

GM 59485

REPORT OF ACTIVITIES ON DIAMOND DISCOVERIES INTERNATIONAL PROPERTY DDI 6 IN THE TORNGAT MOUNTAINS OF NORTH-EASTERN QUEBEC

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Énergie et Ressources
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Québec 

Year 2001

REPORT OF ACTIVITIES
ON
DIAMOND DISCOVERIES INTERNATIONAL
PROPERTY
DDI 6

CLAIM LICENCE NO.
P.E.M. 0001472

NTS Sheet 24P/11
IN
THE TORNGAT MOUNTAINS
OF
NORTH-EASTERN QUEBEC

MRN-GÉOINFORMATION 2002

GM 59485

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88 Brookland Street, Antigonish, N.S.
26 May 2002

I

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SUMMARY

Geochemical and stream sediment surveys were completed over the Diamond Discoveries International mineral exploration licence number 0001472 during July, August and September of the year 2001. Twenty five to thirty five kilogram samples of stream sediments were collected on key drainage sites on the property. These samples were further processed in camp to obtain a fine and a coarse concentrate of the heavy minerals found in that sample. The concentrate vials were then shipped to Bob Dillman of Arjadee Prospecting, of Mount Brydges, Ontario for microscope examination of the grains in order to identify Diamond Indicator Minerals (or diamonds) contained in the samples. The mineral grains selected by Bob Dillman were then sent for microprobe analysis. This microprobe work was done by R. L. Barnett Geological Consultant Inc., 9684 Longwood Road, RR32 London, Ontario, N6P 1P2. These results are pending for the silt samples taken on the DDI-6 mineral licence. In total sixty- (60) sample were taken from the DDI - 6 claims. A separate report covering this phase of the work will be compiled and submitted by Mr. Robert Dillman.

Using this process of silt sampling, the kimberlite indicator minerals found in the samples will indicate the presence of kimberlite dykes or pipes in the watershed drained by that portion of a stream.

In the process of collecting these stream sediments it is possible that an experienced crew might visually locate a kimberlite dyke or pipe. This happened on numerous occasions. The crew were well instructed that sampling was not the only goal of the project. The true goal was to locate kimberlite pipes or dykes. All crewmembers were very active in searching for kimberlite rock, or dykes or pipes. No rock of kimberlitic composition was found on the DDI-6 ground.

All assay lab work is yet pending.

Geologists have traversed the property at about 2-3km intervals and have been unable to find kimberlite type rocks

Examination of some magnetic high anomalies was conducted but only one anomaly in the extreme Northwest corner of the property warranted additional silt sampling in its' vicinity. It is a magnetic gabbro in a large circular depression.

PREVIOUS WORK

Previous geological work done in the area consists of regional scale geological mapping by the Geological Survey of Canada.

The map by: VanKranendonk, M.J. 1994,

Geology Riviere Lepers, Quebec - Northwest Territories,
GSC Open File 2829 Scale 1:50,000.

The Quebec Department of Mines has just released map sheet 24P11 in October 2001. It is a compilation by Chantel Belodeau and Serge Perreault and numbered SI-24P11-C3G-011 the coloured map is called Riviere Lepers and its' scale is 1:50 000

1.0 INTRODUCTION

This paper reports on the fieldwork completed on the Diamond Discoveries International mineral licence PEM 0001472 in the TORNGAT Mountains of Northeastern Quebec during the 2001 field season.

Stream Sediment Samples were collected from the first and second order river drainages in an attempt to find Diamond Indicator Minerals in the Heavy Mineral Concentrates (HMC) of these samples.

The concentrates were sent to Robert Dillman of Arjadee Prospecting for microscope examination of the individual grains. Selected suspect grains, from the sample, are then sent for detailed microprobe identification.

The analytical results for this work are still pending.

In 2001 areas not previously examined by a geologist were traversed at about 2-3 km line spacing. No kimberlite rock or suspect areas were identified in this phase of the project.

Magnetic anomalies from the airborne Magnetometer survey conducted in the year 2000 were examined by a geologist and our best prospectors. This work was conducted North and West of the camp at Pangia Lake (Latitude 59°02'00"N and 065°40'00"W). The most northerly magnetic response on the property; at Pointe Le Droit, deserved some additional attention. It occurs in a large circular depression, 300-500 meters in diameter. This is the only large boggy area seen on any of the DDI properties. The magnetic response can be explained by a forty-metre diameter outcrop of magnetic gabbro. The gabbro is located in the southwest quadrant of this circle of boggy ground. A 2-4 meter wall of rock surrounds the low ground. Additional stream samples were taken for indicator mineral analysis. If any of these results are positive this feature deserves a more detailed examination.

2.0 LOCATION AND ACCESS

The Diamond Discoveries International Torn gat Mountain property (licence 0001472) is approximately centred on Latitude 59°37'30"N and 065° 17' 00"W. The property is 18,366 Ha in area. It has a maximum east to west extent of 26 Kms and 23 Kms max north to south distance . (Fig 1)

The nearest community, George River - KANGIQSUALUJUAQ, Quebec is about 60 kms to the Southwest The only practical access is by helicopter or float equipped fixed wing aircraft. There are numerous lakes large enough for a fixed wing aircraft to land or depart but most have numerous rocks in them causing a hazard.

The field crew was serviced out of a camp at the West End of Pangia Lake at a Latitude 59°36'N and Longitude 065°15'W. The camp was about 30 to 45 minuets flying time from George River.

The claims have no elevation greater than 1300 feet. Locally, usually in the valleys or cracks in the rocks, vegetation such as grasses can be found. Small shrubs do occur locally at elevations up to about 300 feet.

In relation to significant geology, the licence is about 12 kms Northwest of the diamondiferous dykes discovered by Twin Mining Corporation in the Abloviak Fiord. This diamond-bearing dyke is now known to extend northeast onto the Riviere Lepers map sheet 24P11. The nearest Twin Mining Corp. dyke is called the "West Dyke". It is about 1.75 kms southeast of the most southern tip of the DDI-6 ground. At the eastern end of the licence is a second southern extending point of the claims. South east of this point and on the International Tower Hill claims at a distance of about 2.3 kms ITH has located a "kimberlite" dyke (called K2 or ITH01). This is probably the extension of Twin Mining's' "SD" dyke about 400m to the southwest of K2. These dykes all strike northeast to southwest therefore they will not enter the DDI-6 mineral license. The proximity of these known kimberlitic dykes is of interest and will be more so if stream sediment samples in the area indicate the presence of kimberlite indicator minerals in their drainage.

3.0 REGIONAL GEOLOGICAL SETTING

The rocks underlying the Diamond Discoveries International Licence - 1472 are part of the Nain Geological Province of the Canadian Shield. The Nain Province makes up most of Labrador and Northern Quebec above the Abloviak Fiord. The Nain geological province is part of the Torngat Orogen that took place (2 to 1.9 billion years ago). Two rock units traverse the property striking NW-SE.

The southern unit is The Tasuyiak gneiss mainly a garnet -silliminite bearing paragneiss. It is often rusty with some graphite and locally traces of pyrite, pyrrhotite (that is sometimes nickel bearing), and occasionally chalcopyrite. Rusty zones in the gneiss are more intense in areas of faulting or shearing and when in contact with dyke intrusions. The mapped limit of the Tasuyiak gneiss crosses the licence in a southeast direction from the eastern edge of the claim block at Point Le Droit. James Moorhead et el in the Quebec Government publication "Kimberlites and Diamonds In Northern Quebec" place the northern limits of the SE trending Abloviak Shear Zone (ABZ) (his Fig 8) at this contact. The ABZ then contains the Tasuyiak gneiss in this region of Quebec. The Kimberlite dykes in the ABZ discussed in his document are all in the Tasuyaik gneiss in this Abloviak Shear Zone.

The second rock unit, north of the Tasuyiak gneisses are reworked Archean metasedimentary gneisses of the Nain Province. Some reworking took place at 1.89 to 1.84 billion years and metamorphosed the rock to charnokites or they were intruded from depth at this time. These rocks are found only in the most eastern two to three kilometres of this licence.

A belt of this rock (about 7Kms wide) is an inlier in the Tasuyiak gneiss and it cuts across the licence 6Kms east of the Pangia Lake camp. The geologist spent three days traversing and mapping this area. The rocks are probably Tasuyiak gneisses but were labelled "undifferentiated" in Taylors GSC 1:250 000 Geology map of 1975. No kimberlite rock was encountered on these traverses.

It is suggested by Moorhead et.el. that there was a tensional events that opened the crust in the area of the ABZ. This would allow for the emplacement of the Kimberlite dykes from great depths. It has been learned in 2001 that there are Kimberlite dykes north of the Tasuyaik gneisses and therefore out of the proposed Abloviak Shear Zone (ABZ). It is clear that it is possible to have Kimberlite intruding rocks of **any** of the three ages associated with brittle-ductile deformation events in the region. James Moorhead et el P.4 in "Kimberlites And Diamonds In Northern Quebec"

says: "At least three crustal events are known in the area occurring in Middle Proterozoic in Lower Proterozoic and in Mesozoic" time. It should therefore be possible to find Kimberlitic rocks outside the boundaries of the ABZ and in rocks both older and younger than the Tasuyiak gneiss.

Twin Mining reports that kimberlite dykes have been found in the oldest member of the Lake Harbour Group on the Beaufremont River in rocks of the Far North Craton itself. These dykes trend east-southeast. Kimberlite dykes in the ABZ trend NNW through NNE. Other kimberlite dykes on Diamond Discoveries International ground DDI-3 are also in metasediments that are older than the Tasuyiak unit and are located north of the Abloviak Shear Zone. Furthermore Moorhead et.al (page 4) states that "some of which are kimberlites, have been identified in the northernmost portion of Labrador, approximately 75 km NE of the Abloviak." We conclude therefore that exploration efforts need not be restricted to the area of the Abloviak Fiord or the ABZ.

4.0 LOCAL GEOLOGY

The rock foliation on the property strikes NW-SE. The rocks have been folded and their axial planes have the same trend as the foliation. The distance between axial planes is about 1.5 to 2 km. Usually the dip on western limb of a fold (on a syncline) is nearly vertical while the eastern limb dips at a shallow angle (about 35°) to the west. This is similar to the pattern of folds on the continent side of a mountain belt. This is consistent with the position of the rocks on the property in relation to the main axis of the Torngat Mountains located about twenty to 30 Kms further east.

Three days were spent by the author mapping the rocks in a 7-Km strip (north to south) starting about 6 kms east of the camp at Pangia Lake. Two additional days were used to map sections of the property north and west of the camp at Pangia Lake. The second day was used to map the rocks between the Renac River and west as far as Ungava Bay.

The Tasuyiak has its' greatest rusty character (on the property) in a belt one to two kilometres wide centred in the east end of Pangia Lake and extending to the northwest and southeast off the property. Flanking this belt are beds of gneiss that may be less rusty along with metasedimentary gneisses and lesser beds of amphibole rich gneisses. The least common rocks in the Tasuyiak suite are paragneisses. The magnetic belt of rock outcropping on the peninsula west of the mouth on the Renac River in Ungava Bay is the

area having the most common frequency of paragneisses on the property.

The metasedimentary gneisses composing the property are made up of about 80% quartz and feldspar with less than 10% garnets and 10% or more of black (mafic) minerals. Locally some units have 40-50% mafics usually amphiboles (occasionally biotite and rarely pyroxene). These beds are contorted and drag folded on the scale of 10 - 30 meters. This is because the mafic rich rock more easily undergoes plastic deformation; at lower temperatures and pressures; than the more silica rich rocks that make up the bulk of the metasedimentary gneisses underlying the property. These mafic rocks may also be paragneisses but garnet content is low indicating a sedimentary origin because of the lack of manganese.

Granite pegmatite rock also occurs on the property as dykes and stringers. In some locations their presence is common. No economic minerals are seen to be associated with them.

The youngest rocks mapped on the DDI-6 licence are gabbro or diabase in composition. They are found intruding Tasuyiak gneisses in the Point Le Droit region in the northwest corner of the claim group. There are two roughly circular airborne magnetic high anomalies that are explained by the presence of fine to medium grained unfoliated gabbroic rock. The rock of the eastern magnetic feature consists of a series of about five east trending "dykes", some of which are up to 60 meters thick. They dip vertically to slightly northward. The thinnest of these gabbro dykes has a thickness of about two meters. Grain size is larger in the thicker dykes so that the feldspars have grown large enough to be detectable. There is a blocky fracture pattern to the outcrops. One of the fracture directions is parallel to the sides of the dykes.

A 2-3 metre vertical wall of rock bounds the western magnetic anomaly. It occurs in a circular boggy depression. In the southwest quadrant of this depression near the edge of the wall is a 20 - 30 metre diameter outcrop of more massive gabbro. It is medium grained strongly magnetic and less blocky fracturing than the gabbroic rock to the east. It also contains trace amounts of pyrite.

Although no kimberlite rock or even peridotite rock was found on the property in 2001 one piece of peridotite float found at 6609000N and 369300E down river from the Pangia Lake camp is of interest. Although it is a peridotite the presence of about 5% phlogopite mica in partly digested booklets along with the partial serpentization of the rock gives it some kimberlite affinity. Silts in this area should be examined closely.

