist



**Caustic Fusion Diamond Report**

**Tres Or**

Attention: Laura Lee Duffett

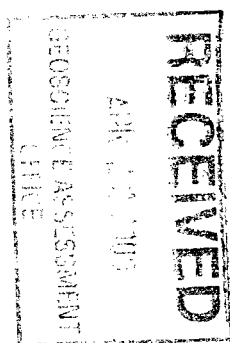
PO #/Project:

Samples: 10

March 16, 2006

- 1) Original Sample Weight in kilograms (SWT)
- 2) Bottom Sieve Size in microns (Sieve)
- 3) Diamonds > 500 microns (Macro)
- 4) Diamonds < 500 microns (Micro)
- 5) Weight of Diamonds > 500 microns in milligrams (Wt+)
- 6) Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)
- 7) Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)
- 8) Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)
- 9) Number of synthetic diamonds recovered (whole and fragments) (SYN)

Sample #	SWT	Sieve	Macro	Micro	Wt+	Wt-	QC 1	QC 2	SYN
3425	7.80	106	0	0	0	0	10/10	10/10	7
3426	8.00	106	0	0	0	0	10/10	10/10	0
3427	8.00	106	0	0	0	0	10/10	10/10	9
3428	7.90	106	0	0	0	0	10/10	10/10	1
3429	8.00	106	0	0	0	0	10/10	10/10	0
3430	8.20	106	0	0	0	0	10/10	10/10	4
3431	8.00	106	0	0	0	0	10/10	9/10	2
3432	7.85	106	0	0	0	0	10/10	10/10	1
3433	7.85	106	0	0	0	0	10/10	10/10	0
3434	8.00	106	0	0	0	0	10/10	10/10	0



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Reviewed by: \_\_\_\_\_



Mike McCubbing  
Associate Research Geologist



**Caustic Fusion Diamond Report**

**Tres Or**

Attention: Laura Lee Duffett

PO #/Project:

Samples: 10

March 21, 2006

- 1) Original Sample Weight in kilograms (SWT)
- 2) Bottom Sieve Size in microns (Sieve)
- 3) Diamonds > 500 microns (Macro)
- 4) Diamonds < 500 microns (Micro)
- 5) Weight of Diamonds > 500 microns in milligrams (Wt+)
- 6) Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)
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- 8) Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)
- 9) Number of synthetic diamonds recovered (whole and fragments) (SYN)

Sample #	SWT	Sieve	Macro	Micro	Wt+	Wt-	QC 1	QC 2	SYN
3435	8.05	106	0	0	0	0	10/10	10/10	0
3436	7.90	106	0	0	0	0	10/10	10/10	9
3437	8.05	106	0	0	0	0	10/10	10/10	0
3438	8.05	106	0	0	0	0	9/10	10/10	0
3439	8.05	106	0	0	0	0	9/10	10/10	0
3440	7.90	106	0	0	0	0	10/10	10/10	0
3441	8.05	106	0	0	0	0	10/10	10/10	0
3442	8.10	106	0	0	0	0	10/10	10/10	0
3443	8.10	106	0	0	0	0	10/10	10/10	0
3444	8.05	106	0	0	0	0	10/10	10/10	0

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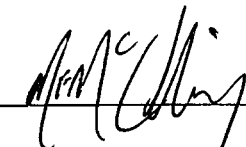
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Reviewed by: \_\_\_\_\_



Mike McCubbing  
Associate Research Geologist

**Caustic Fusion Diamond Report**

**Tres Or**

Attention: Laura Lee Duffett

PO #/Project:

Samples: 10

March 21, 2006

- 1) Original Sample Weight in kilograms (SWT)
- 2) Bottom Sieve Size in microns (Sieve)
- 3) Diamonds > 500 microns (Macro)
- 4) Diamonds < 500 microns (Micro)
- 5) Weight of Diamonds > 500 microns in milligrams (Wt+)
- 6) Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)
- 7) Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)
- 8) Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)
- 9) Number of synthetic diamonds recovered (whole and fragments) (SYN)

Sample #	SWT	Sieve	Macro	Micro	Wt+	Wt-	QC 1	QC 2	SYN
3445	7.90	106	0	0	0	0	10/10	10/10	0
3446	8.05	106	0	0	0	0	10/10	10/10	0
3447	7.90	106	0	0	0	0	10/10	10/10	0
3448	8.20	106	0	0	0	0	10/10	10/10	0
3449	7.95	106	0	0	0	0	10/10	10/10	0
3450	8.20	106	0	0	0	0	10/10	10/10	0
3451	7.95	106	0	0	0	0	10/10	10/10	0
3452	8.05	106	0	0	0	0	10/10	10/10	0
3453	8.15	106	0	0	0	0	10/10	10/10	0
3454	8.00	106	0	0	0	0	10/10	10/10	0

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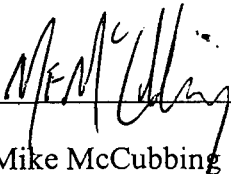
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Reviewed by: \_\_\_\_\_



Mike McCubbing  
Associate Research Geologist

**Caustic Fusion Diamond Report**

**Tres Or**

March 21, 2006

Attention: Laura Lee Duffett

PO #/Project:

Samples: 12

- 1) Original Sample Weight in kilograms (SWT)
- 2) Bottom Sieve Size in microns (Sieve)
- 3) Diamonds > 500 microns (Macro)
- 4) Diamonds < 500 microns (Micro)
- 5) Weight of Diamonds > 500 microns in milligrams (Wt+)
- 6) Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)
- 7) Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)
- 8) Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)
- 9) Number of synthetic diamonds recovered (whole and fragments) (SYN)

Sample #	SWT	Sieve	Macro	Micro	Wt+	Wt-	QC 1	QC 2	SYN
3455	8.10	106	0	0	0	0	10/10	10/10	0
3456	8.10	106	0	0	0	0	10/10	10/10	0
3457	7.90	106	0	0	0	0	10/10	10/10	0
3458	8.20	106	0	0	0	0	10/10	10/10	0
3459	8.20	106	0	0	0	0	10/10	10/10	0
3460	8.05	106	0	0	0	0	10/10	10/10	0
3461	7.80	106	0	0	0	0	10/10	10/10	0
3462	7.85	106	0	0	0	0	10/10	10/10	1
3463	3.60	106	0	0	0	0	10/10	10/10	0
3464	8.10	106	0	0	0	0	10/10	10/10	1
3465	8.05	106	0	0	0	0	10/10	10/10	1
3466	6.05	106	0	0	0	0	9/10	9/10	0

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Reviewed by: \_\_\_\_\_



Mike McCubbing  
Associate Research Geologist

**Caustic Fusion Diamond Report**

**Tres Or**

Attention: Laura Lee Duffett

PO #/Project:

Samples: 10

January 4, 2006

- 1) Original Sample Weight in kilograms (SWT)
- 2) Bottom Sieve Size in microns (Sieve)
- 3) Diamonds > 500 microns (Macro)
- 4) Diamonds < 500 microns (Micro)
- 5) Weight of Diamonds > 500 microns in milligrams (Wt+)
- 6) Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)
- 7) Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)
- 8) Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)
- 9) Number of synthetic diamonds recovered (whole and fragments) (SYN)

Sample #	SWT	Sieve	Macro	Micro	Wt+	Wt-	QC 1	QC 2	SYN
3243	7.85	106	0	0	0	0	10/10	10/10	0
3244	5.45	106	0	0	0	0	10/10	10/10	0
3245	7.80	106	0	0	0	0	10/10	10/10	0
3246	7.95	106	0	0	0	0	10/10	10/10	0
3247	7.75	106	0	0	0	0	10/10	10/10	1
3248	7.80	106	0	0	0	0	10/10	10/10	0
3249	8.20	106	0	0	0	0	10/10	10/10	0
3250	7.85	106	0	0	0	0	10/10	10/10	1
3251	7.35	106	0	0	0	0	10/10	10/10	0
3252	8.00	106	0	0	0	0	10/10	10/10	0

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Reviewed by: \_\_\_\_\_



Mike McCubbing  
Associate Research Geologist



**Caustic Fusion Diamond Report**

**Tres Or**

January 9, 2006

Attention: Laura Lee Duffett

PO #/Project:

Samples: 33

- 1) Original Sample Weight in kilograms (SWT)
- 2) Bottom Sieve Size in microns (Sieve)
- 3) Diamonds > 500 microns (Macro)
- 4) Diamonds < 500 microns (Micro)
- 5) Weight of Diamonds > 500 microns in milligrams (Wt+)
- 6) Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)
- 7) Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)
- 8) Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)
- 9) Number of synthetic diamonds recovered (whole and fragments) (SYN)

Sample #	SWT	Sieve	Macro	Micro	Wt+	Wt-	QC 1	QC 2	SYN
3253	7.90	106	0	0	0	0	10/10	10/10	0
3254	7.90	106	0	0	0	0	10/10	10/10	0
3255	8.40	106	0	0	0	0	9/10	10/10	0
3256	7.85	106	0	0	0	0	10/10	10/10	0
3257	7.75	106	0	0	0	0	10/10	10/10	0
3258	7.90	106	0	1	0	0.019	10/10	10/10	0
3259	7.95	106	0	0	0	0	10/10	10/10	0
3260	7.85	106	0	0	0	0	10/10	10/10	0
3261	8.00	106	0	0	0	0	10/10	10/10	0
3262	2.45	106	0	0	0	0	10/10	10/10	0
3263	7.90	106	0	0	0	0	10/10	10/10	2
3264	8.45	106	0	1	0	0.005	10/10	10/10	0
3265	8.00	106	0	0	0	0	10/10	10/10	0
3266	8.00	106	0	0	0	0	10/10	10/10	0
3267	7.75	106	0	0	0	0	10/10	10/10	0
3268	8.10	106	0	0	0	0	10/10	10/10	0
3269	8.00	106	0	0	0	0	10/10	10/10	0
3270	8.00	106	0	0	0	0	10/10	10/10	0
3271	8.10	106	0	0	0	0	10/10	10/10	0
3272	7.80	106	0	0	0	0	10/10	10/10	0
3273	8.05	106	0	0	0	0	10/10	10/10	0
3274	8.20	106	0	0	0	0	10/10	10/10	0
3275	7.90	106	0	0	0	0	10/10	10/10	0
3276	8.55	106	0	0	0	0	10/10	10/10	0
3277	7.95	106	0	0	0	0	10/10	10/10	0

**Caustic Fusion Diamond Report**

Tres Or

Attention: Laura Lee Duffett

PO #/Project:

Samples: 33

January 9, 2006

Sample #	SWT	Sieve	Macro	Micro	Wt+	Wt-	QC 1	QC 2	SYN
3278	8.35	106	0	0	0	0	10/10	10/10	0
3279	7.95	106	0	0	0	0	10/10	10/10	0
3280	8.10	106	0	0	0	0	10/10	10/10	0
3281	8.00	106	0	0	0	0	10/10	10/10	0
3282	8.05	106	0	0	0	0	10/10	10/10	0
3283	7.90	106	0	0	0	0	10/10	10/10	0
3284	7.60	106	0	0	0	0	10/10	10/10	0
3285	7.90	106	0	0	0	0	10/10	10/10	0

Total carats in this group is: 0.00012

**Caustic Fusion Diamond Description Detail**

Tres Or  
 Attention: Laura Lee Duffett  
 PO #/Project:

January 9, 2006

**Sample Number: 3258**

Original Sample Weight in kilograms (SWT)	<b>7.90</b>
Bottom Sieve Size in microns (Sieve)	<b>106</b>
Diamonds > 500 microns (Macro)	<b>0</b>
Diamonds < 500 microns (Micro)	<b>1</b>
Weight of Diamonds > 500 microns in milligrams (Wt+)	<b>0</b>
Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)	<b>0.019</b>
Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)	<b>10/10</b>
Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)	<b>10/10</b>
Number of synthetic diamonds recovered (whole and fragments) (SYN)	<b>0</b>

Fraction Size	Diamond Count	Diamond Length mm	Width mm	Height mm	Individual	Total Diamond	Diamond Description
					Diamond Weight mg	Weight in Fractions mg	
+ 150	1	0.32	0.22	0.18	0.019	0.019	White, frosted, octahedron.

Total octacarats in this sample is: 9,500.00

**Caustic Fusion Diamond Description Detail**

Tres Or  
 Attention: Laura Lee Duffett  
 PO #/Project:

January 11, 2006

**Sample Number: 3264**

Original Sample Weight in kilograms (SWT)	8.45
Bottom Sieve Size in microns (Sieve)	106
Diamonds > 500 microns (Macro)	0
Diamonds < 500 microns (Micro)	1
Weight of Diamonds > 500 microns in milligrams (Wt+)	0
Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)	0.005
Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)	10/10
Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)	10/10
Number of synthetic diamonds recovered (whole and fragments) (SYN)	0

Fraction Size	Diamond Length	Width	Height	Individual Diamond Weight	Total Diamond Weight in Fractions	Diamond Description	
Microns	Count	mm	mm	mg	mg		
+ 106	1	0.28	0.20	0.10	0.005	0.005	Colorless, frosted, fragment, lamination.

Total octacarats in this sample is: 2,500.00

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Jan 24, 2006

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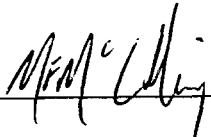
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Reviewed by: \_\_\_\_\_



Mike McCubbing  
Associate Research Geologist

**Caustic Fusion Diamond Report**

**Tres Or**

January 24, 2006

Attention: Laura Lee Duffett

PO #/Project:

Samples: 37

- 1) Original Sample Weight in kilograms (SWT)
- 2) Bottom Sieve Size in microns (Sieve)
- 3) Diamonds > 500 microns (Macro)
- 4) Diamonds < 500 microns (Micro)
- 5) Weight of Diamonds > 500 microns in milligrams (Wt+)
- 6) Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)
- 7) Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)
- 8) Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)
- 9) Number of synthetic diamonds recovered (whole and fragments) (SYN)

Sample #	SWT	Sieve	Macro	Micro	Wt+	Wt-	QC 1	QC 2	SYN
3286	7.90	106	0	2	0	0.203	10/10	9/10	0
3287	7.70	106	0	0	0	0	10/10	10/10	0
3288	7.85	106	0	0	0	0	9/10	10/10	0
3289	7.85	106	0	0	0	0	10/10	10/10	0
3290	7.85	106	0	0	0	0	10/10	9/10	0
3291	7.85	106	0	0	0	0	10/10	8/10	0
3292	7.90	106	0	0	0	0	10/10	10/10	0
3293	8.05	106	0	0	0	0	9/10	10/10	0
3294	7.95	106	0	0	0	0	10/10	10/10	0
3295	7.85	106	0	0	0	0	10/10	10/10	0
3296	8.20	106	0	0	0	0	10/10	10/10	0
3297	8.15	106	0	28	0	0.690	10/10	10/10	0
3298	8.05	106	0	0	0	0	9/10	10/10	0
3299	7.75	106	0	0	0	0	9/10	10/10	0
3300	8.00	106	0	0	0	0	10/10	10/10	0
3301	8.00	106	0	0	0	0	10/10	10/10	0
3302	8.40	106	0	0	0	0	10/10	10/10	0
3303	8.00	106	0	0	0	0	10/10	10/10	0
3304	8.15	106	0	0	0	0	10/10	10/10	0
3305	8.05	106	0	0	0	0	10/10	9/10	0
3306	8.25	106	0	0	0	0	9/10	10/10	0
3307	8.05	106	0	0	0	0	10/10	10/10	0
3308	8.10	106	0	0	0	0	10/10	10/10	0
3309	8.05	106	0	0	0	0	9/10	10/10	0
3310	7.90	106	0	0	0	0	10/10	10/10	0

**Caustic Fusion Diamond Report**

**Tres Or**

Attention: Laura Lee Duffett

PO #/Project:

Samples: 37

January 24, 2006

<b>Sample #</b>	<b>SWT</b>	<b>Sieve</b>	<b>Macro</b>	<b>Micro</b>	<b>Wt+</b>	<b>Wt-</b>	<b>QC 1</b>	<b>QC 2</b>	<b>SYN</b>
3311	8.05	106	0	0	0	0	10/10	10/10	2
3312	7.85	106	0	0	0	0	10/10	10/10	0
3313	8.20	106	0	0	0	0	10/10	10/10	0
3314	8.20	106	0	0	0	0	10/10	9/10	0
3315	8.00	106	0	0	0	0	10/10	10/10	0
3316	8.30	106	0	0	0	0	10/10	10/10	0
3317	7.85	106	0	0	0	0	10/10	10/10	0
3318	7.95	106	0	0	0	0	10/10	10/10	0
3319	7.95	106	0	0	0	0	10/10	10/10	0
3320	8.00	106	0	0	0	0	10/10	10/10	0
3321	8.00	106	0	0	0	0	10/10	10/10	0
3322	7.75	106	0	0	0	0	10/10	10/10	0

Total carats in this group is: 0.00447

**Caustic Fusion Diamond Description Detail**

**Tres Or**

Attention: Laura Lee Duffett

PO #/Project:

January 24, 2006

**Sample Number: 3286**

Original Sample Weight in kilograms (SWT)	<b>7.90</b>
Bottom Sieve Size in microns (Sieve)	<b>106</b>
Diamonds > 500 microns (Macro)	<b>0</b>
Diamonds < 500 microns (Micro)	<b>2</b>
Weight of Diamonds > 500 microns in milligrams (Wt+)	<b>0</b>
Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)	<b>0.203</b>
Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)	<b>10/10</b>
Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)	<b>9/10</b>
Number of synthetic diamonds recovered (whole and fragments) (SYN)	<b>0</b>

					<b>Individual</b>	<b>Total Diamond</b>		
<b>Fraction Size</b>	<b>Diamond Length</b>	<b>Width</b>	<b>Height</b>	<b>Diamond Weight</b>	<b>Weight in Fractions</b>	<b>Diamond Description</b>		
<b>Microns</b>	<b>Count</b>	<b>mm</b>	<b>mm</b>	<b>mm</b>	<b>mg</b>	<b>mg</b>		
+ 425	1	0.90	0.60	0.38	0.199	0.199	Colorless, clear, distorted, broken, lamination.	
+ 106	1	0.20	0.20	0.08	0.004	0.004	Colorless, clear, fragment.	

Total octacarats in this sample is: 101,500.00



**Caustic Fusion Diamond Description Detail**

Tres Or

Attention: Laura Lee Duffett

PO #/Project:

January 24, 2006

**Sample Number: 3297**

Original Sample Weight in kilograms (SWT)	8.15
Bottom Sieve Size in microns (Sieve)	106
Diamonds > 500 microns (Macro)	0
Diamonds < 500 microns (Micro)	28
Weight of Diamonds > 500 microns in milligrams (Wt+)	0
Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)	0.690
Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)	10/10
Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)	10/10
Number of synthetic diamonds recovered (whole and fragments) (SYN)	0

Fraction Size Microns	Diamond Count	Length mm	Width mm	Height mm	Individual	Total Diamond	Diamond Description
					Diamond Weight mg	Weight in Fractions mg	
+ 425	1	1.00	0.52	0.10	0.242	0.242	White, cloudy, fragment, lamination.
+ 300	1	0.74	0.34	0.08	0.105	0.193	White, cloudy, fragment, lamination.
+ 300	1	0.60	0.32	0.26	0.088		White, cloudy, fragment, lamination.
+ 212	1	0.50	0.22	0.18	0.033	0.033	White, cloudy, fragment, lamination.
+ 150	1	0.70	0.18	0.12		0.148	Colorless, clear, fragment, lamination.
+ 150	1	0.44	0.20	0.14			White, cloudy, fragment, lamination.
+ 150	1	0.40	0.20	0.18			Colorless, clear, fragment, lamination.
+ 150	1	0.40	0.18	0.16			White, cloudy, fragment, lamination.
+ 150	1	0.40	0.16	0.10			Colorless, clear, fragment, lamination.
+ 150	1	0.38	0.18	0.10			Colorless, clear, fragment, lamination.
+ 150	1	0.34	0.18	0.08			White, cloudy, fragment, lamination.
+ 150	1	0.34	0.16	0.08			Colorless, clear, fragment, lamination.
+ 150	1	0.30	0.20	0.14			White, cloudy, fragment, lamination.
+ 150	1	0.24	0.20	0.10			White, cloudy, fragment, lamination.
+ 106	1	0.44	0.12	0.06		0.074	White, cloudy, fragment, lamination.

**Caustic Fusion Diamond Description Detail**

Tres Or  
 Attention: Laura Lee Duffett  
 PO #/Project:

January 24, 2006

**Sample Number: 3297**

Fraction Size	Diamond Count	Length mm	Width mm	Height mm	Individual Diamond Weight mg	Total Diamond Weight in Fractions mg	Diamond Description
+ 106	1	0.42	0.14	0.10			Colorless, clear, fragment, lamination.
+ 106	1	0.40	0.12	0.02			Colorless, clear, fragment, lamination.
+ 106	1	0.34	0.14	0.08			White, cloudy, fragment, lamination.
+ 106	1	0.34	0.12	0.10			Colorless, clear, fragment, lamination.
+ 106	1	0.30	0.14	0.06			White, cloudy, fragment, lamination.
+ 106	1	0.28	0.14	0.08			White, cloudy, fragment, lamination.
+ 106	1	0.24	0.18	0.02			Colorless, clear, fragment, lamination.
+ 106	1	0.24	0.14	0.02			Colorless, clear, fragment, lamination.
+ 106	1	0.24	0.12	0.12			White, cloudy, fragment, lamination.
+ 106	1	0.22	0.14	0.10			White, cloudy, fragment, lamination.
+ 106	1	0.22	0.12	0.10			White, cloudy, fragment, lamination.
+ 106	1	0.20	0.14	0.12			White, cloudy, fragment, lamination.
+ 106	1	0.16	0.12	0.08			White, cloudy, fragment, lamination.

Total octacarats in this sample is: 345,000.00

# SRC Geoanalytical Laboratories

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Jan 24, 2006

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**Tres Or**

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WHITE ROCK, BC V4A 7R7  
Attn: Laura Lee Duffett

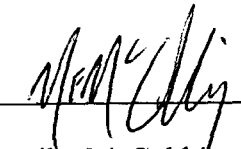
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Reviewed by: \_\_\_\_\_



Mike McCubbing  
Associate Research Geologist

**Caustic Fusion Diamond Report**

**Tres Or**

January 24, 2006

Attention: Laura Lee Duffett

PO #/Project:

Samples: 20

- 1) Original Sample Weight in kilograms (SWT)
- 2) Bottom Sieve Size in microns (Sieve)
- 3) Diamonds > 500 microns (Macro)
- 4) Diamonds < 500 microns (Micro)
- 5) Weight of Diamonds > 500 microns in milligrams (Wt+)
- 6) Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)
- 7) Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)
- 8) Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)
- 9) Number of synthetic diamonds recovered (whole and fragments) (SYN)

Sample #	SWT	Sieve	Macro	Micro	Wt+	Wt-	QC 1	QC 2	SYN
3343	8.00	106	0	0	0	0	10/10	10/10	0
3344	8.00	106	0	0	0	0	10/10	10/10	0
3345	8.00	106	0	0	0	0	9/10	10/10	0
3346	8.00	106	0	0	0	0	10/10	10/10	0
3347	8.00	106	0	0	0	0	10/10	9/10	0
3348	8.00	106	0	0	0	0	10/10	10/10	0
3349	8.00	106	0	0	0	0	10/10	10/10	0
3350	8.00	106	0	0	0	0	10/10	10/10	0
3351	8.00	106	0	0	0	0	10/10	10/10	0
3352	8.00	106	0	0	0	0	10/10	10/10	0
3353	8.00	106	0	0	0	0	10/10	10/10	0
3354	8.00	106	0	0	0	0	10/10	10/10	0
3355	8.00	106	0	0	0	0	10/10	10/10	0
3356	8.00	106	0	0	0	0	10/10	10/10	0
3357	8.00	106	0	0	0	0	10/10	10/10	0
3358	8.00	106	0	0	0	0	10/10	10/10	0
3359	8.00	106	0	1	0	0.010	10/10	10/10	0
3360	8.00	106	0	0	0	0	9/10	10/10	0
3361	8.00	106	0	0	0	0	10/10	10/10	0
3362	8.00	106	0	0	0	0	10/10	8/10	0

Total carats in this group is: 0.00005

**Caustic Fusion Diamond Description Detail**

**Tres Or**  
 Attention: Laura Lee Duffett  
 PO #/Project:

January 24, 2006

**Sample Number: 3359**

Original Sample Weight in kilograms (SWT)	8.00
Bottom Sieve Size in microns (Sieve)	106
Diamonds > 500 microns (Macro)	0
Diamonds < 500 microns (Micro)	1
Weight of Diamonds > 500 microns in milligrams (Wt+)	0
Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)	0.010
Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)	10/10
Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)	10/10
Number of synthetic diamonds recovered (whole and fragments) (SYN)	0

Fraction Size	Diamond Length	Width	Height	Individual Diamond Weight	Total Diamond Weight in Fractions	Diamond Description
Microns	Count	mm	mm	mg	mg	
+ 150	1	0.22	0.20	0.010	0.010	White, frosted, octahedron, broken, stepped/ribbed, serrate laminae, rough.

Total octacarats in this sample is: 5,000.00

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Jan 24, 2006

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Attn: Laura Lee Duffett

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Reviewed by: \_\_\_\_\_



Mike McCubbing  
Associate Research Geologist

**Caustic Fusion Diamond Report**

**Tres Or**

Attention: Laura Lee Duffett

PO #/Project:

Samples: 10

January 24, 2006

- 1) Original Sample Weight in kilograms (SWT)
- 2) Bottom Sieve Size in microns (Sieve)
- 3) Diamonds > 500 microns (Macro)
- 4) Diamonds < 500 microns (Micro)
- 5) Weight of Diamonds > 500 microns in milligrams (Wt+)
- 6) Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)
- 7) Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)
- 8) Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)
- 9) Number of synthetic diamonds recovered (whole and fragments) (SYN)

Sample #	SWT	Sieve	Macro	Micro	Wt+	Wt-	QC 1	QC 2	SYN
3333	7.90	106	0	0	0	0	10/10	10/10	0
3334	7.90	106	0	0	0	0	9/10	9/10	0
3335	7.85	106	0	0	0	0	10/10	10/10	0
3336	8.00	106	0	0	0	0	10/10	10/10	0
3337	8.00	106	0	0	0	0	10/10	10/10	0
3338	8.00	106	0	0	0	0	10/10	10/10	0
3339	8.00	106	0	0	0	0	10/10	10/10	0
3340	8.00	106	0	0	0	0	10/10	10/10	0
3341	8.00	106	0	0	0	0	10/10	10/10	0
3342	8.00	106	0	0	0	0	10/10	10/10	0

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Reviewed by: \_\_\_\_\_



Mike McCubbing  
Associate Research Geologist



**Caustic Fusion Diamond Report**

Tres Or

Attention: Laura Lee Duffett

PO #/Project:

Samples: 10

January 24, 2006

- 1) Original Sample Weight in kilograms (SWT)
- 2) Bottom Sieve Size in microns (Sieve)
- 3) Diamonds > 500 microns (Macro)
- 4) Diamonds < 500 microns (Micro)
- 5) Weight of Diamonds > 500 microns in milligrams (Wt+)
- 6) Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)
- 7) Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)
- 8) Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)
- 9) Number of synthetic diamonds recovered (whole and fragments) (SYN)

Sample #	SWT	Sieve	Macro	Micro	Wt+	Wt-	QC 1	QC 2	SYN
3323	8.00	106	0	0	0	0	10/10	10/10	0
3324	8.00	106	0	0	0	0	10/10	9/10	0
3325	8.00	106	0	0	0	0	10/10	10/10	0
3326	8.00	106	0	0	0	0	9/10	10/10	1
3327	8.00	106	0	0	0	0	10/10	10/10	0
3328	8.00	106	0	0	0	0	10/10	10/10	0
3329	8.00	106	0	0	0	0	10/10	10/10	0
3330	8.00	106	0	0	0	0	10/10	10/10	0
3331	8.00	106	0	0	0	0	10/10	10/10	0
3332	8.00	106	0	0	0	0	10/10	10/10	0

# SRC Geoanalytical Laboratories

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Attn: Laura Lee Duffett

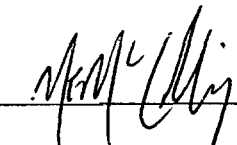
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Reviewed by: \_\_\_\_\_



Mike McCubbing  
Associate Research Geologist

**Caustic Fusion Diamond Report**

**Tres Or**

Attention: Laura Lee Duffett

PO #/Project:

Samples: 10

January 25, 2006

- 1) Original Sample Weight in kilograms (SWT)
- 2) Bottom Sieve Size in microns (Sieve)
- 3) Diamonds > 500 microns (Macro)
- 4) Diamonds < 500 microns (Micro)
- 5) Weight of Diamonds > 500 microns in milligrams (Wt+)
- 6) Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)
- 7) Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)
- 8) Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)
- 9) Number of synthetic diamonds recovered (whole and fragments) (SYN)

Sample #	SWT	Sieve	Macro	Micro	Wt+	Wt-	QC 1	QC 2	SYN
3363	8.35	106	0	0	0	0	10/10	9/10	0
3364	8.00	106	0	0	0	0	10/10	10/10	0
3365	8.10	106	0	0	0	0	10/10	10/10	0
3366	8.15	106	0	0	0	0	10/10	10/10	0
3367	8.15	106	0	0	0	0	10/10	10/10	0
3368	7.95	106	0	0	0	0	10/10	10/10	0
3369	7.95	106	0	0	0	0	10/10	10/10	0
3370	8.15	106	0	0	0	0	10/10	10/10	0
3371	8.00	106	0	0	0	0	10/10	10/10	0
3372	8.15	106	0	0	0	0	10/10	10/10	0

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Jan 26, 2006

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Reviewed by: \_\_\_\_\_



Mike McCubbing  
Associate Research Geologist

**Caustic Fusion Diamond Report**

**Tres Or**

Attention: Laura Lee Duffett

PO #/Project:

Samples: 10

January 26, 2006

- 1) Original Sample Weight in kilograms (SWT)
- 2) Bottom Sieve Size in microns (Sieve)
- 3) Diamonds > 500 microns (Macro)
- 4) Diamonds < 500 microns (Micro)
- 5) Weight of Diamonds > 500 microns in milligrams (Wt+)
- 6) Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)
- 7) Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)
- 8) Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)
- 9) Number of synthetic diamonds recovered (whole and fragments) (SYN)

Sample #	SWT	Sieve	Macro	Micro	Wt+	Wt-	QC 1	QC 2	SYN
3383	7.95	106	0	0	0	0	10/10	10/10	0
3384	8.00	106	0	0	0	0	10/10	10/10	0
3385	7.75	106	0	0	0	0	10/10	10/10	0
3386	8.10	106	0	0	0	0	9/10	10/10	0
3387	8.10	106	0	0	0	0	10/10	10/10	0
3388	7.95	106	0	0	0	0	8/10	10/10	0
3389	7.80	106	0	14	0	0.180	10/10	10/10	0
3390	8.15	106	4	154	2.006	3.688	10/10	10/10	1
3391	7.85	106	0	36	0	0.809	9/10	10/10	1
3392	7.10	106	0	0	0	0	10/10	10/10	0

Total carats in this group is: 0.03342

**Caustic Fusion Diamond Description Detail**

**Tres Or**

Attention: Laura Lee Duffett

PO #/Project:

January 26, 2006

**Sample Number: 3389**

Original Sample Weight in kilograms (SWT)	7.80
Bottom Sieve Size in microns (Sieve)	106
Diamonds > 500 microns (Macro)	0
Diamonds < 500 microns (Micro)	14
Weight of Diamonds > 500 microns in milligrams (Wt+)	0
Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)	0.180
Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)	10/10
Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)	10/10
Number of synthetic diamonds recovered (whole and fragments) (SYN)	0

Fraction Size	Diamond Count	Diamond Length mm	Width mm	Height mm	Individual	Total Diamond	Diamond Description
					Diamond Weight mg	Weight in Fractions mg	
+ 300	1	0.52	0.34	0.26	0.063	0.122	White, included, distorted, stepped/ribbed, serrate laminae, rough, lamination.
+ 300	1	0.54	0.50	0.20	0.059		White, frosted, fragment, lamination.
+ 150	1	0.34	0.24	0.10	0.017	0.027	White, frosted, irregular, resorbed, serrate laminae, rough, lamination.
+ 150	1	0.36	0.24	0.06	0.010		White, frosted, fragment, lamination.
+ 75	1	0.18	0.16	0.10	0.005	0.031	White, clear, fragment, lamination.
+ 75	1	0.24	0.16	0.10	0.004		White, clear, fragment, lamination.
+ 75	1	0.22	0.12	0.08	0.004		White, clear, fragment, lamination.
+ 75	1	0.14	0.10	0.06	0.004		White, clear, fragment.
+ 75	1	0.18	0.10	0.10	0.003		White, clear, fragment, lamination.
+ 75	1	0.16	0.16	0.10	0.003		White, clear, fragment, lamination.
+ 75	1	0.16	0.12	0.12	0.003		White, clear, fragment, lamination.
+ 75	1	0.20	0.10	0.04	0.002		White, clear, fragment, lamination.
+ 75	1	0.12	0.10	0.08	0.002		White, clear, octahedron.
+ 75	1	0.12	0.10	0.08	0.001		White, clear, fragment.