5.0 LICENCE INFORMATION

The Diamond Discoveries International Inc. claims reviewed here are Quebec Exploration Licence Number 0001472. They cover about 183 square kilometres. The claims are all located on NTS 1:50000 map sheet 24P/11. The work in 2001 is for the second year of renewal for this licence. The licence has a maximum east to west extent of 26 Kms and a maximum 23 Kms north to south extent. (Fig 1)

6.0 2001 EXPLORATION PROGRAM

The program was designed to collect 60 stream sediment samples then concentrate the heavy minerals from the samples by panning and mechanical jigging. Concentrates were then examined for the presence of any diamond indicator minerals in them. The presence of kimberlite indicator mineral grains would reveal the presence of kimberlite rock in that part of the drainage basin. Sixty sample sites were visited and samples taken from them. The samples were panned jugged in the field. The concentrates after mechanical jigging were sent to Robert Dillman for microscope selection of suspected indicator minerals. These selected grains were then sent to a R. L. Barnet for microprobe identification of these mineral grains. The result of this work is pending.

6.1 COMMENTS ON RECONNAISSANCE OF AERO MAGNETIC ANOMALIES

A day was spent examining magnetic high anomalies in the north west arm of the claim block. All the magnetic anomalies north of the mouth of the Renac River were examined and the high magnetism explained. The two gabbroic anomalies are discussed elsewhere in this report. The other four anomalies occur in garnetiferous rusty gneisses containing visible magnetite grains along with pyrite and some minor pyrrhotite. The amount of mineralization in the rock, and the total amount of outcrop or sub-outcrop in the vicinity of the magnetic anomalies, does not give the hope that economic concentrations of metals are associated with these magnetic features.

The most southerly anomaly examined at UTM co-ordinate 6617800N and 357600E is located between islands in Ungava Bay and was examined at low tide. The usual garnetiferous siliceous gneisses are present but minor beds of mafic rock are interbedded with them. In two places pyrite rich pods

were found with associated copper bearing chalcopyrite. This magnetic anomaly appears to be the north-western extension of a formational magnetic anomaly found on the mainland underlying the peninsula west of the mouth of the Renac River. The southern end of this belt was traversed and although some very minor mafic beds were seen they are very narrow. It is very unlikely that there are economic metallic deposits associated with them.

Given the fact that all of the field crew proved that they were able to identify the surface traces of kimberlite dykes, and that they travelled extensively on foot between sixty silt sample sites, they should have seen some traces of kimberlite dykes if such existed on the property. The geologist saw 20% of the DDI6 property by foot and saw no intrusions of interest. Rock exposure is in excess of 60%. It is felt that the DDI-6 ground has little potential of containing kimberlite dykes or pipes. If the stream sediments reveal the presence of indicator minerals the magnetic anomalies in this central section of the property should be re-assessed.

The area east of UTM 378000E has kimberlite indicator minerals present from the work done in 2000. The magnetic anomalies in this region need to be examined. If kimberlite indicator grains are found in silt samples from the portion of the licence below UTM 6610000N (the southern triangle) magnetic anomalies in this area could be re-evaluated. There was not sufficient time to do more on the DDI-6 property in 2001 because of the number of dykes found on other DDI properties.

In assessing the most intense rifting and frequency of dykes the concentration appears to be centred between the DDI-1 and west side of DDI-4 ground and extending to the north and south. The east end of the DDI6 property probably represents the western limits of any kimberlite corridor.

6.2 RESULTS

The results of the stream sediment sample work - are pending. Robert Dillman will submit the mineral grain data under a separate report. The silt sample locations are plotted and printed on the maps DDI-6 A and DDI-6 B (Fig 2 and Fig 3) and are listed in the Appendix.

7.0 CONCLUSIONS

Unless there are significantly good results from the Stream Silt Samples it is recommended to drop the portion of the licence west of UTM 378000E. Special caution is enjoined regarding the circular structure at Point Le Droit. The silt samples in this area must be thoroughly scrutinized before dropping the claims in this area.

Indicator minerals were found in the east of DDI6 property in the year 2000. The presence of these kimberlite indicator minerals deserve more verification samples than the four taken in 2001. These most eastern 30 square kilometres of the property needs follow up on the ground by a crew as experienced as that working in 2001. They are past the steep part of the learning curve and should be able to locate kimberlite rocks or dykes if charged with that task and given the proper tools and a reasonable amount of time. Ten to fifteen (10 - 15) crew days would thoroughly examine this ground. A magnetometer would be needed to cover areas overlain by boulder fields or felsenmuir.

Since one of the key signs of the presence of the kimberlite dykes is the grassy cleft in the rocks, exploration at the elevations at this end of the property needs to be done on the ground. The magnetometer used in walking mode is a very good tool in following invisible kimberlitic dykes once they disappear under the extensive boulder fields at these higher elevations. It should be used to follow extensions of known or suspected kimberlite dykes. It can also be used to locate narrow steep gradient magnetic features that are magnetic dykes but may be diabase dykes. An experienced operator should be able to find the more resistant diabase as float on the surface. A computer with appropriate software and an operator familiar with the system will be needed to give daily feedback on likely targets for the crew to focus on the next day.

8.0 RECOMMENDATIONS

Drop the ground covering the western two thirds of the licence and do some work to the eastern portion if the results of the silt mineral grain work indicates that this ground might have some value.

It is possible to rent a magnetometer that has a built in GPS. If this machine is used along with its base station magnetometer collected data can

be correction for its position and diurnal magnetic variation at the same time. The precision of data and location are top quality and are completed in minutes rather than days. Such a dedicated base station magnetometer also has a base station GPS capability. This corrects the GPS field points to an accuracy in the meter range. This would eliminate the need to construct extensive grids in the field. Grid construction in this region takes three times longer than below the tree line. The savings in detailed grid construction costs will easily justify the rental and use of such equipment. Grids can be reduced to witness markers done in paint or with ribbons. In areas of snow pickets could still be used.

The magnetometer can also be used to locate narrow steep gradient magnetic features that are diabase or kimberlite dykes. An experienced operator should be able to find the more resistant diabase as float on the surface. A computer with appropriate software and an operator familiar with the system will be needed to give daily feedback on likely targets for the crew to focus on the following day.

Research by the author indicates that it is possible and preferable to take smaller silt samples in the field. By first screening the material to the required mesh sizes in the field and return to camp with 1 to 1.5 litres of material to be jigged. If a coarse fraction is wanted the field hand could jig the sample in the field on the required screen and return the vial to camp. This would speed up movement from one sample site to another. It would not be necessary to carry 20 to 30 Kg samples to the next location OR have an expensive helicopter land at three or more sites to recover the buckets.

It may be warranted to collect additional silt samples to narrow the target areas in places where kimberlite indicator minerals were found in 2001.

After narrowing the suspect drainage with silt samples a grid of till sampling for HMC's should be used to locate buried or hidden dykes or pipes especially in the large areas of the property that are talus covered. Foot prospecting would not be effective in these types of areas.

APPENDIX I

9.0 MAN DAYS OF WORK

60 samples collected	40 man-days
60 samples panned & jigged	30 man days
Concentrates Examined R. Dillman in process.....	
Microprobe work.....	
General prospecting	6 man days
Checking magnetic targets	2 man-days
Share of mobilization and demobilization... reports	4 man-days 2 man days
TOTAL	more than 94 <u>man days</u>

APPENDIX II

9.1 SAMPLE LOCATIONS

Stream Sediment Heavy Mineral Concentrates

Sample ID	No of fine vials	No. of coarse vials	UTM Coordinates
DDI6- 01			380530E 6614063N
DDI6- 02			380541E 6614080N
DDI6- 03			380334E 6614295N
DDI6- 04	2	1	361209E 6611028N
DDI6- 05	2	2	361680E 6612759N
DDI6- 06	2	2	361446E 6615259N
DDI6- 07			367943E 6614131N
DDI6- 08			368275E 6614854N
DDI6- 09	2	1	367389E 6615258N
DDI6- 10			382880E 6612384N
DDI6- 11			378946E 6612644N
DDI6- 12	2	2	365592E 6613861N
DDI6- 13	1	1	365159E 6612987N
DDI6- 14	1	1	363907E 6612588N
DDI6- 15		1	362300E 6614850N
DDI6- 16	1	1	362135E 6616063N
DDI6- 17	2	1	360583E 6618262N
DDI6- 18	2	1	359988E 6620563N
DDI6- 19	3	1	360204E 6620345N
DDI6- 20	1	1	360669E 6620043N
DDI6- 21	1	1	359056E 6625002N
DDI6- 22	2	2	359342E 6625118N
DDI6- 23	2	1	359041E 6622270N
DDI6- 24	1	1	370505E 6614953N
DDI6- 25	1	1	371534E 6615156N
DDI6- 26	2	1	372428E 6615975N
DDI6- 27	1	1	373905E 6614461N
DDI6- 28	1	1	374912E 6614776N
DDI6- 29	1	1	375782E 6614887N
DDI6-30	1	1	376467E 6614412N

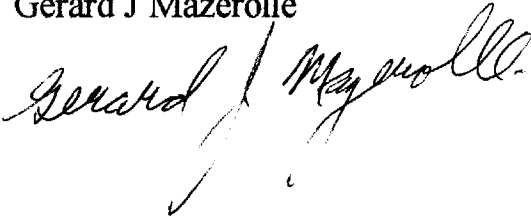
Sample ID	No of fine vials	No. of coarse vials	UTM Coordinates
DDI6- 31	1	1	375078E 6613778N
DDI6- 32	1	1	375991E 6613291N
DDI6- 33	1	1	376688E 6612575N
DDI6- 34	1	2	377784E 6612367N
DDI6- 35	1	1	363403E 6618988N
DDI6- 36	1	1	359700E 6615750N
DDI6- 37	1	1	364448E 6616917N
DDI6- 38	1	1	365721E 6615255N
DDI6- 39	1	1	367417E 6615989N
DDI6- 40	1	1	367793E 6616237N
DDI6- 41	1	1	367611E 6613859N
DDI6- 42	1	1	369371E 6613817N
DDI6- 43	1	1	372188E 6613613N
DDI6- 44	1	1	372267E 6613644N
DDI6- 45	1	1	374251E 6613552N
DDI6- 46	1	1	374222E 6612261N
DDI6- 47	1	1	374977E 6611606N
DDI6- 48	1	1	372508E 6611517N
DDI6- 49	1	1	369856E 6611007N
DDI6- 50	1	1	365269E 6611911N
DDI6- 51	2	1	366858E 6611078N
DDI6- 52	1	1	367113E 6610281N
DDI6- 53	1		364577E 6612745N
DDI6- 54	1		358945E 6617255N
DDI6- 55	2		356979E 6620663N
DDI6- 56	1		360066E 6618245N
DDI6- 57	1		360997E 6618848N
DDI6- 58	1		362486E 6619020N
DDI6- 59	1		367087E 6613762N
DDI6- 60	1	1	358251E 6624538N

10.0 DISCLAIMER

I, Gerard J Mazerolle of 88 Brookland Street, Antigonish, Nova Scotia; have been a professional Geologist for more than 32 years. I declare that I have never, nor do I hold any interest, monetary or otherwise, in any of the Tandem Resources properties or in the company itself.

I declare that I performed and supervised the performance of all the fieldwork declared in this report on behalf of Tandem Resources Ltd

Gerard J Mazerolle



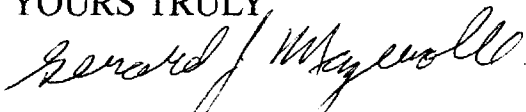
11.0 QUALIFICATIONS

I, Gerard J. Mazerolle, declare I am a graduate geologist. I received my B.Sc. degree in Geology from St. Francis Xavier University in 1969.

I have practiced my profession in Canada and the United States over the last 32 years. I am a member of the Prospectors and Developers Association of Canada.

I have performed or supervised all the work declared in this report.

YOURS TRULY



Gerard J. Mazerolle BSc.

05/30/2002 16:16 5192649278 ARJADEE PROSPECTING PAGE 04

SAMPLE NUMBER: DDI-6-4

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 82.1

SIZE FRACTION: <0.5 millimetres

MAGNETIC FRACTION: 0 grams
 NONMAGNETIC FRACTION: 82.1 grams
 TOTAL 82.1 grams

COARSE OR FINER FRACTION AVAILABLE?: YES

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 82.1 grams

DATE: MAY 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL.BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLIVINE	MICA		OPAQUES					OTHER					
	PYROPE	ECLOGITE	ANDRADITE	ALMD	Cr DiOP	Cr CPX	ENSTATITE	AUGITE	OLIVINE	PHLOGO	BIOTITE	CHROMITE	Mg ILMENITE	PEROV	MAG	PYRITE	RUTILE	AMPHI.	SPHENE	ZIR	CORUN.	
PURPLE																						
LILAC																						
RED																					3 g	
ORANGE				30%																10%		
PINK				60%																		
BROWN																						
BLACK															Tr.		Tr.	Tr.				
Br. GREEN																						
DL. GREEN																						
YELLOW																						
CLEAR																						
SILVER																						
TOTAL				90%											Tr.		Tr.	Tr.	10%			

Tr. : Trace (<1%) g : grains

KIMBERLITE OR RELATED MINERALS: NO

DISTANCE ESTIMATE:

TOTAL KIMBERLITE OR RELATED MINERALS:

OTHER MINERALS OF INTEREST:

COMMENTS: 3 large zircon fragments.

SIGNED BY: *[Signature]* MAY 27/02

ROBERT J. DILLMAN

ARJADEE PROSPECTING

SAMPLE NUMBER: DDI-6-5

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 88.3 SIZE FRACTION: <0.5 millimetres

MAGNETIC FRACTION: 0 grams
 NONMAGNETIC FRACTION: 88.3 grams
 TOTAL 88.3 grams

COARSE OR FINER FRACTION AVAILABLE?: YES

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 88.3 grams

DATE: MAY 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL.BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLIVINE	MICA		OPAQUES						OTHER				
	PYROPE	ECLOGITE	ANDRADITE	ALMD	Cr Diop	Cr Cpx	ENSTATITE	AUGITE	OLIVINE	PHLOGO	BIOTITE	CHROMITE	Mg ILMENITE	PEROV	MAG	PYRITE	RUTILE	AMPHL	SPHENE	ZIR	CORUN.	
PURPLE																						
LILAC																						
RED																						
ORANGE				30%																20%		
PINK				50%																		
BROWN																						
BLACK															Tr.		Tr.	Tr.				
Dk. GREEN																						
YELLOW																						
CLEAR																						
SILVER																						
TOTAL				80%											Tr.		Tr.	Tr.	20%			

Tr. : Trace (<1%) g : grains

KIMBERLITE OR RELATED MINERALS: NO

DISTANCE ESTIMATE:

TOTAL KIMBERLITE OR RELATED MINERALS:

OTHER MINERALS OF INTEREST:

COMMENTS: 1 large hematite grain. Abundant orange sphene.

SIGNED BY: *Robert J. Dillman* MAY 27/02

ROBERT J. DILLMAN

ARJADEE PROSPECTING

SAMPLE NUMBER: DDI-6-6

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 81.9

SIZE FRACTION: <0.5 millimetres

MAGNETIC FRACTION: 0 grams
NONMAGNETIC FRACTION: 81.9 grams
TOTAL 81.9 grams

COARSE OR FINER FRACTION AVAILABLE?: YES

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 81.9 grams

DATE: MAY 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL.BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLIVINE	MICA		OPAQUES						OTHER		ZIR	CORUN.
	PYROPE	ECLOGITE	ANDRADITE	ALMD	Cr-DIOP	Cr-CPX	ENSTATITE	AUGITE	OLIVINE	PHLOGO	BIOTITE	CHROMITE	Mg ILMENTI	PEROV	MAG	PYRITE	RUTILE	AMPHI.	SPHENE		
PURPLE																					
LILAC																					
RED																					
ORANGE				30%																Tr.	
PINK				70%																	
BROWN																					
BLACK															Tr.		Tr.	Tr.			
B. GREEN																					
DK. GREEN																					
YELLOW																					
CLEAR																					
SILVER																					
TOTAL				100%											Tr.		Tr.	Tr.	Tr.		

Tr. : Trace (<1%) g : grains

KIMBERLITE OR RELATED MINERALS:

DISTANCE ESTIMATE: sillimanite? source close to sample site.

TOTAL KIMBERLITE OR RELATED MINERALS:

OTHER MINERALS OF INTEREST:

COMMENTS: Trace dark orange-red almandine. Trace clear sillimanite?

SIGNED BY:

Robert J. Dillman MAY 27/02

ROBERT J. DILLMAN

ARJADEE PROSPECTING

SAMPLE NUMBER: DDI-6-9

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 113

SIZE FRACTION: <0.5 millimetres

MAGNETIC FRACTION: 0 grams
 NONMAGNETIC FRACTION: 113 grams
 TOTAL 113 grams

COARSE OR FINER FRACTION AVAILABLE?: YES

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 58.1 grams

DATE: MAY 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL.BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLIVINE		MICA		OPAQUES					OTHER			ZIR	CORUN.	
	PHYROPE	ECLOGITE	ANDRADITE	ALMND	Cr DiOP	Cr CPX	ENSTATTITE	AUGITE	OLIVINE	PHLOGO	BIOTITE	CHROMITE	Mg ILMENITE	PEROV	MAG	PYRITE	RUTILE	AMPHL	SPHENE				
PURPLE																						4 g	
LILAC																							
RED																						Tr.	
ORANGE				40%																		Tr.	
PINK				50%																			
BROWN																						Tr.	
BLACK															5%		1%	5%					
Br. GREEN																							
DK. GREEN																							
YELLOW																							
CLEAR																							
SILVER																							
TOTAL				90%											5%		1%	5%	Tr.	Tr.			

Tr. : Trace (<1%) g : grains

KIMBERLITE OR RELATED MINERALS: No

DISTANCE ESTIMATE:

TOTAL KIMBERLITE OR RELATED MINERALS:

OTHER MINERALS OF INTEREST:

COMMENTS: 5% dark orange-red almandine could be eclogite?. Trace whitish-brown amphibole with inclusions of magnetite.

SIGNED BY:  MAY 27/02

ROBERT J. DILLMAN

ARJADEE PROSPECTING

SAMPLE NUMBER: DDI-6-10

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 99.2

SIZE FRACTION: <0.5 millimetres

MAGNETIC FRACTION: 0 grams
 NONMAGNETIC FRACTION: 99.2 grams
 TOTAL 99.2 grams

COARSE OR FINER FRACTION AVAILABLE?: YES

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 56.5 grams

DATE: MAY 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL.BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLVINE	MICA		OPAQUES					OTHER		ZIR	CORUN.	
	PYROPE	ECLOGITE	ANDRADITE	ALMD	Cr DIOP	Cr CFX	ENSTATITE	AUGITE	OLVINE	PHLOGO	BIOTITE	CHRONITE	Mg ILMENITE	PEROV	MAG	PYRITE	RUTILE	AMPHL			SPHENE
PURPLE																					
LILAC																					
RED																					Tr.
ORANGE				30%																5%	
PINK				50%																	
BROWN																			1%		
BLACK															5%		1%	5%			
Dr. GREEN																					
Dk. GREEN							1 g												1%		
YELLOW																					
CLEAR																					
SILVER																					
TOTAL				80%			1 g								5%		1%	7%	5%		Tr.

Tr. : Traces (<1%) g : grains

KIMBERLITE OR RELATED MINERALS: NO

DISTANCE ESTIMATE:

TOTAL KIMBERLITE OR RELATED MINERALS:

OTHER MINERALS OF INTEREST:

COMMENTS: Traces sillimanite?. Increase in various coloured amphiboles. Some dark green amphibole in quartz, black amphibole or brown mica.

SIGNED BY:

ROBERT J. DILLMAN

ARJADEE PROSPECTING

SAMPLE NUMBER: DDI-6-11

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 119.1

SIZE FRACTION: <0.5 millimetres

MAGNETIC FRACTION: 0 grams
 NONMAGNETIC FRACTION: 119.1 grams
 TOTAL 119.1 grams

COARSE OR FINER FRACTION AVAILABLE?: YES

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 62.3 grams

DATE: MAY 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLIVINE	MICA		OPAQUES					OTHER				
	PYROPE	ECLOGITE	ANDRADITE	ALMD	Cr DiOP	Cr CPX	ENSTATITE	AUGITE	OLIVINE	PHLOGO	BIOTITE	CHROMITE	Mg ILMENITE	PEROV	MAG	PYRITE	RUTILE	AMPHL	SPHENE	ZIR	CORUN.
PURPLE																					
LILAC																					
RED				?																Tr.	
ORANGE				10%																35%	
PINK				50%																	
BROWN																					
BLACK															2%		2%	1%			
Br. GREEN																					
Dr. GREEN																					
YELLOW																					
CLEAR																					
SILVER																					
TOTAL				80%											2%		2%	1%	35%	Tr.	

Tr. : Trace (<1%)

g : grains

KIMBERLITE OR RELATED MINERALS: NO


DISTANCE ESTIMATE: 0 distance to orange sphene source.

TOTAL KIMBERLITE OR RELATED MINERALS:

OTHER MINERALS OF INTEREST:

COMMENTS: Some orange sphene could be orange garnet.

SIGNED BY:


 MAY 27/02

ROBERT J. DILLMAN

ARJADEE PROSPECTING

SAMPLE NUMBER: DDI-6-12

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 75.8

SIZE FRACTION: <0.5 millimetres

MAGNETIC FRACTION: 0 grams
 NONMAGNETIC FRACTION: 75.8 grams
 TOTAL 75.8 grams

COARSE OR FINER FRACTION AVAILABLE?: YES

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 59.5 grams

DATE: MAY 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL.BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLVINE	MICA		OPAQUES					OTHER				
	PYROPE	ECLOGITE	ANDRADITE	ALMD	Cr DiOP	Cr CPX	ENSTATITE	AUGITE	OLVINE	PHLOGO	BIOTITE	CHROMITE	Mg ILMENITE	PEROV	MAG	PYRITE	RUTILE	AMPHI.	SPHENE	ZIR	CORUN.
PURPLE																					
LILAC																					
RED																					
ORANGE				40%																5%	
PINK				50%																	
BROWN																					
BLACK															1%		1%	1%			
Br. GREEN																					
Dk. GREEN																		Tr.			
YELLOW																					
CLEAR																					
SILVER																					
TOTAL				90%											1%		1%	1%	5%		

Tr. : Trace (<1%)

g : grains

KIMBERLITE OR RELATED MINERALS: NO

DISTANCE ESTIMATE:

TOTAL KIMBERLITE OR RELATED MINERALS:

OTHER MINERALS OF INTEREST: 1 clear blue pellet-shaped spinel, 0.3 mm.

COMMENTS: Trace sillimanite?.

SIGNED BY:



ROBERT J. DILLMAN

ARJADEE PROSPECTING

SAMPLE NUMBER: DDI-6-13

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 90.8 SIZE FRACTION: <0.5 millimetres

MAGNETIC FRACTION: 0 grams
 NONMAGNETIC FRACTION: 90.8 grams
 TOTAL 90.8 grams

COARSE OR FINER FRACTION AVAILABLE?: YES

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 90.8 grams

DATE: MAY 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLIVINE	MICA		OPAQUES						OTHER				
	PHYROPE	ECLOGITE	ANDRADITE	ALMD	Cr DiOP	Cr CPX	ENSTATITE	AUGITE	OLIVINE	PHLOGO	BIOTITE	CHROMITE	Mg ILMENITE	PEROV	MAG	PYRITE	RUTILE	AMPHI.	SPHENE	ZIR	CORUN.	
PURPLE																						
LILAC																						
RED																					Tr.	
ORANGE				30%																	Tr.	
PINK				60%																		
BROWN																					Tr.	
BLACK															1%		Tr.		Tr.			
Br. GREEN																						
DL. GREEN							2 g														?	
YELLOW																						
CLEAR																						
SILVER																						
TOTAL				90%			2 g								1%		Tr.	1%	Tr.	Tr.	Tr.	

Tr. : Trace (<1%) g : grains

KIMBERLITE OR RELATED MINERALS: No

DISTANCE ESTIMATE:

TOTAL KIMBERLITE OR RELATED MINERALS:

OTHER MINERALS OF INTEREST: 1 clear blue spinel octahedral crystal 0.2 mm.

COMMENTS: 8 pellet-shaped pink almandine. 5% dark orange-red almandine.
 Enstatite could be amphibole.

SIGNED BY:

Robert J. Dillman MAY 27/02

ROBERT J. DILLMAN

ARJADEE PROSPECTING

SAMPLE NUMBER: DDI-6-14

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 102.5

SIZE FRACTION: <0.5 millimetres

MAGNETIC FRACTION: 0 grams
 NONMAGNETIC FRACTION: 102.5 grams
 TOTAL 102.5 grams

COARSE OR FINER FRACTION AVAILABLE?: YES

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 102.5 grams

DATE: MAY 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLIVINE	MICA		OPAQUES					OTHER					
	PYROPE	ECLOGITE	ANDRADITE	ALMD	Cr DiOP	Cr CPX	ENSTATITE	AUGITE	OLIVINE	PHLOGO	BIOTITE	CHROMITE	Mg ILMENITE	PEROV	MAG	PYRITE	RUTILE	AMPHI.	SPHENE	ZIR	CORUN.	
PURPLE																					3 g	
LILAC																						
RED																					Tr.	
ORANGE				25%																	4%	
PINK				70%																		
BROWN																						
BLACK															Tr.		1%					
Br. GREEN																						
Dk. GREEN																						
YELLOW																						
CLEAR																						
SILVER																						
TOTAL				95%											Tr.		1%			4%	Tr.	

Tr. : Trace (<1%) g : grains

KIMBERLITE OR RELATED MINERALS: NO

DISTANCE ESTIMATE: rutile source in area.

TOTAL KIMBERLITE OR RELATED MINERALS:

OTHER MINERALS OF INTEREST:

COMMENTS: many rutile as subhedral crystal.