**SRC Geoanalytical Laboratories**  
125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8  
Tel: (306) 933-8118 Fax: (306) 933-5656 Email: geochem@src.sk.ca

Report No: 06-42

**Caustic Fusion Diamond Description Detail**

**Tres Or**  
Attention: Laura Lee Duffett  
PO #/Project:

January 26, 2006

**Sample Number: 3389**

Total octacarats in this sample is: 90,000.00

**Caustic Fusion Diamond Description Detail**

Tres Or  
 Attention: Laura Lee Duffett  
 PO #/Project:

January 26, 2006

**Sample Number: 3390**

Original Sample Weight in kilograms (SWT)	8.15
Bottom Sieve Size in microns (Sieve)	106
Diamonds > 500 microns (Macro)	4
Diamonds < 500 microns (Micro)	154
Weight of Diamonds > 500 microns in milligrams (Wt+)	2.006
Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)	3.688
Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)	10/10
Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)	10/10
Number of synthetic diamonds recovered (whole and fragments) (SYN)	1

Fraction Size Microns	Diamond Count	Length mm	Width mm	Height mm	Individual	Total Diamond	Diamond Description
					Diamond Weight mg	Weight in Fractions mg	
+ 600	1	1.12	0.80	0.36	0.609	2.006	White, included, fragment, lamination.
+ 600	1	0.86	0.80	0.44	0.507		White, cloudy, fragment, rough, lamination.
+ 600	1	0.98	0.62	0.48	0.462		White, included, fragment, stepped/ribbed, lamination.
+ 600	1	0.84	0.68	0.28	0.428		White, cloudy, fragment, stepped/ribbed, hillocks, lamination.
+ 425	1	0.72	0.48	0.22	0.200	0.487	White, cloudy, fragment, lamination.
+ 425	1	0.62	0.46	0.24	0.145		White, frosted, fragment.
+ 425	1	0.56	0.42	0.32	0.142		White, cloudy, fragment, lamination.
+ 300	1	0.60	0.38	0.30	0.191	1.497	White, frosted, fragment, lamination.
+ 300	1	0.58	0.36	0.26	0.140		White, frosted, fragment, lamination.
+ 300	1	0.52	0.36	0.20	0.133		White, cloudy, fragment, rough, lamination.
+ 300	1	0.46	0.36	0.28	0.130		Colorless, clear, fragment, lamination.
+ 300	1	0.64	0.38	0.18	0.122		White, frosted, fragment, lamination.
+ 300	1	0.68	0.38	0.10	0.112		White, cloudy, fragment, rough.
+ 300	1	0.54	0.32	0.20	0.109		White, frosted, fragment, lamination.
+ 300	1	0.52	0.36	0.18	0.108		White, included, fragment, lamination.
+ 300	1	0.66	0.30	0.20	0.105		Amber, frosted, fragment, lamination.
+ 300	1	0.66	0.30	0.10	0.105		White, frosted, fragment, lamination.



**Caustic Fusion Diamond Description Detail**

**Tres Or**  
 Attention: Laura Lee Duffett  
 PO #/Project:

January 26, 2006

**Sample Number: 3390**

Fraction Size Microns	Diamond Count	Length mm	Width mm	Height mm	Individual	Total Diamond	Diamond Description
					Diamond Weight mg	Weight in Fractions mg	
+ 300	1	0.42	0.38	0.12	0.090		Colorless, clear, fragment, rough.
+ 300	1	0.52	0.38	0.22	0.083		White, frosted, fragment, rough, lamination.
+ 300	1	0.52	0.34	0.18	0.069		White, cloudy, fragment, rough.
+ 212	25					0.830	
+ 150	47					0.533	
+ 106	66					0.341	

Total octacarats in this sample is: 2,847,000.00

**Caustic Fusion Diamond Description Detail**

Tres Or  
 Attention: Laura Lee Duffett  
 PO #/Project:

January 26, 2006

**Sample Number: 3391**

Original Sample Weight in kilograms (SWT)	<b>7.85</b>
Bottom Sieve Size in microns (Sieve)	<b>106</b>
Diamonds > 500 microns (Macro)	<b>0</b>
Diamonds < 500 microns (Micro)	<b>36</b>
Weight of Diamonds > 500 microns in milligrams (Wt+)	<b>0</b>
Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)	<b>0.809</b>
Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)	<b>9/10</b>
Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)	<b>10/10</b>
Number of synthetic diamonds recovered (whole and fragments) (SYN)	<b>1</b>

Fraction Size	Diamond Count	Length mm	Width mm	Height mm	Individual	Total Diamond	Diamond Description
					Diamond Weight mg	Weight in Fractions mg	
+ 300	1	0.60	0.56	0.36	0.140	0.218	White, frosted, distorted, broken, rough.
+ 300	1	0.60	0.40	0.34	0.078		White, frosted, distorted, broken, serrate laminae, rough.
+ 212	10					0.381	
+ 150	10					0.123	
+ 106	14					0.087	

Total octacarats in this sample is: 404,500.00

# SRC Geoanalytical Laboratories

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Jan 25, 2006

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**Tres Or**

1934 - 131 Street  
WHITE ROCK, BC V4A 7R7  
Attn: Laura Lee Duffett

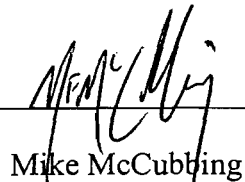
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Reviewed by: \_\_\_\_\_



Mike McCubbing  
Associate Research Geologist

**Caustic Fusion Diamond Report**

**Tres Or**

January 25, 2006

Attention: Laura Lee Duffett

PO #/Project:

Samples: 10

- 1) Original Sample Weight in kilograms (SWT)
- 2) Bottom Sieve Size in microns (Sieve)
- 3) Diamonds > 500 microns (Macro)
- 4) Diamonds < 500 microns (Micro)
- 5) Weight of Diamonds > 500 microns in milligrams (Wt+)
- 6) Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)
- 7) Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)
- 8) Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)
- 9) Number of synthetic diamonds recovered (whole and fragments) (SYN)

Sample #	SWT	Sieve	Macro	Micro	Wt+	Wt-	QC 1	QC 2	SYN
3373	7.95	106	0	1	0	0.009	10/10	10/10	0
3374	7.90	106	0	1	0	0.008	10/10	10/10	0
3375	8.00	106	0	0	0	0	10/10	10/10	0
3376	7.85	106	0	0	0	0	10/10	10/10	0
3377	8.00	106	0	0	0	0	10/10	10/10	0
3378	8.10	106	0	0	0	0	10/10	10/10	0
3379	7.85	106	0	0	0	0	10/10	10/10	0
3380	8.00	106	0	3	0	0.026	10/10	10/10	0
3381	8.25	106	0	2	0	0.013	10/10	10/10	0
3382	7.95	106	0	2	0	0.015	10/10	10/10	0

Total carats in this group is: 0.00036

**Caustic Fusion Diamond Description Detail**

**Tres Or**  
 Attention: Laura Lee Duffett  
 PO #/Project:

January 25, 2006

**Sample Number: 3373**

Original Sample Weight in kilograms (SWT)	<b>7.95</b>
Bottom Sieve Size in microns (Sieve)	<b>106</b>
Diamonds > 500 microns (Macro)	<b>0</b>
Diamonds < 500 microns (Micro)	<b>1</b>
Weight of Diamonds > 500 microns in milligrams (Wt+)	<b>0</b>
Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)	<b>0.009</b>
Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)	<b>10/10</b>
Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)	<b>10/10</b>
Number of synthetic diamonds recovered (whole and fragments) (SYN)	<b>0</b>

Fraction Size	Diamond Count	Length mm	Width mm	Height mm	Individual	Total Diamond	Diamond Description
					Diamond Weight mg	Weight in Fractions mg	
+ 150	1	0.24	0.20	0.16	0.009	0.009	White, cloudy, distorted, rough.

Total octacarats in this sample is: 4,500.00

**Caustic Fusion Diamond Description Detail**

Tres Or  
 Attention: Laura Lee Duffett  
 PO #/Project:

January 25, 2006

**Sample Number: 3374**

Original Sample Weight in kilograms (SWT)	7.90
Bottom Sieve Size in microns (Sieve)	106
Diamonds > 500 microns (Macro)	0
Diamonds < 500 microns (Micro)	1
Weight of Diamonds > 500 microns in milligrams (Wt+)	0
Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)	0.008
Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)	10/10
Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)	10/10
Number of synthetic diamonds recovered (whole and fragments) (SYN)	0

Fraction Size	Diamond Count	Diamond Length mm	Width mm	Height mm	Individual Diamond Weight mg	Total Diamond Weight in Fractions mg	Diamond Description
+ 150	1	0.34	0.30	0.20	0.008	0.008	Colorless, included, distorted, broken, rough.

Total octacarats in this sample is: 4,000.00

**Caustic Fusion Diamond Description Detail**

**Tres Or**  
 Attention: Laura Lee Duffett  
 PO #/Project:

January 25, 2006

**Sample Number: 3380**

Original Sample Weight in kilograms (SWT)	8.00
Bottom Sieve Size in microns (Sieve)	106
Diamonds > 500 microns (Macro)	0
Diamonds < 500 microns (Micro)	3
Weight of Diamonds > 500 microns in milligrams (Wt+)	0
Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)	0.026
Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)	10/10
Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)	10/10
Number of synthetic diamonds recovered (whole and fragments) (SYN)	0

Fraction Size Microns	Diamond Count	Length mm	Width mm	Height mm	Individual	Total Diamond	Diamond Description
					Diamond Weight mg	Weight in Fractions mg	
+ 212	1	0.42	0.20	0.20	0.016	0.016	White, included, distorted, broken, rough.
+ 106	1	0.24	0.20	0.14	0.007	0.010	White, cloudy, distorted, rough.
+ 106	1	0.34	0.16	0.14	0.003		White, cloudy, distorted, broken.

Total octacarats in this sample is: 13,000.00

**Caustic Fusion Diamond Description Detail**

Tres Or  
 Attention: Laura Lee Duffett  
 PO #/Project:

January 25, 2006

**Sample Number: 3381**

Original Sample Weight in kilograms (SWT)	8.25
Bottom Sieve Size in microns (Sieve)	106
Diamonds > 500 microns (Macro)	0
Diamonds < 500 microns (Micro)	2
Weight of Diamonds > 500 microns in milligrams (Wt+)	0
Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)	0.013
Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)	10/10
Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)	10/10
Number of synthetic diamonds recovered (whole and fragments) (SYN)	0

Fraction Size	Diamond Length	Width	Height	Individual Diamond Weight	Total Diamond Weight in Fractions	Diamond Description
Microns	Count	mm	mm	mg	mg	
+ 150	1	0.28	0.18	0.010	0.010	White, frosted, distorted, broken, rough.
+ 106	1	0.18	0.12	0.003	0.003	White, frosted, fragment, rough.

Total octacarats in this sample is: 6,500.00



**Caustic Fusion Diamond Description Detail**

**Tres Or**  
 Attention: Laura Lee Duffett  
 PO #/Project:

January 25, 2006

**Sample Number: 3382**

Original Sample Weight in kilograms (SWT)	<b>7.95</b>
Bottom Sieve Size in microns (Sieve)	<b>106</b>
Diamonds > 500 microns (Macro)	<b>0</b>
Diamonds < 500 microns (Micro)	<b>2</b>
Weight of Diamonds > 500 microns in milligrams (Wt+)	<b>0</b>
Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)	<b>0.015</b>
Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)	<b>10/10</b>
Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)	<b>10/10</b>
Number of synthetic diamonds recovered (whole and fragments) (SYN)	<b>0</b>

Fraction Size	Diamond Length	Width	Height	Individual	Total Diamond	Diamond Description	
				Diamond Weight	Weight in Fractions		
Microns	Count	mm	mm	mm	mg	mg	
+ 150	1	0.30	0.24	0.16	0.011	0.011	White, cloudy, distorted.
+ 106	1	0.24	0.14	0.12	0.004	0.004	White, cloudy, distorted.

Total octacarats in this sample is: 7,500.00

# SRC Geoanalytical Laboratories

125 - 15 Innovation Blvd.  
Saskatoon, Saskatchewan  
S7N 2X8

Dec 20, 2005

Phone: (306) 933-8118

Fax: (306) 933-5656

## Tres Or


1934 - 131 Street  
WHITE ROCK, BC V4A 7R7  
Attn: Laura Lee Duffett

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Reviewed by:  \_\_\_\_\_  
Mike McCubbing  
Associate Research Geologist

**Caustic Fusion Diamond Report**

**Tres Or**

Attention: Laura Lee Duffett

PO #/Project:

Samples: 11

December 20, 2005

- 1) Original Sample Weight in kilograms (SWT)
- 2) Bottom Sieve Size in microns (Sieve)
- 3) Diamonds > 500 microns (Macro)
- 4) Diamonds < 500 microns (Micro)
- 5) Weight of Diamonds > 500 microns in milligrams (Wt+)
- 6) Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)
- 7) Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)
- 8) Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)
- 9) Number of synthetic diamonds recovered (whole and fragments) (SYN)

Sample #	SWT	Sieve	Macro	Micro	Wt+	Wt-	QC 1	QC 2	SYN
3224	1.75	106	0	0	0	0	10/10	10/10	0
3225	8.00	106	0	1	0	0.006	10/10	10/10	143
3226	8.00	106	0	0	0	0	10/10	10/10	0
3227	8.00	106	0	0	0	0	10/10	10/10	0
3228	8.15	106	0	0	0	0	10/10	10/10	0
3229	7.90	106	0	0	0	0	9/10	9/10	1
3230	8.05	106	0	0	0	0	10/10	10/10	0
3231	8.05	106	0	0	0	0	10/10	10/10	0
3232	8.10	106	0	0	0	0	10/10	10/10	0
3233	7.80	106	0	0	0	0	10/10	10/10	0
3234	7.60	106	0	0	0	0	10/10	10/10	0

Total carats in this group is: 0.00003

**Caustic Fusion Diamond Description Detail**

**Tres Or**  
 Attention: Laura Lee Duffett  
 PO #/Project:

December 20, 2005

**Sample Number: 3225**

Original Sample Weight in kilograms (SWT)	<b>8.00</b>
Bottom Sieve Size in microns (Sieve)	<b>106</b>
Diamonds > 500 microns (Macro)	<b>0</b>
Diamonds < 500 microns (Micro)	<b>1</b>
Weight of Diamonds > 500 microns in milligrams (Wt+)	<b>0</b>
Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)	<b>0.006</b>
Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)	<b>10/10</b>
Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)	<b>10/10</b>
Number of synthetic diamonds recovered (whole and fragments) (SYN)	<b>143</b>

					<b>Individual</b>	<b>Total Diamond</b>		
<b>Fraction Size</b>	<b>Diamond Length</b>	<b>Width</b>	<b>Height</b>	<b>Diamond Weight</b>	<b>Weight in Fractions</b>	<b>Diamond Description</b>		
<b>Microns</b>	<b>Count</b>	<b>mm</b>	<b>mm</b>	<b>mm</b>	<b>mg</b>	<b>mg</b>		
+ 150	1	0.20	0.16	0.08	0.006	0.006	White, cloudy, fragment, resorbed.	

Total octacarats in this sample is: 3,000.00

# SRC Geoanalytical Laboratories

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Dec 20, 2005

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## Tres Or

1934 - 131 Street  
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Attn: Laura Lee Duffett

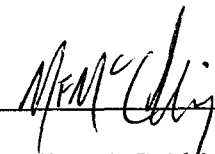
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Reviewed by: \_\_\_\_\_



Mike McCubbing  
Associate Research Geologist

**Caustic Fusion Diamond Report**

**Tres Or**

December 20, 2005

Attention: Laura Lee Duffett

PO #/Project:

Samples: 8

- 1) Original Sample Weight in kilograms (SWT)
- 2) Bottom Sieve Size in microns (Sieve)
- 3) Diamonds > 500 microns (Macro)
- 4) Diamonds < 500 microns (Micro)
- 5) Weight of Diamonds > 500 microns in milligrams (Wt+)
- 6) Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)
- 7) Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)
- 8) Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)
- 9) Number of synthetic diamonds recovered (whole and fragments) (SYN)

Sample #	SWT	Sieve	Macro	Micro	Wt+	Wt-	QC 1	QC 2	SYN
3235	7.95	106	0	0	0	0	10/10	10/10	0
3236	8.10	106	0	0	0	0	10/10	10/10	0
3237	7.90	106	0	0	0	0	10/10	10/10	0
3238	8.10	106	0	0	0	0	10/10	10/10	0
3239	8.25	106	0	0	0	0	10/10	10/10	0
3240	8.05	106	0	0	0	0	10/10	10/10	0
3241	8.05	106	0	0	0	0	10/10	10/10	0
3242	7.95	106	0	0	0	0	10/10	10/10	0

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Dec 14, 2005

Phone: (306) 933-8118

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Attn: Laura Lee Duffett

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Reviewed by: \_\_\_\_\_



Mike McCubbing  
Associate Research Geologist

**Caustic Fusion Diamond Report**

**Tres Or**

Attention: Laura Lee Duffett

PO #/Project:

Samples: 37

December 14, 2005

- 1) Original Sample Weight in kilograms (SWT)
- 2) Bottom Sieve Size in microns (Sieve)
- 3) Diamonds > 500 microns (Macro)
- 4) Diamonds < 500 microns (Micro)
- 5) Weight of Diamonds > 500 microns in milligrams (Wt+)
- 6) Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)
- 7) Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)
- 8) Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)
- 9) Number of synthetic diamonds recovered (whole and fragments) (SYN)

Sample #	SWT	Sieve	Macro	Micro	Wt+	Wt-	QC 1	QC 2	SYN
3187	8.25	106	0	0	0	0	10/10	10/10	0
3188	8.30	106	0	0	0	0	10/10	8/10	0
3189	8.30	106	0	0	0	0	10/10	10/10	0
3190	7.65	106	0	0	0	0	10/10	10/10	0
3191	8.45	106	0	0	0	0	8/10	10/10	0
3192	8.35	106	0	0	0	0	10/10	9/10	0
3193	8.10	106	0	0	0	0	8/10	10/10	0
3194	8.25	106	0	0	0	0	10/10	10/10	0
3195	8.20	106	0	0	0	0	9/10	10/10	0
3196	8.20	106	0	0	0	0	9/10	10/10	0
3197	8.00	106	0	0	0	0	10/10	10/10	0
3198	8.15	106	0	0	0	0	10/10	10/10	0
3199	8.05	106	0	0	0	0	10/10	9/10	0
3200	8.05	106	0	0	0	0	8/10	10/10	0
3201	8.05	106	0	0	0	0	10/10	10/10	0
3202	8.10	106	0	0	0	0	10/10	10/10	0
3203	8.15	106	0	0	0	0	9/10	10/10	0
3204	7.95	106	0	0	0	0	10/10	10/10	0
3205	8.50	106	0	0	0	0	8/10	8/10	0
3206	8.05	106	0	0	0	0	10/10	10/10	0
3207	8.00	106	0	0	0	0	10/10	9/10	0
3208	8.05	106	0	0	0	0	10/10	10/10	0
3209	8.15	106	0	0	0	0	10/10	10/10	0
3210	8.00	106	0	0	0	0	9/10	8/10	0
3211	8.00	106	0	0	0	0	10/10	9/10	0



**Caustic Fusion Diamond Report**

Tres Or

Attention: Laura Lee Duffett

PO #/Project:

Samples: 37

December 14, 2005

<b>Sample #</b>	<b>SWT</b>	<b>Sieve</b>	<b>Macro</b>	<b>Micro</b>	<b>Wt+</b>	<b>Wt-</b>	<b>QC 1</b>	<b>QC 2</b>	<b>SYN</b>
3212	7.90	106	0	0	0	0	10/10	10/10	0
3213	8.10	106	0	0	0	0	9/10	10/10	0
3214	7.75	106	0	0	0	0	10/10	9/10	0
3215	8.05	106	0	0	0	0	8/10	10/10	0
3216	8.20	106	0	0	0	0	10/10	10/10	0
3217	8.10	106	0	0	0	0	10/10	10/10	0
3218	8.10	106	0	0	0	0	8/10	10/10	0
3219	7.85	106	0	0	0	0	10/10	10/10	0
3220	7.95	106	0	0	0	0	10/10	10/10	0
3221	7.95	106	0	0	0	0	10/10	10/10	0
3222	8.15	106	0	0	0	0	10/10	9/10	0
3223	7.20	106	0	0	0	0	10/10	10/10	0

# SRC Geoanalytical Laboratories

125 - 15 Innovation Blvd.  
Saskatoon, Saskatchewan  
S7N 2X8

Nov 25, 2005

Phone: (306) 933-8118

Fax: (306) 933-5656

## TRES OR

1934 - 131 Street  
WHITE ROCK, BC V4A 7R7  
Attn: Laura Lee Duffett


All reports are the confidential property of the clients. Publications of statements, conclusions or extracts from these reports are not permitted without the client's written permission.

This copy of results, constitutes the **final official report**. Geoanalytical Laboratories SRC's liability will be limited only to the final official report. It is the client's responsibility to ensure that all interpretation of analysis is done, using data from this report.

The client will not use the name Saskatchewan Research Council in connection with the sale, offer, advertisement or the promotion of any article, product, or company without the prior written consent of SRC.

Geoanalytical Laboratories SRC's liability, if any, will be limited to the cost of performing the analysis.

Reviewed by: \_\_\_\_\_

  
Mike McCubbing  
Associate Research Geologist

**Caustic Fusion Diamond Report**

**TRES OR**

Attention: Laura Lee Duffett

PO #/Project:

Samples: 32

November 25, 2005

- 1) Original Sample Weight in kilograms (SWT)
- 2) Bottom Sieve Size in microns (Sieve)
- 3) Diamonds > 500 microns (Macro)
- 4) Diamonds < 500 microns (Micro)
- 5) Weight of Diamonds > 500 microns in milligrams (Wt+)
- 6) Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)
- 7) Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)
- 8) Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)
- 9) Number of synthetic diamonds recovered (whole and fragments) (SYN)

Sample #	SWT	Sieve	Macro	Micro	Wt+	Wt-	QC 1	QC 2	SYN
3155	7.75	106	0	0	0	0	10/10	9/10	0
3156	8.05	106	0	0	0	0	10/10	10/10	0
3157	8.35	106	0	1	0	0.004	10/10	10/10	0
3158	8.30	106	0	0	0	0	9/10	10/10	0
3159	8.30	106	0	0	0	0	10/10	10/10	0
3160	8.00	106	0	0	0	0	10/10	10/10	0
3161	8.00	106	0	0	0	0	10/10	10/10	0
3162	7.85	106	0	0	0	0	10/10	10/10	0
3163	8.25	106	0	0	0	0	10/10	10/10	0
3164	7.80	106	0	0	0	0	9/10	10/10	0
3165	7.80	106	0	0	0	0	10/10	10/10	0
3166	8.65	106	0	0	0	0	10/10	10/10	0
3167	8.15	106	0	0	0	0	10/10	10/10	0
3168	8.20	106	0	0	0	0	10/10	10/10	0
3169	7.55	106	0	0	0	0	10/10	10/10	0
3170	7.90	106	0	0	0	0	10/10	10/10	0
3171	8.25	106	0	0	0	0	10/10	10/10	0
3172	8.25	106	0	0	0	0	10/10	10/10	0
3173	8.20	106	0	0	0	0	10/10	10/10	0
3174	8.30	106	0	0	0	0	10/10	10/10	0
3175	8.25	106	0	0	0	0	10/10	10/10	0
3176	8.30	106	0	0	0	0	10/10	10/10	0
3177	8.05	106	0	0	0	0	10/10	10/10	0
3178	8.35	106	0	0	0	0	10/10	10/10	0
3179	8.10	106	0	0	0	0	10/10	10/10	0

**Caustic Fusion Diamond Report**

**TRES OR**

Attention: Laura Lee Duffett

PO #/Project:

Samples: 32

November 25, 2005

<b>Sample #</b>	<b>SWT</b>	<b>Sieve</b>	<b>Macro</b>	<b>Micro</b>	<b>Wt+</b>	<b>Wt-</b>	<b>QC 1</b>	<b>QC 2</b>	<b>SYN</b>
3180	8.20	106	0	0	0	0	10/10	10/10	0
3181	8.15	106	0	0	0	0	10/10	10/10	0
3182	7.95	106	0	0	0	0	10/10	9/10	0
3183	8.20	106	0	0	0	0	10/10	10/10	0
3184	8.00	106	0	1	0	0.012	10/10	10/10	0
3185	7.90	106	0	0	0	0	10/10	10/10	0
3186	4.20	106	0	0	0	0	10/10	10/10	0

**Caustic Fusion Diamond Description Detail**

**TRES OR**

Attention: Laura Lee Duffett  
 PO #/Project:

November 25, 2005

**Sample Number: 3157**

Original Sample Weight in kilograms (SWT)	<b>8.35</b>
Bottom Sieve Size in microns (Sieve)	<b>106</b>
Diamonds > 500 microns (Macro)	<b>0</b>
Diamonds < 500 microns (Micro)	<b>1</b>
Weight of Diamonds > 500 microns in milligrams (Wt+)	<b>0</b>
Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)	<b>0.004</b>
Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)	<b>10/10</b>
Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)	<b>10/10</b>
Number of synthetic diamonds recovered (whole and fragments) (SYN)	<b>0</b>

Fraction Size Microns	Length mm	Width mm	Height mm	Individual	Total Diamond	Diamond Description
				Diamond Weight mg	Weight in Fractions mg	
+ 106	0.22	0.16	0.10		0.004	White, clear, fragment, lamination.