SIGNED BY:

RJD MAY 31/02

ROBERT J. DILLMAN

ARJADEE PROSPECTING

SAMPLE NUMBER: DDI-6-15

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 108.7

SIZE FRACTION: <0.5 millimetres

MAGNETIC FRACTION: 0 grams
 NONMAGNETIC FRACTION: 108.7 grams
 TOTAL 108.7 grams

COARSE OR FINER FRACTION AVAILABLE?: YES

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 77.8 grams

DATE: MAY 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL.BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLIVINE	MICA		OPAQUES						OTHER				
	PYROPE	ECLOGITE	ANDRADITE	ALMD	Cr DiOP	Cr CPX	ENSTATITE	AUGITE	OLIVINE	PHLOGO	BIOTITE	CHROMITE	Mg ILMENITE	PEROV	MAG	PYRITE	RUTILE	AMPHL	SPHENE	ZIR	CORUN.	
PURPLE																						
LILAC																						
RED																						
ORANGE				15%																	5%	
PINK				80%																		
BROWN																						
BLACK															Tr.		Tr.	Tr.				
Br. GREEN																						
Dk. GREEN																						
YELLOW																						
CLEAR																						
SILVER																1g						
TOTAL				95%											Tr.	1g	Tr.	Tr.	5%			

Tr. : Trace (<1%) g : grains

KIMBERLITE OR RELATED MINERALS: NO

DISTANCE ESTIMATE:

TOTAL KIMBERLITE OR RELATED MINERALS:

OTHER MINERALS OF INTEREST:

COMMENTS:

SIGNED BY:

R. J. Dillman MAY 31/02

ROBERT J. DILLMAN

ARJADEE PROSPECTING

SAMPLE NUMBER: DDI-6-16

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 108.3 SIZE FRACTION: <0.5 millimetres

MAGNETIC FRACTION: 0 grams
 NONMAGNETIC FRACTION: 108.3 grams
 TOTAL 108.3 grams

COARSE OR FINER FRACTION AVAILABLE?: YES

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 73.6 grams

DATE: MAY 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL.BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLIVINE	MICA		OPAQUES					OTHER				
	PYROPE	ECLOGITE	ANDRADITE	ALMD	Cr DiOP	Cr CPX	ENSTATITE	AUGITE	OLIVINE	PHLOGO	BIOTITE	CHROMITE	Mg SILMNT	PEROV	MAG	PYRITE	RUTILE	AMPHL	SPHENE	ZIR	CORUN.
PURPLE																					
LILAC																					
RED																					
ORANGE				20%																5%	
PWK				45%																	
BROWN																					
BLACK															Tr.		1%				
Br. GREEN																					
DR. GREEN																					
YELLOW																					
CLEAR																					
SILVER																					
TOTAL				65%											Tr.		1%		5%		

Tr. : Trace (<1%) g : grains

KIMBERLITE OR RELATED MINERALS: NO

DISTANCE ESTIMATE: 0 distance to sillimanite? & rutile source(s).

TOTAL KIMBERLITE OR RELATED MINERALS:

OTHER MINERALS OF INTEREST:

COMMENTS: 30% clear and clear yellow sillimanite? many fragments of euhedral-subhedral rod-like crystals.
 Most rutile in subhedral crystal form

SIGNED BY:

RJD MAY 27/02

ROBERT J. DILLMAN

ARJADEE PROSPECTING

SAMPLE NUMBER: DDI-6-17

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 89.7

SIZE FRACTION: <0.5 millimetres

MAGNETIC FRACTION: 0 grams
 NONMAGNETIC FRACTION: 89.7 grams
 TOTAL 89.7 grams

COARSE OR FINER FRACTION AVAILABLE?: YES

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 59.7 grams

DATE: MAY 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL.BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLIVINE	MICA		OPAQUES					OTHER					
	PYROPE	ECLOGITE	ANDRADITE	ALMD	Cr DiOP	Cr Cpx	ENSTATITE	AUGITE	OLIVINE	PHLOGO	BIOTTE	CHROMITE	Mg ILMENTI	PEROV	MAG	PYRITE	RUTILE	AMPHL	SPHENE	ZIR	CORUN.	
PURPLE																					3 g	
LILAC																						
RED				Tr.																	Tr.	
ORANGE				60%																	Tr.	
PINK				30%																		
BROWN																						
BLACK												4 g?			1%						1%	
Br. GREEN																						
Dk. GREEN																					Tr.	
YELLOW																						
CLEAR																						
SILVER																						
TOTAL				90%								4 g?			1%						1%	Tr.

Tr. : Trace (<1%) g : grains

KIMBERLITE OR RELATED MINERALS: NO

DISTANCE ESTIMATE:

TOTAL KIMBERLITE OR RELATED MINERALS:

OTHER MINERALS OF INTEREST:

COMMENTS: 15 hematite grains. Trace of rusty unidentifiable oxide grains. 1 potential chromite octahedron
 3 pellet-shaped grains.

SIGNED BY:

RJD MAY 27/02

ROBERT J. DILLMAN

ARJADEE PROSPECTING

SAMPLE NUMBER: DDI-6-18

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 97.6

SIZE FRACTION: <0.5 millimetres

MAGNETIC FRACTION: 0 grams
 NONMAGNETIC FRACTION: 97.6 grams
 TOTAL 97.6 grams

COARSE OR FINER FRACTION AVAILABLE?: YES

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 97.6 grams

DATE: MAY 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL.BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLVINE	MICA		OPAQUES					OTHER		ZIR	CORUN.		
	PYROPE	ECLOGITE	ANDRADITE	ALMD	Cr Diop	Cr CPX	ENSTATITE	AUGITE	OLVINE	PHLOGO	BIOTITE	CHROMITE	Mg ILMENITE	PEROV	MAG	PYRITE	RUTILE	AMPHL			SPHENE	
PURPLE																						
LILAC																						
RED																						8 g
ORANGE				10%																	10%	
PINK				70%																		
BROWN																					Tr.	
BLACK															2%		1%			Tr.		
Br. GREEN																						
Dr. GREEN																						
YELLOW																						
CLEAR																						
SILVER																						
TOTAL				80%											2%		1%	1%	10%		8 g	

Tr. : Trace (<1%) g : grains

KIMBERLITE OR RELATED MINERALS: No

DISTANCE ESTIMATE: sillimanite? source close to sample site.

TOTAL KIMBERLITE OR RELATED MINERALS:

OTHER MINERALS OF INTEREST:

COMMENTS: Trace dark orange-red almandine. 5% clear sillimanite?, many fragments of euhedral to subhedral shaped crystal.

SIGNED BY:

[Signature] MJD 27/02

ROBERT J. DILLMAN

ARJADEE PROSPECTING

SAMPLE NUMBER: DDI-6-19

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 90.6

SIZE FRACTION: <0.5 millimetres

MAGNETIC FRACTION: 0 grams
 NONMAGNETIC FRACTION: 90.6 grams
 TOTAL 90.6 grams

COARSE OR FINER FRACTION AVAILABLE?: YES

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 73 grams

DATE: MAY 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL.BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLIVINE	MICA		OPAQUES					OTHER		ZIR	CORUN.		
	PYROPE	ECLOGITE	ANDRADITE	ALMD	Cr DIOP	Cr CPX	ENSTATITE	AUGITE	OLIVINE	PHLOGO	BIOTITE	CHROMITE	SILLIMANITE	PEROV	MAG	PYRITE	RUTILE	AMPHL			SPHENE	
PURPLE																					12 g	
LILAC																						
RED																						3 g
ORANGE				15%																	2%	
PINK				80%																		
BROWN																						Tr.
BLACK															1%		1%					Tr.
Br. GREEN																						Tr.
DK. GREEN							2 g															
YELLOW																						
CLEAR																						
SILVER																						
TOTAL				95%			2 g								1%		1%	1%	2%		15 g	

Tr. : Trace (<1%)

g : grains

KIMBERLITE OR RELATED MINERALS: NO

DISTANCE ESTIMATE: brown amphibole source close to sample site.

TOTAL KIMBERLITE OR RELATED MINERALS:

OTHER MINERALS OF INTEREST:

COMMENTS: trace sillimanite?. Trace black metallic with peacock tarnish, nonmagnetic. Increase in various brown amphibole. Some brown amphibole with black inclusions of rutile?, black amphibole or fine mica.

SIGNED BY:

RJD MAY 25/02

ROBERT J. DILLMAN

ARJADEE PROSPECTING

SAMPLE NUMBER: DDI-6-20

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 71.8

SIZE FRACTION: <0.5 millimetres

MAGNETIC FRACTION: 0 grams
NONMAGNETIC FRACTION: 71.8 grams
TOTAL 71.8 grams

COARSE OR FINER FRACTION AVAILABLE?: YES

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 71.8 grams

DATE: MAY 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL.BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLIVINE	MICA		OPAQUES						OTHER				
	PYROPE	ECLOGITE	ANORADITE	ALMO	Gr Diop	Gr CPX	ENSTATITE	AUGITE	OLIVINE	PHLOGO	BIOTITE	CHROMITE	Mg ILMENITE	PEROV	MAG	PYRITE	RUTILE	AMPHI	SPHENE	ZIR	CORUN.	
PURPLE																						5g
LILAC																						
RED																						
ORANGE				50%																Tr.		
PINK				45%																		
BROWN																						
BLACK															Tr.		Tr.	Tr.				
Br. GREEN																						
DK. GREEN																			1g			
YELLOW																						
CLEAR																						
SILVER																						
TOTAL				95%											Tr.		Tr.	Tr.	Tr.		5g	

Tr. : Trace (<1%) g : grains

KIMBERLITE OR RELATED MINERALS: NO

DISTANCE ESTIMATE:

TOTAL KIMBERLITE OR RELATED MINERALS:

OTHER MINERALS OF INTEREST:

COMMENTS: 1% sillimanite, trace nonmagnetic black metallic with peacock tarnish (ilmenite?), several grains as large sub-pellet shaped grains.

SIGNED BY:

R. Dillman MAY 31/02

ROBERT J. DILLMAN

ARJADEE PROSPECTING

ARJADEE PROSPECTING

5192649278

06/03/2002 17:22

SAMPLE NUMBER: DDI-6-21

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 93.2

SIZE FRACTION: <0.5 millimetres

MAGNETIC FRACTION: 0 grams
 NONMAGNETIC FRACTION: 93.2 grams
 TOTAL 93.2 grams

COARSE OR FINER FRACTION AVAILABLE?: YES

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 67.1 grams

DATE: MAY 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL.BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLIVINE	MICA		OPAQUES						OTHER				
	PYROPE	ECLOGITE	ANDRADITE	ALMD	Cr DiOP	Cr Cpx	ENSTATITE	AUGITE	OLIVINE	PHLOGO	BTOTTE	CHROMITE	Mg ILMENITE	PEROV	MAG	PYRITE	RUTILE	AMPHL	SPHENE	ZIR	CORUN.	
PURPLE																					3 g	
LILAC																						
RED				?																	Tr.	
ORANGE				25%																		
PINK				70%																		
BROWN																						
BLACK															Tr.		Tr.	Tr.				
Dr. GREEN																						
Dk. GREEN																					7 g	
YELLOW																						3 g
CLEAR																						
SILVER																						
TOTAL				95%											Tr.	3 g	Tr.	Tr.				

Tr. : Trace (<1%) g : grains

KIMBERLITE OR RELATED MINERALS: NO

DISTANCE ESTIMATE:

TOTAL KIMBERLITE OR RELATED MINERALS:

OTHER MINERALS OF INTEREST:

COMMENTS: trace dark orange-red almandine. Some red zircon could be almandine.
 Several rusty-yellow pyrite. Small clinopyroxene or amphibole.

SIGNED BY: *Robert J. Dillman* MAY 31/02

ROBERT J. DILLMAN

ARJADEE PROSPECTING

SAMPLE NUMBER: DD1-6-22

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 126.1

SIZE FRACTION: <0.5 millimetres

MAGNETIC FRACTION: 0 grams
 NONMAGNETIC FRACTION: 126.1 grams
 TOTAL 126.1 grams

COARSE OR FINER FRACTION AVAILABLE?: YES

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 65.5 grams

DATE: MAY 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLIVINE		MICA		OPAQUES					OTHER				
	PYROPE	ECLOGITE	ANDRADITE	ALMD	Cr DNDP	Cr CPX	ENSTATITE	AUGITE	OLIVINE	PHLOGO	BIOTITE	CHROMITE	Mg ILMENITE	PEROV	MAG	PYRITE	RUTILE	AMPHI.	SPHENE	ZIR	CORUN.	
PURPLE																						
LILAC																						
RED				Tr.																		
ORANGE				50%																		
PINK				45%																		
BROWN																					Tr.	
BLACK												?	?		Tr.						Tr.	
Dr. GREEN																						
Dk. GREEN										3 g												Tr.
YELLOW																3%						
CLEAR																						
SILVER																						
TOTAL				95%						3 g					Tr.	3%					1%	

Tr. : Trace (<1%) g : grains

KIMBERLITE OR RELATED MINERALS: NO

DISTANCE ESTIMATE: 0 distance to sulphide zone.

TOTAL KIMBERLITE OR RELATED MINERALS:

OTHER MINERALS OF INTEREST:

COMMENTS: trace ilmenite. Trace black and grey translucent silicate, some pellet-shaped grains.
 Some pyrite has inclusions of quartz, graphite. Trace nonmagnetic black metallic with peacock tarnish.
 SULPHIDE TARGET

SIGNED BY:

RJD May 31/02

ROBERT J. DILLMAN

ARJADEE PROSPECTING

SAMPLE NUMBER: DDI-6-23

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 96 SIZE FRACTION: <0.5 millimetres

MAGNETIC FRACTION: 0 grams
 NONMAGNETIC FRACTION: 96 grams
 TOTAL: 96 grams

COARSE OR FINER FRACTION AVAILABLE?: YES

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 67.5 grams DATE: MAY 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLIVINE	MICA		OPAQUES					OTHER			ZIR	CORUN.		
	PHYROPE	ECLOGITE	ANDRADITE	ALMD	Cr DiOP	Cr CPX	ENSTATITE	AUGITE	OLIVINE	PHILOGO	BIOTITE	CHROMITE	Mg HLMENIT	PEROV	MAG	PYRITE	RUTILE	AMPHL	SPHENE				
PURPLE																						2 g	
LILAC																							
RED																							
ORANGE				50%																		10%	
PINK				40%																			
BROWN																							
BLACK															Tr.		Tr.	Tr.					
Br. GREEN																							
Dr. GREEN																							
YELLOW																							
CLEAR																							
SILVER																							
TOTAL				90%											Tr.		Tr.	Tr.		10%		2 g	

Tr. : Trace (<1%) g : grains

KIMBERLITE OR RELATED MINERALS: NO

DISTANCE ESTIMATE:

TOTAL KIMBERLITE OR RELATED MINERALS:

OTHER MINERALS OF INTEREST:

COMMENTS: several epidote grains. 8 hematite.

SIGNED BY: *R. J. Dillman* MAY 31/02

ROBERT J. DILLMAN

ARJADEE PROSPECTING

SAMPLE NUMBER: DDI-6-24

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 86.6

SIZE FRACTION: <0.5 millimetres

MAGNETIC FRACTION: 0 grams
NONMAGNETIC FRACTION: 86.6 grams
TOTAL 86.6 grams

COARSE OR FINER FRACTION AVAILABLE?:

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 43 grams

DATE: MAY 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLIVINE	MICA		OPAQUES						OTHER		ZIR	CORUND	
	PYROPE	ECLOGITE	ANDRADITE	ALMD	Cr DIOP	Cr CPX	ENSTATITE	AUGITE	OLIVINE	PHLOGO	BIOTITE	CHROMITE	Mg KMENTI	PEROV	MAG	PYRITE	RUTILE	AMPHL	SPHENE			
PURPLE																					4 g	
LILAC																						
RED																						
ORANGE				5%																	Tr.	
PINK				80%																		
BROWN																						
BLACK															5%		1%	Tr.				
Br. GREEN																						
DK. GREEN																						
YELLOW																						
CLEAR																						
SILVER																						
TOTAL				85%											5%		1%	Tr.	Tr.		4 g	

Tr. : Trace (<1%)

g : grains

KIMBERLITE OR RELATED MINERALS: No

TOTAL KIMBERLITE OR RELATED MINERALS:

DISTANCE ESTIMATE:

source of dark orange-red zircon close to sample site.

OTHER MINERALS OF INTEREST:

COMMENTS: dark orange-red almandine could be eclogite.

SIGNED BY:

Robert J. Dillman MAY 14/02

ROBERT J. DILLMAN

ARJADEE PROSPECTING

SAMPLE NUMBER: DDI-6-25

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 81.3

SIZE FRACTION: <0.5 millimetres

MAGNETIC FRACTION: 0 grams
NONMAGNETIC FRACTION: 81.3 grams
TOTAL 81.3 grams

COARSE OR FINER FRACTION AVAILABLE?: YES

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 81.3 grams

DATE: MAY 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLIVINE	MICA			OPAQUES					OTHER						
	PYROPE	ECLOGITE	ANDRADITE	ALMD	Cr Diop	Cr Cpx	ENSTATITE	AUGITE	OLIVINE	PHLOGO	BIOTITE	CHROMITE	Mg ILMENITE	PEROV	MAG	PYRITE	RUTILE	AMPH	SPHENE	ZIR	COF	REL		
PURPLE																							5g	
LLAC																								
RED																								
ORANGE				5%																				
PINK				80%																				
BROWN																							3g	
BLACK																							10%	
Br. GREEN																							?	
Dr. GREEN																							Tr.	
YELLOW																								
CLEAR																								
SILVER																								
TOTAL				65%																			10%	5g

Tr. : Trace (<1%)

g : grains

KIMBERLITE OR RELATED MINERALS: YES?

TOTAL KIMBERLITE OR RELATED MINERALS: Tr.

DISTANCE ESTIMATE:

enstatite, black amphibole & zircon source proximal site.

OTHER MINERALS OF INTEREST: chrome clinopyroxene lost.

COMMENTS: Trace dark orange-red almandine fragments similar to DDI-6-24. Most black amphibole in composite with white feldspar-quartz-gamet, source close. Euhedral crystals zircon.

SIGNED BY:

Robert J. Dillman MAY 15/02

ROBERT J. DILLMAN

ARJADEE PROSPECTING

SAMPLE NUMBER: DDI-6-26

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 51.2

SIZE FRACTION: <0.5 millimetres

MAGNETIC FRACTION: 0 grams
NONMAGNETIC FRACTION: 51.2 grams
TOTAL 51.2 grams

COARSE OR FINER FRACTION AVAILABLE?: YES

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 51.2 grams

DATE: MAY 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLMNE	MICA		OPAQUES						OTHER				
	PYROPE	ECLOGITE	ANDRADITE	ALMD	Cr DIOP	Cr Cpx	ENSTATITE	AUGITE	OLIVINE	PHLOGO	BIOTITE	CHROMITE	Mg SILICATE	PEROV	MAG	PYRITE	RUTILE	AMPH.	SPHENE	ZIR	CORUN.	
PURPLE																					3 g	
LILAC																						
RED																					3 g	
ORANGE				5%																		
PINK				80%																		
BROWN																						
BLACK											3%				Tr.		2%					
Br. GREEN																						
DL GREEN							2 g															
YELLOW																						
CLEAR																						
SILVER																						
TOTAL				85%			2 g				3%				Tr.		2%				6 g	

Tr. : Trace (<1%) g : grains

KIMBERLITE OR RELATED MINERALS: NO

DISTANCE ESTIMATE:

TOTAL KIMBERLITE OR RELATED MINERALS:

OTHER MINERALS OF INTEREST: thin clay coating on 20% of grains.

COMMENTS: 10% clear sillimanite. Several biotite in composite with pink garnet.
Abundant fresh pink almandine.

SIGNED BY:

Robert J. Dillman May 23/02

ROBERT J. DILLMAN

ARJADEE PROSPECTING

5192649278 16:30 72002

SAMPLE NUMBER: DDI-6-26

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 93.3 SIZE FRACTION: <0.5 millimetres

MAGNETIC FRACTION: 0 grams
 NONMAGNETIC FRACTION: 93.3 grams
 TOTAL 93.3 grams
 COARSE OR FINER FRACTION AVAILABLE?: YES

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 40 grams DATE: MAY 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLIVINE	MICA		OPAQUES						OTHER	SPHENE	ZIR	CORUN.
	PYROPE	ECLOGITE	ANDRADITE	ALMD	Cr DNOP	Cr CPX	ENSTATITE	AUGITE	OLIVINE	PHLOGO	BIOTITE	CHROMITE	Mg ILMENITE	PEROV	MAG	PYRITE	RUTILE	AMPH.			
PURPLE																					10 g
LILAC																					
RED																					
ORANGE				Tr.																	5%
PINK				50%																	
BROWN																					
BLACK																					
Br. GREEN																					
DK. GREEN																					
YELLOW																					
CLEAR																					
SILVER																					
TOTAL				50%		1 g	2 g					2%									5% 10 g

Tr. : Trace (<1%) g : grains

KIMBERLITE OR RELATED MINERALS: NO?

TOTAL KIMBERLITE OR RELATED MINERALS:

DISTANCE ESTIMATE: 0 distance to almandine-sillimanite?-graphite-zircon-biotite(s).

OTHER MINERALS OF INTEREST: two colour of orange almandine garnet.

COMMENTS: several dark orange-red almandine fragments as in DDI-6-25, fresh pink and light orange, sillimanite?, graphite zircon, orange sphene. Abundant graphite flakes 1%. Chrome cpx <0.2 mm. Biotite metamorphic?

SIGNED BY:

Robert J. Dillman MAY 15/02

ROBERT J. DILLMAN

ARJADEE PROSPECTING

SAMPLE NUMBER: DDI-6-27

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 51.3

SIZE FRACTION: <1.0 millimetres

MAGNETIC FRACTION: 0 grams
NONMAGNETIC FRACTION: 51.3 grams
TOTAL 51.3 grams

COARSE OR FINER FRACTION AVAILABLE?: YES

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 51.3 grams

DATE: MAY 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLIVINE	MICA		OPAQUES						OTHER				
	PYROPE	ECLOGITE	ANDRADITE	ALMD	Cr DiOP	Cr CPX	ENSTATITE	AUGITE	OLIVINE	PHLOGO	BIOTITE	CHROMITE	Mg ILMENITE	PEROV	MAG	PYRITE	RUTILE	AMPHI.	SPHENE	ZIR	GORUM	
PURPLE																						
LILAC																						
RED																						
ORANGE				5%																		3 g
PINK				70%																		
BROWN																						
BLACK															2%		2%	2%				
Br. GREEN																						
Dk. GREEN																						
YELLOW																						
CLEAR																						
SILVER																						
TOTAL				70%											2%		2%	2%				3 g

Tr. : Trace (<1%)

g : grains

KIMBERLITE OR RELATED MINERALS: No

DISTANCE ESTIMATE: pink almandine source close to sample site.

TOTAL KIMBERLITE OR RELATED MINERALS:

OTHER MINERALS OF INTEREST:

COMMENTS: fresh pink almandine garnet, many in composite with quartz-feldspar-sillimanite-biotite.

SIGNED BY:

[Handwritten Signature] May 14/02

ROBERT J. DILLMAN

ARJADEE PROSPECTING

SAMPLE NUMBER: DDI-6-28

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 64

SIZE FRACTION: <0.5 millimetres

MAGNETIC FRACTION: 0 grams

COARSE OR FINER FRACTION AVAILABLE?: YES

NONMAGNETIC FRACTION: 64 grams

TOTAL 64 grams

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 64 grams

DATE: MAY 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL.BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLIVINE		MICA		OPAQUES					OTHER			
	PYROPE	ECLOGITE	ANDRADITE	ALMD	Cr DIOP	Cr CPX	ENSTATITE	AUGITE	OLIVINE	PHLOGO	BIOTITE	CHROMITE	Mg ILMENITE	PEROV	MAG	PYRITE	RUTILE	AMPHI.	SPHENE	ZIR	CORUN.
PURPLE																					1g
LILAC																					
RED																					5g
ORANGE				30%																	10%
PINK				60%																	
BROWN																					
BLACK															Tr.		Tr.	Tr.			
Br. GREEN																					
Dk. GREEN								1g													
YELLOW																					
CLEAR																					
SILVER																					
TOTAL				80%				1g							Tr.		Tr.	Tr.	10%	6g	

Tr. : Trace (<1%) g : grains

KIMBERLITE OR RELATED MINERALS: NO

DISTANCE ESTIMATE:

TOTAL KIMBERLITE OR RELATED MINERALS:

OTHER MINERALS OF INTEREST:

COMMENTS: trace sillimanite?. 1 rusty unidentifiable grain.

SIGNED BY:

RJD MAY 30/02

ROBERT J. DILLMAN

ARJADEE PROSPECTING

5192649278 06/03/2002 17:22 ARJADEE PROSPECTING

SAMPLE NUMBER: DDI-6-28

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 42.2

SIZE FRACTION: >1.0 millimetres

MAGNETIC FRACTION: 0 grams
 NONMAGNETIC FRACTION: 42.2 grams
 TOTAL 42.2 grams

COARSE OR FINER FRACTION AVAILABLE?: ?

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 42.2 grams

DATE: MAY 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLVINE	MICA		OPAQUES						OTHER				
	PHYROPE	ECLOGITE	ANDRADITE	ALMND	Cr DIOP	Cr Cpx	ENSTATITE	AUGITE	OLVINE	PHILOGO	BIOTITE	CHROMITE	Mg ILMENITE	PEROV	MAG	PYRITE	RUTILE	AMPHI	SPHENE	ZIR	CORUN.	
PURPLE																						
LILAC																						
RED																						
ORANGE				10%																		
PINK				70%																		
BROWN											2 g											
BLACK															1 g							
Br. GREEN																			1 g			
Dk. GREEN																						
YELLOW																						
CLEAR																						
SILVER																						
TOTAL				80%							2 g				1 g				1 g			

Tr. : Trace (<1%) g : grains

KIMBERLITE OR RELATED MINERALS: No

DISTANCE ESTIMATE: pink almandine and graphite sources close to site.

TOTAL KIMBERLITE OR RELATED MINERALS:

OTHER MINERALS OF INTEREST:

COMMENTS: abundant fresh pink almandine, many in composite with quartz-feldspar-sillimanite, some with graphite inclusions. Biotite could be metamorphic source.

SIGNED BY:

[Signature] MAY 14/02

ROBERT J. DILLMAN

ARJADEE PROSPECTING

SAMPLE NUMBER: DDI-6-29

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 94.5 SIZE FRACTION: <0.5 millimetres

MAGNETIC FRACTION: 0 grams COARSE OR FINER FRACTION AVAILABLE?: YES
NONMAGNETIC FRACTION: 94.5 grams
TOTAL 94.5 grams

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 55.7 grams DATE: MAY 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLIVINE		MICA		OPAQUES					OTHER			
	PYROPE	ECLOGITE	ANDRADITE	ALMD	CR DIOP	CR CPX	ENSTATITE	AUGITE	OLIVINE	PHLOGO	BIOTITE	CHROMITE	Mg ILMENITE	PEROV	MAG	PYRITE	RUTILE	AMPH	SPHENE	ZIR	CORUN
PURPLE																					
LILAC																					
RED				1 g													3 g				
ORANGE				50%																3%	
PINK				30%																	
BROWN																					
BLACK													7 g?		1%		Tr.	Tr.			
Br. GREEN																					
DK GREEN																					
YELLOW																					
CLEAR																					
SILVER																					
TOTAL				80%									7 g?		1%		Tr.	Tr.		3%	

Tr. : Trace (<1%)

g : grains

KIMBERLITE OR RELATED MINERALS: NO?