**Caustic Fusion Diamond Description Detail**

**TRES OR**

Attention: Laura Lee Duffett

PO #/Project:

November 25, 2005

**Sample Number: 3184**

Original Sample Weight in kilograms (SWT)	8.00
Bottom Sieve Size in microns (Sieve)	106
Diamonds > 500 microns (Macro)	0
Diamonds < 500 microns (Micro)	1
Weight of Diamonds > 500 microns in milligrams (Wt+)	0
Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)	0.012
Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)	10/10
Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)	10/10
Number of synthetic diamonds recovered (whole and fragments) (SYN)	0

Fraction Size Microns	Length mm	Width mm	Height mm	Individual	Total Diamond	Diamond Description
				Diamond Weight mg	Weight in Fractions mg	
+ 150	0.26	0.18	0.12		0.012	Colorless, clear, octahedron, twinned, resorbed.

**Caustic Fusion Diamond Report**

July 04, 2006

**Tres Or**

Attention: Laura Lee Duffett

PO #/Project:

Samples: 15

- 1) Original Sample Weight in kilograms (SWT)
- 2) Bottom Sieve Size in microns (Sieve)
- 3) Diamonds > 500 microns (Macro)
- 4) Diamonds < 500 microns (Micro)
- 5) Weight of Diamonds > 500 microns in milligrams (Wt+)
- 6) Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)
- 7) Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)
- 8) Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)
- 9) Number of synthetic diamonds recovered (whole and fragments) (SYN)


Sample #	SWT	Sieve	Macro	Micro	Wt+	Wt-	QC 1	QC 2	SYN	
3490	8.30	106	0	0	0	0	9/10	10/10	2	301.25m
3491	8.00	106	0	0	0	0	10/10	8/10	2	
3492	7.85	106	0	0	0	0	10/10	10/10	2	
3493	8.55	106	0	0	0	0	10/10	9/10	0	
3494	5.65	106	0	0	0	0	9/10	10/10	2	311.3 m
3495	8.10	106	0	0	0	0	10/10	8/10	1	335.7 m
3496	7.90	106	0	0	0	0	10/10	10/10	14	
3497	8.15	106	0	0	0	0	8/10	9/10	1	
3498	7.85	106	0	0	0	0	10/10	10/10	0	
3499	7.75	106	0	0	0	0	8/10	10/10	3	
3500	7.95	106	0	0	0	0	10/10	10/10	12	
3501	8.25	106	0	0	0	0	10/10	9/10	2	
3502	8.00	106	0	0	0	0	10/10	8/10	2	
3503	8.05	106	0	0	0	0	8/10	8/10	1	
3504	4.85	106	0	0	0	0	9/10	10/10	7	355.6 m

**Request for Laboratory Services and Chain of Custody Form**

**Geoanalytical Laboratories**

15 Innovation Blvd., Saskatoon, SK Canada S7N 2X8



Reports to:	Name:	Laura Lee Duffett		Analytical Instructions:  - Dry sample @ 105C - Weigh - Caustic Fusion @ 106 micron - Observe samples for diamonds +106 micron  As per Harrison Cookenboo instruction. Spread sheet attached.  <b>Results to Laura Lee Duffett ONLY</b>
	Company:	Tres-Or Resources Ltd.		
	Address:	1934 - 131 Street		
	City:	White Rock		
	Prov/PC:	B.C. V4A 7R7		
	Phone:	604-541-8376		
	Fax:	604-541-8926		
Additional Instructions:	Email: laura_lee@telus.net			
Invoices to:	Same as above Yes			Estimated Cost: \$12,000.00 Payment Terms: Prepayment required Authorization: I hereby authorize SRC to undertake the work as described above according to the general terms and conditions attached. Client Signature:  Date: July 6/06
	Name:			
	Company:			
	Address:			
	City:			
	Prov/PC:			
	Phone:			
Fax:				
Additional Instructions:				
Chain of Custody:	Packaging & Instructions Enclosed: Yes			SRC Authorization: _____ Date: _____ Group #: 06-706 Sample Numbers: 3490, 3491 3492, 3493 3494, 3495 3496, 3497 3498, 3499 3500, 3501 3502, 3503 3504
	Number & type of Containers: 8 pails			
	Seals: Yes			
	List Seal Numbers:			
	Pail #:	Pail Seal #:	Sample Seal#:	
1	01242	001639, 001640		
2	01243	001641, 001642		
3	01244	001643, 001644		
4	01245	001645, 001646		
5	01246	001647, 001648		
6	01247	001649, 001650		
7	01248	001652, 001653		
8	01249	001654		
Comments: Seal 001991 was broken.			Relinquished by: _____ Date \ Time	
Name:	Bernard Gartner	Al Holsten	Received by: _____ Date \ Time	
Phone:	306-933-8118	306-933-5426	Bernard Gartner June 7, 2006	
Fax:	306-933-5656	306-933-5656		
Email:	gartner@src.sk.ca	Holsten@src.sk.ca		

**Please sign and return by fax 306-933-5656**



**Request for Laboratory Services and Chain of Custody Form**

**Geoanalytical Laboratories**

15 Innovation Blvd., Saskatoon, SK Canada S7N 2X8



Reports to:	Name:	Laura Lee Duffett		Analytical Instructions:  - Dry sample @ 105C - Weigh - Caustic Fusion @ 106 micron - Observe samples for diamonds +106 micron  As per Harrison Cookenboo instruction. Spread sheet attached.  <b>Results to Laura Lee Duffett ONLY</b>
	Company:	Tres-Or Resources Ltd.		
	Address:	1934 - 131 Street		
	City:	White Rock		
	Prov/PC:	B.C. V4A 7R7		
	Phone:	604-541-8376		
	Fax:	604-541-8926		
Additional Instructions:	Email: laura_lee@telus.net			
Invoices to:	Same as above	Yes		Estimated Cost: \$8,000.00 Payment Terms: Prepayment required  Authorization: I hereby authorize SRC to undertake the work as described above according to the general terms and conditions attached.  Client Signature: <i>[Signature]</i> Date: July 6/06  SRC Authorization: _____ Date: _____  Group #: 06-705 Sample Numbers: 3480, 3481 3482, 3483 3484, 3485 3486, 3487 3488, 3489
	Name:			
	Company:			
	Address:			
	City:			
	Prov/PC:			
	Phone:			
Fax:				
Additional Instructions:				
Chain of Custody:	Packaging & Instructions Enclosed:	Yes		
	Number & type of Containers:	5 pails		
	Seals:	Yes		
	List Seal Numbers:			
	Comments:	Seal 001991 was broken.		
Name:	Bernard Gartner	Al Holsten	Relinquished by: _____ Date \ Time _____ Recalved by: Bernard Gartner Date \ Time June 7, 2006	
	Phone:	306-933-8118		306-933-5426
	Fax:	306-933-5656		306-933-5656
	Email:	gartner@src.sk.ca		Holsten@src.sk.ca

**Please sign and return by fax 306-933-5656**

## Request for Laboratory Services and Chain of Custody Form

## Geoanalytical Laboratories

15 Innovation Blvd., Saskatoon, SK Canada S7N 2X8



Reports to:	Name:	Laura Lee Duffett		Analytical Instructions:  - Dry sample @ 105C - Weigh - Caustic Fusion @ 106 micron - Observe samples for diamonds +106 micron  As per Harrison Cookenboo instruction. Spread sheet attached.  <b>Results to Laura Lee Duffett ONLY</b>	
	Company:	Tres-Or Resources Ltd.			
	Address:	1934 - 131 Street			
	City:	White Rock			
	Prov/PC:	B.C. V4A 7R7			
	Phone:	604-541-8376			
	Fax:	604-541-8926			
	Additional Instructions:	Email: laura_lee@telus.net			
Invoices to:	Same as above Yes			Estimated Cost: \$7,500.00 Payment Terms: Prepayment required Authorization: I hereby authorize SRC to undertake the work as described above according to the general terms and conditions attached. Client Signature: <i>[Signature]</i> Date: June 16/06 SRC Authorization: _____ Date: _____ Group #: 06-712 Sample Numbers: 3505, 3506 3507, 3508 3509, 3510 3511, 3512 3513, 3514	
	Name:				
	Company:				
	Address:				
	City:				
	Prov/PC:				
	Phone:				
	Fax:				
Additional Instructions:					
Chain of Custody:	Packaging & Instructions Enclosed: Yes			Relinquished by: _____ Date \ Time _____	
	Number & type of Containers: 5 pails				
	Seals: Yes				
	List Seal Numbers:				
	Pail # :	Pail Seal #:	Sample Seal#:		
1	01250	001655, 001656			
2	01251	001657, 001660			
3	01252	001661, 001663			
4	01253	001664, 001658			
5	01254	001685, 001665			
Comments: Seal 001991 was broken.					
Name:	Bernard Gartner	Al Holsten		Received by: _____ Date \ Time _____ Bernard Gartner June 12, 2006	
	Phone:	306-933-8118	306-933-5426		
	Fax:	306-933-5656	306-933-5656		
	Email:	gartner@src.sk.ca	Holsten@src.sk.ca		

Please sign and return by fax 306-933-5656  
TERMS AND CONDITIONS

Request for Laboratory Services and Chain of Custody Form

Geoanalytical Laboratories

15 Innovation Blvd., Saskatoon, SK Canada S7N 2X8



Reports to:	Name:	Laura Lee Duffett		Analytical Instructions:  - Dry sample @ 105C - Weigh - Caustic Fusion @ 106 micron - Observe samples for diamonds +106 micron  As per Harrison Cookenboo instruction. Spread sheet attached.  <b>Results to Laura Lee Duffett ONLY</b>
	Company:	Tres-Or Resources Ltd.		
	Address:	1934 - 131 Street		
	City:	White Rock		
	Prov/PC:	B.C. V4A 7R7		
	Phone:	604-541-8376		
	Fax:	604-541-8926		
	Additional Instructions:	Email: laura_lee@telus.net		
Invoices to:	Same as above	Yes		Estimated Cost: \$7,500.00 Payment Terms: Prepayment required Authorization: I hereby authorize SRC to undertake the work as described above according to the general terms and conditions attached. Client Signature: <i>[Signature]</i> Date: June 16/06 SRC Authorization: _____ Date: _____ Group #: 06-713 Sample Numbers: 3515, 3516 3517, 3518 3519, 3520 3521, 3522 3523, 3524 Relinquished by: _____ Date   Time _____
	Name:			
	Company:			
	Address:			
	City:			
	Prov/PC:			
	Phone:			
	Fax:			
Additional Instructions:				
Chain of Custody:	Packaging & Instructions Enclosed:	Yes		
	Number & type of Containers:	5 pails		
	Seals:	Yes		
	List Seal Numbers:			
	Comments:	Seal 001991 was broken.		
Name:	Bernard Gartner	Al Holsten	Received by: Bernard Gartner Date   Time June 12, 2006	
	Phone:	306-933-8118		306-933-5426
	Fax:	306-933-5656		306-933-5656
	Email:	gartner@src.sk.ca		Holsten@src.sk.ca

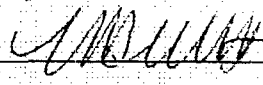
Please sign and return by fax 306-933-5656  
TERMS AND CONDITIONS

## Request for Laboratory Services and Chain of Custody Form

## Geoanalytical Laboratories

15 Innovation Blvd., Saskatoon, SK Canada S7N 2X8



Reports to:	Name:	Laura Lee Duffett		Analytical Instructions:  - Dry sample @ 105C - Weigh - Caustic Fusion @ 106 micron - Observe samples for diamonds +106 micron  As per Harrison Cookenboo instruction. Spread sheet attached.  <b>Results to Laura Lee Duffett ONLY</b>
	Company:	Tres-Or Resources Ltd.		
	Address:	1934 - 131 Street		
	City:	White Rock		
	Prov/PC:	B.C. V4A 7R7		
	Phone:	604-541-8376		
	Fax:	604-541-8926		
Additional Instructions:	Email: laura_lee@telus.net			
Invoices to:	Same as above	Yes		Estimated Cost: \$7,500.00 Payment Terms: Prepayment required Authorization: I hereby authorize SRC to undertake the work as described above according to the general terms and conditions attached.
	Name:			
	Company:			
	Address:			
	City:			
	Prov/PC:			
	Phone:			
Fax:				
Additional Instructions:				
Chain of Custody:	Packaging & Instructions Enclosed:	Yes		Client Signature:  Date: June 16/06
	Number & type of Containers:	5 pails		
	Seals:	Yes		SRC Authorization: _____ Date: _____
	List Seal Numbers:			Group #: 06-714 Sample Numbers: 3525, 3526 3527, 3528 3529, 3530 3531, 3532 3533, 3534
	Pail #:	Pail Seal #:	Sample Seal#:	
1	01260	001674, 001675		
2	01261	001676, 001677		
3	01262	001678, 001679		
4	01263	001680, 001681		
5	01264	001682, 001683		
Comments:	Seal 001991 was broken.		Relinquished by: _____ Date \ Time _____	
Name:	Bernard Gartner	Al Holsten	Received by: _____ Date \ Time _____	
Phone:	306-933-8118	306-933-5426	Bernard Gartner June 12, 2006	
Fax:	306-933-5656	306-933-5656		
Email:	gartner@src.sk.ca	Holsten@src.sk.ca		

Please sign and return by fax 306-933-5656  
TERMS AND CONDITIONS


1. **Payment:** The Client agrees to pay SRC for any and all services the Client has requested, and for any additional services that may be requested by the Client.
2. **Payment Terms:** Payment is due upon receipt of invoice. Interest will be charged at the rate of 1.5% per month (19.56% per annum) on all accounts overdue 30 days or more from the date of the invoice. All applicable federal and provincial taxes will be added automatically to invoices (SRC's GST Registration Number is 107864258).
3. **Conduct:** SRC shall carry out the services promptly, diligently and in a professional manner, and in accordance with the terms of this agreement. SRC shall comply with all applicable federal, provincial and municipal laws in relation to the services.
4. **Liability:** SRC's liability in connection with the services, if any, will be limited to its cost of providing the services.
5. **Confidentiality:** This agreement, its attachments and any information disclosed by either party are confidential and shall not be disclosed to or shared with a third party without the prior written consent of the party disclosing the information.
6. **Reports:** All reports provided by SRC with respect to the results of the services are the confidential property of the Client. Publication by SRC of statements, conclusions or extracts from these reports by SRC is not permitted without the prior written consent of the Client.
7. **Ownership of Samples:** All samples provided to SRC by the Client shall remain the property of the Client until such time as SRC receives instructions from the Client with respect to their return or disposal. Samples held in long term storage by SRC at the client's request shall be subject to an economic monthly storage fee at SRC's discretion.
8. **Use of SRC's Name:** The Client agrees to not use the name of the Saskatchewan Research Council or SRC in connection with the sale, offer, advertisement or promotion of any article, product or company without the prior written consent of SRC.
9. **Termination:** This agreement may be terminated by either party by giving two days written notice, at which time any services completed to date will become due and payable, together with expenditures incurred in connection with the services that have not yet been incorporated in the services.
10. **Jurisdiction:** This agreement shall be interpreted in accordance with the laws of the Province of Saskatchewan.
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## Request for Laboratory Services and Chain of Custody Form

## Geoanalytical Laboratories

15 Innovation Blvd., Saskatoon, SK Canada S7N 2X8



Reports to:	Name:	Laura Lee Duffett		Analytical Instructions:  - Dry sample @ 105C - Weigh - Caustic Fusion @ 106 micron - Observe samples for diamonds +106 micron  As per Harrison Cookenboo instruction. Spread sheet attached.  <b>Results to Laura Lee Duffett ONLY</b>
	Company:	Tres-Or Resources Ltd.		
	Address:	1934 - 131 Street		
	City:	White Rock		
	Prov/PC:	B.C. V4A 7R7		
	Phone:	604-541-8376		
	Fax:	604-541-8926		
	Additional Instructions:	Email: laura_lee@telus.net		
Invoices to:	Same as above	Yes		Estimated Cost: \$7,500.00 Payment Terms: Prepayment required Authorization: I hereby authorize SRC to undertake the work as described above according to the general terms and conditions attached.
	Name:			
	Company:			
	Address:			
	City:			
	Prov/PC:			
	Phone:			
	Fax:			
Chain of Custody:	Additional Instructions:			Client Signature:  Date: Mar 14/06  SRC Authorization: _____ Date: _____  Group #: 06-171 Sample Numbers: 3425, 3426 3427, 3428 3429, 3430 3431, 3443 3433, 3434
	Packaging & Instructions Enclosed:	Yes		
	Number & type of Containers:	5 pails		
	Seals:	Yes		
	List Seal Numbers:			
Chain of Custody:	Pail # :	Pail Seal #:	Sample Seal#:	Relinquished by: _____ Date \ Time _____
	1	01210	001964, 001965	
	2	01211	001966, 001967	
	3	01212	001968, 001969	
	4	01213	001970, 001971	
5	01214	001972, 001973		
Comments:	All pails arrive sealed and intact.			
Name:	Bernard Gartner	Al Holsten	Received by:	Date \ Time
	Phone: 306-933-8118	306-933-5426	Bernard Gartner	February 27, 2006
	Fax: 306-933-5656	306-933-5656		
	Email: gartner@src.sk.ca	Holsten@src.sk.ca		

Please sign and return by fax 306-933-5656  
TERMS AND CONDITIONS

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## Request for Laboratory Services and Chain of Custody Form

## Geoanalytical Laboratories

15 Innovation Blvd., Saskatoon, SK Canada S7N 2X8



Reports to:	Name:	Laura Lee Duffett		Analytical Instructions:  - Dry sample @ 105C - Weigh - Caustic Fusion @ 106 micron - Observe samples for diamonds +106 micron  As per Harrison Cookenboo instruction. Spread sheet attached.  <b>Results to Laura Lee Duffett ONLY</b>
	Company:	Tres-Or Resources Ltd.		
	Address:	1934 - 131 Street		
	City:	White Rock		
	Prov/PC:	B.C. V4A 7R7		
	Phone:	604-541-8376		
	Fax:	604-541-8926		
	Additional Instructions:	Email: laura_lee@telus.net		
Invoices to:	Same as above	Yes		Estimated Cost: \$7,500.00 Payment Terms: Prepayment required Authorization: I hereby authorize SRC to undertake the work as described above according to the general terms and conditions attached. Client Signature: <i>[Signature]</i> Date: <i>March 17/06</i> SRC Authorization: _____ Date: _____ Group #: 06-218 Sample Numbers: 3435, 3436 3437, 3438 3439, 3440 3441, 3442 3443, 3444
	Name:			
	Company:			
	Address:			
	City:			
	Prov/PC:			
	Phone:			
	Fax:			
Additional Instructions:				
Chain of Custody:	Packaging & Instructions Enclosed:	Yes		
	Number & type of Containers:	5 pails		
	Seals:	Yes		
	List Seal Numbers:			
	Comments:	All pails arrive sealed and intact.		
Name:	Bernard Gartner	Al Holsten	Received by: _____ Date \ Time Bernard Gartner March 2, 2006	
	Phone:	306-933-8118		306-933-5426
	Fax:	306-933-5656		306-933-5656
	Email:	gartner@src.sk.ca		Holsten@src.sk.ca

Please sign and return by fax 306-933-5656  
TERMS AND CONDITIONS



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**Request for Laboratory Services and Chain of Custody Form**

**Geoanalytical Laboratories**

15 Innovation Blvd., Saskatoon, SK Canada S7N 2X8



Reports to:	Name:	Laura Lee Duffett		Analytical Instructions:  - Dry sample @ 105C - Weigh - Caustic Fusion @ 106 micron - Observe samples for diamonds +106 micron  As per Harrison Cookenboo instruction. Spread sheet attached.  <b>Results to Laura Lee Duffett ONLY</b>	
	Company:	Tres-Or Resources Ltd.			
	Address:	1934 - 131 Street			
	City:	White Rock			
	Prov/PC:	B.C. V4A 7R7			
	Phone:	604-541-8376			
	Fax:	604-541-8926			
	Additional Instructions:	Email: laura_lee@telus.net			
Invoices to:	Same as above	Yes		Estimated Cost: \$7,500.00 Payment Terms: Prepayment required Authorization: I hereby authorize SRC to undertake the work as described above according to the general terms and conditions attached. Client Signature: <i>[Signature]</i> Date: Mar 14/06 SRC Authorization: _____ Date: _____ Group #: 06-239 Sample Numbers: 3445, 3446 3447, 3448 3449, 3450 3451, 3452 3453, 3454	
	Name:				
	Company:				
	Address:				
	City:				
	Prov/PC:				
	Phone:				
	Fax:				
Additional Instructions:					
Chain of Custody:	Packaging & Instructions Enclosed:	Yes		Relinquished by: _____ Date \ Time _____ Received by: Bernard Gartner Date \ Time March 3, 2006	
	Number & type of Containers:	5 pails			
	Seals:	Yes			
	List Seal Numbers:				
	Pail # :	Pail Seal #:	Sample Seal#:		
	1	01220	001984, 001985		
2	01221	001986, 001987			
3	01222	001988, 001989			
4	01223	001990, 001991*			
5	01224	001992, 001993			
Comments:	Seal 001991 was broken.				
Name:	Bernard Gartner	Al Holsten	Received by: Bernard Gartner Date \ Time March 3, 2006		
	Phone:	306-933-8118		306-933-5426	
	Fax:	306-933-5656		306-933-5656	
	Email:	gartner@src.sk.ca		Holsten@src.sk.ca	

**Please sign and return by fax 306-933-5656  
TERMS AND CONDITIONS**

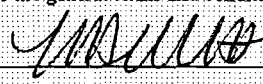
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## Request for Laboratory Services and Chain of Custody Form

## Geoanalytical Laboratories

15 Innovation Blvd., Saskatoon, SK Canada S7N 2X8



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	Company:	Tres-Or Resources Ltd.			
	Address:	1934 - 131 Street			
	City:	White Rock			
	Prov/PC:	B.C. V4A 7R7			
	Phone:	604-541-8376			
	Fax:	604-541-8926			
	Additional Instructions:	Email: laura_lee@telus.net			
Invoices to:	Same as above	Yes		Estimated Cost: \$9,000.00 Payment Terms: Prepayment required Authorization: I hereby authorize SRC to undertake the work as described above according to the general terms and conditions attached.	
	Name:				
	Company:				
	Address:				
	City:				
	Prov/PC:				
	Phone:				
	Fax:				
Chain of Custody:	Packaging & Instructions Enclosed:	Yes		Client Signature:  Date: Mar 14 / 06  SRC Authorization: _____ Date: _____  Group #: 06-240 Sample Numbers: 3455, 3456 3457, 3458 3459, 3460 3461, 3462, 3463 3464, 3445 3466	
	Number & type of Containers:	6 pails			
	Seals:	Yes			
	List Seal Numbers:				
	Pail #:	Pail Seal #:	Sample Seal#:		
	1	01225	001994, 001955		
2	01226	001996, 001997			
3	01227	001998, 001999			
4	01228	002000, 001610, 001611			
5	01229	001612, 001614			
6	01230	001615			
Comments:	Seal 001991 was broken.				
Name:	Bernard Gartner	Al Holsten	Received by: _____ Date \ Time Bernard Gartner March 7, 2006		
	Phone:	306-933-8118		306-933-5426	
	Fax:	306-933-5656		306-933-5656	
	Email:	gartner@src.sk.ca		Holsten@src.sk.ca	

Please sign and return by fax 306-933-5656

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## Geoanalytical Laboratories

15 Innovation Blvd., Saskatoon, SK Canada S7N 2X8



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	City:	White Rock		
	Prov/PC:	B.C. V4A 7R7		
	Phone:	604-541-8376		
	Fax:	604-541-8926		
Additional Instructions:	Email: laura_lee@telus.net			
Invoices to:	Same as above Yes			Estimated Cost: \$11,000.00 Payment Terms: Prepayment required Authorization: I hereby authorize SRC to undertake the work as described above according to the general terms and conditions attached. Client Signature: <i>[Signature]</i> Date: July 28/06 SRC Authorization: _____ Date: _____ Group #: 06-754 Sample Numbers: 3535, 3536 3537, 3538 3539, 3540 3541, 3542 3543, 3544 3545, 3546 2547, 3548
	Name:			
	Company:			
	Address:			
	City:			
	Prov/PC:			
	Phone:			
Fax:				
Additional Instructions:				
Chain of Custody:	Packaging & Instructions Enclosed: Yes			Relinquished by: _____ Date \ Time _____ Received by: Bernard Gartner Date \ Time June 12, 2006
	Number & type of Containers: 7 pails			
	Seals: Yes			
	List Seal Numbers:			
	Pail #:	Pail Seal #:	Sample Seal#:	
1	01265	001686, 001687		
2	01266	001466, 001689		
3	01267	001467, 001691		
4	01268	001692, 001694		
5	01269	001690, 001693		
6	01270	001695, 001696		
7	01271	001697, 001698		
Comments: Seal 001991 was broken.				
Name:	Bernard Gartner	Al Holsten		
Phone:	306-933-8118	306-933-5426		
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Email:	gartner@src.sk.ca	Holsten@src.sk.ca		

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JUNE 14 10 00 am

**SRC Geoanalytical Laboratories**  
125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8  
Tel: (306) 933-8118 Fax: (306) 933-5656 Email: geochem@src.sk.ca

Report No: 06-705

DDH-20

**Caustic Fusion Diamond Report**

July 05, 2006

**Tres Or**

Attention: Laura Lee Duffett

PO #/Project:

Samples: 10

- 1) Original Sample Weight in kilograms (SWT)
- 2) Bottom Sieve Size in microns (Sieve)
- 3) Diamonds > 500 microns (Macro)
- 4) Diamonds < 500 microns (Micro)
- 5) Weight of Diamonds > 500 microns in milligrams (Wt+)
- 6) Weight of Diamonds > 106 microns < 500 microns in milligrams (Wt-)
- 7) Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)
- 8) Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)
- 9) Number of synthetic diamonds recovered (whole and fragments) (SYN)

Sample #	SWT	Sieve	Macro	Micro	Wt+	Wt-	QC 1	QC 2	SYN	
3480	7.95	106	0	0	0	0	10/10	10/10	1	251 m
3481	8.40	106	0	0	0	0	10/10	10/10	2	
3482	8.25	106	0	0	0	0	9/10	10/10	2	
3483	8.10	106	0	0	0	0	9/10	10/10	7	
3484	8.20	106	0	0	0	0	10/10	10/10	3	266.75 m
3485	8.15	106	0	0	0	0	10/10	9/10	11	290.47 m
3486	8.30	106	0	2	0	0.055	9/10	9/10	10	293 - 295.03
3487	8.45	106	0	0	0	0	10/10	9/10	9	297
3488	7.85	106	0	1	0	0.004	9/10	10/10	5	297 - 299.15
3489	7.80	106	0	0	0	0	10/10	10/10	3	361.25 m

Total carats in this group is: 0.00029



**Caustic Fusion Diamond Description Detail**

Tres Or

July 05, 2006

Attention: Laura Lee Duffett

PO #/Project:

**Sample Number: 3486**

Original Sample Weight in kilograms (SWT)	8.30
Bottom Sieve Size in microns (Sieve)	106
Diamonds > 500 microns (Macro)	0
Diamonds < 500 microns (Micro)	2
Weight of Diamonds > 500 microns in milligrams (Wt+)	0
Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)	0.055
Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)	9/10
Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)	9/10
Number of synthetic diamonds recovered (whole and fragments) (SYN)	10

Fraction Size	Diamond Count	Diamond Length mm	Width mm	Height mm	Individual	Total Diamond	Diamond Description
					Diamond Weight mg	Weight in Fractions mg	
+ 212	1	0.38	0.26	0.24	0.049	0.049	Yellow, frosted, cubic, twinned, pits, crescentic steps.
+ 106	1	0.20	0.14	0.14	0.006	0.006	White, included, octahedroid, resorbed, etched trigons.

Total octacarats in this sample is: 27,500.00

**Caustic Fusion Diamond Description Detail**

July 05, 2006

**Tres Or**

Attention: Laura Lee Duffett

PO #/Project:

**Sample Number: 3488**

Original Sample Weight in kilograms (SWT)	<b>7.85</b>
Bottom Sieve Size in microns (Sieve)	<b>106</b>
Diamonds > 500 microns (Macro)	<b>0</b>
Diamonds < 500 microns (Micro)	<b>1</b>
Weight of Diamonds > 500 microns in milligrams (Wt+)	<b>0</b>
Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)	<b>0.004</b>
Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)	<b>9/10</b>
Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)	<b>10/10</b>
Number of synthetic diamonds recovered (whole and fragments) (SYN)	<b>5</b>

Fraction Size Microns	Diamond Count	Length mm	Width mm	Height mm	Individual	Total Diamond	Diamond Description
					Diamond Weight mg	Weight in Fractions mg	
+ 106	1	0.22	0.14	0.10	0.004	0.004	White, clear, fragment.

Total octacarats in this sample is: 2,000.00



Saskatchewan  
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Geoanalytical Group: 2006-706

## SRC Geoanalytical Laboratories

125 - 15 Innovation Blvd.  
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July 04, 2006

Phone: (306) 933-8118  
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### Tres Or

1934 - 131 Street  
WHITE ROCK, BC V4A 7R7  
Attn: Laura Lee Duffett

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Reviewed by: \_\_\_\_\_

Michael McCubbing  
Associate Research Geologist

*Accreditation: ISO/IEC 17025*

**Caustic Fusion Diamond Report**

**Tres Or**

July 04, 2006

Attention: Laura Lee Duffett

PO #/Project:

Samples: 15

- 1) Original Sample Weight in kilograms (SWT)
- 2) Bottom Sieve Size in microns (Sieve)
- 3) Diamonds > 500 microns (Macro)
- 4) Diamonds < 500 microns (Micro)
- 5) Weight of Diamonds > 500 microns in milligrams (Wt+)
- 6) Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)
- 7) Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)
- 8) Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)
- 9) Number of synthetic diamonds recovered (whole and fragments) (SYN)

Sample #	SWT	Sieve	Macro	Micro	Wt+	Wt-	QC 1	QC 2	SYN
3490	8.30	106	0	0	0	0	9/10	10/10	2
3491	8.00	106	0	0	0	0	10/10	8/10	2
3492	7.85	106	0	0	0	0	10/10	10/10	2
3493	8.55	106	0	0	0	0	10/10	9/10	0
3494	5.65	106	0	0	0	0	9/10	10/10	2
3495	8.10	106	0	0	0	0	10/10	8/10	1
3496	7.90	106	0	0	0	0	10/10	10/10	14
3497	8.15	106	0	0	0	0	8/10	9/10	1
3498	7.85	106	0	0	0	0	10/10	10/10	0
3499	7.75	106	0	0	0	0	8/10	10/10	3
3500	7.95	106	0	0	0	0	10/10	10/10	12
3501	8.25	106	0	0	0	0	10/10	9/10	2
3502	8.00	106	0	0	0	0	10/10	8/10	2
3503	8.05	106	0	0	0	0	8/10	8/10	1
3504	4.85	106	0	0	0	0	9/10	10/10	7



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Geoanalytical Group: 2006-705

## SRC Geoanalytical Laboratories

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July 04, 2006

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### Tres Or

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Attn: Laura Lee Duffett

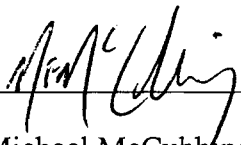
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Reviewed by: \_\_\_\_\_

  
Michael McCubbing  
Associate Research Geologist

*Accreditation: ISO/IEC 17025*

**Caustic Fusion Diamond Report**

July 05, 2006

**Tres Or**

Attention: Laura Lee Duffett

PO #/Project:

Samples: 10

- 1) Original Sample Weight in kilograms (SWT)
- 2) Bottom Sieve Size in microns (Sieve)
- 3) Diamonds > 500 microns (Macro)
- 4) Diamonds < 500 microns (Micro)
- 5) Weight of Diamonds > 500 microns in milligrams (Wt+)
- 6) Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)
- 7) Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)
- 8) Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)
- 9) Number of synthetic diamonds recovered (whole and fragments) (SYN)

Sample #	SWT	Sieve	Macro	Micro	Wt+	Wt-	QC 1	QC 2	SYN
3480	7.95	106	0	0	0	0	10/10	10/10	1
3481	8.40	106	0	0	0	0	10/10	10/10	2
3482	8.25	106	0	0	0	0	9/10	10/10	2
3483	8.10	106	0	0	0	0	9/10	10/10	7
3484	8.20	106	0	0	0	0	10/10	10/10	3
3485	8.15	106	0	0	0	0	10/10	9/10	11
3486	8.30	106	0	2	0	0.055	9/10	9/10	10
3487	8.45	106	0	0	0	0	10/10	9/10	9
3488	7.85	106	0	1	0	0.004	9/10	10/10	5
3489	7.80	106	0	0	0	0	10/10	10/10	3

Total carats in this group is: 0.00029

**Caustic Fusion Diamond Description Detail**

**Tres Or**  
 Attention: Laura Lee Duffett  
 PO #/Project:

July 05, 2006

**Sample Number: 3486**

Original Sample Weight in kilograms (SWT)	<b>8.30</b>
Bottom Sieve Size in microns (Sieve)	<b>106</b>
Diamonds > 500 microns (Macro)	<b>0</b>
Diamonds < 500 microns (Micro)	<b>2</b>
Weight of Diamonds > 500 microns in milligrams (Wt+)	<b>0</b>
Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)	<b>0.055</b>
Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)	<b>9/10</b>
Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)	<b>9/10</b>
Number of synthetic diamonds recovered (whole and fragments) (SYN)	<b>10</b>

Fraction Size	Diamond Count	Length mm	Width mm	Height mm	Individual	Total Diamond	Diamond Description
					Diamond Weight mg	Weight in Fractions mg	
+ 212	1	0.38	0.26	0.24	0.049	0.049	Yellow, frosted, cubic, twinned, pits, crescentic steps.
+ 106	1	0.20	0.14	0.14	0.006	0.006	White, included, octahedroid, resorbed, etched trigons.

Total octacarats in this sample is: 27,500.00

**Caustic Fusion Diamond Description Detail**

**Tres Or**  
 Attention: Laura Lee Duffett  
 PO #/Project:

July 05, 2006

**Sample Number: 3488**

Original Sample Weight in kilograms (SWT)	7.85
Bottom Sieve Size in microns (Sieve)	106
Diamonds > 500 microns (Macro)	0
Diamonds < 500 microns (Micro)	1
Weight of Diamonds > 500 microns in milligrams (Wt+)	0
Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)	0.004
Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)	9/10
Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)	10/10
Number of synthetic diamonds recovered (whole and fragments) (SYN)	5

Fraction Size	Diamond Count	Length mm	Width mm	Height mm	Individual	Total Diamond	Diamond Description
					Diamond Weight mg	Weight in Fractions mg	
+ 106	1	0.22	0.14	0.10	0.004	0.004	White, clear, fragment.

Total octacarats in this sample is: 2,000.00



# SRC Geoanalytical Laboratories

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Apr 19, 2006

Phone: (306) 933-8118

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## Tres Or

1934 - 131 Street  
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Attn: Laura Lee Duffett

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Reviewed by: \_\_\_\_\_



Mike McCubbing  
Associate Research Geologist

**Caustic Fusion Diamond Report**

April 20, 2006

**Tres Or**

Attention: Laura Lee Duffett

PO #/Project:

Samples: 12

- 1) Original Sample Weight in kilograms (SWT)
- 2) Bottom Sieve Size in microns (Sieve)
- 3) Diamonds > 500 microns (Macro)
- 4) Diamonds < 500 microns (Micro)
- 5) Weight of Diamonds > 500 microns in milligrams (Wt+)
- 6) Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)
- 7) Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)
- 8) Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)
- 9) Number of synthetic diamonds recovered (whole and fragments) (SYN)

Sample #	SWT	Sieve	Macro	Micro	Wt+	Wt-	QC 1	QC 2	SYN
3467	8.10	106	0	0	0	0	10/10	10/10	0
3468	8.10	106	0	0	0	0	9/10	10/10	22
3469	7.75	106	0	0	0	0	8/10	10/10	0
3470	7.85	106	0	0	0	0	10/10	9/10	0
3471	8.10	106	0	0	0	0	9/10	10/10	0
3472	8.20	106	0	0	0	0	9/10	10/10	0
3473	8.15	106	0	0	0	0	10/10	10/10	0
3474	8.30	106	0	0	0	0	9/10	10/10	0
3475	8.20	106	0	4	0	0.057	10/10	10/10	1
3476	8.15	106	0	0	0	0	10/10	10/10	0
3477	7.85	106	0	0	0	0	10/10	10/10	1
3478	7.70	106	0	0	0	0	9/10	10/10	0

Total carats in this group is: 0.00029

**Caustic Fusion Diamond Description Detail**

**Tres Or**  
 Attention: Laura Lee Duffett  
 PO #/Project:

April 20, 2006

**Sample Number: 3475**

Original Sample Weight in kilograms (SWT)	<b>8.20</b>
Bottom Sieve Size in microns (Sieve)	<b>106</b>
Diamonds > 500 microns (Macro)	<b>0</b>
Diamonds < 500 microns (Micro)	<b>4</b>
Weight of Diamonds > 500 microns in milligrams (Wt+)	<b>0</b>
Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)	<b>0.057</b>
Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)	<b>10/10</b>
Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)	<b>10/10</b>
Number of synthetic diamonds recovered (whole and fragments) (SYN)	<b>1</b>

Fraction Size Microns	Diamond Count	Length mm	Width mm	Height mm	Individual	Total Diamond	Diamond Description
					Diamond Weight mg	Weight in Fractions mg	
+ 212	1	0.60	0.44	0.32		0.041	White, frosted, dodecahedron, resorbed, rough.
+ 212	1	0.28	0.24	0.20			White, frosted, dodecahedron, resorbed, rough.
+ 150	1	0.40	0.36	0.28		0.016	White, frosted, dodecahedron, resorbed, rough.
+ 150	1	0.32	0.32	0.24			White, frosted, dodecahedron, resorbed, rough.

Total octacarats in this sample is: 28,500.00

# SRC Geoanalytical Laboratories

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Apr 19, 2006

Phone: (306) 933-8118  
Fax: (306) 933-5656

**Tres Or**  
1934 - 131 Street  
WHITE ROCK, BC V4A 7R7  
Attn: Laura Lee Duffett

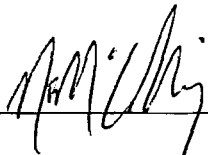
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Reviewed by: \_\_\_\_\_



Mike McCubbing  
Associate Research Geologist

**Caustic Fusion Diamond Report**

**Tres Or**

April 20, 2006

Attention: Laura Lee Duffett

PO #/Project:

Samples: 12

- 1) Original Sample Weight in kilograms (SWT)
- 2) Bottom Sieve Size in microns (Sieve)
- 3) Diamonds > 500 microns (Macro)
- 4) Diamonds < 500 microns (Micro)
- 5) Weight of Diamonds > 500 microns in milligrams (Wt+)
- 6) Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)
- 7) Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)
- 8) Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)
- 9) Number of synthetic diamonds recovered (whole and fragments) (SYN)

Sample #	SWT	Sieve	Macro	Micro	Wt+	Wt-	QC 1	QC 2	SYN
3467	8.10	106	0	0	0	0	10/10	10/10	0
3468	8.10	106	0	0	0	0	9/10	10/10	22
3469	7.75	106	0	0	0	0	8/10	10/10	0
3470	7.85	106	0	0	0	0	10/10	9/10	0
3471	8.10	106	0	0	0	0	9/10	10/10	0
3472	8.20	106	0	0	0	0	9/10	10/10	0
3473	8.15	106	0	0	0	0	10/10	10/10	0
3474	8.30	106	0	0	0	0	9/10	10/10	0
3475	8.20	106	0	4	0	0.057	10/10	10/10	1
3476	8.15	106	0	0	0	0	10/10	10/10	0
3477	7.85	106	0	0	0	0	10/10	10/10	1
3478	7.70	106	0	0	0	0	9/10	10/10	0

Total carats in this group is: 0.00029

**Caustic Fusion Diamond Description Detail**

**Tres Or**  
 Attention: Laura Lee Duffett  
 PO #/Project:

April 20, 2006

**Sample Number: 3475**

Original Sample Weight in kilograms (SWT)	<b>8.20</b>
Bottom Sieve Size in microns (Sieve)	<b>106</b>
Diamonds > 500 microns (Macro)	<b>0</b>
Diamonds < 500 microns (Micro)	<b>4</b>
Weight of Diamonds > 500 microns in milligrams (Wt+)	<b>0</b>
Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)	<b>0.057</b>
Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)	<b>10/10</b>
Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)	<b>10/10</b>
Number of synthetic diamonds recovered (whole and fragments) (SYN)	<b>1</b>

Fraction Size	Diamond Count	Length mm	Width mm	Height mm	Individual	Total Diamond	Diamond Description
					Diamond Weight mg	Weight in Fractions mg	
+ 212	1	0.60	0.44	0.32		0.041	White, frosted, dodecahedron, resorbed, rough.
+ 212	1	0.28	0.24	0.20			White, frosted, dodecahedron, resorbed, rough.
+ 150	1	0.40	0.36	0.28		0.016	White, frosted, dodecahedron, resorbed, rough.
+ 150	1	0.32	0.32	0.24			White, frosted, dodecahedron, resorbed, rough.

Total octacarats in this sample is: 28,500.00



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Geoanalytical Group: 2006-712

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July 20, 2006

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Attn: Laura Lee Duffett

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Reviewed by: \_\_\_\_\_

*Tanaya Smith*

Tanaya Smith for Michael McCubbing  
Associate Research Geologist

*Accreditation: ISO/IEC 17025*

**Caustic Fusion Diamond Report**

**Tres Or**

July 20, 2006

Attention: Laura Lee Duffett

PO #/Project:

Samples: 10

- 1) Original Sample Weight in kilograms (SWT)
- 2) Bottom Sieve Size in microns (Sieve)
- 3) Diamonds > 500 microns (Macro)
- 4) Diamonds < 500 microns (Micro)
- 5) Weight of Diamonds > 500 microns in milligrams (Wt+)
- 6) Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)
- 7) Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)
- 8) Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)
- 9) Number of synthetic diamonds recovered (whole and fragments) (SYN)

Sample #	SWT	Sieve	Macro	Micro	Wt+	Wt-	QC 1	QC 2	SYN
3505	8.05	106	0	0	0	0	10/10	10/10	7
3506	8.10	106	0	0	0	0	9/10	9/10	0
3507	8.15	106	0	0	0	0	9/10	9/10	0
3508	8.10	106	0	0	0	0	10/10	10/10	0
3509	8.40	106	0	0	0	0	10/10	10/10	0
3510	7.85	106	0	0	0	0	10/10	10/10	0
3511	8.15	106	0	0	0	0	10/10	10/10	0
3512	8.05	106	0	0	0	0	10/10	10/10	0
3513	8.00	106	0	0	0	0	10/10	10/10	0
3514	7.80	106	0	0	0	0	10/10	10/10	0





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Geoanalytical Group: 2006-713

## SRC Geoanalytical Laboratories

125 - 15 Innovation Blvd.  
Saskatoon, Saskatchewan  
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July 20, 2006

Phone: (306) 933-8118  
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**Tres Or**  
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Attn: Laura Lee Duffett

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Reviewed by: \_\_\_\_\_

Tanaya Smith for Michael McCubbing  
Associate Research Geologist

*Accreditation: ISO/IEC 17025*

**Caustic Fusion Diamond Report**

July 20, 2006

**Tres Or**

Attention: Laura Lee Duffett

PO #/Project:

Samples: 10

- 1) Original Sample Weight in kilograms (SWT)
- 2) Bottom Sieve Size in microns (Sieve)
- 3) Diamonds > 500 microns (Macro)
- 4) Diamonds < 500 microns (Micro)
- 5) Weight of Diamonds > 500 microns in milligrams (Wt+)
- 6) Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)
- 7) Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)
- 8) Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)
- 9) Number of synthetic diamonds recovered (whole and fragments) (SYN)

Sample #	SWT	Sieve	Macro	Micro	Wt+	Wt-	QC 1	QC 2	SYN
3515	8.20	106	0	0	0	0	10/10	10/10	0
3516	7.95	106	0	0	0	0	10/10	10/10	0
3517	8.05	106	0	0	0	0	8/10	8/10	0
3518	7.90	106	0	0	0	0	10/10	10/10	0
3519	7.80	106	0	0	0	0	10/10	10/10	0
3520	7.85	106	0	0	0	0	10/10	9/10	0
3521	8.15	106	0	0	0	0	10/10	10/10	0
3522	8.05	106	0	0	0	0	10/10	10/10	7
3523	7.45	106	0	0	0	0	10/10	10/10	0
3524	8.10	106	0	0	0	0	10/10	10/10	0



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Research Council

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Web: [www.src.sk.ca](http://www.src.sk.ca)  
Email: [info@src.sk.ca](mailto:info@src.sk.ca)

Geoanalytical Group: 2006-714

## SRC Geoanalytical Laboratories

125 - 15 Innovation Blvd.  
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July 27, 2006

Phone: (306) 933-8118  
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Attn: Laura Lee Duffett

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Reviewed by: \_\_\_\_\_

Michael McCubbing  
Associate Research Geologist

*Accreditation: ISO/IEC 17025*

**SRC Geoscientific Laboratories**

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Report No: 06-714

**Caustic Fusion Diamond Report****Tres Or**

July 27, 2006

Attention: Laura Lee Duffett

PO #/Project:

Samples: 10

- 1) Original Sample Weight in kilograms (SWT)
- 2) Bottom Sieve Size in microns (Sieve)
- 3) Diamonds > 500 microns (Macro)
- 4) Diamonds < 500 microns (Micro)
- 5) Weight of Diamonds > 500 microns in milligrams (Wt+)
- 6) Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)
- 7) Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)
- 8) Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)
- 9) Number of synthetic diamonds recovered (whole and fragments) (SYN)

Sample #	SWT	Sieve	Macro	Micro	Wt+	Wt-	QC 1	QC 2	SYN
3525	8.10	106	0	0	0	0	10/10	10/10	0
3526	7.65	106	0	0	0	0	10/10	10/10	0
3527	8.10	106	0	0	0	0	10/10	9/10	1
3528	7.15	106	0	0	0	0	10/10	10/10	0
3529	7.95	106	0	0	0	0	10/10	10/10	4
3530	7.85	106	0	0	0	0	10/10	10/10	2
3531	7.75	106	0	0	0	0	10/10	10/10	0
3532	8.00	106	0	0	0	0	10/10	10/10	3
3533	8.35	106	0	0	0	0	10/10	10/10	7
3534	7.85	106	0	0	0	0	10/10	8/10	0



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Geoanalytical Group: 2006-754

## SRC Geoanalytical Laboratories

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Reviewed by: \_\_\_\_\_

Michael McCubbing  
Associate Research Geologist

*Accreditation: ISO/IEC 17025*

**Caustic Fusion Diamond Report**

**Tres Or**

July 27, 2006

Attention: Laura Lee Duffett

PO #/Project:

Samples: 14

- 1) Original Sample Weight in kilograms (SWT)
- 2) Bottom Sieve Size in microns (Sieve)
- 3) Diamonds > 500 microns (Macro)
- 4) Diamonds < 500 microns (Micro)
- 5) Weight of Diamonds > 500 microns in milligrams (Wt+)
- 6) Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)
- 7) Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)
- 8) Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)
- 9) Number of synthetic diamonds recovered (whole and fragments) (SYN)

Sample #	SWT	Sieve	Macro	Micro	Wt+	Wt-	QC 1	QC 2	SYN
3525	7.80	106	0	0	0	0	10/10	10/10	9
3536	7.90	106	0	0	0	0	10/10	10/10	188
3537	7.70	106	0	0	0	0	10/10	10/10	0
3538	7.80	106	0	0	0	0	10/10	10/10	0
3539	7.90	106	0	0	0	0	10/10	10/10	0
3540	8.10	106	0	0	0	0	9/10	10/10	0
3541	7.80	106	0	0	0	0	10/10	9/10	0
3542	8.40	106	0	0	0	0	10/10	10/10	0
3543	7.95	106	0	0	0	0	10/10	10/10	1
3544	7.85	106	0	0	0	0	10/10	10/10	0
3545	8.20	106	0	0	0	0	10/10	10/10	5
3546	7.95	106	0	0	0	0	10/10	10/10	2
3547	7.95	106	0	0	0	0	9/10	10/10	0
3548	6.40	106	0	0	0	0	9/10	10/10	0

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Feb 10, 2006

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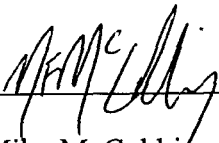
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Reviewed by: \_\_\_\_\_



Mike McCubbing  
Associate Research Geologist - REVISED REPORT

**REVISED**

**Caustic Fusion Diamond Report**

February 10, 2006

**Tres Or**

Attention: Laura Lee Duffett

PO #/Project:

Samples: 10

- 1) Original Sample Weight in kilograms (SWT)
- 2) Bottom Sieve Size in microns (Sieve)
- 3) Diamonds > 500 microns (Macro)
- 4) Diamonds < 500 microns (Micro)
- 5) Weight of Diamonds > 500 microns in milligrams (Wt+)
- 6) Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)
- 7) Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)
- 8) Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)
- 9) Number of synthetic diamonds recovered (whole and fragments) (SYN)

Sample #	SWT	Sieve	Macro	Micro	Wt+	Wt-	QC 1	QC 2	SYN
3373	7.95	106	0	1	0	0.009	10/10	10/10	0
3374	7.90	106	0	1	0	0.008	10/10	10/10	0
3375	8.00	106	0	0	0	0	10/10	10/10	0
3376	7.85	106	0	0	0	0	10/10	10/10	0
3377	8.00	106	0	0	0	0	10/10	10/10	0
3378	8.10	106	0	0	0	0	10/10	10/10	0
3379	7.85	106	0	0	0	0	10/10	10/10	0
3380	8.00	106	0	3	0	0.026	10/10	10/10	0
3381	8.25	106	0	2	0	0.013	10/10	10/10	0
3382	7.95	106	0	2	0	0.015	10/10	10/10	0

Total carats in this group is: 0.00036



**REVISED**

**Caustic Fusion Diamond Description Detail**

**Tres Or**

Attention: Laura Lee Duffett  
 PO #/Project:

February 10, 2006

**Sample Number: 3373**

Original Sample Weight in kilograms (SWT)	7.95
Bottom Sieve Size in microns (Sieve)	106
Diamonds > 500 microns (Macro)	0
Diamonds < 500 microns (Micro)	1
Weight of Diamonds > 500 microns in milligrams (Wt+)	0
Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)	0.009
Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)	10/10
Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)	10/10
Number of synthetic diamonds recovered (whole and fragments) (SYN)	0

					Individual	Total Diamond	
Fraction Size	Diamond Length	Width	Height	Diamond Weight	Weight in Fractions	Diamond Description	
Microns	Count	mm	mm	mm	mg	mg	
+ 150	1	0.24	0.20	0.16		0.009	White, cloudy, distorted, rough.

Total octacarat in this sample is: 4,500.00

**REVISED**

**Caustic Fusion Diamond Description Detail**

**Tres Or**  
 Attention: Laura Lee Duffett  
 PO #/Project:

February 10, 2006

**Sample Number: 3374**

Original Sample Weight in kilograms (SWT)	7.90
Bottom Sieve Size in microns (Sieve)	106
Diamonds > 500 microns (Macro)	0
Diamonds < 500 microns (Micro)	1
Weight of Diamonds > 500 microns in milligrams (Wt+)	0
Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)	0.008
Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)	10/10
Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)	10/10
Number of synthetic diamonds recovered (whole and fragments) (SYN)	0

Fraction Size	Diamond Count	Length mm	Width mm	Height mm	Individual	Total Diamond	Diamond Description
					Diamond Weight mg	Weight in Fractions mg	
+ 150	1	0.34	0.30	0.20		0.008	Colorless, included, distorted, broken, rough.

Total octacarats in this sample is: 4,000.00

**REVISED**

**Caustic Fusion Diamond Description Detail**

**Tres Or**

Attention: Laura Lee Duffett

PO #/Project:

February 10, 2006

**Sample Number: 3380**

Original Sample Weight in kilograms (SWT)	8.00
Bottom Sieve Size in microns (Sieve)	106
Diamonds > 500 microns (Macro)	0
Diamonds < 500 microns (Micro)	3
Weight of Diamonds > 500 microns in milligrams (Wt+)	0
Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)	0.026
Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)	10/10
Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)	10/10
Number of synthetic diamonds recovered (whole and fragments) (SYN)	0

		Individual			Total Diamond		
Fraction	Size	Diamond Length	Width	Height	Diamond Weight	Weight in Fractions	Diamond Description
Microns	Count	mm	mm	mm	mg	mg	
+ 212	1	0.42	0.20	0.20		0.016	White, included, distorted, broken, rough.
+ 106	1	0.34	0.16	0.14		0.010	White, cloudy, distorted, broken.
+ 106	1	0.24	0.20	0.14			White, cloudy, distorted, rough.

Total octacarats in this sample is: 13,000.00

**REVISED**

**Caustic Fusion Diamond Description Detail**

**Tres Or**

Attention: Laura Lee Duffett

PO #/Project:

February 10, 2006

**Sample Number: 3381**

Original Sample Weight in kilograms (SWT)	<b>8.25</b>
Bottom Sieve Size in microns (Sieve)	<b>106</b>
Diamonds > 500 microns (Macro)	<b>0</b>
Diamonds < 500 microns (Micro)	<b>2</b>
Weight of Diamonds > 500 microns in milligrams (Wt+)	<b>0</b>
Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)	<b>0.013</b>
Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)	<b>10/10</b>
Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)	<b>10/10</b>
Number of synthetic diamonds recovered (whole and fragments) (SYN)	<b>0</b>

Fraction Size Microns	Diamond Count	Length mm	Width mm	Height mm	Individual	Total Diamond	Diamond Description
					Diamond Weight mg	Weight in Fractions mg	
+ 150	1	0.28	0.18	0.10		0.010	White, frosted, distorted, broken, rough.
+ 106	1	0.18	0.12	0.06		0.003	White, frosted, fragment, rough.

Total octacarats in this sample is: 6,500.00

**REVISED**

**Caustic Fusion Diamond Description Detail**

**Tres Or**

Attention: Laura Lee Duffett

PO #/Project:

February 10, 2006

**Sample Number: 3382**

Original Sample Weight in kilograms (SWT)	<b>7.95</b>
Bottom Sieve Size in microns (Sieve)	<b>106</b>
Diamonds > 500 microns (Macro)	<b>0</b>
Diamonds < 500 microns (Micro)	<b>2</b>
Weight of Diamonds > 500 microns in milligrams (Wt+)	<b>0</b>
Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)	<b>0.015</b>
Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)	<b>10/10</b>
Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)	<b>10/10</b>
Number of synthetic diamonds recovered (whole and fragments) (SYN)	<b>0</b>

Fraction Size	Diamond Count	Diamond Length mm	Width mm	Height mm	Individual	Total Diamond	Diamond Description
					Diamond Weight mg	Weight in Fractions mg	
+ 150	1	0.30	0.24	0.16		0.011	White, cloudy, distorted.
+ 106	1	0.24	0.14	0.12		0.004	White, cloudy, distorted.

Total octacarats in this sample is: 7,500.00

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Feb 06, 2006

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Reviewed by: \_\_\_\_\_



Mike McCubbing  
Associate Research Geologist

**Caustic Fusion Diamond Report**

**Tres Or**

Attention: Laura Lee Duffett

PO #/Project:

Samples: 10

February 6, 2006

- 1) Original Sample Weight in kilograms (SWT)
- 2) Bottom Sieve Size in microns (Sieve)
- 3) Diamonds > 500 microns (Macro)
- 4) Diamonds < 500 microns (Micro)
- 5) Weight of Diamonds > 500 microns in milligrams (Wt+)
- 6) Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)
- 7) Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)
- 8) Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)
- 9) Number of synthetic diamonds recovered (whole and fragments) (SYN)

Sample #	SWT	Sieve	Macro	Micro	Wt+	Wt-	QC 1	QC 2	SYN
3393	8.15	106	0	27	0	0.644	10/10	10/10	465
3394	8.00	106	0	0	0	0	10/10	10/10	2
3395	8.05	106	0	0	0	0	10/10	10/10	0
3396	8.20	106	0	0	0	0	10/10	10/10	0
3397	8.20	106	0	0	0	0	10/10	10/10	0
3398	8.00	106	0	0	0	0	10/10	10/10	0
3399	8.05	106	0	0	0	0	10/10	10/10	0
3400	7.95	106	0	0	0	0	10/10	10/10	0
3401	7.80	106	0	0	0	0	10/10	10/10	0
3402	8.05	106	0	1	0	0.002	10/10	10/10	0

Total carats in this group is: 0.00323

**Caustic Fusion Diamond Description Detail**

**Tres Or**

Attention: Laura Lee Duffett

PO #/Project:

February 6, 2006

**Sample Number: 3393**

Original Sample Weight in kilograms (SWT)	<b>8.15</b>
Bottom Sieve Size in microns (Sieve)	<b>106</b>
Diamonds > 500 microns (Macro)	<b>0</b>
Diamonds < 500 microns (Micro)	<b>27</b>
Weight of Diamonds > 500 microns in milligrams (Wt+)	<b>0</b>
Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)	<b>0.644</b>
Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)	<b>10/10</b>
Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)	<b>10/10</b>
Number of synthetic diamonds recovered (whole and fragments) (SYN)	<b>465</b>

Fraction Size Microns	Diamond Count	Length mm	Width mm	Height mm	Individual	Total Diamond	Diamond Description
					Diamond Weight mg	Weight in Fractions mg	
+ 300	1	0.90	0.38	0.20	0.191	0.386	White, frosted, fragment, lamination.
+ 300	1	0.56	0.38	0.16	0.099		White, clear, fragment, lamination.
+ 300	1	0.56	0.36	0.28	0.096		White, frosted, fragment, lamination.
+ 212	1	0.44	0.26	0.16		0.083	Amber, included, fragment, lamination.
+ 212	1	0.38	0.28	0.18			Colorless, clear, fragment, lamination.
+ 150	1	0.38	0.18	0.12		0.107	White, frosted, fragment, lamination.
+ 150	1	0.38	0.18	0.10			White, cloudy, fragment, lamination.
+ 150	1	0.36	0.16	0.14			White, clear, fragment, lamination.
+ 150	1	0.34	0.26	0.18			White, cloudy, fragment, lamination.
+ 150	1	0.30	0.20	0.04			Colorless, clear, fragment, lamination.
+ 150	1	0.24	0.20	0.06			White, clear, fragment.
+ 150	1	0.24	0.16	0.10			White, frosted, fragment.
+ 150	1	0.22	0.16	0.08			White, cloudy, fragment, rough, lamination.
+ 106	1	0.36	0.12	0.10		0.068	White, clear, fragment.
+ 106	1	0.34	0.14	0.10			White, clear, fragment.
+ 106	1	0.32	0.14	0.08			White, clear, fragment.