DISTANCE ESTIMATE:

TOTAL KIMBERLITE OR RELATED MINERALS:

OTHER MINERALS OF INTEREST:

COMMENTS: Traces of unknown black metallic with peacock tarnish nonmagnetic as in DDI-5-17, several red rutile, several rusty silicates with inclusions of graphite.

SIGNED BY:

RJD MAY 15/02

ROBERT J. DILLMAN

ARJADEE PROSPECTING

SAMPLE NUMBER: DDI-6-30

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 62.6

SIZE FRACTION: <0.5 millimetres

MAGNETIC FRACTION: 0 grams
 NONMAGNETIC FRACTION: 62.6 grams
 TOTAL 62.6 grams

COARSE OR FINER FRACTION AVAILABLE?: YES

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 41.9 grams

DATE: MAY 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLIVINE	MICA		OPAQUES						OTHER				
	PYROPE	ECLOGITE	ANDRADITE	ALND	Cr DIOP	Cr CPX	ENSTATITE	AUGITE	OLIVINE	PHLOGO	BIOTITE	CHROMITE	Mg ILMENITE	PEROV	HAZ	PYRITE	RUTILE	AMPH	SPHENE	ZIR	CORUN.	
PURPLE																						
LILAC																						
RED																						
ORANGE				Tr.?															Tr.			
PINK				Tr.?																		Tr.?
BROWN											5%								Tr.			Tr.?
BLACK											Tr.						Tr.	Tr.				
Br. GREEN																						
Dk. GREEN																						
YELLOW																3 g						Tr.?
CLEAR																						
SILVER																						
TOTAL					1%?						5%					3 g	Tr.	1%	1%?			1%?

Tr.: Trace (<1%) g: grains

KIMBERLITE OR RELATED MINERALS: ??

DISTANCE ESTIMATE: 0 distance to graphite-orange silicate-corundum?-sphalerite? source(s).

TOTAL KIMBERLITE OR RELATED MINERALS:

OTHER MINERALS OF INTEREST: rust coating 80% of grains.
 most grains from an immediate source.

COMMENTS: abundant biotite flakes (metamorphic source?) some in composite with white silicate. Pink & orange garnet could be corundum. 1% unknown black metallic could be sphalerite. 5% unknown dull orange translucent silicate. Yellow sphene could be sillimanite.

SIGNED BY: *Robert J. Dillman* MAY 15/02

ROBERT J. DILLMAN

ARJADEE PROSPECTING

UNIQUE SAMPLE: LAMPROPHYRE SOURCE WITH CORUNDUM??

SAMPLE NUMBER: DDI-6-31

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 64.4 SIZE FRACTION: <0.5 millimetres

MAGNETIC FRACTION: 0 grams COARSE OR FINER FRACTION AVAILABLE?: YES
NONMAGNETIC FRACTION: 64.4 grams
TOTAL 64.4 grams PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 46.5 grams DATE: MAY 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL.BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLIVINE	MICA		OPAQUES					OTHER				
	GYROPE	ECLOGITE	ANDRADITE	ALMO	Cr DiOP	Cr CPX	ENSTATITE	AUGITE	OLIVINE	PHLOGO	BIOTITE	CHROMITE	Mg ILMENT	PEROV	MAG	PYRITE	RUTILE	AMPHI.	SPHENE	ZIR	CORUN.
PURPLE																					
LILAC																					
RED																				1g	
ORANGE				90%															1%		?
PINK				Tr.?																	?
BROWN											Tr.										
BLACK															Tr.		Tr.				
Br. GREEN																					
DL. GREEN																					
YELLOW																					
CLEAR																					
SILVER																					
TOTAL				90%							Tr.				Tr.		Tr.		1%	1g	?

Tr. : Trace (<1%) g : grains

KIMBERLITE OR RELATED MINERALS: ??

DISTANCE ESTIMATE: potential lamprophyre ? in vicinity to sample site.

TOTAL KIMBERLITE OR RELATED MINERALS:

OTHER MINERALS OF INTEREST:

COMMENTS: trace of minerals seen in DDI- 6-30 including potential pink and orange corundum.

SIGNED BY:

RJD Dillman May 15/02

ROBERT J. DILLMAN

ARJADEE PROSPECTING

SAMPLE NUMBER: DDI-6-32

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 44.5 SIZE FRACTION: <0.5 millimetres

MAGNETIC FRACTION: 0 grams COARSE OR FINER FRACTION AVAILABLE?: YES
NONMAGNETIC FRACTION: 44.5 grams
TOTAL 44.5 grams

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 44.5 grams DATE: MAY 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLIVINE	MICA			OPAQUES					OTHER			
	PYROPE	ECLOGITE	ANDRADITE	ALMO	Cr DiOP	Cr CPX	ENSTATITE	AUGITE	OLIVINE	PHLOGO	BIOTITE	CHROMITE	Mg ILMENITE	PEROV	MAG	PYRITE	RUTILE	AMPHI	SPHENE	ZIR	CORUN.
PURPLE																					
LILAC																					
RED																				9 g	
ORANGE				5%																	?
PINK				85%																	?
BROWN											Tr.									Tr.	
BLACK													Tr.		Tr.		Tr.		Tr.		
Gr. GREEN																					
Dk. GREEN																					
YELLOW																					
CLEAR																					
SILVER																					
TOTAL				90%							Tr.		Tr.		Tr.		Tr.	1%		9 g	?

Tr. : Trace (<1%) g : grains

KIMBERLITE OR RELATED MINERALS: ??

DISTANCE ESTIMATE: potential lamprophyre ? in vicinity to sample site.

TOTAL KIMBERLITE OR RELATED MINERALS:

OTHER MINERALS OF INTEREST:

COMMENTS: slight increase in potential corundum-lamprophyre minerals as seen in DDI-6-30.
Trace graphite. Trace potential sphalerite.

SIGNED BY: *RJD* MAY 15/02

ROBERT J. DILLMAN

ARJADEE PROSPECTING

SAMPLE NUMBER: DDI-6-33

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 47.5

SIZE FRACTION: <0.5 millimetres

MAGNETIC FRACTION: 0 grams
NONMAGNETIC FRACTION: 47.5 grams
TOTAL 47.5 grams

COARSE OR FINER FRACTION AVAILABLE?: YES

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 47.5 grams

DATE: MAY 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL.BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLVINE	MICA		OPAQUES					OTHER					
	PYROPE	ECLOGITE	ANDRADITE	ALMD	Cr DiOP	Cr CPX	ENSTATITE	AUGITE	OLVINE	PHLOGO	BIOTITE	CHROMITE	Mg ILMENITE	PEROV	MAG	PYRITE	RUTILE	AMPHI.	SPHENE	ZIR	COBALT	
PURPLE																						
LILAC																						
RED				?																	7 g?	
ORANGE				Tr.																	5%	
PINK				80%																		
BROWN																						
BLACK													?		10%				5%			
Br. GREEN																						
DL. GREEN																						
YELLOW																						
CLEAR																						
SILVER																						
TOTAL				80%									?		10%				5%	5%	7 g?	

Tr. : Trace (<1%) g : grains

KIMBERLITE OR RELATED MINERALS: NO

DISTANCE ESTIMATE: potential lamprophyre ? in vicinity to sample site.

TOTAL KIMBERLITE OR RELATED MINERALS:

OTHER MINERALS OF INTEREST:

COMMENTS: red zircon could be red almandine. Increase in magnetite, many in composite with quartz or white feldspar.

SIGNED BY: *[Signature]* MAY 15/02

ROBERT J. DILLMAN

ARJADEE PROSPECTING

05/17/2002 16:55 01926452/B

SAMPLE NUMBER: DDI-6-34

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 95.1

SIZE FRACTION: <0.5 millimetres

MAGNETIC FRACTION: 0 grams
 NONMAGNETIC FRACTION: 95.1 grams
 TOTAL 95.1 grams

COARSE OR FINER FRACTION AVAILABLE?: YES

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 95.1 grams

DATE: MAY 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL.BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLIVINE	MICA		OPAQUES						OTHER				
	PYROPE	ECLOGITE	ANDRADITE	ALMD	Cr DiOP	Cr CPX	ENSTATITE	AUGITE	OLIVINE	PHLOGO	BIOTITE	CHROMITE	Mg ILMENITE	PEROV	MAG	PYRITE	RUTILE	AMPHL	SPHENE	ZIR	CORUN.	
PURPLE																						2 g
LILAC																						
RED																						1 g
ORANGE				5%																		5%
PINK				85%																		5 g?
BROWN											3 g											
BLACK															Tr.		5%					
Br. GREEN																						
DK. GREEN																					1 g	
YELLOW																						
CLEAR																						
SILVER																						
TOTAL				90%							3 g				Tr.		5%	1 g	5%	3 g	5 g?	

Tr. : Trace (<1%) g : grains

KIMBERLITE OR RELATED MINERALS: ?

DISTANCE ESTIMATE:

TOTAL KIMBERLITE OR RELATED MINERALS:

OTHER MINERALS OF INTEREST:

COMMENTS: potential pink corundum. Traces of grains seen in DDI-6-30. 7 pellet-shaped pink almandine, could be corundum.

SIGNED BY: *RJD* MAY 21/02

ROBERT J. DILLMAN

SAMPLE NUMBER: DDI-6-35

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 115.4

SIZE FRACTION: <0.5 millimetres

MAGNETIC FRACTION: 0 grams

COARSE OR FINER FRACTION AVAILABLE?: YES

NONMAGNETIC FRACTION: 115.4 grams

TOTAL 115.4 grams

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 64.7 grams

DATE: MAY 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL.BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLIVINE	MICA		OPAQUES					OTHER				COR
	PYROPE	ECLOGITE	ANDRADITE	ALMID	Cr DIOP	Cr CPX	ENSTATITE	AUGITE	OLIVINE	PHLOGO	BIOTITE	CHROMITE	Mg ILMENITE	PEROV	MAG	PYRITE	RUTILE	AMPH	SPHENE	ZIR	
PURPLE																				Tr.	
LILAC																					
RED																					
ORANGE				35%																1%	
PINK				60%																	
BROWN																					
BLACK															1%		2%				
Br. GREEN																					
Dr. GREEN																			1g		
YELLOW																					
CLEAR																					
SILVER																					
TOTAL				95%											1%		2%	1g	1%	Tr.	

Tr. : Trace (<1%) g : grains

KIMBERLITE OR RELATED MINERALS: NO

DISTANCE ESTIMATE: 0 distance to purple zircon source.

TOTAL KIMBERLITE OR RELATED MINERALS:

OTHER MINERALS OF INTEREST:

COMMENTS: most purple zircon <0.3 mm.

SIGNED BY:

RJD May 21/02

ROBERT J. DILLMAN

ARJADEE PROSPECTING

SAMPLE NUMBER: DDI-6-36

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 72 SIZE FRACTION: <0.5 millimetres

MAGNETIC FRACTION: 0 grams
 NONMAGNETIC FRACTION: 72 grams
 TOTAL 72 grams
 COARSE OR FINER FRACTION AVAILABLE?: YES

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 49.2 grams DATE: MAY 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLIVINE	MICA		OPAQUES						OTHER				
	PYROPE	ECLOGITE	ANDRADITE	ALMD	Cr DiOP	Cr CPX	ENSTATITE	AUGITE	OLIVINE	PHLOGO	BIOTITE	CHROMITE	Mg ILMENITE	PEROV	MAG	PYRITE	RUTILE	AMPH	SPHENE	ZIR	CORUN.	
PURPLE																					Tr.	
LILAC																						
RED																						7 g
ORANGE				40%																		15%
PINK				45%																		
BROWN																						
BLACK															Tr.		1%	Tr.				
B. GREEN																						
DK. GREEN																						3 g
YELLOW																						
CLEAR																						
SILVER																						
TOTAL				95%											Tr.		1%	Tr.		15%	Tr.	

Tr. : Trace (<1%) g : grains

KIMBERLITE OR RELATED MINERALS: NO

DISTANCE ESTIMATE: orange sphene and orange garnet source(s) close to sample site.

TOTAL KIMBERLITE OR RELATED MINERALS:

OTHER MINERALS OF INTEREST:

COMMENTS: fresh orange garnet and sphene. Cr clinopyroxene <0.2 mm.

SIGNED BY: *RJD* MAY 21/02

ROBERT J. DILLMAN

ARJADEE PROSPECTING

SAMPLE NUMBER: DDI-6-37

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 113

SIZE FRACTION: <0.5 millimetres

MAGNETIC FRACTION: 0 grams
 NONMAGNETIC FRACTION: 113 grams
 TOTAL 113 grams

COARSE OR FINER FRACTION AVAILABLE?: YES

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 61.5 grams

DATE: MAY 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL.BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLIVINE	MICA		OPAQUES					OTHER		Zr	CORUN.			
	PYROPE	ECLOGITE	ANDRADITE	ALMD	Cr DiOP	Cr CPX	ENSTATITE	AUGITE	OLIVINE	PHLOGO	BIOTITE	CHROMITE	Mg ILMENITE	PEROV	MAG	PYRITE	RUTILE	AMPH.			SPHENE		
PURPLE																					3 g		
BLAC																						12 g	
RED																							
ORANGE				30%																		5%	
PINK				60%																			
BROWN																							
BLACK															2%		1%	Tr.					
Br. GREEN																							
Dr. GREEN																							
YELLOW																							
CLEAR																							
SILVER																							
TOTAL				90%											2%		1%	Tr.	5%			15 g	

Tr. : Trace (<1%)

g : grains

KIMBERLITE OR RELATED MINERALS: NO


DISTANCE ESTIMATE:

TOTAL KIMBERLITE OR RELATED MINERALS:

OTHER MINERALS OF INTEREST:

COMMENTS: 12 g of dark orange-red almandine could be zircon, large grains +0.5 mm.

SIGNED BY:


 MAY 21/02

ROBERT J. DILLMAN

ARJADEE PROSPECTING

SAMPLE NUMBER: DDI-6-38

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 84.6 SIZE FRACTION: <0.5 millimetres

MAGNETIC FRACTION: 0 grams
 NONMAGNETIC FRACTION: 84.8 grams
 TOTAL 84.8 grams

COARSE OR FINER FRACTION AVAILABLE?: YES

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 84.6 grams DATE: MAY 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL.BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLIVINE	MICA		OPAQUES					OTHER					
	PYROPE	ECLOGITE	ANDRADITE	ALMO	Cr DIOP	Cr CPX	ENSTATTITE	AUGITE	OLIVINE	PHLOGO	BIOTITE	CHROMITE	Mg ILMENITE	PEROV	MAG	PYRITE	RUTILE	AMPHI.	SPHENE	ZIR	COHLY.	
PURPLE																						
LILAC																						
RED				1 g																		
ORANGE				25%																		?
PINK				70%																		3%
BROWN																						
BLACK											1 g											
Br. GREEN															Tr.		Tr.					Tr.
DK. GREEN						2 g	4 g															
YELLOW																5 g						
CLEAR																						
SILVER																						
TOTAL				95%		2 g	4 g				1 g				Tr.	5 g	Tr.	1%	3%			?

Tr. : Trace (<1%) g : grains

KIMBERLITE OR RELATED MINERALS: ?

DISTANCE ESTIMATE: pyrite source in area.

TOTAL KIMBERLITE OR RELATED MINERALS:

OTHER MINERALS OF INTEREST:

COMMENTS: several large dark orange-red almandine fragments some could be Zircon. Small clinopyroxene, large enstatite. Rusty pitted yellow pyrite.

SIGNED BY:

R. J. Dillman MAY 24/02

ROBERT J. DILLMAN

ARJADEE PROSPECTING

SAMPLE NUMBER: DDI-6-39

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 35.1 SIZE FRACTION: <0.5 millimetres

MAGNETIC FRACTION: 0 grams COARSE OR FINER FRACTION AVAILABLE?: YES
NONMAGNETIC FRACTION: 35.1 grams
TOTAL 35.1 grams

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 35.1 grams DATE: MAY 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLIVINE	MICA		OPAQUES					OTHER				ZIR	CORUN.	
	PYROPE	ECLOGITE	ANDRADITE	ALMD	Cr DIOP	Cr CPX	ENSTATITE	AUGITE	OLIVINE	PHLOGO	BIOTITE	CHROMITE	Mg ILMENITE	PEROV	MAG	PYRITE	RUTILE	AMPHL	SPHENE				
PURPLE																					3 g		
LILAC																							
RED																					5 g		
ORANGE				5%																	5%	?	
PINK				85%																		?	
BROWN																					Tr.		
BLACK															Tr.		Tr.				5%		
Br. GREEN																							
DK. GREEN																							
YELLOW																							
CLEAR																							
SILVER																							
TOTAL				90%											Tr.		Tr.				5%	5%	8 g ?

Tr. : Trace (<1%) g : grains

KIMBERLITE OR RELATED MINERALS: NO?

DISTANCE ESTIMATE: rusty black amphibole source in area.

TOTAL KIMBERLITE OR RELATED MINERALS:

OTHER MINERALS OF INTEREST:

COMMENTS: many black amphibole in composite with white feldspar, rusty. Trace dull orange silicate as seen in DDI-6-30.
Trace clear sillimanite. Some pink & orange almandine could be corundum. No mica.

SIGNED BY:

Robert J. Dillman May 15/02

ROBERT J. DILLMAN

ARJADEE PROSPECTING

SAMPLE NUMBER: DDI-6-40

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 80.5

SIZE FRACTION: <0.5 millimetres

MAGNETIC FRACTION: 0 grams
 NONMAGNETIC FRACTION: 80.5 grams
 TOTAL 80.5 grams

COARSE OR FINER FRACTION AVAILABLE?: YES

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 52.2 grams

DATE: MAY 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLIVINE	MICA		OPAQUES					OTHER					
	PYROPE	ECLOGITE	ANDRADITE	ALMO	Cr DiOP	Cr Cpx	ENSTATITE	AUGITE	OLIVINE	PHLOGO	BIOTITE	CHROMITE	Mg ILMENITE	PEROV	MAG	PYRITE	RUTILE	AMPHI.	SPHENE	ZIR	CORUN.	
PURPLE																						
LILAC																						
RED																					5%	
ORANGE				30%																		
PINK				30%																		
BROWN																			5%			
BLACK											1g				5%		1%	15%				
Br. GREEN																						
Dr. GREEN																			Tr.			
YELLOW																						
CLEAR																						
SILVER																						
TOTAL				60%							1g				5%		1%	20%			5%	

Tr. : Trace (<1%) g : grains

- KIMBERLITE OR RELATED MINERALS: NO?

DISTANCE ESTIMATE: 0 distance to black amphibole - red zircon source(s).

TOTAL KIMBERLITE OR RELATED MINERALS:

OTHER MINERALS OF INTEREST:

COMMENTS: 5% black amphibole - light brown feldspar - biotite rock fragments. Trace of red zircon - light brown amphibole composites. Fresh orange garnet, black and brown amphibole, red zircon rutile and magnetite.

SIGNED BY: *RJD* MAY 23/02

ROBERT J. DILLMAN

ARJADEE PROSPECTING

SAMPLE NUMBER: DDI-6-41

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 113.3

SIZE FRACTION: <0.5 millimetres

MAGNETIC FRACTION: 0 grams
NONMAGNETIC FRACTION: 113.3 grams
TOTAL 113.3 grams

COARSE OR FINER FRACTION AVAILABLE?: YES

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 67.8 grams

DATE: MAY 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLIVINE	MICA		OPAQUES						OTHER				
	PYROPE	ECLOGITE	ANDRADITE	ALMD	Cr DiOP	Cr CPX	ENSTATITE	AUGITE	OLIVINE	PHLOGO	BIOTITE	CHROMITE	Mg ILMENITE	PEROV	MAG	PYRITE	RUTILE	AMPHL	SPHENE	ZIR	COBALT	
PURPLE																					6 g	
LILAC																						
RED																					Tr.	
ORANGE				30%																1%		
PINK				60%																		
BROWN																						
BLACK															5%		2%	2%				
Br. GREEN																						
Dk. GREEN																						
YELLOW																						
CLEAR																						
SILVER																						
TOTAL				90%											5%		2%	2%	1%	Tr.		

Tr. : Trace (<1%) g : grains

KIMBERLITE OR RELATED MINERALS: NO

DISTANCE ESTIMATE:

TOTAL KIMBERLITE OR RELATED MINERALS:

OTHER MINERALS OF INTEREST:

COMMENTS: trace black metallic, nonmagnetitic with peacock tarnish (ilmenite?). Trace dull orange silicate: sphene?
Good number of large magnetite grains.

SIGNED BY:

RJD MAY 25/02

ROBERT J. DILLMAN

ARJADEE PROSPECTING

017407610 13:11 2002/26/05

SAMPLE NUMBER: DDI-6-42

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 41.5 SIZE FRACTION: <0.5 millimetres

MAGNETIC FRACTION: 0 grams
 NONMAGNETIC FRACTION: 41.5 grams
 TOTAL 41.5 grams

COARSE OR FINER FRACTION AVAILABLE?: YES

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 41.5 grams DATE: MAY 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL.BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLIVINE	MICA			OPAQUES					OTHER				
	PYROPE	ECLOGITE	ANDRADITE	ALMD	Cr DiOP	Cr CPX	ENSTATITE	AUGITE	OLIVINE	PHLOGO	BIOTITE	CHROMITE	Mg ILMENITE	PEROV	MAG	PYRITE	RUTILE	AMPHL	SPHENE	ZIR	CORUN.	
PURPLE																						
LILAC																						
RED																					Tr.	
ORANGE				45%															1%			
PINK				50%																		
BROWN																						
BLACK											6 g				3%		2%	1%				
Br. GREEN																						
Dr. GREEN																		1 g				
YELLOW																						
CLEAR																						
SILVER																						
TOTAL				85%							6 g				3%		2%	1%	1%	1%	Tr.	

Tr. : Trace (<1%) g : grains

KIMBERLITE OR RELATED MINERALS: NO?

DISTANCE ESTIMATE: graphite source in area.

TOTAL KIMBERLITE OR RELATED MINERALS:

OTHER MINERALS OF INTEREST: 90% of grains covered by thick clay coating.

COMMENTS: 1% unknown or silicate, could be sphene. Fresh pink almandine, several in composite with biotite.
 Several white feldspar with graphite inclusions.

SIGNED BY:

Robert J. Dillman MAY 23/02

ROBERT J. DILLMAN

ARJADEE PROSPECTING

SAMPLE NUMBER: DDI-6-43

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 47.2 SIZE FRACTION: <0.5 millimetres

MAGNETIC FRACTION: 0 grams

COARSE OR FINER FRACTION AVAILABLE?: YES

NONMAGNETIC FRACTION: 47.2 grams

TOTAL 47.2 grams

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 47.2 grams

DATE: MAY 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLIVINE	MICA		OPAQUES						OTHER				
	PYROPE	ECLOGITE	ANDRADITE	ALMD	Cr Diop	Cr CPX	ENSTATITE	AUGITE	OLIVINE	PHLOGO	BIOTITE	CHROMITE	Mg KRENITE	PEROV	MAG	PYRITE	RUTILE	AMPHL	SPHENE	ZIR	CORUN.	
PURPLE																						
LILAC																						
RED																					Tr.	
ORANGE				5%																Tr.		
PINK				10%																		
BROWN																						
BLACK											5%				Tr.		Tr.		40%			
Dr. GREEN																						
Dk. GREEN																						
YELLOW																						
CLEAR																						
SILVER																						
TOTAL				15%							5%				Tr.		Tr.		40%	Tr.	Tr.	

Tr. : Trace (<1%) g : grains

KIMBERLITE OR RELATED MINERALS: NO

DISTANCE ESTIMATE: 0 distance to graphite-biotite source(s).

TOTAL KIMBERLITE OR RELATED MINERALS:

OTHER MINERALS OF INTEREST:

COMMENTS: good number of biotite flakes and cluster grains. 40% white/light brown silicate, many rusty with inclusions of graphite and biotite. 2% graphite flakes some +0.5 mm.

SIGNED BY:

RJD MAY 23/02

ROBERT J. DILLMAN

ARJADEE PROSPECTING

IMMEDIATE GRAPHITE SOURCE.

SAMPLE NUMBER: DDI-6-44

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 59 SIZE FRACTION: <0.5 millimetres

MAGNETIC FRACTION: 0 grams
 NONMAGNETIC FRACTION: 59 grams
 TOTAL 59 grams

COARSE OR FINER FRACTION AVAILABLE?: YES

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 59 grams DATE: MAY 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLIVINE	MICA		OPAQUES					OTHER		ZIR	COIN.		
	PYROPE	ECLOGITE	ANDRADITE	ALMD	CR DIOF	CR CPX	ENSTATITE	AUGITE	OLIVINE	PHLOGG	BIOTITE	CHROMITE	Mq ILMENTI	PEROV	MAG	PYRITE	RUTILE	AMPHI.			SPHENE	
PURPLE																					Tr.	
LILAC																						
RED																						
ORANGE				45%																	Tr.	
PINK				50%																		
BROWN																						
BLACK																						
Br. GREEN																						
DK. GREEN																						
YELLOW																						
CLEAR																						
SILVER																						
TOTAL				95%																		

Tr. : Trace (<1%) g : grains

KIMBERLITE OR RELATED MINERALS: NO

DISTANCE ESTIMATE: 0 distance to zircon source.

TOTAL KIMBERLITE OR RELATED MINERALS:

OTHER MINERALS OF INTEREST: thin clay coating 80% of grains.

COMMENTS: trace black metallic, nonmagnetic with peacock tarnish (ilmenite?). Well-preserved purple-brown subhedral zircon. Trace dark orang-red almandine.