**Caustic Fusion Diamond Description Detail**

Tres Or  
 Attention: Laura Lee Duffett  
 PO #/Project:

February 6, 2006

**Sample Number: 3393**

Fraction	Size	Diamond	Length	Width	Height	Individual Diamond Weight mg	Total Diamond Weight in Fractions mg	Diamond Description
Microns	Count	mm	mm	mm	mm			
+ 106	1	0.28	0.14	0.08				White, clear, fragment.
+ 106	1	0.26	0.24	0.04				Colorless, clear, fragment.
+ 106	1	0.26	0.12	0.10				White, clear, fragment.
+ 106	1	0.26	0.12	0.10				White, clear, fragment.
+ 106	1	0.26	0.12	0.08				White, frosted, fragment.
+ 106	1	0.22	0.14	0.12				Colorless, clear, fragment.
+ 106	1	0.20	0.14	0.04				White, frosted, fragment.
+ 106	1	0.20	0.12	0.06				White, clear, fragment.
+ 106	1	0.18	0.14	0.06				White, frosted, fragment.
+ 106	1	0.18	0.14	0.06				White, clear, fragment.
+ 106	1	0.16	0.14	0.08				White, frosted, fragment.

Total octacarats in this sample is: 322,000.00

**Caustic Fusion Diamond Description Detail**

**Tres Or**

Attention: Laura Lee Duffett

PO #/Project:

February 6, 2006

**Sample Number: 3402**

Original Sample Weight in kilograms (SWT)	<b>8.05</b>
Bottom Sieve Size in microns (Sieve)	<b>106</b>
Diamonds > 500 microns (Macro)	<b>0</b>
Diamonds < 500 microns (Micro)	<b>1</b>
Weight of Diamonds > 500 microns in milligrams (Wt+)	<b>0</b>
Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)	<b>0.002</b>
Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)	<b>10/10</b>
Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)	<b>10/10</b>
Number of synthetic diamonds recovered (whole and fragments) (SYN)	<b>0</b>

Fraction Size Microns	Diamond Count	Length mm	Width mm	Height mm	Individual	Total Diamond	Diamond Description
					Diamond Weight mg	Weight in Fractions mg	
+ 106	1	0.20	0.14	0.06		0.002	Colorless, clear, fragment.

Total octacarats in this sample is: 1,000.00

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Feb 10, 2006

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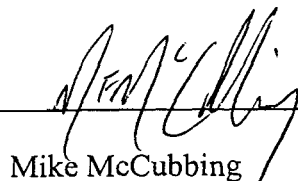
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Reviewed by: \_\_\_\_\_



Mike McCubbing  
Associate Research Geologist - REVISED REPORT

**REVISED**

**Caustic Fusion Diamond Report**

**Tres Or**

February 10, 2006

Attention: Laura Lee Duffett

PO #/Project:

Samples: 10

- 1) Original Sample Weight in kilograms (SWT)
- 2) Bottom Sieve Size in microns (Sieve)
- 3) Diamonds > 500 microns (Macro)
- 4) Diamonds < 500 microns (Micro)
- 5) Weight of Diamonds > 500 microns in milligrams (Wt+)
- 6) Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)
- 7) Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)
- 8) Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)
- 9) Number of synthetic diamonds recovered (whole and fragments) (SYN)

Sample #	SWT	Sieve	Macro	Micro	Wt+	Wt-	QC 1	QC 2	SYN
3383	7.95	106	0	0	0	0	10/10	10/10	0
3384	8.00	106	0	0	0	0	10/10	10/10	0
3385	7.75	106	0	0	0	0	10/10	10/10	0
3386	8.10	106	0	0	0	0	9/10	10/10	0
3387	8.10	106	0	0	0	0	10/10	10/10	0
3388	7.95	106	0	0	0	0	8/10	10/10	0
3389	7.80	106	0	14	0	0.180	10/10	10/10	0
3390	8.15	106	4	154	2.006	3.688	10/10	10/10	1
3391	7.85	106	0	36	0	0.809	9/10	10/10	1
3392	7.10	106	0	0	0	0	10/10	10/10	0

Total carats in this group is: 0.03342

**REVISED**

**Caustic Fusion Diamond Description Detail**

**Tres Or**

Attention: Laura Lee Duffett

PO #/Project:

February 10, 2006

**Sample Number: 3389**

Original Sample Weight in kilograms (SWT)	7.80
Bottom Sieve Size in microns (Sieve)	106
Diamonds > 500 microns (Macro)	0
Diamonds < 500 microns (Micro)	14
Weight of Diamonds > 500 microns in milligrams (Wt+)	0
Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)	0.180
Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)	10/10
Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)	10/10
Number of synthetic diamonds recovered (whole and fragments) (SYN)	0

Fraction Size	Diamond Count	Length mm	Width mm	Height mm	Individual	Total Diamond	Diamond Description
					Diamond Weight mg	Weight in Fractions mg	
+ 300	1	0.52	0.34	0.26	0.063	0.122	White, included, distorted, stepped/ribbed, serrate laminae, rough, lamination.
+ 300	1	0.54	0.50	0.20	0.059		White, frosted, fragment, lamination.
+ 150	1	0.36	0.24	0.06		0.027	White, frosted, fragment, lamination.
+ 150	1	0.34	0.24	0.10			White, frosted, irregular, resorbed, serrate laminae, rough, lamination.
+ 106	1	0.24	0.16	0.10		0.031	White, clear, fragment, lamination.
+ 106	1	0.22	0.12	0.08			White, clear, fragment, lamination.
+ 106	1	0.20	0.10	0.04			White, clear, fragment, lamination.
+ 106	1	0.18	0.16	0.10			White, clear, fragment, lamination.
+ 106	1	0.18	0.10	0.10			White, clear, fragment, lamination.
+ 106	1	0.16	0.16	0.10			White, clear, fragment, lamination.
+ 106	1	0.16	0.12	0.12			White, clear, fragment, lamination.
+ 106	1	0.14	0.10	0.06			White, clear, fragment.
+ 106	1	0.12	0.10	0.08			White, clear, fragment.
+ 106	1	0.12	0.10	0.08			White, clear, octahedron.

**SRC Geoanalytical Laboratories**  
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Report No: 06-42

**REVISED**

**Caustic Fusion Diamond Description Detail**

**Tres Or**  
Attention: Laura Lee Duffett  
PO #/Project:

February 10, 2006

**Sample Number: 3389**

Total octacarats in this sample is: 90,000.00

**REVISED**

**Caustic Fusion Diamond Description Detail**

**Tres Or**

Attention: Laura Lee Duffett

PO #/Project:

February 10, 2006

**Sample Number: 3390**

Original Sample Weight in kilograms (SWT)	8.15
Bottom Sieve Size in microns (Sieve)	106
Diamonds > 500 microns (Macro)	4
Diamonds < 500 microns (Micro)	154
Weight of Diamonds > 500 microns in milligrams (Wt+)	2.006
Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)	3.688
Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)	10/10
Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)	10/10
Number of synthetic diamonds recovered (whole and fragments) (SYN)	1

Fraction Size Microns	Diamond Count	Length mm	Width mm	Height mm	Individual	Total Diamond	Diamond Description
					Diamond Weight mg	Weight in Fractions mg	
+ 600	1	1.12	0.80	0.36	0.609	2.006	White, included, fragment, lamination.
+ 600	1	0.86	0.80	0.44	0.507		White, cloudy, fragment, rough, lamination.
+ 600	1	0.98	0.62	0.48	0.462		White, included, fragment, stepped/ribbed, lamination.
+ 600	1	0.84	0.68	0.28	0.428		White, cloudy, fragment, stepped/ribbed, hillocks, lamination.
+ 425	1	0.72	0.48	0.22	0.200	0.487	White, cloudy, fragment, lamination.
+ 425	1	0.62	0.46	0.24	0.145		White, frosted, fragment.
+ 425	1	0.56	0.42	0.32	0.142		White, cloudy, fragment, lamination.
+ 300	1	0.60	0.38	0.30	0.191	1.497	White, frosted, fragment, lamination.
+ 300	1	0.58	0.36	0.26	0.140		White, frosted, fragment, lamination.
+ 300	1	0.52	0.36	0.20	0.133		White, cloudy, fragment, rough, lamination.
+ 300	1	0.46	0.36	0.28	0.130		Colorless, clear, fragment, lamination.
+ 300	1	0.64	0.38	0.18	0.122		White, frosted, fragment, lamination.
+ 300	1	0.68	0.38	0.10	0.112		White, cloudy, fragment, rough.
+ 300	1	0.54	0.32	0.20	0.109		White, frosted, fragment, lamination.
+ 300	1	0.52	0.36	0.18	0.108		White, included, fragment, lamination.
+ 300	1	0.66	0.30	0.20	0.105		Amber, frosted, fragment, lamination.
+ 300	1	0.66	0.30	0.10	0.105		White, frosted, fragment, lamination.

**REVISED**

**Caustic Fusion Diamond Description Detail**

Tres Or  
 Attention: Laura Lee Duffett  
 PO #/Project:

February 10, 2006

**Sample Number: 3390**

Fraction Size	Diamond Count	Length mm	Width mm	Height mm	Individual	Total Diamond	Diamond Description
					Diamond Weight mg	Weight in Fractions mg	
+ 300	1	0.42	0.38	0.12	0.090		Colorless, clear, fragment, rough.
+ 300	1	0.52	0.38	0.22	0.083		White, frosted, fragment, rough, lamination.
+ 300	1	0.52	0.34	0.18	0.069		White, cloudy, fragment, rough.
+ 212	25					0.830	
+ 150	47					0.533	
+ 106	66					0.341	

Total octacarats in this sample is: 2,847,000.00



**REVISED**

**Caustic Fusion Diamond Description Detail**

Tres Or  
 Attention: Laura Lee Duffett  
 PO #/Project:

February 10, 2006

**Sample Number: 3391**

Original Sample Weight in kilograms (SWT)	<b>7.85</b>
Bottom Sieve Size in microns (Sieve)	<b>106</b>
Diamonds > 500 microns (Macro)	<b>0</b>
Diamonds < 500 microns (Micro)	<b>36</b>
Weight of Diamonds > 500 microns in milligrams (Wt+)	<b>0</b>
Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)	<b>0.809</b>
Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)	<b>9/10</b>
Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)	<b>10/10</b>
Number of synthetic diamonds recovered (whole and fragments) (SYN)	<b>1</b>

Fraction Size	Diamond Count	Length mm	Width mm	Height mm	Individual	Total Diamond	Diamond Description
					Diamond Weight mg	Weight in Fractions mg	
+ 300	1	0.60	0.56	0.36	0.140	0.218	White, frosted, distorted, broken, rough.
+ 300	1	0.60	0.40	0.34	0.078		White, frosted, distorted, broken, serrate laminae, rough.
+ 212	10					0.381	
+ 150	10					0.123	
+ 106	14					0.087	

Total octacarats in this sample is: 404,500.00

# SRC Geoanalytical Laboratories

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Feb 15, 2006

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**Tres Or**

1934 - 131 Street  
WHITE ROCK, BC V4A 7R7  
Attn: Laura Lee Duffett

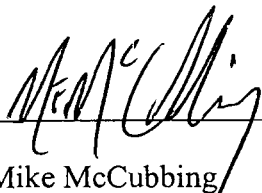
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Reviewed by: \_\_\_\_\_



Mike McCubbing  
Associate Research Geologist

**Caustic Fusion Diamond Report**

**Tres Or**

Attention: Laura Lee Duffett

PO #/Project:

Samples: 17

February 16, 2006

- 1) Original Sample Weight in kilograms (SWT)
- 2) Bottom Sieve Size in microns (Sieve)
- 3) Diamonds > 500 microns (Macro)
- 4) Diamonds < 500 microns (Micro)
- 5) Weight of Diamonds > 500 microns in milligrams (Wt+)
- 6) Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)
- 7) Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)
- 8) Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)
- 9) Number of synthetic diamonds recovered (whole and fragments) (SYN)

Sample #	SWT	Sieve	Macro	Micro	Wt+	Wt-	QC 1	QC 2	SYN
3403	7.90	106	0	0	0	0	10/10	10/10	0
3404	8.05	106	0	0	0	0	9/10	9/10	1
3405	3.45	106	0	0	0	0	10/10	10/10	0
3406	8.10	106	0	7	0	0.038	10/10	10/10	0
3407	7.95	106	0	2	0	0.008	10/10	10/10	0
3408	8.25	106	0	1	0	0.008	10/10	10/10	0
3409	8.00	106	0	1	0	0.003	10/10	10/10	0
3410	8.05	106	0	0	0	0	10/10	10/10	0
3411	8.05	106	0	0	0	0	10/10	10/10	0
3412	8.15	106	0	0	0	0	10/10	10/10	0
3413	8.20	106	0	0	0	0	10/10	10/10	0
3414	7.85	106	0	0	0	0	10/10	10/10	0
3415	7.80	106	0	0	0	0	10/10	10/10	0
3416	7.90	106	0	1	0	0.010	10/10	10/10	0
3417	8.00	106	0	0	0	0	10/10	10/10	0
3418	8.00	106	0	0	0	0	9/10	9/10	0
3419	7.20	106	0	0	0	0	10/10	10/10	0

Total carats in this group is: 0.00034

**Caustic Fusion Diamond Description Detail**

Tres Or

Attention: Laura Lee Duffett

PO #/Project:

February 16, 2006

**Sample Number: 3406**

Original Sample Weight in kilograms (SWT)	8.10
Bottom Sieve Size in microns (Sieve)	106
Diamonds > 500 microns (Macro)	0
Diamonds < 500 microns (Micro)	7
Weight of Diamonds > 500 microns in milligrams (Wt+)	0
Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)	0.038
Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)	10/10
Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)	10/10
Number of synthetic diamonds recovered (whole and fragments) (SYN)	0

Fraction Size	Diamond Count	Length mm	Width mm	Height mm	Individual	Total Diamond	Diamond Description
					Diamond Weight mg	Weight in Fractions mg	
+ 106	1	0.34	0.14	0.04		0.038	Colorless, clear, fragment.
+ 106	1	0.30	0.14	0.08			White, cloudy, fragment.
+ 106	1	0.20	0.14	0.10			White, cloudy, fragment.
+ 106	1	0.20	0.14	0.10			White, frosted, fragment.
+ 106	1	0.20	0.12	0.08			White, cloudy, fragment.
+ 106	1	0.18	0.14	0.12			White, included, fragment.
+ 106	1	0.18	0.14	0.08			White, clear, fragment.

Total octacarats in this sample is: 19,000.00

**Caustic Fusion Diamond Description Detail**

**Tres Or**  
 Attention: Laura Lee Duffett  
 PO #/Project:

February 16, 2006

**Sample Number: 3407**

Original Sample Weight in kilograms (SWT)	<b>7.95</b>
Bottom Sieve Size in microns (Sieve)	<b>106</b>
Diamonds > 500 microns (Macro)	<b>0</b>
Diamonds < 500 microns (Micro)	<b>2</b>
Weight of Diamonds > 500 microns in milligrams (Wt+)	<b>0</b>
Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)	<b>0.008</b>
Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)	<b>10/10</b>
Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)	<b>10/10</b>
Number of synthetic diamonds recovered (whole and fragments) (SYN)	<b>0</b>

		<b>Individual</b>			<b>Total Diamond</b>	
<b>Fraction Size</b>	<b>Diamond Length</b>	<b>Width</b>	<b>Height</b>	<b>Diamond Weight</b>	<b>Weight in Fractions</b>	<b>Diamond Description</b>
<b>Microns</b>	<b>Count</b>	<b>mm</b>	<b>mm</b>	<b>mg</b>	<b>mg</b>	
+ 106	1	0.16	0.14	0.10	0.008	White, frosted, octahedroid, twinned.
+ 106	1	0.16	0.12	0.10		White, frosted, thh, resorbed.

Total octacarats in this sample is: 4,000.00

**Caustic Fusion Diamond Description Detail**

**Tres Or**

Attention: Laura Lee Duffett

PO #/Project:

February 16, 2006

**Sample Number: 3408**

Original Sample Weight in kilograms (SWT)	<b>8.25</b>
Bottom Sieve Size in microns (Sieve)	<b>106</b>
Diamonds > 500 microns (Macro)	<b>0</b>
Diamonds < 500 microns (Micro)	<b>1</b>
Weight of Diamonds > 500 microns in milligrams (Wt+)	<b>0</b>
Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)	<b>0.008</b>
Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)	<b>10/10</b>
Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)	<b>10/10</b>
Number of synthetic diamonds recovered (whole and fragments) (SYN)	<b>0</b>

Fraction Size		Individual			Total Diamond	
Diamond Length	Width	Height	Diamond Weight	Weight in Fractions	Diamond Description	
Microns	Count	mm	mm	mm	mg	
+ 150	1	0.40	0.18	0.14	0.008	White, frosted, fragment, serrate laminae.

Total octacarats in this sample is: 4,000.00

**Caustic Fusion Diamond Description Detail**

**Tres Or**  
 Attention: Laura Lee Duffett  
 PO #/Project:

February 16, 2006

**Sample Number: 3409**

Original Sample Weight in kilograms (SWT)	8.00
Bottom Sieve Size in microns (Sieve)	106
Diamonds > 500 microns (Macro)	0
Diamonds < 500 microns (Micro)	1
Weight of Diamonds > 500 microns in milligrams (Wt+)	0
Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)	0.003
Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)	10/10
Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)	10/10
Number of synthetic diamonds recovered (whole and fragments) (SYN)	0

Fraction Size	Diamond Length	Width	Height	Individual Diamond Weight	Total Diamond Weight in Fractions	Diamond Description
Microns	Count	mm	mm	mg	mg	
+ 106	1	0.24	0.14	0.06	0.003	Colorless, clear, fragment.

Total octacarats in this sample is: 1,500.00

**Caustic Fusion Diamond Description Detail**

Tres Or  
 Attention: Laura Lee Duffett  
 PO #/Project:

February 16, 2006

**Sample Number: 3416**

Original Sample Weight in kilograms (SWT)	7.90
Bottom Sieve Size in microns (Sieve)	106
Diamonds > 500 microns (Macro)	0
Diamonds < 500 microns (Micro)	1
Weight of Diamonds > 500 microns in milligrams (Wt+)	0
Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)	0.010
Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)	10/10
Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)	10/10
Number of synthetic diamonds recovered (whole and fragments) (SYN)	0

Fraction Size Microns	Diamond Count	Length mm	Width mm	Height mm	Individual	Total Diamond	Diamond Description
					Diamond Weight mg	Weight in Fractions mg	
+ 150	1	0.28	0.20	0.10		0.010	Colorless, clear, fragment.

Total octacarats in this sample is: 5,000.00



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Feb 23, 2006

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## Tres Or

1934 - 131 Street  
WHITE ROCK, BC V4A 7R7  
Attn: Laura Lee Duffett

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Reviewed by: \_\_\_\_\_



Bernard Gartner  
Manager

**Caustic Fusion Diamond Report**

**Tres Or**

Attention: Laura Lee Duffett

PO #/Project:

Samples: 5

February 23, 2006

- 1) Original Sample Weight in kilograms (SWT)
- 2) Bottom Sieve Size in microns (Sieve)
- 3) Diamonds > 500 microns (Macro)
- 4) Diamonds < 500 microns (Micro)
- 5) Weight of Diamonds > 500 microns in milligrams (Wt+)
- 6) Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)
- 7) Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)
- 8) Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)
- 9) Number of synthetic diamonds recovered (whole and fragments) (SYN)

Sample #	SWT	Sieve	Macro	Micro	Wt+	Wt-	QC 1	QC 2	SYN
3420	7.20	106	0	1	0	0.012	10/10	10/10	0
3421	8.05	106	0	1	0	0.004	10/10	10/10	0
3422	7.75	106	3	71	1.456	1.920	10/10	10/10	0
3423	8.25	106	1	34	0.988	0.641	10/10	9/10	0
3424	5.25	106	0	1	0	0.006	10/10	10/10	0

Total carats in this group is: 0.02514

**Caustic Fusion Diamond Description Detail**

Tres Or  
 Attention: Laura Lee Duffett  
 PO #/Project:

February 23, 2006

**Sample Number: 3420**

Original Sample Weight in kilograms (SWT)	7.20
Bottom Sieve Size in microns (Sieve)	106
Diamonds > 500 microns (Macro)	0
Diamonds < 500 microns (Micro)	1
Weight of Diamonds > 500 microns in milligrams (Wt+)	0
Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)	0.012
Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)	10/10
Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)	10/10
Number of synthetic diamonds recovered (whole and fragments) (SYN)	0

Fraction Size Microns	Diamond Count	Length mm	Width mm	Height mm	Individual	Total Diamond	Diamond Description
					Diamond Weight mg	Weight in Fractions mg	
+ 150	1					0.012	

Total octacarats in this sample is: 6,000.00

**Caustic Fusion Diamond Description Detail**

Tres Or  
 Attention: Laura Lee Duffett  
 PO #/Project:

February 23, 2006

**Sample Number: 3421**

Original Sample Weight in kilograms (SWT)	8.05
Bottom Sieve Size in microns (Sieve)	106
Diamonds > 500 microns (Macro)	0
Diamonds < 500 microns (Micro)	1
Weight of Diamonds > 500 microns in milligrams (Wt+)	0
Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)	0.004
Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)	10/10
Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)	10/10
Number of synthetic diamonds recovered (whole and fragments) (SYN)	0

Fraction Size Microns	Diamond Count	Length mm	Width mm	Height mm	Individual	Total Diamond	Diamond Description
					Diamond Weight mg	Weight in Fractions mg	
+ 106	1					0.004	

Total octacarats in this sample is: 2,000.00

**Caustic Fusion Diamond Description Detail**

**Tres Or**

Attention: Laura Lee Duffett  
 PO #/Project:

February 23, 2006

**Sample Number: 3422**

Original Sample Weight in kilograms (SWT)	7.75
Bottom Sieve Size in microns (Sieve)	106
Diamonds > 500 microns (Macro)	3
Diamonds < 500 microns (Micro)	71
Weight of Diamonds > 500 microns in milligrams (Wt+)	1.456
Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)	1.920
Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)	10/10
Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)	10/10
Number of synthetic diamonds recovered (whole and fragments) (SYN)	0

Fraction Size	Diamond Count	Length mm	Width mm	Height mm	Individual	Total Diamond	Diamond Description
					Diamond Weight mg	Weight in Fractions mg	
+ 600	1	1.22	0.70	0.50	0.639	0.639	Colorless, included, fragment, lamination.
+ 425	1	0.82	0.52	0.50	0.516	1.337	White, frosted, distorted.
+ 425	1	0.80	0.60	0.50	0.301		White, frosted, distorted, rough.
+ 425	1	0.72	0.46	0.42	0.307		Colorless, included, distorted, broken, rough, lamination.
+ 425	1	0.80	0.44	0.40	0.213		White, included, distorted, rough.
+ 300	1	0.58	0.32	0.24	0.120	0.346	White, frosted, distorted, broken, rough.
+ 300	1	0.44	0.30	0.26	0.082		White, frosted, fragment.
+ 300	1	0.38	0.34	0.32	0.078		White, frosted, distorted, broken.
+ 300	1	0.38	0.30	0.24	0.066		White, frosted, distorted, rough.
+ 212	17					0.577	
+ 150	31					0.389	
+ 106	17					0.088	

Total octacarats in this sample is: 1,688,000.00

**Caustic Fusion Diamond Description Detail**

**Tres Or**  
 Attention: Laura Lee Duffett  
 PO #/Project:

February 23, 2006

**Sample Number: 3423**

Original Sample Weight in kilograms (SWT)	<b>8.25</b>
Bottom Sieve Size in microns (Sieve)	<b>106</b>
Diamonds > 500 microns (Macro)	<b>1</b>
Diamonds < 500 microns (Micro)	<b>34</b>
Weight of Diamonds > 500 microns in milligrams (Wt+)	<b>0.988</b>
Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)	<b>0.641</b>
Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)	<b>10/10</b>
Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)	<b>9/10</b>
Number of synthetic diamonds recovered (whole and fragments) (SYN)	<b>0</b>

Fraction Size Microns	Diamond Count	Length mm	Width mm	Height mm	Individual	Total Diamond	Diamond Description
					Diamond Weight mg	Weight in Fractions mg	
+ 600	1	0.86	0.70	0.46	0.988	0.988	White, frosted, distorted, broken, lamination.
+ 425	1	0.68	0.50	0.44	0.217	0.217	White, frosted, distorted, broken, stepped/ribbed.
+ 300	1	0.60	0.44	0.40	0.140	0.140	White, frosted, distorted, broken.
+ 150	13					0.182	
+ 106	19					0.102	

Total octacarats in this sample is: 814,500.00

**Caustic Fusion Diamond Description Detail**

**Tres Or**

Attention: Laura Lee Duffett

PO #/Project:

February 23, 2006

**Sample Number: 3424**

Original Sample Weight in kilograms (SWT)	5.25
Bottom Sieve Size in microns (Sieve)	106
Diamonds > 500 microns (Macro)	0
Diamonds < 500 microns (Micro)	1
Weight of Diamonds > 500 microns in milligrams (Wt+)	0
Weight of Diamonds >106 microns < 500 microns in milligrams (Wt-)	0.006
Number of QC/QA Tracers (-212+180microns) Recovered Fusion (QC 1)	10/10
Number of QC/QA Tracers (-300+250microns) Recovered Chemical Treatment (QC 2)	10/10
Number of synthetic diamonds recovered (whole and fragments) (SYN)	0

		Individual			Total Diamond		
Fraction Size	Diamond Count	Length	Width	Height	Diamond Weight	Weight in Fractions	Diamond Description
Microns		mm	mm	mm	mg	mg	
+ 106	1					0.006	

Total octacarats in this sample is: 3,000.00

**SGS Lakefield Research Limited**

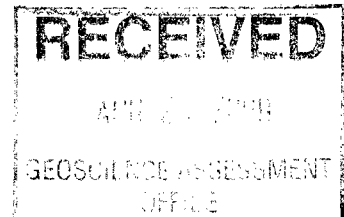
**MICRODIAMOND EXTRACTION, SELECTION  
AND DESCRIPTION**

**2.41496**

prepared for

**TRES-OR RESOURCES LTD.**

8901-398 LIMS#MI0001 & MI0002-JUL05



**NOTE:**

This report refers to the samples as received.

The practice of this Company in issuing reports of this nature is to require the recipient not to publish the report or any part thereof without the written consent of SGS Lakefield Research Limited.

**Lakefield Research**

SGS Lakefield Research Limited

P.O. Box 4300, 185 Concession Street, Lakefield, Ontario, Canada K0L 2H0  
Tel: (705) 652-2000 Fax: (705) 652-6365 [www.sglakefield.com](http://www.sglakefield.com) [www.sgs.com](http://www.sgs.com)

Member of SGS SA Group

August 12, 2005



## Summary

### Microdiamond Extraction, Selection and Description

Microdiamond extraction, selection and description were performed for 17 samples, listed in Table 1. Caustic dissolution residues were collected on a 150 mesh (100 µm) screen, then submitted for Frantz magnetic separation to isolate the microdiamonds in the non-paramagnetic fraction. All results are reported as Certificates of Analysis in Appendix A.

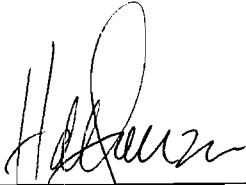
**Table 1: Sample List**

LIMS #	Sample Name
MI0001-JUL05	3052
	3054
	3056
	3058
	3060
	3062
	3064
	3066
	3068
MI0002-JUL05	3070
	3072
	3074
	3076
	3078
	3080
	3082
3084	

A detailed description of the microdiamond extraction process, as well as a generalized processing flow sheet, may be found in Appendix B.

As part of our on-going commitment to providing a high quality service and to monitor the recovery efficiency of sample material in each kiln pot, we customarily put spikes in each sample and recover these spikes at the end of the process during microdiamond selection. The recovery of coarse, 35 mesh spikes in this group of samples was 97%, while the recovery of relatively fine, 80 mesh spikes was 96%.

**SGS Lakefield Research Limited**  
**August 12, 2005**



---

Hugh de Souza, Ph.D., P.Geol.  
Group Leader - Diamond Exploration Services

**Technical Support:** Scott Young, Rob Gill, Wade Pogue, Jeff Johnson, Zakia Al Haddad, Teresa Mailath, Elena Valeyeva, Tracy Gill, and Maria Mezei

## APPENDIX A

### CERTIFICATES OF ANALYSIS RESULTS OF MICRODIAMOND EXTRACTION, SELECTION AND DESCRIPTION



SGS Lakefield Research Limited  
P.O. Box 4300 - 185 Concession St.  
Lakefield - Ontario - K0L 2H0  
Phone: 705-652-2019 FAX: 705-652-3123

**Tres-Or Resources Ltd.**  
Attn : Laura Lee Duffett

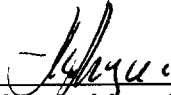
Lakefield Thursday, August 18, 2005

1934-131 Street  
White Rock, BC - V4A 7R7  
Canada  
Fax : (604) 541-8926

Date Rec. : 06 July 2005  
LR. Ref. : MI0001-JUL05  
Project : 8901-398

## CERTIFICATE OF ANALYSIS

Sample ID	*# Pours	*Wt/kg per pour	*Dia #	*Dia (ct)
1: 3052	1	8.62	0	0.000
2: 3054	1	8.61	0	0.000
3: 3056	1	7.97	0	0.000
4: 3058	1	8.33	0	0.000
5: 3060	1	7.94	0	0.000
6: 3062	1	7.98	0	0.000
7: 3064	1	8.29	0	0.000
8: 3066	1	7.91	0	0.000
9: 3068	1	7.92	0	0.000

  
\_\_\_\_\_  
Marta Mezei  
Diamond Selection Specialist



SGS Lakefield Research Limited  
185 Concession St., Box 4300  
Lakefield, Ontario  
K0L 2H0, CANADA

Tel: (705) 652-2112  
Fax: (705) 652-3123

## DIAMOND RECOVERY BY CAUSTIC DISSOLUTION

Project: **8901-398**  
Client: **Tres-Or Resources Ltd.**

Date: July 19, 2005  
LIMS No. **MI0001-JUL05**  
Sample No. **3052**

Mesh	Fraction	Dissolution Residue Description
+6	Ferromagnetic Non-mag	Not applicable
-6+20	Ferromagnetic Non-mag	Rock fragments, silicates, and oxides
+150	Ferromagnetic Mag	Oxides
-20+150	Paramagnetic Mag (0.1 amp)	Not applicable
-20+150	Paramagnetic Mag (0.3 amp)	Not applicable
-20+150	Diamagnetic Mag (0.5 amp)	Rock fragments, silicates, and oxides
-20+150	Diamagnetic Non-mag (0.5 amp)	Oxides, silicates, and graphite

**Sample Weight: 8.62 kg**  
**Number of Syndites: 0**

**Total Weight (carats)\*: 0.000**  
**Number of Diamonds: 0**

\* Total Weight (carats) was calculated from mg weights. All reported mg weights are measured to within 0.002 mg.

Selection and Description  
Teresa Mailath  
Mineralogy Technician

Quality Control  
Zakia Al Haddad  
Mineralogy Technician

### Note:

SGS Lakefield Research Limited is not responsible for the determination of the origin, quality or value of any diamonds recovered. Each +35 mesh (Tyler sieve; +0.420 mm) stone was individually weighed, and the -35 mesh stones were weighed in groups. Stone dimensions are limited to accuracy of three dimensional measurements of irregular shapes using a petrographic microscope.

*Accredited by the Standards Council of Canada to the ISO/IEC Guide 25 standard for specific registered tests.*



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 Lakefield, Ontario  
 K0L 2H0, CANADA

Tel: (705) 652-2112  
 Fax: (705) 652-3123

## DIAMOND RECOVERY BY CAUSTIC DISSOLUTION

Project: **8901-398**

Date: July 19, 2005

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

LIMS No. **MI0001-JUL05**

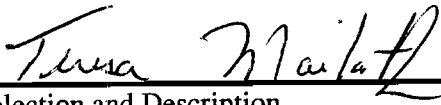
Sample No. **3052**

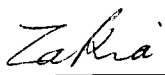
	Diamond Size Fractions	Number of Stones in Group	Group Weight (mg)	Group Carats (calculated)
Stones Described and Weighed Individually	+ 4.75 mm	0	0.000	0.000
	- 4.75 / + 3.35 mm	0	0.000	0.000
	- 3.35 / + 2.36 mm	0	0.000	0.000
	- 2.36 / + 1.70 mm	0	0.000	0.000
	- 1.70 / + 1.18 mm	0	0.000	0.000
	- 1.18 / + 0.85 mm	0	0.000	0.000
	-850 / + 600 $\mu$ m	0	0.000	0.000
Stones Described Individually / Group Weighed	-600 / + 425 $\mu$ m	0	0.000	0.000
	-425 / + 300 $\mu$ m	0	0.000	0.000
	-300 / +212 $\mu$ m	0	0.000	0.000
	-212 / +150 $\mu$ m	0	0.000	0.000
	-150 / +105 $\mu$ m	0	0.000	0.000
	TOTAL	0	0.000	0.000

**Sample Weight: 8.62 kg**  
**Number of Syndites: 0**

**Total Weight (carats)\*: 0.000**  
**Number of Diamonds: 0**

\* Total Weight (carats) was calculated from mg weights. All reported mg weights are weighed to within 0.002 mg.

  
 Selection and Description  
 Teresa Mailath  
 Mineralogy Technician

  
 Quality Control  
 Zakia Al Haddad  
 Mineralogy Technician

**Note:**

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July 19, 2005

## DIAMOND RECOVERY BY CAUSTIC DISSOLUTION

Project: 8901-398

LIMS No. MI0001-JUL05

Sample No. 3052

Sample Weight: 8.62 kg

Client: Tres-Or Resources Ltd.

No.	Stone Dimension, mm			Weight		Colour	Clarity	Percent Preservation	Stone Description
	X	Y	Z	mg	Carats				Morphology
<b>+ 4.75 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-4.75 / + 3.35 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-3.35 / + 2.36 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-2.36 / + 1.70 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-1.70 / + 1.18 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-1.18 / + 0.85 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			

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Fax: 705-652-3123

July 19, 2005

## DIAMOND RECOVERY BY CAUSTIC DISSOLUTION

Project: 8901-398

LIMS No. MI0001-JUL05

Sample No. 3052

Sample Weight: 8.62 kg

Client: Tres-Or Resources Ltd.

No.	Stone Dimension, mm			Weight		Colour	Clarity	Percent Preservation	Stone Description
	X	Y	Z	mg	Carats				Morphology
<b>-850 / + 600 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-600 / + 425 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-425 / + 300 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-300 / + 212 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-212 / + 150 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-150 / + 105 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
0					0.000000	<b>TOTAL</b>			

Note 1: Diamond Fragments - No Crystal Faces - Preservation (Resorption) cannot be estimated.





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## DIAMOND RECOVERY BY CAUSTIC DISSOLUTION

Project: **8901-398**  
Client: **Tres-Or Resources Ltd.**

Date: July 20, 2005  
LIMS No. **MI0001-JUL05**  
Sample No. **3054**

Mesh	Fraction	Dissolution Residue Description
+6	Ferromagnetic Non-mag	Not applicable
-6+20	Ferromagnetic Non-mag	Rock fragments, silicates, and oxides
+150	Ferromagnetic Mag	Oxides
-20+150	Paramagnetic Mag (0.1 amp)	Not applicable
-20+150	Paramagnetic Mag (0.3 amp)	Not applicable
-20+150	Diamagnetic Mag (0.5 amp)	Oxides , silicates and graphite
-20+150	Diamagnetic Non-mag (0.5 amp)	Oxides, silicates, and graphite

**Sample Weight: 8.61kg**  
**Number of Syndites: 0**

**Total Weight (carats)\*: 0.000**  
**Number of Diamonds: 0**

\* Total Weight (carats) was calculated from mg weights. All reported mg weights are measured to within 0.002 mg.

Selection and Description  
Teresa Mailath  
Mineralogy Technician

Quality Control  
Tracy Gill  
Mineralogy Technician

**Note:**

SGS Lakefield Research Limited is not responsible for the determination of the origin, quality or value of any diamonds recovered. Each +35 mesh (Tyler sieve; +0.420 mm) stone was individually weighed, and the -35 mesh stones were weighed in groups. Stone dimensions are limited to accuracy of three dimensional measurements of irregular shapes using a petrographic microscope.

*Accredited by the Standards Council of Canada to the ISO/IEC Guide 25 standard for specific registered tests.*



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 Fax: (705) 652-3123

## DIAMOND RECOVERY BY CAUSTIC DISSOLUTION

Project: **8901-398**  
 Client: **Tres-Or Resources Ltd.**


Date: July 20, 2005  
 LIMS No. **MI0001-JUL05**  
 Sample No. **3054**


	Diamond Size Fractions	Number of Stones in Group	Group Weight (mg)	Group Carats (calculated)
Stones Described and Weighed Individually	+ 4.75 mm	0	0.000	0.000
	- 4.75 / + 3.35 mm	0	0.000	0.000
	- 3.35 / + 2.36 mm	0	0.000	0.000
	- 2.36 / + 1.70 mm	0	0.000	0.000
	- 1.70 / + 1.18 mm	0	0.000	0.000
	- 1.18 / + 0.85 mm	0	0.000	0.000
	-850 / + 600 $\mu$ m	0	0.000	0.000
Stones Described Individually / Group Weighed	-600 / + 425 $\mu$ m	0	0.000	0.000
	-425 / + 300 $\mu$ m	0	0.000	0.000
	-300 / +212 $\mu$ m	0	0.000	0.000
	-212 / +150 $\mu$ m	0	0.000	0.000
	-150 / +105 $\mu$ m	0	0.000	0.000
	<b>TOTAL</b>	<b>0</b>	<b>0.000</b>	<b>0.000</b>

**Sample Weight: 8.61kg**  
**Number of Syndites: 0**

**Total Weight (carats)\*: 0.000**  
**Number of Diamonds: 0**

\* Total Weight (carats) was calculated from mg weights. All reported mg weights are weighed to within 0.002 mg.

  
 Selection and Description  
 Teresa Mailath  
 Mineralogy Technician

  
 Quality Control  
 Tracy Gill  
 Mineralogy Technician

**Note:**

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# SGS LAKEFIELD RESEARCH LIMITED

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July 20, 2005

## DIAMOND RECOVERY BY CAUSTIC DISSOLUTION

Project: 8901-398

LIMS No. MI0001-JUL05

Sample No. 3054

Sample Weight: 8.61kg

Client: Tres-Or Resources Ltd.

No.	Stone Dimension, mm			Weight		Colour	Clarity	Percent Preservation	Stone Description
	X	Y	Z	mg	Carats				Morphology
<b>+ 4.75 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-4.75 / + 3.35 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-3.35 / + 2.36 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-2.36 / + 1.70 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-1.70 / + 1.18 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-1.18 / + 0.85 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			

# SGS LAKEFIELD RESEARCH LIMITED

P.O. Bag 4300, 185 Concession Street, Lakefield, Ontario K0L 2H0

Phone: 705-652-2112

Fax: 705-652-3123

July 20, 2005

## DIAMOND RECOVERY BY CAUSTIC DISSOLUTION

Project: 8901-398

LIMS No. MI0001-JUL05

Sample No. 3054

Sample Weight: 8.61kg

Client: Tres-Or Resources Ltd.

No.	Stone Dimension, mm			Weight		Colour	Clarity	Percent Preservation	Stone Description
	X	Y	Z	mg	Carats				Morphology
<b>-850 / + 600 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-600 / + 425 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-425 / + 300 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-300 / + 212 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-212 / + 150 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-150 / + 105 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
0					0.000000	<b>TOTAL</b>			

Note 1: Diamond Fragments - No Crystal Faces - Preservation (Resorption) cannot be estimated.



SGS Lakefield Research Limited  
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K0L 2H0, CANADA

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## DIAMOND RECOVERY BY CAUSTIC DISSOLUTION

Project: **8901-398**  
Client: **Tres-Or Resources Ltd.**


Date: July 19, 2005  
LIMS No. **MI0001-JUL05**  
Sample No. **3056**

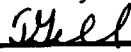
Mesh	Fraction	Dissolution Residue Description
+6	Ferromagnetic Non-mag	Not applicable
-6+20	Ferromagnetic Non-mag	Rock fragments, silicates, and oxides
+150	Ferromagnetic Mag	Oxides
-20+150	Paramagnetic Mag (0.1 amp)	Not applicable
-20+150	Paramagnetic Mag (0.3 amp)	Not applicable
-20+150	Diamagnetic Mag (0.5 amp)	Rock fragments, silicates, and oxides
-20+150	Diamagnetic Non-mag (0.5 amp)	Oxides, silicates, and graphite

**Sample Weight: 7.97 kg**  
**Number of Syndites: 0**

**Total Weight (carats)\*: 0.000**  
**Number of Diamonds: 0**

\* Total Weight (carats) was calculated from mg weights. All reported mg weights are measured to within 0.002 mg.

  
Selection and Description  
Elena Valeyeva  
Mineralogy Technician

  
Quality Control  
Tracy Gill  
Mineralogy Technician

### Note:

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## DIAMOND RECOVERY BY CAUSTIC DISSOLUTION

Project: **8901-398**  
 Client: **Tres-Or Resources Ltd.**


Date: July 19, 2005  
 LIMS No. **MI0001-JUL05**  
 Sample No. **3056**


	Diamond Size Fractions	Number of Stones in Group	Group Weight (mg)	Group Carats (calculated)
Stones Described and Weighed Individually	+ 4.75 mm	0	0.000	0.000
	- 4.75 / + 3.35 mm	0	0.000	0.000
	- 3.35 / + 2.36 mm	0	0.000	0.000
	- 2.36 / + 1.70 mm	0	0.000	0.000
	- 1.70 / + 1.18 mm	0	0.000	0.000
	- 1.18 / + 0.85 mm	0	0.000	0.000
	-850 / + 600 $\mu$ m	0	0.000	0.000
Stones Described Individually / Group Weighed	-600 / + 425 $\mu$ m	0	0.000	0.000
	-425 / + 300 $\mu$ m	0	0.000	0.000
	-300 / +212 $\mu$ m	0	0.000	0.000
	-212 / +150 $\mu$ m	0	0.000	0.000
	-150 / +105 $\mu$ m	0	0.000	0.000
	<b>TOTAL</b>	<b>0</b>	<b>0.000</b>	<b>0.000</b>

**Sample Weight: 7.97 kg**  
**Number of Syndites: 0**

**Total Weight (carats)\*: 0.000**  
**Number of Diamonds: 0**

\* Total Weight (carats) was calculated from mg weights. All reported mg weights are weighed to within 0.002 mg.

  
 Selection and Description  
 Elena Valeyeva  
 Mineralogy Technician

  
 Quality Control  
 Tracy Gill  
 Mineralogy Technician

**Note:**

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# SGS LAKEFIELD RESEARCH LIMITED

July 19, 2005

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Phone: 705-652-2112

Fax: 705-652-3123

## DIAMOND RECOVERY BY CAUSTIC DISSOLUTION

Project: 8901-398

LIMS No. MI0001-JUL05

Sample No. 3056

Sample Weight: 7.97 kg

Client: Tres-Or Resources Ltd.

No.	Stone Dimension, mm			Weight		Colour	Clarity	Percent Preservation	Stone Description
	X	Y	Z	mg	Carats				Morphology
<b>+ 4.75 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-4.75 / + 3.35 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-3.35 / + 2.36 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-2.36 / + 1.70 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-1.70 / + 1.18 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-1.18 / + 0.85 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			

# SGS LAKEFIELD RESEARCH LIMITED

July 19, 2005

P.O. Bag 4300, 185 Concession Street, Lakefield, Ontario K0L 2H0

Phone: 705-652-2112

Fax: 705-652-3123

## DIAMOND RECOVERY BY CAUSTIC DISSOLUTION

Project: 8901-398

LIMS No. MI0001-JUL05

Sample No. 3056

Sample Weight: 7.97 kg

Client: Tres-Or Resources Ltd.

No.	Stone Dimension, mm			Weight		Colour	Clarity	Percent Preservation	Stone Description Morphology
	X	Y	Z	mg	Carats				
<b>-850 / + 600 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-600 / + 425 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-425 / + 300 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-300 / + 212 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-212 / + 150 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-150 / + 105 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
0					0.000000	<b>TOTAL</b>			

Note 1: Diamond Fragments - No Crystal Faces - Preservation (Resorption) cannot be estimated.





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## DIAMOND RECOVERY BY CAUSTIC DISSOLUTION

Project: **8901-398**  
Client: **Tres-Or Resources Ltd.**


Date: July 19, 2005  
LIMS No. **MI0001-JUL05**  
Sample No. **3058**


Mesh	Fraction	Dissolution Residue Description
+6	Ferromagnetic Non-mag	Not applicable
-6+20	Ferromagnetic Non-mag	Rock fragments, silicates, and oxides
+150	Ferromagnetic Mag	Oxides
-20+150	Paramagnetic Mag (0.1 amp)	Not applicable
-20+150	Paramagnetic Mag (0.3 amp)	Not applicable
-20+150	Diamagnetic Mag (0.5 amp)	Rock fragments, silicates, and oxides
-20+150	Diamagnetic Non-mag (0.5 amp)	Oxides, silicates, and graphite

**Sample Weight: 8.33 kg**  
**Number of Syndites: 0**

**Total Weight (carats)\*: 0.000**  
**Number of Diamonds: 0**

\* Total Weight (carats) was calculated from mg weights. All reported mg weights are measured to within 0.002 mg.

  
\_\_\_\_\_  
Selection and Description  
Zakia Al Haddad  
Mineralogy Technician

  
\_\_\_\_\_  
Quality Control  
Tracy Gill  
Mineralogy Technician

**Note:**

SGS Lakefield Research Limited is not responsible for the determination of the origin, quality or value of any diamonds recovered. Each +35 mesh (Tyler sieve; +0.420 mm) stone was individually weighed, and the -35 mesh stones were weighed in groups. Stone dimensions are limited to accuracy of three dimensional measurements of irregular shapes using a petrographic microscope.

*Accredited by the Standards Council of Canada to the ISO/IEC Guide 25 standard for specific registered tests.*



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## DIAMOND RECOVERY BY CAUSTIC DISSOLUTION

Project: **8901-398**

Date: July 19, 2005

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

LIMS No. **MI0001-JUL05**

Sample No. **3058**

	Diamond Size Fractions	Number of Stones in Group	Group Weight (mg)	Group Carats (calculated)
Stones Described and Weighed Individually	+ 4.75 mm	0	0.000	0.000
	- 4.75 / + 3.35 mm	0	0.000	0.000
	- 3.35 / + 2.36 mm	0	0.000	0.000
	- 2.36 / + 1.70 mm	0	0.000	0.000
	- 1.70 / + 1.18 mm	0	0.000	0.000
	- 1.18 / + 0.85 mm	0	0.000	0.000
	-850 / + 600 $\mu$ m	0	0.000	0.000
Stones Described Individually / Group Weighed	-600 / + 425 $\mu$ m	0	0.000	0.000
	-425 / + 300 $\mu$ m	0	0.000	0.000
	-300 / +212 $\mu$ m	0	0.000	0.000
	-212 / +150 $\mu$ m	0	0.000	0.000
	-150 / +105 $\mu$ m	0	0.000	0.000
	<b>TOTAL</b>	<b>0</b>	<b>0.000</b>	<b>0.000</b>

**Sample Weight: 8.33 kg**

**Total Weight (carats)\*: 0.000**

**Number of Syndites: 0**

**Number of Diamonds: 0**

\* Total Weight (carats) was calculated from mg weights. All reported mg weights are weighed to within 0.002 mg.

Selection and Description

Zakia Al Haddad

Mineralogy Technician

Quality Control

Tracy Gill

Mineralogy Technician

**Note:**

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July 19, 2005

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## DIAMOND RECOVERY BY CAUSTIC DISSOLUTION

Project: 8901-398

LIMS No. MI0001-JUL05

Sample No. 3058

Sample Weight: 8.33 kg

Client: Tres-Or Resources Ltd.

No.	Stone Dimension, mm			Weight		Colour	Clarity	Percent Preservation	Stone Description
	X	Y	Z	mg	Carats				Morphology
<b>+ 4.75 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-4.75 / + 3.35 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-3.35 / + 2.36 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-2.36 / + 1.70 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-1.70 / + 1.18 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-1.18 / + 0.85 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			

# SGS LAKEFIELD RESEARCH LIMITED

July 19, 2005

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## DIAMOND RECOVERY BY CAUSTIC DISSOLUTION

Project: 8901-398

LIMS No. MI0001-JUL05

Sample No. 3058

Sample Weight: 8.33 kg

Client: Tres-Or Resources Ltd.

No.	Stone Dimension, mm			Weight		Colour	Clarity	Percent Preservation	Stone Description
	X	Y	Z	mg	Carats				Morphology
<b>-850 / + 600 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-600 / + 425 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-425 / + 300 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-300 / + 212 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-212 / + 150 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-150 / + 105 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
0					0.000000	<b>TOTAL</b>			

Note 1: Diamond Fragments - No Crystal Faces - Preservation (Resorption) cannot be estimated.



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## DIAMOND RECOVERY BY CAUSTIC DISSOLUTION

Project: **8901-398**  
Client: **Tres-Or Resources Ltd.**

Date: July 21, 2005  
LIMS No. **MI0001-JUL05**  
Sample No. **3060**

Mesh	Fraction	Dissolution Residue Description
+6	Ferromagnetic Non-mag	Not applicable
-6+20	Ferromagnetic Non-mag	Rock fragments, silicates, and oxides
+150	Ferromagnetic Mag	Oxides
-20+150	Paramagnetic Mag (0.1 amp)	Not applicable
-20+150	Paramagnetic Mag (0.3 amp)	Not applicable
-20+150	Diamagnetic Mag (0.5 amp)	Oxides and silicates
-20+150	Diamagnetic Non-mag (0.5 amp)	Oxides, silicates, and graphite

**Sample Weight: 7.94kg**  
**Number of Syndites: 0**

**Total Weight (carats)\*: 0.000**  
**Number of Diamonds: 0**

\* Total Weight (carats) was calculated from mg weights. All reported mg weights are measured to within 0.002 mg.

Selection and Description  
Zakia Al Haddad  
Mineralogy Technician

Quality Control  
Tracy Gill  
Mineralogy Technician

### Note:

SGS Lakefield Research Limited is not responsible for the determination of the origin, quality or value of any diamonds recovered. Each +35 mesh (Tyler sieve; +0.420 mm) stone was individually weighed, and the -35 mesh stones were weighed in groups. Stone dimensions are limited to accuracy of three dimensional measurements of irregular shapes using a petrographic microscope.

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## DIAMOND RECOVERY BY CAUSTIC DISSOLUTION

Project: **8901-398**  
 Client: **Tres-Or Resources Ltd.**

Date: July 21, 2005  
 LIMS No. **MI0001-JUL05**  
 Sample No. **3060**

	Diamond Size Fractions	Number of Stones in Group	Group Weight (mg)	Group Carats (calculated)
Stones Described and Weighed Individually	+ 4.75 mm	0	0.000	0.000
	- 4.75 / + 3.35 mm	0	0.000	0.000
	- 3.35 / + 2.36 mm	0	0.000	0.000
	- 2.36 / + 1.70 mm	0	0.000	0.000
	- 1.70 / + 1.18 mm	0	0.000	0.000
	- 1.18 / + 0.85 mm	0	0.000	0.000
	-850 / + 600 $\mu$ m	0	0.000	0.000
Stones Described Individually / Group Weighed	-600 / + 425 $\mu$ m	0	0.000	0.000
	-425 / + 300 $\mu$ m	0	0.000	0.000
	-300 / +212 $\mu$ m	0	0.000	0.000
	-212 / +150 $\mu$ m	0	0.000	0.000
	-150 / +105 $\mu$ m	0	0.000	0.000
	<b>TOTAL</b>	<b>0</b>	<b>0.000</b>	<b>0.000</b>

**Sample Weight: 7.94kg**  
**Number of Syndites: 0**

**Total Weight (carats)\*: 0.000**  
**Number of Diamonds: 0**

\* Total Weight (carats) was calculated from mg weights. All reported mg weights are weighed to within 0.002 mg.

Selection and Description  
 Zakia Al Haddad  
 Mineralogy Technician

Quality Control  
 Tracy Gill  
 Mineralogy Technician

**Note:**

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July 21, 2005

## DIAMOND RECOVERY BY CAUSTIC DISSOLUTION

Project: 8901-398

LIMS No. MI0001-JUL05

Sample No. 3060

Sample Weight: 7.94kg

Client: Tres-Or Resources Ltd.

No.	Stone Dimension, mm			Weight		Colour	Clarity	Percent Preservation	Stone Description
	X	Y	Z	mg	Carats				Morphology
<b>+ 4.75 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-4.75 / + 3.35 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-3.35 / + 2.36 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-2.36 / + 1.70 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-1.70 / + 1.18 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-1.18 / + 0.85 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			

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July 21, 2005

## DIAMOND RECOVERY BY CAUSTIC DISSOLUTION

Project: 8901-398

LIMS No. MI0001-JUL05

Sample No. 3060

Client: Tres-Or Resources Ltd.

Sample Weight: 7.94kg

No.	Stone Dimension, mm			Weight		Colour	Clarity	Percent Preservation	Stone Description Morphology
	X	Y	Z	mg	Carats				
<b><i>-850 / + 600 µm fraction</i></b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b><i>-600 / + 425 µm fraction</i></b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b><i>-425 / + 300 µm fraction</i></b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b><i>-300 / + 212 µm fraction</i></b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b><i>-212 / + 150 µm fraction</i></b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b><i>-150 / + 105 µm fraction</i></b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
0					0.000000	<b>TOTAL</b>			

Note 1: Diamond Fragments - No Crystal Faces - Preservation (Resorption) cannot be estimated.





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## DIAMOND RECOVERY BY CAUSTIC DISSOLUTION

Project: **8901-398**  
Client: **Tres-Or Resources Ltd.**


Date: July 21, 2005  
LIMS No. **MI0001-JUL05**  
Sample No. **3062**

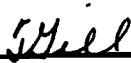
Mesh	Fraction	Dissolution Residue Description
+6	Ferromagnetic Non-mag	Not applicable
-6+20	Ferromagnetic Non-mag	Rock fragments, silicates, and oxides
+150	Ferromagnetic Mag	Oxides
-20+150	Paramagnetic Mag (0.1 amp)	Not applicable
-20+150	Paramagnetic Mag (0.3 amp)	Not applicable
-20+150	Diamagnetic Mag (0.5 amp)	Oxides and silicates
-20+150	Diamagnetic Non-mag (0.5 amp)	Oxides, silicates, and graphite

**Sample Weight: 7.98kg**  
**Number of Syndites: 0**

**Total Weight (carats)\*: 0.000**  
**Number of Diamonds: 0**

\* Total Weight (carats) was calculated from mg weights. All reported mg weights are measured to within 0.002 mg.

  
\_\_\_\_\_  
Selection and Description  
Elena Valeyeva  
Mineralogy Technician

  
\_\_\_\_\_  
Quality Control  
Tracy Gill  
Mineralogy Technician

### Note:

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## DIAMOND RECOVERY BY CAUSTIC DISSOLUTION

Project: **8901-398**  
 Client: **Tres-Or Resources Ltd.**


Date: July 21, 2005  
 LIMS No. **MI0001-JUL05**  
 Sample No. **3062**

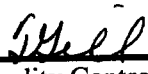
	Diamond Size Fractions	Number of Stones in Group	Group Weight (mg)	Group Carats (calculated)
Stones Described and Weighed Individually	+ 4.75 mm	0	0.000	0.000
	- 4.75 / + 3.35 mm	0	0.000	0.000
	- 3.35 / + 2.36 mm	0	0.000	0.000
	- 2.36 / + 1.70 mm	0	0.000	0.000
	- 1.70 / + 1.18 mm	0	0.000	0.000
	- 1.18 / + 0.85 mm	0	0.000	0.000
	-850 / + 600 $\mu$ m	0	0.000	0.000
Stones Described Individually / Group Weighed	-600 / + 425 $\mu$ m	0	0.000	0.000
	-425 / + 300 $\mu$ m	0	0.000	0.000
	-300 / +212 $\mu$ m	0	0.000	0.000
	-212 / +150 $\mu$ m	0	0.000	0.000
	-150 / +105 $\mu$ m	0	0.000	0.000
	<b>TOTAL</b>	<b>0</b>	<b>0.000</b>	<b>0.000</b>

**Sample Weight: 7.98kg**  
**Number of Syndites: 0**

**Total Weight (carats)\*: 0.000**  
**Number of Diamonds: 0**

\* Total Weight (carats) was calculated from mg weights. All reported mg weights are weighed to within 0.002 mg.

  
 Selection and Description  
 Elena Valeyeva  
 Mineralogy Technician

  
 Quality Control  
 Tracy Gill  
 Mineralogy Technician

**Note:**

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July 21, 2005

## DIAMOND RECOVERY BY CAUSTIC DISSOLUTION

Project: 8901-398

LIMS No. MI0001-JUL05

Sample No. 3062

Sample Weight: 7.98kg

Client: Tres-Or Resources Ltd.

No.	Stone Dimension, mm			Weight		Colour	Clarity	Percent Preservation	Stone Description
	X	Y	Z	mg	Carats				Morphology
<b>+ 4.75 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-4.75 / + 3.35 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-3.35 / + 2.36 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-2.36 / + 1.70 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-1.70 / + 1.18 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-1.18 / + 0.85 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			

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July 21, 2005

## DIAMOND RECOVERY BY CAUSTIC DISSOLUTION

Project: **8901-398**

LIMS No. **MI0001-JUL05**

Sample No. **3062**

Sample Weight: **7.98kg**

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

No.	Stone Dimension, mm			Weight		Colour	Clarity	Percent Preservation	Stone Description Morphology
	X	Y	Z	mg	Carats				
<b>-850 / + 600 µm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-600 / + 425 µm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-425 / + 300 µm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-300 / + 212 µm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-212 / + 150 µm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-150 / + 105 µm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
0					0.000000	<b>TOTAL</b>			

Note 1: Diamond Fragments - No Crystal Faces - Preservation (Resorption) cannot be estimated.



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## DIAMOND RECOVERY BY CAUSTIC DISSOLUTION

Project: **8901-398**  
Client: **Tres-Or Resources Ltd.**

Date: July 21, 2005  
LIMS No. **MI0001-JUL05**  
Sample No. **6064**

Mesh	Fraction	Dissolution Residue Description
+6	Ferromagnetic Non-mag	Not applicable
-6+20	Ferromagnetic Non-mag	Rock fragments, silicates, and oxides
+150	Ferromagnetic Mag	Oxides
-20+150	Paramagnetic Mag (0.1 amp)	Not applicable
-20+150	Paramagnetic Mag (0.3 amp)	Not applicable
-20+150	Diamagnetic Mag (0.5 amp)	Rock fragments, oxides and silicates
-20+150	Diamagnetic Non-mag (0.5 amp)	Oxides, silicates, and graphite

**Sample Weight: 8.29kg**  
**Number of Syndites: 0**

**Total Weight (carats)\*: 0.000**  
**Number of Diamonds: 0**

\* Total Weight (carats) was calculated from mg weights. All reported mg weights are measured to within 0.002 mg.

Selection and Description

For Elena Valeyeva  
Mineralogy Technician

Quality Control

Tracy Gill  
Mineralogy Technician

### Note:

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*Accredited by the Standards Council of Canada to the ISO/IEC Guide 25 standard for specific registered tests.*



SGS Lakefield Research Limited  
 185 Concession St., Box 4300  
 Lakefield, Ontario  
 K0L 2H0, CANADA

Tel: (705) 652-2112  
 Fax: (705) 652-3123

## DIAMOND RECOVERY BY CAUSTIC DISSOLUTION

Project: **8901-398**  
 Client: **Tres-Or Resources Ltd.**

Date: July 21, 2005  
 LIMS No. **MI0001-JUL05**  
 Sample No. **6064**

	Diamond Size Fractions	Number of Stones in Group	Group Weight (mg)	Group Carats (calculated)
Stones Described and Weighed Individually	+ 4.75 mm	0	0.000	0.000
	- 4.75 / + 3.35 mm	0	0.000	0.000
	- 3.35 / + 2.36 mm	0	0.000	0.000
	- 2.36 / + 1.70 mm	0	0.000	0.000
	- 1.70 / + 1.18 mm	0	0.000	0.000
	- 1.18 / + 0.85 mm	0	0.000	0.000
	-850 / + 600 $\mu$ m	0	0.000	0.000
Stones Described Individually / Group Weighed	-600 / + 425 $\mu$ m	0	0.000	0.000
	-425 / + 300 $\mu$ m	0	0.000	0.000
	-300 / +212 $\mu$ m	0	0.000	0.000
	-212 / +150 $\mu$ m	0	0.000	0.000
	-150 / +105 $\mu$ m	0	0.000	0.000
	<b>TOTAL</b>	<b>0</b>	<b>0.000</b>	<b>0.000</b>

**Sample Weight: 8.29kg**  
**Number of Syndites: 0**

**Total Weight (carats)\*: 0.000**  
**Number of Diamonds: 0**

\* Total Weight (carats) was calculated from mg weights. All reported mg weights are weighed to within 0.002 mg.

*Elena Valeyeva*

Selection and Description

For Elena Valeyeva  
 Mineralogy Technician

*Tracy Gill*

Quality Control

Tracy Gill  
 Mineralogy Technician

**Note:**

SGS Lakefield Research Limited is not responsible for the determination of the origin, quality or value of any diamonds recovered. Each +35 mesh (Tyler sieve; +0.420 mm) stone was individually weighed, and the -35 mesh stones were weighed in groups.

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# SGS LAKEFIELD RESEARCH LIMITED

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Fax: 705-652-3123

July 21, 2005

## DIAMOND RECOVERY BY CAUSTIC DISSOLUTION

Project: 8901-398

LIMS No. MI0001-JUL05

Sample No. 6064

Sample Weight: 8.29kg

Client: Tres-Or Resources Ltd.

No.	Stone Dimension, mm			Weight		Colour	Clarity	Percent Preservation	Stone Description
	X	Y	Z	mg	Carats				Morphology
<b>+ 4.75 mm fraction</b>									
0					0.000000				
0				0.000	0.000000				<b>Sub-Total</b>
<b>-4.75 / + 3.35 mm fraction</b>									
0					0.000000				
0				0.000	0.000000				<b>Sub-Total</b>
<b>-3.35 / + 2.36 mm fraction</b>									
0					0.000000				
0				0.000	0.000000				<b>Sub-Total</b>
<b>-2.36 / + 1.70 mm fraction</b>									
0					0.000000				
0				0.000	0.000000				<b>Sub-Total</b>
<b>-1.70 / + 1.18 mm fraction</b>									
0					0.000000				
0				0.000	0.000000				<b>Sub-Total</b>
<b>-1.18 / + 0.85 mm fraction</b>									
0					0.000000				
0				0.000	0.000000				<b>Sub-Total</b>

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July 21, 2005

## DIAMOND RECOVERY BY CAUSTIC DISSOLUTION

Project: 8901-398

LIMS No. MI0001-JUL05

Sample No. 6064

Sample Weight: 8.29kg

Client: Tres-Or Resources Ltd.

No.	Stone Dimension, mm			Weight		Colour	Clarity	Percent Preservation	Stone Description
	X	Y	Z	mg	Carats				Morphology
<b>-850 / + 600 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-600 / + 425 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-425 / + 300 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-300 / + 212 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-212 / + 150 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-150 / + 105 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
0					0.000000	<b>TOTAL</b>			

Note 1: Diamond Fragments - No Crystal Faces - Preservation (Resorption) cannot be estimated.





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## DIAMOND RECOVERY BY CAUSTIC DISSOLUTION

Project: **8901-398**  
Client: **Tres-Or Resources Ltd.**


Date: July 21, 2005  
LIMS No. **MI0001-JUL05**  
Sample No. **3066**

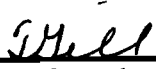
Mesh	Fraction	Dissolution Residue Description
+6	Ferromagnetic Non-mag	Not applicable
-6+20	Ferromagnetic Non-mag	Rock fragments, silicates, and oxides
+150	Ferromagnetic Mag	Oxides
-20+150	Paramagnetic Mag (0.1 amp)	Not applicable
-20+150	Paramagnetic Mag (0.3 amp)	Not applicable
-20+150	Diamagnetic Mag (0.5 amp)	Rock fragments, oxides and silicates
-20+150	Diamagnetic Non-mag (0.5 amp)	Oxides, silicates, and graphite

**Sample Weight: 7.91kg**  
**Number of Syndites: 0**

**Total Weight (carats)\*: 0.000**  
**Number of Diamonds: 0**

\* Total Weight (carats) was calculated from mg weights. All reported mg weights are measured to within 0.002 mg.

  
Selection and Description  
Elena Valeyeva  
Mineralogy Technician

  
Quality Control  
Tracy Gill  
Mineralogy Technician

**Note:**

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## DIAMOND RECOVERY BY CAUSTIC DISSOLUTION

Project: **8901-398**  
 Client: **Tres-Or Resources Ltd.**

Date: July 21, 2005  
 LIMS No. **MI0001-JUL05**  
 Sample No. **3066**

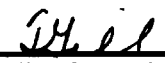
	Diamond Size Fractions	Number of Stones in Group	Group Weight (mg)	Group Carats (calculated)
Stones Described and Weighed Individually	+ 4.75 mm	0	0.000	0.000
	- 4.75 / + 3.35 mm	0	0.000	0.000
	- 3.35 / + 2.36 mm	0	0.000	0.000
	- 2.36 / + 1.70 mm	0	0.000	0.000
	- 1.70 / + 1.18 mm	0	0.000	0.000
	- 1.18 / + 0.85 mm	0	0.000	0.000
	-850 / + 600 $\mu$ m	0	0.000	0.000
Stones Described Individually / Group Weighed	-600 / + 425 $\mu$ m	0	0.000	0.000
	-425 / + 300 $\mu$ m	0	0.000	0.000
	-300 / +212 $\mu$ m	0	0.000	0.000
	-212 / +150 $\mu$ m	0	0.000	0.000
	-150 / +105 $\mu$ m	0	0.000	0.000
	<b>TOTAL</b>	<b>0</b>	<b>0.000</b>	<b>0.000</b>

**Sample Weight: 7.91kg**  
**Number of Syndites: 0**

**Total Weight (carats)\*: 0.000**  
**Number of Diamonds: 0**

\* Total Weight (carats) was calculated from mg weights. All reported mg weights are weighed to within 0.002 mg.

  
 Selection and Description  
 Elena Valeyeva  
 Mineralogy Technician

  
 Quality Control  
 Tracy Gill  
 Mineralogy Technician

**Note:**

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July 21, 2005

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## DIAMOND RECOVERY BY CAUSTIC DISSOLUTION

Project: 8901-398

LIMS No. MI0001-JUL05

Sample No. 3066

Sample Weight: 7.91kg

Client: Tres-Or Resources Ltd.

No.	Stone Dimension, mm			Weight		Colour	Clarity	Percent Preservation	Stone Description
	X	Y	Z	mg	Carats				Morphology
<b>+ 4.75 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-4.75 / + 3.35 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-3.35 / + 2.36 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-2.36 / + 1.70 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-1.70 / + 1.18 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-1.18 / + 0.85 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			

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July 21, 2005

## DIAMOND RECOVERY BY CAUSTIC DISSOLUTION

Project: 8901-398

LIMS No. MI0001-JUL05

Sample No. 3066

Client: Tres-Or Resources Ltd.

Sample Weight: 7.91kg

No.	Stone Dimension, mm			Weight		Colour	Clarity	Percent Preservation	Stone Description Morphology
	X	Y	Z	mg	Carats				
<b>-850 / + 600 µm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-600 / + 425 µm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-425 / + 300 µm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-300 / + 212 µm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-212 / + 150 µm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-150 / + 105 µm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
0					0.000000	<b>TOTAL</b>			

Note 1: Diamond Fragments - No Crystal Faces - Preservation (Resorption) cannot be estimated.



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## DIAMOND RECOVERY BY CAUSTIC DISSOLUTION

Project: 8901-398  
Client: Tres-Or Resources Ltd.


Date: July 21, 2005  
LIMS No. MI0001-JUL05  
Sample No. 3068

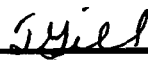
Mesh	Fraction	Dissolution Residue Description
+6	Ferromagnetic Non-mag	Not applicable
-6+20	Ferromagnetic Non-mag	Rock fragments, silicates, and oxides
+150	Ferromagnetic Mag	Oxides
-20+150	Paramagnetic Mag (0.1 amp)	Not applicable
-20+150	Paramagnetic Mag (0.3 amp)	Not applicable
-20+150	Diamagnetic Mag (0.5 amp)	Oxides and silicates
-20+150	Diamagnetic Non-mag (0.5 amp)	Oxides, silicates, and graphite

**Sample Weight: 7.92kg**  
**Number of Syndites: 0**

**Total Weight (carats)\*: 0.000**  
**Number of Diamonds: 0**

\* Total Weight (carats) was calculated from mg weights. All reported mg weights are measured to within 0.002 mg.

  
Selection and Description  
Elena Valeyeva  
Mineralogy Technician

  
Quality Control  
Tracy Gill  
Mineralogy Technician

### Note:

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## DIAMOND RECOVERY BY CAUSTIC DISSOLUTION

Project: 8901-398

Date: July 21, 2005

Client: Tres-Or Resources Ltd.

LIMS No. MI0001-JUL05

Sample No. 3068

	Diamond Size Fractions	Number of Stones in Group	Group Weight (mg)	Group Carats (calculated)
Stones Described and Weighed Individually	+ 4.75 mm	0	0.000	0.000
	- 4.75 / + 3.35 mm	0	0.000	0.000
	- 3.35 / + 2.36 mm	0	0.000	0.000
	- 2.36 / + 1.70 mm	0	0.000	0.000
	- 1.70 / + 1.18 mm	0	0.000	0.000
	- 1.18 / + 0.85 mm	0	0.000	0.000
	-850 / + 600 $\mu$ m	0	0.000	0.000
Stones Described Individually / Group Weighed	-600 / + 425 $\mu$ m	0	0.000	0.000
	-425 / + 300 $\mu$ m	0	0.000	0.000
	-300 / +212 $\mu$ m	0	0.000	0.000
	-212 / +150 $\mu$ m	0	0.000	0.000
	-150 / +105 $\mu$ m	0	0.000	0.000
	TOTAL	0	0.000	0.000


Sample Weight: 7.92kg

Total Weight (carats)\*: 0.000

Number of Syndites: 0

Number of Diamonds: 0

\* Total Weight (carats) was calculated from mg weights. All reported mg weights are weighed to within 0.002 mg.

  
 Selection and Description

Elena Valeyeva  
 Mineralogy Technician

  
 Quality Control

Tracy Gill  
 Mineralogy Technician

Note:

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# SGS LAKEFIELD RESEARCH LIMITED

July 21, 2005

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## DIAMOND RECOVERY BY CAUSTIC DISSOLUTION

Project: 8901-398

LIMS No. MI0001-JUL05

Sample No. 3068

Sample Weight: 7.92kg

Client: Tres-Or Resources Ltd.

No.	Stone Dimension, mm			Weight		Colour	Clarity	Percent Preservation	Stone Description
	X	Y	Z	mg	Carats				Morphology
<b>+ 4.75 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-4.75 / + 3.35 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-3.35 / + 2.36 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-2.36 / + 1.70 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-1.70 / + 1.18 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-1.18 / + 0.85 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			

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## DIAMOND RECOVERY BY CAUSTIC DISSOLUTION

Project: 8901-398

LIMS No. MI0001-JUL05

Sample No. 3068

Sample Weight: 7.92kg

Client: Tres-Or Resources Ltd.

No.	Stone Dimension, mm			Weight		Colour	Clarity	Percent Preservation	Stone Description Morphology
	X	Y	Z	mg	Carats				
<b>-850 / + 600 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-600 / + 425 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-425 / + 300 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-300 / + 212 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-212 / + 150 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-150 / + 105 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
0					0.000000	<b>TOTAL</b>			

Note 1: Diamond Fragments - No Crystal Faces - Preservation (Resorption) cannot be estimated.





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P.O. Box 4300 - 185 Concession St.  
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Phone: 705-652-2019 FAX: 705-652-3123

**Tres-Or Resources Ltd.**  
Attn : Laura Lee Duffett

1934-131 Street  
White Rock, BC - V4A 7R7  
Canada  
Fax : (604) 541-8926

Lakefield Thursday, August 18, 2005

Date Rec. : 07 July 2005  
LR. Ref. : MI0002-JUL05  
Project : 8901-398

## CERTIFICATE OF ANALYSIS

Sample ID	*# Pours	*Wt/kg per pour	*Dia #	*Dia (ct)
1: 3070	1	7.84	0	0.000
2: 3072	1	8.16	0	0.000
3: 3074	1	8.03	0	0.000
4: 3076	1	7.90	0	0.000
5: 3078	1	7.73	0	0.000
6: 3080	1	8.24	0	0.000
7: 3082	1	8.28	0	0.000
8: 3084	1	6.38	1	0.000

Maria Mezei  
Diamond Selection Specialist



SGS Lakefield Research Limited  
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## DIAMOND RECOVERY BY CAUSTIC DISSOLUTION

Project: **8901-398**  
Client: **Tres-Or Resources Ltd.**

Date: July 25, 2005  
LIMS No. **MI0002-JUL05**  
Sample No. **3070**

Mesh	Fraction	Dissolution Residue Description
+6	Ferromagnetic Non-mag	Not applicable
-6+20	Ferromagnetic Non-mag	Oxides and silicates
+150	Ferromagnetic Mag	Oxides
-20+150	Paramagnetic Mag (0.1 amp)	Not applicable
-20+150	Paramagnetic Mag (0.3 amp)	Not applicable
-20+150	Diamagnetic Mag (0.5 amp)	Rock fragments, oxides and silicates
-20+150	Diamagnetic Non-mag (0.5 amp)	Oxides, silicates, and graphite

**Sample Weight: 7.84kg**  
**Number of Syndites: 1**

**Total Weight (carats)\*: 0.000**  
**Number of Diamonds: 0**

\* Total Weight (carats) was calculated from mg weights. All reported mg weights are measured to within 0.002 mg.

Selection and Description

For Elena Valeyeva  
Mineralogy Technician

Quality Control

Tracy Gill  
Mineralogy Technician

### Note:

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## DIAMOND RECOVERY BY CAUSTIC DISSOLUTION

Project: **8901-398**  
 Client: **Tres-Or Resources Ltd.**

Date: July 25, 2005  
 LIMS No. **MI0002-JUL05**  
 Sample No. **3070**

	Diamond Size Fractions	Number of Stones in Group	Group Weight (mg)	Group Carats (calculated)
Stones Described and Weighed Individually	+ 4.75 mm	0	0.000	0.000
	- 4.75 / + 3.35 mm	0	0.000	0.000
	- 3.35 / + 2.36 mm	0	0.000	0.000
	- 2.36 / + 1.70 mm	0	0.000	0.000
	- 1.70 / + 1.18 mm	0	0.000	0.000
	- 1.18 / + 0.85 mm	0	0.000	0.000
	-850 / + 600 $\mu$ m	0	0.000	0.000
Stones Described Individually / Group Weighed	-600 / + 425 $\mu$ m	0	0.000	0.000
	-425 / + 300 $\mu$ m	0	0.000	0.000
	-300 / +212 $\mu$ m	0	0.000	0.000
	-212 / +150 $\mu$ m	0	0.000	0.000
	-150 / +105 $\mu$ m	0	0.000	0.000
	<b>TOTAL</b>	<b>0</b>	<b>0.000</b>	<b>0.000</b>

**Sample Weight: 7.84kg**  
**Number of Syndites: 1**

**Total Weight (carats)\*: 0.000**  
**Number of Diamonds: 0**

\* Total Weight (carats) was calculated from mg weights. All reported mg weights are weighed to within 0.002 mg.

*Takia*

Selection and Description  
 For Elena Valeyeva  
 Mineralogy Technician

*Tracy Gill*

Quality Control  
 Tracy Gill  
 Mineralogy Technician

**Note:**

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# SGS LAKEFIELD RESEARCH LIMITED

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July 25, 2005

## DIAMOND RECOVERY BY CAUSTIC DISSOLUTION

Project: 8901-398

LIMS No. MI0002-JUL05

Sample No. 3070

Sample Weight: 7.84kg

Client: Tres-Or Resources Ltd.

No.	Stone Dimension, mm			Weight		Colour	Clarity	Percent Preservation	Stone Description
	X	Y	Z	mg	Carats				Morphology
<b>+ 4.75 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-4.75 / + 3.35 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-3.35 / + 2.36 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-2.36 / + 1.70 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-1.70 / + 1.18 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-1.18 / + 0.85 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			

# SGS LAKEFIELD RESEARCH LIMITED

P.O. Bag 4300, 185 Concession Street, Lakefield, Ontario K0L 2H0

Phone: 705-652-2112

Fax: 705-652-3123

July 25, 2005

## DIAMOND RECOVERY BY CAUSTIC DISSOLUTION

Project: 8901-398

LIMS No. MI0002-JUL05

Sample No. 3070

Sample Weight: 7.84kg

Client: Tres-Or Resources Ltd.

No.	Stone Dimension, mm			Weight		Colour	Clarity	Percent Preservation	Stone Description
	X	Y	Z	mg	Carats				Morphology
<b>-850 / + 600 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-600 / + 425 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-425 / + 300 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-300 / + 212 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-212 / + 150 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-150 / + 105 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
0					0.000000	<b>TOTAL</b>			

Note 1: Diamond Fragments - No Crystal Faces - Preservation (Resorption) cannot be estimated.



SGS Lakefield Research Limited  
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## DIAMOND RECOVERY BY CAUSTIC DISSOLUTION

Project: **8901-398**  
Client: **Tres-Or Resources Ltd.**


Date: July 25, 2005  
LIMS No. **MI0002-JUL05**  
Sample No. **3072**

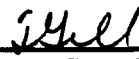
Mesh	Fraction	Dissolution Residue Description
+6	Ferromagnetic Non-mag	Not applicable
-6+20	Ferromagnetic Non-mag	Rock fragments, silicates, and oxides
+150	Ferromagnetic Mag	Oxides
-20+150	Paramagnetic Mag (0.1 amp)	Not applicable
-20+150	Paramagnetic Mag (0.3 amp)	Not applicable
-20+150	Diamagnetic Mag (0.5 amp)	Oxides and silicates
-20+150	Diamagnetic Non-mag (0.5 amp)	Oxides, silicates, and graphite

**Sample Weight: 8.16kg**  
**Number of Syndites: 0**

**Total Weight (carats)\*: 0.000**  
**Number of Diamonds: 0**

\* Total Weight (carats) was calculated from mg weights. All reported mg weights are measured to within 0.002 mg.

  
Selection and Description  
Teresa Mailath  
Mineralogy Technician

  
Quality Control  
Tracy Gill  
Mineralogy Technician

**Note:**

SGS Lakefield Research Limited is not responsible for the determination of the origin, quality or value of any diamonds recovered. Each +35 mesh (Tyler sieve; +0.420 mm) stone was individually weighed, and the -35 mesh stones were weighed in groups. Stone dimensions are limited to accuracy of three dimensional measurements of irregular shapes using a petrographic microscope.

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## DIAMOND RECOVERY BY CAUSTIC DISSOLUTION

Project: **8901-398**  
 Client: **Tres-Or Resources Ltd.**

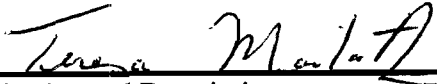
Date: July 25, 2005  
 LIMS No. **MI0002-JUL05**  
 Sample No. **3072**


	Diamond Size Fractions	Number of Stones in Group	Group Weight (mg)	Group Carats (calculated)
Stones Described and Weighed Individually	+ 4.75 mm	0	0.000	0.000
	- 4.75 / + 3.35 mm	0	0.000	0.000
	- 3.35 / + 2.36 mm	0	0.000	0.000
	- 2.36 / + 1.70 mm	0	0.000	0.000
	- 1.70 / + 1.18 mm	0	0.000	0.000
	- 1.18 / + 0.85 mm	0	0.000	0.000
	-850 / + 600 $\mu$ m	0	0.000	0.000
Stones Described Individually / Group Weighed	-600 / + 425 $\mu$ m	0	0.000	0.000
	-425 / + 300 $\mu$ m	0	0.000	0.000
	-300 / +212 $\mu$ m	0	0.000	0.000
	-212 / +150 $\mu$ m	0	0.000	0.000
	-150 / +105 $\mu$ m	0	0.000	0.000
	<b>TOTAL</b>	<b>0</b>	<b>0.000</b>	<b>0.000</b>

**Sample Weight: 8.16kg**  
**Number of Syndites: 0**

**Total Weight (carats)\*: 0.000**  
**Number of Diamonds: 0**

\* Total Weight (carats) was calculated from mg weights. All reported mg weights are weighed to within 0.002 mg.

  
 Selection and Description  
 Teresa Mailath  
 Mineralogy Technician

  
 Quality Control  
 Tracy Gill  
 Mineralogy Technician

**Note:**

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July 25, 2005

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## DIAMOND RECOVERY BY CAUSTIC DISSOLUTION

Project: 8901-398

LIMS No. MI0002-JUL05

Sample No. 3072

Sample Weight: 8.16kg

Client: Tres-Or Resources Ltd.

No.	Stone Dimension, mm			Weight		Colour	Clarity	Percent Preservation	Stone Description
	X	Y	Z	mg	Carats				Morphology
<b>+ 4.75 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-4.75 / + 3.35 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-3.35 / + 2.36 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-2.36 / + 1.70 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-1.70 / + 1.18 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-1.18 / + 0.85 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			



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July 25, 2005

## DIAMOND RECOVERY BY CAUSTIC DISSOLUTION

Project: 8901-398

LIMS No. MI0002-JUL05

Sample No. 3072

Sample Weight: 8.16kg

Client: Tres-Or Resources Ltd.

No.	Stone Dimension, mm			Weight		Colour	Clarity	Percent Preservation	Stone Description
	X	Y	Z	mg	Carats				Morphology
<b>-850 / + 600 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-600 / + 425 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-425 / + 300 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-300 / + 212 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-212 / + 150 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-150 / + 105 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
0					0.000000	<b>TOTAL</b>			

Note 1: Diamond Fragments - No Crystal Faces - Preservation (Resorption) cannot be estimated.



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## DIAMOND RECOVERY BY CAUSTIC DISSOLUTION

Project: **8901-398**  
Client: **Tres-Or Resources Ltd.**

Date: July 25, 2005  
LIMS No. **MI0002-JUL05**  
Sample No. **3074**

Mesh	Fraction	Dissolution Residue Description
+6	Ferromagnetic Non-mag	Not applicable
-6+20	Ferromagnetic Non-mag	Rock fragments, silicates, and oxides
+150	Ferromagnetic Mag	Oxides
-20+150	Paramagnetic Mag (0.1 amp)	Not applicable
-20+150	Paramagnetic Mag (0.3 amp)	Not applicable
-20+150	Diamagnetic Mag (0.5 amp)	Rock fragments, oxides and silicates
-20+150	Diamagnetic Non-mag (0.5 amp)	Oxides, silicates, and graphite

**Sample Weight: 8.03kg**  
**Number of Syndites: 0**

**Total Weight (carats)\*: 0.000**  
**Number of Diamonds: 0**

\* Total Weight (carats) was calculated from mg weights. All reported mg weights are measured to within 0.002 mg.

Selection and Description  
Teresa Mailath  
Mineralogy Technician

Quality Control  
Tracy Gill  
Mineralogy Technician

### Note:

SGS Lakefield Research Limited is not responsible for the determination of the origin, quality or value of any diamonds recovered. Each +35 mesh (Tyler sieve; +0.420 mm) stone was individually weighed, and the -35 mesh stones were weighed in groups. Stone dimensions are limited to accuracy of three dimensional measurements of irregular shapes using a petrographic microscope.

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## DIAMOND RECOVERY BY CAUSTIC DISSOLUTION

Project: 8901-398  
 Client: Tres-Or Resources Ltd.

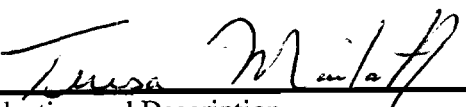
Date: July 25, 2005  
 LIMS No. MI0002-JUL05  
 Sample No. 3074

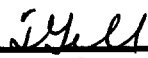
	Diamond Size Fractions	Number of Stones in Group	Group Weight (mg)	Group Carats (calculated)
Stones Described and Weighed Individually	+ 4.75 mm	0	0.000	0.000
	- 4.75 / + 3.35 mm	0	0.000	0.000
	- 3.35 / + 2.36 mm	0	0.000	0.000
	- 2.36 / + 1.70 mm	0	0.000	0.000
	- 1.70 / + 1.18 mm	0	0.000	0.000
	- 1.18 / + 0.85 mm	0	0.000	0.000
	-850 / + 600 $\mu$ m	0	0.000	0.000
Stones Described Individually / Group Weighed	-600 / + 425 $\mu$ m	0	0.000	0.000
	-425 / + 300 $\mu$ m	0	0.000	0.000
	-300 / +212 $\mu$ m	0	0.000	0.000
	-212 / +150 $\mu$ m	0	0.000	0.000
	-150 / +105 $\mu$ m	0	0.000	0.000
	TOTAL	0	0.000	0.000

Sample Weight: 8.03kg  
 Number of Syndites: 0

Total Weight (carats)\*: 0.000  
 Number of Diamonds: 0

\* Total Weight (carats) was calculated from mg weights. All reported mg weights are weighed to within 0.002 mg.

  
 Selection and Description  
 Teresa Mailath  
 Mineralogy Technician

  
 Quality Control  
 Tracy Gill  
 Mineralogy Technician

**Note:**

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July 25, 2005

## DIAMOND RECOVERY BY CAUSTIC DISSOLUTION

Project: **8901-398**

LIMS No. **MI0002-JUL05**

Sample No. **3074**

Sample Weight: **8.03kg**

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

No.	Stone Dimension, mm			Weight		Colour	Clarity	Percent Preservation	Stone Description
	X	Y	Z	mg	Carats				Morphology
<b>+ 4.75 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-4.75 / + 3.35 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-3.35 / + 2.36 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-2.36 / + 1.70 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-1.70 / + 1.18 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-1.18 / + 0.85 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			

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July 25, 2005

## DIAMOND RECOVERY BY CAUSTIC DISSOLUTION

Project: 8901-398

LIMS No. MI0002-JUL05

Sample No. 3074

Sample Weight: 8.03kg

Client: Tres-Or Resources Ltd.

No.	Stone Dimension, mm			Weight		Colour	Clarity	Percent Preservation	Stone Description
	X	Y	Z	mg	Carats				Morphology
<b>-850 / + 600 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-600 / + 425 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-425 / + 300 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-300 / + 212 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-212 / + 150 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-150 / + 105 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
0					0.000000	<b>TOTAL</b>			

Note 1: Diamond Fragments - No Crystal Faces - Preservation (Resorption) cannot be estimated.



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Lakefield, Ontario  
K0L 2H0, CANADA

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## DIAMOND RECOVERY BY CAUSTIC DISSOLUTION

Project: **8901-398**  
Client: **Tres-Or Resources**


Date: July 26, 2005  
LIMS No. **MI0002-JUL05**  
Sample No. **3076**


Mesh	Fraction	Dissolution Residue Description
+6	Ferromagnetic Non-mag	Not applicable
-6+20	Ferromagnetic Non-mag	Rock fragments, silicates, and oxides
+150	Ferromagnetic Mag	Oxides
-20+150	Paramagnetic Mag (0.1 amp)	Not applicable
-20+150	Paramagnetic Mag (0.3 amp)	Not applicable
-20+150	Diamagnetic Mag (0.5 amp)	Oxides and silicates
-20+150	Diamagnetic Non-mag (0.5 amp)	Oxides, silicates, and graphite

**Sample Weight: 7.90kg**  
**Number of Syndites: 0**

**Total Weight (carats)\*: 0.000**  
**Number of Diamonds: 0**

\* Total Weight (carats) was calculated from mg weights. All reported mg weights are measured to within 0.002 mg.

  
\_\_\_\_\_  
Selection and Description  
for Elena Valeyeva  
Mineralogy Technician

  
\_\_\_\_\_  
Quality Control  
Tracy Gill  
Mineralogy Technician

**Note:**

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## DIAMOND RECOVERY BY CAUSTIC DISSOLUTION

Project: **8901-398**

Date: July 26, 2005

Client: **Tres-Or Resources**

LIMS No. **MI0002-JUL05**

Sample No. **3076**

	Diamond Size Fractions	Number of Stones in Group	Group Weight (mg)	Group Carats (calculated)
Stones Described and Weighed Individually	+ 4.75 mm	0	0.000	0.000
	- 4.75 / + 3.35 mm	0	0.000	0.000
	- 3.35 / + 2.36 mm	0	0.000	0.000
	- 2.36 / + 1.70 mm	0	0.000	0.000
	- 1.70 / + 1.18 mm	0	0.000	0.000
	- 1.18 / + 0.85 mm	0	0.000	0.000
	-850 / + 600 $\mu$ m	0	0.000	0.000
Stones Described Individually / Group Weighed	-600 / + 425 $\mu$ m	0	0.000	0.000
	-425 / + 300 $\mu$ m	0	0.000	0.000
	-300 / +212 $\mu$ m	0	0.000	0.000
	-212 / +150 $\mu$ m	0	0.000	0.000
	-150 / +105 $\mu$ m	0	0.000	0.000
	<b>TOTAL</b>	<b>0</b>	<b>0.000</b>	<b>0.000</b>

**Sample Weight: 7.90kg**

**Total Weight (carats)\*: 0.000**

**Number of Syndites: 0**

**Number of Diamonds: 0**

\* Total Weight (carats) was calculated from mg weights. All reported mg weights are weighed to within 0.002 mg.

*Zakaria*

Selection and Description

for Elena Valeyeva  
 Mineralogy Technician

*Tracy Gill*

Quality Control

Tracy Gill  
 Mineralogy Technician

**Note:**

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July 26, 2005

## DIAMOND RECOVERY BY CAUSTIC DISSOLUTION

Project: 8901-398

LIMS No. MI0002-JUL05

Sample No. 3076

Sample Weight: 7.90kg

Client: Tres-Or Resources

No.	Stone Dimension, mm			Weight		Colour	Clarity	Percent Preservation	Stone Description
	X	Y	Z	mg	Carats				Morphology
<b>+ 4.75 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-4.75 / + 3.35 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-3.35 / + 2.36 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-2.36 / + 1.70 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-1.70 / + 1.18 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-1.18 / + 0.85 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			



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July 26, 2005

## DIAMOND RECOVERY BY CAUSTIC DISSOLUTION

Project: 8901-398

Client: Tres-Or Resources

LIMS No. MI0002-JUL05

Sample No. 3076

Sample Weight: 7.90kg

No.	Stone Dimension, mm			Weight		Colour	Clarity	Percent Preservation	Stone Description Morphology
	X	Y	Z	mg	Carats				
<b>-850 / + 600 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-600 / + 425 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-425 / + 300 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-300 / + 212 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-212 / + 150 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-150 / + 105 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
0					0.000000	<b>TOTAL</b>			

Note 1: Diamond Fragments - No Crystal Faces - Preservation (Resorption) cannot be estimated.



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## DIAMOND RECOVERY BY CAUSTIC DISSOLUTION

Project: **8901-398**  
Client: **Tres-Or Resources Ltd.**

Date: July 26, 2005  
LIMS No. **MI0002-JUL05**  
Sample No. **3078**

Mesh	Fraction	Dissolution Residue Description
+6	Ferromagnetic Non-mag	Not applicable
-6+20	Ferromagnetic Non-mag	Oxides and silicates
+150	Ferromagnetic Mag	Oxides
-20+150	Paramagnetic Mag (0.1 amp)	Not applicable
-20+150	Paramagnetic Mag (0.3 amp)	Not applicable
-20+150	Diamagnetic Mag (0.5 amp)	Oxides and silicates
-20+150	Diamagnetic Non-mag (0.5 amp)	Oxides, silicates, and graphite

**Sample Weight: 7.73kg**  
**Number of Syndites: 0**

**Total Weight (carats)\*: 0.000**  
**Number of Diamonds: 0**

\* Total Weight (carats) was calculated from mg weights. All reported mg weights are measured to within 0.002 mg.

Selection and Description  
Teresa Mailath  
Mineralogy Technician

Quality Control  
Tracy Gill  
Mineralogy Technician

### Note:

SGS Lakefield Research Limited is not responsible for the determination of the origin, quality or value of any diamonds recovered. Each +35 mesh (Tyler sieve; +0.420 mm) stone was individually weighed, and the -35 mesh stones were weighed in groups. Stone dimensions are limited to accuracy of three dimensional measurements of irregular shapes using a petrographic microscope.

*Accredited by the Standards Council of Canada to the ISO/IEC Guide 25 standard for specific registered tests.*



SGS Lakefield Research Limited  
 185 Concession St., Box 4300  
 Lakefield, Ontario  
 K0L 2H0, CANADA

Tel: (705) 652-2112  
 Fax: (705) 652-3123

## DIAMOND RECOVERY BY CAUSTIC DISSOLUTION

Project: **8901-398**  
 Client: **Tres-Or Resources Ltd.**


Date: July 26, 2005  
 LIMS No. **MI0002-JUL05**  
 Sample No. **3078**


	Diamond Size Fractions	Number of Stones in Group	Group Weight (mg)	Group Carats (calculated)
Stones Described and Weighed Individually	+ 4.75 mm	0	0.000	0.000
	- 4.75 / + 3.35 mm	0	0.000	0.000
	- 3.35 / + 2.36 mm	0	0.000	0.000
	- 2.36 / + 1.70 mm	0	0.000	0.000
	- 1.70 / + 1.18 mm	0	0.000	0.000
	- 1.18 / + 0.85 mm	0	0.000	0.000
	-850 / + 600 $\mu$ m	0	0.000	0.000
Stones Described Individually / Group Weighed	-600 / + 425 $\mu$ m	0	0.000	0.000
	-425 / + 300 $\mu$ m	0	0.000	0.000
	-300 / +212 $\mu$ m	0	0.000	0.000
	-212 / +150 $\mu$ m	0	0.000	0.000
	-150 / +105 $\mu$ m	0	0.000	0.000
	<b>TOTAL</b>	<b>0</b>	<b>0.000</b>	<b>0.000</b>

**Sample Weight: 7.73kg**  
**Number of Syndites: 0**

**Total Weight (carats)\*: 0.000**  
**Number of Diamonds: 0**

\* Total Weight (carats) was calculated from mg weights. All reported mg weights are weighed to within 0.002 mg.

  
 Selection and Description  
 Teresa Mailath  
 Mineralogy Technician

  
 Quality Control  
 Tracy Gill  
 Mineralogy Technician

**Note:**

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# SGS LAKEFIELD RESEARCH LIMITED

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Fax: 705-652-3123

July 26, 2005

## DIAMOND RECOVERY BY CAUSTIC DISSOLUTION

Project: 8901-398

LIMS No. MI0002-JUL05

Sample No. 3078

Sample Weight: 7.73kg

Client: Tres-Or Resources Ltd.

No.	Stone Dimension, mm			Weight		Colour	Clarity	Percent Preservation	Stone Description
	X	Y	Z	mg	Carats				Morphology
<b>+ 4.75 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-4.75 / + 3.35 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-3.35 / + 2.36 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-2.36 / + 1.70 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-1.70 / + 1.18 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-1.18 / + 0.85 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			

# SGS LAKEFIELD RESEARCH LIMITED

July 26, 2005

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## DIAMOND RECOVERY BY CAUSTIC DISSOLUTION

Project: 8901-398

LIMS No. MI0002-JUL05

Sample No. 3078

Sample Weight: 7.73kg

Client: Tres-Or Resources Ltd.

No.	Stone Dimension, mm			Weight		Colour	Clarity	Percent Preservation	Stone Description Morphology
	X	Y	Z	mg	Carats				
<b>-850 / + 600 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-600 / + 425 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-425 / + 300 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-300 / + 212 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-212 / + 150 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-150 / + 105 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
0					0.000000	<b>TOTAL</b>			

Note 1: Diamond Fragments - No Crystal Faces - Preservation (Resorption) cannot be estimated.



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## DIAMOND RECOVERY BY CAUSTIC DISSOLUTION

Project: **8901-398**  
 Client: **Tres-Or Resources Inc.**

Date: July 26, 2005  
 LIMS No. **MI0002-JUL05**  
 Sample No. **3080**

Mesh	Fraction	Dissolution Residue Description
+6	Ferromagnetic Non-mag	Not applicable
-6+20	Ferromagnetic Non-mag	Rock fragments, silicates, and oxides
+150	Ferromagnetic Mag	Oxides
-20+150	Paramagnetic Mag (0.1 amp)	Not applicable
-20+150	Paramagnetic Mag (0.3 amp)	Not applicable
-20+150	Diamagnetic Mag (0.5 amp)	Oxides and silicates
-20+150	Diamagnetic Non-mag (0.5 amp)	Oxides, silicates, and graphite


**Sample Weight: 8.24kg**  
**Number of Syndites: 0**

**Total Weight (carats)\*: 0.000**  
**Number of Diamonds: 0**

\* Total Weight (carats) was calculated from mg weights. All reported mg weights are measured to within 0.002 mg.

  
 Selection and Description

*for* Elena Valeyeva  
 Mineralogy Technician

  
 Quality Control

Zakia Al Haddad  
 Mineralogy Technician

**Note:**

SGS Lakefield Research Limited is not responsible for the determination of the origin, quality or value of any diamonds recovered. Each +35 mesh (Tyler sieve; +0.420 mm) stone was individually weighed, and the -35 mesh stones were weighed in groups. Stone dimensions are limited to accuracy of three dimensional measurements of irregular shapes using a petrographic microscope.

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## DIAMOND RECOVERY BY CAUSTIC DISSOLUTION

Project: **8901-398**

Date: July 26, 2005

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

LIMS No. **MI0002-JUL05**


Sample No. **3080**


	Diamond Size Fractions	Number of Stones in Group	Group Weight (mg)	Group Carats (calculated)
Stones Described and Weighed Individually	+ 4.75 mm	0	0.000	0.000
	- 4.75 / + 3.35 mm	0	0.000	0.000
	- 3.35 / + 2.36 mm	0	0.000	0.000
	- 2.36 / + 1.70 mm	0	0.000	0.000
	- 1.70 / + 1.18 mm	0	0.000	0.000
	- 1.18 / + 0.85 mm	0	0.000	0.000
	-850 / + 600 $\mu$ m	0	0.000	0.000
Stones Described Individually / Group Weighed	-600 / + 425 $\mu$ m	0	0.000	0.000
	-425 / + 300 $\mu$ m	0	0.000	0.000
	-300 / +212 $\mu$ m	0	0.000	0.000
	-212 / +150 $\mu$ m	0	0.000	0.000
	-150 / +105 $\mu$ m	0	0.000	0.000
	<b>TOTAL</b>	<b>0</b>	<b>0.000</b>	<b>0.000</b>

**Sample Weight: 8.24kg**  
**Number of Syndites: 0**

**Total Weight (carats)\*: 0.000**  
**Number of Diamonds: 0**

\* Total Weight (carats) was calculated from mg weights. All reported mg weights are weighed to within 0.002 mg.

*for*   
 Selection and Description  
 Elena Valeyeva  
 Mineralogy Technician

  
 Quality Control  
 Zakia Al Haddad  
 Mineralogy Technician

**Note:**

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July 26, 2005

## DIAMOND RECOVERY BY CAUSTIC DISSOLUTION

Project: 8901-398

LIMS No. MI0002-JUL05

Sample No. 3080

Sample Weight: 8.24kg

Client: Tres-Or Resources Inc.

No.	Stone Dimension, mm			Weight		Colour	Clarity	Percent Preservation	Stone Description
	X	Y	Z	mg	Carats				Morphology
<b>+ 4.75 mm fraction</b>									
0					0.000000				
0				0.000	0.000000				<b>Sub-Total</b>
<b>-4.75 / + 3.35 mm fraction</b>									
0					0.000000				
0				0.000	0.000000				<b>Sub-Total</b>
<b>-3.35 / + 2.36 mm fraction</b>									
0					0.000000				
0				0.000	0.000000				<b>Sub-Total</b>
<b>-2.36 / + 1.70 mm fraction</b>									
0					0.000000				
0				0.000	0.000000				<b>Sub-Total</b>
<b>-1.70 / + 1.18 mm fraction</b>									
0					0.000000				
0				0.000	0.000000				<b>Sub-Total</b>
<b>-1.18 / + 0.85 mm fraction</b>									
0					0.000000				
0				0.000	0.000000				<b>Sub-Total</b>



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July 26, 2005

## DIAMOND RECOVERY BY CAUSTIC DISSOLUTION

Project: 8901-398

LIMS No. MI0002-JUL05

Sample No. 3080

Sample Weight: 8.24kg

Client: Tres-Or Resources Inc.

No.	Stone Dimension, mm			Weight		Colour	Clarity	Percent Preservation	Stone Description Morphology
	X	Y	Z	mg	Carats				
<b>-850 / + 600 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-600 / + 425 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-425 / + 300 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-300 / + 212 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-212 / + 150 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-150 / + 105 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
0					0.000000	<b>TOTAL</b>			

Note 1: Diamond Fragments - No Crystal Faces - Preservation (Resorption) cannot be estimated.



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## DIAMOND RECOVERY BY CAUSTIC DISSOLUTION

Project: **8901-398**  
Client: **Tres-Or Resources Ltd.**

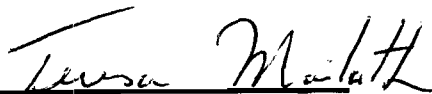
Date: July 26, 2005  
LIMS No. **MI0002-JUL05**  
Sample No. **3082**


Mesh	Fraction	Dissolution Residue Description
+6	Ferromagnetic Non-mag	Not applicable
-6+20	Ferromagnetic Non-mag	Rock fragments, silicates, and oxides
+150	Ferromagnetic Mag	Oxides and silicates
-20+150	Paramagnetic Mag (0.1 amp)	Not applicable
-20+150	Paramagnetic Mag (0.3 amp)	Not applicable
-20+150	Diamagnetic Mag (0.5 amp)	Oxides and silicates
-20+150	Diamagnetic Non-mag (0.5 amp)	Oxides, silicates, and graphite

**Sample Weight: 8.28kg**  
**Number of Syndites: 0**

**Total Weight (carats)\*: 0.000**  
**Number of Diamonds: 0**

\* Total Weight (carats) was calculated from mg weights. All reported mg weights are measured to within 0.002 mg.

  
\_\_\_\_\_  
Selection and Description  
Teresa Mailath  
Mineralogy Technician

  
\_\_\_\_\_  
Quality Control  
Tracy Gill  
Mineralogy Technician

### Note:

SGS Lakefield Research Limited is not responsible for the determination of the origin, quality or value of any diamonds recovered. Each +35 mesh (Tyler sieve; +0.420 mm) stone was individually weighed, and the -35 mesh stones were weighed in groups. Stone dimensions are limited to accuracy of three dimensional measurements of irregular shapes using a petrographic microscope.

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## DIAMOND RECOVERY BY CAUSTIC DISSOLUTION

Project: **8901-398**  
 Client: **Tres-Or Resources Ltd.**


Date: July 26, 2005  
 LIMS No. **MI0002-JUL05**  
 Sample No. **3082**

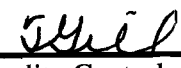
	Diamond Size Fractions	Number of Stones in Group	Group Weight (mg)	Group Carats (calculated)
Stones Described and Weighed Individually	+ 4.75 mm	0	0.000	0.000
	- 4.75 / + 3.35 mm	0	0.000	0.000
	- 3.35 / + 2.36 mm	0	0.000	0.000
	- 2.36 / + 1.70 mm	0	0.000	0.000
	- 1.70 / + 1.18 mm	0	0.000	0.000
	- 1.18 / + 0.85 mm	0	0.000	0.000
	-850 / + 600 $\mu$ m	0	0.000	0.000
Stones Described Individually / Group Weighed	-600 / + 425 $\mu$ m	0	0.000	0.000
	-425 / + 300 $\mu$ m	0	0.000	0.000
	-300 / +212 $\mu$ m	0	0.000	0.000
	-212 / +150 $\mu$ m	0	0.000	0.000
	-150 / +105 $\mu$ m	0	0.000	0.000
	<b>TOTAL</b>	<b>0</b>	<b>0.000</b>	<b>0.000</b>

**Sample Weight: 8.28kg**  
**Number of Syndites: 0**

**Total Weight (carats)\*: 0.000**  
**Number of Diamonds: 0**

\* Total Weight (carats) was calculated from mg weights. All reported mg weights are weighed to within 0.002 mg.

  
 Selection and Description  
 Teresa Mailath  
 Mineralogy Technician

  
 Quality Control  
 Tracy Gill  
 Mineralogy Technician

**Note:**

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July 26, 2005

## DIAMOND RECOVERY BY CAUSTIC DISSOLUTION

Project: 8901-398

LIMS No. MI0002-JUL05

Sample No. 3082

Sample Weight: 8.28kg

Client: Tres-Or Resources Ltd.

No.	Stone Dimension, mm			Weight		Colour	Clarity	Percent Preservation	Stone Description
	X	Y	Z	mg	Carats				Morphology
<b>+ 4.75 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-4.75 / + 3.35 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-3.35 / + 2.36 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-2.36 / + 1.70 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-1.70 / + 1.18 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-1.18 / + 0.85 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			

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## DIAMOND RECOVERY BY CAUSTIC DISSOLUTION

Project: 8901-398

LIMS No. MI0002-JUL05

Sample No. 3082

Sample Weight: 8.28kg

Client: Tres-Or Resources Ltd.

No.	Stone Dimension, mm			Weight		Colour	Clarity	Percent Preservation	Stone Description
	X	Y	Z	mg	Carats				Morphology
<b>-850 / + 600 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-600 / + 425 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-425 / + 300 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-300 / + 212 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-212 / + 150 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-150 / + 105 <math>\mu</math>m fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
0					0.000000	<b>TOTAL</b>			

Note 1: Diamond Fragments - No Crystal Faces - Preservation (Resorption) cannot be estimated.



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## DIAMOND RECOVERY BY CAUSTIC DISSOLUTION

Project: **8901-398**  
Client: **Tres-Or Resources Ltd.**

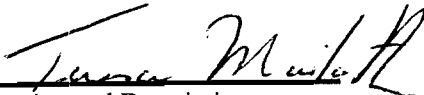
Date: July 26, 2005  
LIMS No. **MI0002-JUL05**  
Sample No. **3084**


Mesh	Fraction	Dissolution Residue Description
+6	Ferromagnetic Non-mag	Not applicable
-6+20	Ferromagnetic Non-mag	Rock fragments, silicates, and oxides
+150	Ferromagnetic Mag	Oxides
-20+150	Paramagnetic Mag (0.1 amp)	Not applicable
-20+150	Paramagnetic Mag (0.3 amp)	Not applicable
-20+150	Diamagnetic Mag (0.5 amp)	Oxides and silicates
-20+150	Diamagnetic Non-mag (0.5 amp)	Oxides, silicates, and graphite

**Sample Weight: 6.38kg**  
**Number of Syndites: 1**

**Total Weight (carats)\*: 0.000**  
**Number of Diamonds: 1**

\* Total Weight (carats) was calculated from mg weights. All reported mg weights are measured to within 0.002 mg.

  
Selection and Description  
Teresa Mailath  
Mineralogy Technician

  
Quality Control  
Tracy Gill  
Mineralogy Technician

**Note:**

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## DIAMOND RECOVERY BY CAUSTIC DISSOLUTION

Project: **8901-398**  
 Client: **Tres-Or Resources Ltd.**

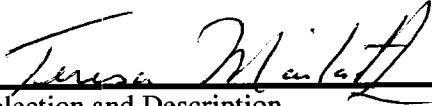
Date: July 26, 2005  
 LIMS No. **MI0002-JUL05**  
 Sample No. **3084**

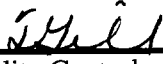
	Diamond Size Fractions	Number of Stones in Group	Group Weight (mg)	Group Carats (calculated)
Stones Described and Weighed Individually	+ 4.75 mm	0	0.000	0.000
	- 4.75 / + 3.35 mm	0	0.000	0.000
	- 3.35 / + 2.36 mm	0	0.000	0.000
	- 2.36 / + 1.70 mm	0	0.000	0.000
	- 1.70 / + 1.18 mm	0	0.000	0.000
	- 1.18 / + 0.85 mm	0	0.000	0.000
	-850 / + 600 $\mu$ m	0	0.000	0.000
Stones Described Individually / Group Weighed	-600 / + 425 $\mu$ m	0	0.000	0.000
	-425 / + 300 $\mu$ m	0	0.000	0.000
	-300 / +212 $\mu$ m	0	0.000	0.000
	-212 / +150 $\mu$ m	0	0.000	0.000
	-150 / +105 $\mu$ m	1	0.005	0.000
	<b>TOTAL</b>	<b>1</b>	<b>0.005</b>	<b>0.000</b>

**Sample Weight: 6.38kg**  
**Number of Syndites: 1**

**Total Weight (carats)\*: 0.000**  
**Number of Diamonds: 1**

\* Total Weight (carats) was calculated from mg weights. All reported mg weights are weighed to within 0.002 mg.

  
 Selection and Description  
 Teresa Mailath  
 Mineralogy Technician

  
 Quality Control  
 Tracy Gill  
 Mineralogy Technician

**Note:**

SGS Lakefield Research Limited is not responsible for the determination of the origin, quality or value of any diamonds recovered. Each +35 mesh (Tyler sieve; +0.420 mm) stone was individually weighed, and the -35 mesh stones were weighed in groups.

*Accredited by the Standards Council of Canada to the ISO/IEC Guide 25 standard for specific registered tests.*

# SGS LAKEFIELD RESEARCH LIMITED

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July 26, 2005

## DIAMOND RECOVERY BY CAUSTIC DISSOLUTION

Project: 8901-398

LIMS No. MI0002-JUL05

Sample No. 3084

Sample Weight: 6.38kg

Client: Tres-Or Resources Ltd.

No.	Stone Dimension, mm			Weight		Colour	Clarity	Percent Preservation	Stone Description
	X	Y	Z	mg	Carats				Morphology
<b>+ 4.75 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-4.75 / + 3.35 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-3.35 / + 2.36 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-2.36 / + 1.70 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-1.70 / + 1.18 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b>-1.18 / + 0.85 mm fraction</b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			



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Client: Tres-Or Resources Ltd.

No.	Stone Dimension, mm			Weight		Colour	Clarity	Percent Preservation	Stone Description
	X	Y	Z	mg	Carats				Morphology
<b><i>-850 / + 600 µm fraction</i></b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b><i>-600 / + 425 µm fraction</i></b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b><i>-425 / + 300 µm fraction</i></b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b><i>-300 / + 212 µm fraction</i></b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b><i>-212 / + 150 µm fraction</i></b>									
0					0.000000				
0				0.000	0.000000	<b>Sub-Total</b>			
<b><i>-150 / + 105 µm fraction</i></b>									
1	0.11	0.11	0.08	0.005	0.000025	White	Translucent	Note 1	Fragment on which crystal faces unrecognizable, minor cleavages
1				0.005	0.000025	<b>Sub-Total</b>			
1					0.000025	<b>TOTAL</b>			

Note 1: Diamond Fragments - No Crystal Faces - Preservation (Resorption) cannot be estimated.

## APPENDIX B

### EXPLANATION OF MICRODIAMOND EXTRACTION AND SELECTION PROCEDURE AND FLOWSHEET

## DIAMOND EXTRACTION BY CAUSTIC DISSOLUTION

### Introduction

Caustic dissolution of exploration samples efficiently produces a concentrate from which diamonds can readily be extracted during microscopic examination. The process takes advantage of diamonds' property of high resistance to caustic soda (NaOH), eliminating diamond size reduction and loss that often occurs during extraction procedures that rely on crushing and attrition milling.

### Procedure

The samples are processed according to the attached flowsheet. Very few minerals survive the harsh chemical attack, therefore weight reductions commonly exceed 99% of the initial sample weight.

As-received samples are divided into equally sized charges of less than 8 kg. Smaller charge sizes are necessary if the sample contains a high proportion of carbonate minerals, which are vigorously reactive with NaOH (the carbonate content is evaluated by an acid test prior to charge preparation). If a high proportion of the sample is composed of fragments larger than 8 cm, simple breakage, crushing or attrition milling may be required for an effective dissolution, or the length of the dissolution process may be increased. Client consultation and approval is necessary before any size reduction of the sample is initiated.

After digestion in molten caustic soda, the sample is poured onto a large-diameter 150 mesh (100  $\mu\text{m}$ ) screen. The + 150 mesh residue is liberated from the NaOH by washing the sample in a series of water and acid leach (HCl) baths. Once all of the NaOH is dissolved and removed, the concentrate is dried and screened on a 6 mesh screen to remove undigested material. The undigested material is examined microscopically by a mineralogist. If a significant amount of +6 mesh remains, or if the material consists of possible diamondiferous rock fragments, further digestion may be required. If the undigested material is of insignificant size or not considered as a possible source of diamonds, the -6 mesh residue is further processed by a two (possibly three if the residue is large) stage magnetic separation procedure utilising a permanent magnet and a Frantz Barrier Magnetic Separator.

The magnetically characterized residue is then submitted for microscopic examination and diamond selection. In addition to diamonds, the residue may contain partially undigested indicator minerals, colourless to opaque spinel, garnet, ilmenite, graphite, moissanite, zircon and kyanite. Each of the magnetic fractions is examined at a magnification of 40x using a binocular microscope. Grains of questionable mineralogy are examined using a scanning electron microscope equipped with an energy dispersive spectral (SEM-EDS) analyzer. Although each magnetically characterized fraction is examined, particular emphasis is given to the diamagnetic portion.

The X, Y and Z dimensions of selected microdiamonds are measured in millimetres. Macrodiamonds are weighed individually while microdiamonds are weighed in groups of 20 or 30, with the milligram weight, in each case, converted to carats. The colour, clarity and morphology of each diamond are determined and all observations reported in a Certificate of Analysis. Synthetic diamonds released into a sample by diamond drill bits are selected and reported as "syndites" on the diamond description sheet.

## Quality Control

Routine quality control tests are utilized to evaluate the efficiency of the caustic dissolution processing technique, by spiking client samples with two sizes (35 mesh and 80 mesh) of synthetic diamonds (easily identifiable, colour treated diamond fragments). Recovery of the diamond spikes typically ranges from 97 to 100%, and for 2002 was 98.2%. Further 2002 statistics showed that an average of 1.18 indicator mineral grains (73% of which were oxides, 27% silicates) were carried over into the caustic soda blank runs between different client's samples.

Each caustic dissolution residue is picked twice by separate diamond pickers. Questionable grains are examined by SEM-EDS for verification.

Every effort is made at each stage of sample handling during caustic dissolution, residue preparation and diamond picking to eliminate the possibility of contamination. These steps include:

- A rigorous sample tracking procedure.
- Dedicated screens and equipment for each sample during sample processing.
- Replacement of screens between each sample after pouring caustic soda.
- Thorough washing and scrubbing of all sample containers.
- Thorough cleaning of equipment used to prepare caustic residues between each processed sample.
- Sandblasting of each kiln pot between clients projects to ensure the removal of any microdiamonds or indicator minerals.

Customized flowsheets for sample processing, utilizing caustic dissolution and other sample preparation techniques (magnetic, gravity, flotation, acid leaching, etc.), can be developed in consultation with the client, to meet specialised requirements.

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## Caustic Dissolution for Microdiamond Recovery