SIGNED BY:

Robert J. Dillman MAY 25/02

ROBERT J. DILLMAN

ARJADEE PROSPECTING

ZIRCON TARGET

SAMPLE NUMBER: DDI-6-45

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 122.5

SIZE FRACTION: <0.5 millimetres

MAGNETIC FRACTION: 0 grams
NONMAGNETIC FRACTION: 122.5 grams
TOTAL 122.5 grams

COARSE OR FINER FRACTION AVAILABLE?: YES

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 54 grams

DATE: MAY 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLVINE	MICA		OPAQUES						OTHER			
	PYROPE	ECLOGITE	ANDRADITE	ALMD	Cr DiOP	Cr CPX	ENSTATITE	AUGITE	OLVINE	PHLOGO	BROTE	CHROMITE	Mg ILMENTE	PEROV	MAG	PYRITE	RUTILE	AMPH.	SPHENE	ZIR	CORUN.
PURPLE																					8 g
LILAC																					
RED																					6 g
ORANGE				50%																	5%
PINK				40%																	
BROWN																					
BLACK															2%		1%	Tr.			
Br. GREEN																					
Dk. GREEN																					
YELLOW																					
CLEAR																					
SILVER																					
TOTAL				90%											2%		1%	Tr.	5%	12 g	

Tr. : Trace (<1%) g : grains

KIMBERLITE OR RELATED MINERALS: NO

DISTANCE ESTIMATE:

TOTAL KIMBERLITE OR RELATED MINERALS:

OTHER MINERALS OF INTEREST:

COMMENTS: 2% black metallic, nonmagnetic with peacock tarnish (ilmenite?). Fresh orange sphere
Trace unknown rusty grains.

SIGNED BY:

Robert J. Dillman May 25/02

ROBERT J. DILLMAN

ARJADEE PROSPECTING

SAMPLE NUMBER: DDI-6-46

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 88 SIZE FRACTION: <0.5 millimetres

MAGNETIC FRACTION: 0 grams
NONMAGNETIC FRACTION: 88 grams
TOTAL 88 grams

COARSE OR FINER FRACTION AVAILABLE?: YES

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 49 grams

DATE: MAY 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL.BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLIVINE	MICA		OPAQUES						OTHER		ZIR	CUMUL.	
	PYROPE	ECLOGITE	ANDRADITE	ALMND	Cr DiOP	Cr Cpx	ENSTATITE	AUGITE	OLIVINE	PHLOGO	BIOTITE	CHROMITE	Mg ILMENTI	PEROV	MAG	PYRITE	RUTILE	AMPHI	SPHENE			
PURPLE																					10 g	
LILAC																						
RED																						Tr.
ORANGE				25%																		Tr.
PINK				70%																		
BROWN											1%											
BLACK															1%	1%	Tr.					
Br. GREEN																						
DL. GREEN																						
YELLOW																						
CLEAR																						
SILVER																						
TOTAL				95%							1%					1%	1%	Tr.			1%	

Tr. : Trace (<1%) g : grains

KIMBERLITE OR RELATED MINERALS: NO?

DISTANCE ESTIMATE: orange zircon-biotite source(s) close to sample site.

TOTAL KIMBERLITE OR RELATED MINERALS:

OTHER MINERALS OF INTEREST:

COMMENTS: several large subhedral orange zircon crystals. Most biotite as small flakes, several cluster grains. Occasional rusty unidentifiable grain. Several rusty white feldspar with graphite inclusions.

SIGNED BY:

RJ Dillman MAY/25/02

ROBERT J. DILLMAN

ARJADEE PROSPECTING

SAMPLE NUMBER: DDI-6-47

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 110.7

SIZE FRACTION: <0.5 millimetres

MAGNETIC FRACTION: 0 grams
 NONMAGNETIC FRACTION: 110.7 grams
 TOTAL 110.7 grams

COARSE OR FINER FRACTION AVAILABLE?: YES

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 53.9 grams

DATE: MAY 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL.BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLIVINE		MICA		OPAQUES					OTHER				
	PYROPE	ECLOGITE	ANDRADITE	ALMD	Cr DIOP	Cr CPX	ENSTATITE	AUGITE	OLIVINE	PHLOGO	BIOTITE	CHROMITE	Mg ILMENITE	PEROV	MAG	PYRITE	RUTILE	AMPH.	SPHENE	ZIR	CORUN.	
PURPLE																						
LILAC																						
RED				?																	15%	
ORANGE				30%																	Tr.	
PINK				40%																		
BROWN																						
BLACK															5%		Tr.	10%				
Br. GREEN																						
Dk. GREEN							2 g															
YELLOW																						
CLEAR																						
SILVER																						
TOTAL				70%			2 g								5%		Tr.	11%			15%	

Tr. : Trace (<1%)

g : grains

KIMBERLITE OR RELATED MINERALS: NO?

TOTAL KIMBERLITE OR RELATED MINERALS:

DISTANCE ESTIMATE: 0 distance to black amphibole-red and orange zircon-magnetite source.

OTHER MINERALS OF INTEREST:

COMMENTS: abundant fresh red zircon and black amphibole, some in composite. Good number of large magnetite grains. some red zircon could be orange-red almandine. Some black amphibole in composite with feldspar and orange garnet or brown amphibole.

SIGNED BY:

RJD Dillman MAY 25/02

ROBERT J. DILLMAN

ARJADEE PROSPECTING

SAMPLE NUMBER: DDI-6-48

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 49.6 SIZE FRACTION: <0.5 millimetres

MAGNETIC FRACTION: 0 grams
NONMAGNETIC FRACTION: 49.6 grams
TOTAL 49.6 grams

COARSE OR FINER FRACTION AVAILABLE?: YES

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 49.6 grams

DATE: MAY 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLIVINE	MICA			OPAQUES					OTHER		ZIR	CORUN.	
	PYROPE	ECLOGITE	ANDRADITE	ALMD	Cr DIOP	Cr CPX	ENSTATITE	AUGITE	OLIVINE	PHILOGO	BIOTITE	CHROMITE	Mg ILMENITE	PEROV	MAG	PYRITE	RUTILE	AMPH.	SPHENE			
PURPLE																					12 g	
LILAC																						
RED																						Tr.
ORANGE				45%																		
PINK				50%																		
BROWN																						Tr.
BLACK															Tr.		Tr.					Tr.
Br. GREEN																						
Dk. GREEN							1 g	2 g														
YELLOW																						
CLEAR																						
SILVER																						
TOTAL				95%		1 g	2 g								Tr.		Tr.		1%			Tr.

Tr. : Trace (<1%) g : grains

KIMBERLITE OR RELATED MINERALS: NO

DISTANCE ESTIMATE: rutile-zircon source in area.

TOTAL KIMBERLITE OR RELATED MINERALS:

OTHER MINERALS OF INTEREST:

COMMENTS: small subhedral purple-brown zircon and rutile crystals. Occasional rusty unidentifiable grains.
Several rusty whitish-brown feldspar with graphite.

SIGNED BY:

RJD MAY 25/02

ROBERT J. DILLMAN

ARJADEE PROSPECTING

ARJADEE PROSPECTING

SAMPLE NUMBER: DDI-6-49

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 81.5 SIZE FRACTION: <0.5 millimetres

MAGNETIC FRACTION: 0 grams
 NONMAGNETIC FRACTION: 81.5 grams
 TOTAL 81.5 grams

COARSE OR FINER FRACTION AVAILABLE?: YES

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 60 grams

DATE: MAY 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLIVINE	MICA		OPAQUES						OTHER				
	PYROPE	ECLOGITE	ANDRADITE	ALMD	Cr DiOP	Cr Cpx	ENSTATITE	AUGITE	OLIVINE	PHLOGO	BOTITE	CHROMITE	Mg ELEMENT	PEROV	MAG	PYRITE	RUTILE	AMPHI	SPHENE	ZIR	CORUN.	
PURPLE																						
LILAC																						
RED				?																	1%	
ORANGE				25%																Tr.		
PINK				70%																		
BROWN																						
BLACK															1%		1%	Tr.				
Br. GREEN																						
DK. GREEN																						
YELLOW																						
CLEAR																						
SILVER																						
TOTAL				95%											1%		1%	Tr.	Tr.	1%		

Tr. : Trace (<1%) g : grains

KIMBERLITE OR RELATED MINERALS: NO

DISTANCE ESTIMATE:

TOTAL KIMBERLITE OR RELATED MINERALS:

OTHER MINERALS OF INTEREST:

COMMENTS: some red zircon could be or-red almandine. Occasional rusty unidentifiable grain.

SIGNED BY:

RJ Dillman MAY 25/02

ROBERT J. DILLMAN

ARJADEE PROSPECTING

SAMPLE NUMBER: DDI-6-50

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 68 SIZE FRACTION: <0.5 millimetres

MAGNETIC FRACTION: 0 grams
 NONMAGNETIC FRACTION: 68 grams
 TOTAL 68 grams

COARSE OR FINER FRACTION AVAILABLE?: YES

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 68 grams

DATE: MAY 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL.BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLIVINE	MICA			OPAQUES					OTHER		ZIR	CORUM.	
	PYROPE	ECLOGITE	ANDRADITE	ALMND	Cr DiOP	Cr CPX	ENSTATITE	AUGITE	OLIVINE	PHLOGO	BIOTITE	CHROMITE	Mg ILMENITE	PEROV	MAG	PYRITE	RUTILE	AMPH.	SPHENE			
PURPLE																					1 g	
LILAC																						
RED				?																		10 g
ORANGE				5%																		40%
PINK				50%																		
BROWN																						
BLACK															1%		2%	Tr.				
Br. GREEN																						
Dr. GREEN																						
YELLOW																						
CLEAR																						
SILVER																						
TOTAL				55%											1%		2%	Tr.	40%		11 g	

Tr. : Trace (<1%) g : grains

KIMBERLITE OR RELATED MINERALS: NO

DISTANCE ESTIMATE: 0 distance to orange sphene-rutile source(s).

TOTAL KIMBERLITE OR RELATED MINERALS:

OTHER MINERALS OF INTEREST:

COMMENTS: trace sillimanite?. Abundant orange sphene, some could be orange almandine.
 Most rutile as subhedral crystals or fragments of crystals. Some red zircon could be dark orange-red almandine.

SIGNED BY: *RJD* MAY 31/02

ROBERT J. DILLMAN

ARJADEE PROSPECTING

SAMPLE NUMBER: DDI-6-53

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 107.4

SIZE FRACTION: <0.5 millimetres

MAGNETIC FRACTION: 0 grams
NONMAGNETIC FRACTION: 107.4 grams
TOTAL 107.4 grams

COARSE OR FINER FRACTION AVAILABLE?: YES

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 59.5 grams

DATE: MAY 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLIVINE		MICA		OPAQUES				OTHER				
	PYROPE	ECLOGITE	ANDRADITE	ALMD	Cr DiOP	Cr CPX	ENSTATITE	AUGITE	OLIVINE	PHLOGO	BIOTITE	CHROMITE	Mg ILMENITE	PEROV	MAG	PYRITE	RUTILE	AMPHI	SPHENE	ZIR	CORUN.
PURPLE																					
LILAC																					
RED																					Tr.
ORANGE				50%																	
PINK				45%																	
BROWN																					
BLACK															Tr.		1%	Tr.			
Br. GREEN																					
Dr. GREEN																					
YELLOW																					
CLEAR																					
SILVER																					
TOTAL				95%											Tr.		1%	Tr.			Tr.

Tr. : Trace (<1%) g : grains

KIMBERLITE OR RELATED MINERALS: NO

DISTANCE ESTIMATE:

TOTAL KIMBERLITE OR RELATED MINERALS:

OTHER MINERALS OF INTEREST:

COMMENTS: 1% nonmagnetic black metallic with peacock tarnish. Several rusty unidentifiable grains.

SIGNED BY:

Robert J. Dillman MAY 25/02

ROBERT J. DILLMAN

ARJADEE PROSPECTING

ARJADEE PROSPECTING

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05/26/2002 13:19

SAMPLE NUMBER: DDI-6-54

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 123

SIZE FRACTION: <0.5 millimetres

MAGNETIC FRACTION: 0 grams
 NONMAGNETIC FRACTION: 123 grams
 TOTAL 123 grams

COARSE OR FINER FRACTION AVAILABLE?: YES

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 65.1 grams

DATE: MAY 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL.BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLIVINE	MICA		OPAQUES						OTHER			
	PYROPE	ECLOGITE	ANDRADITE	ALMD	Cr DiOP	Cr CPX	ENSTATITE	AUGITE	OLIVINE	PHLOGO	BIOTITE	CHROMITE	Mg ILMENITE	PEROV	MAG	PYRITE	RUTILE	AMPHI	SPHENE	ZR	CORUN.
PURPLE																					
LILAC																					
RED																					
ORANGE				20%																Tr.	
PINK				65%																	
BROWN			3 g																		
BLACK												2 g	?		Tr.		1%	Tr.			
Br. GREEN																					
DL. GREEN																					
YELLOW																3%					
CLEAR																					
SILVER																2%					
TOTAL			3 g	95%								2 g	?		Tr.	5%	1%	Tr.	Tr.		

Tr. : Trace (<1%) g : grains

KIMBERLITE OR RELATED MINERALS: NO

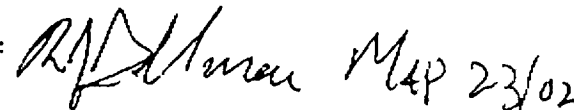
DISTANCE ESTIMATE: 0 distance to polymetallic sulphide source.

TOTAL KIMBERLITE OR RELATED MINERALS:

OTHER MINERALS OF INTEREST:

COMMENTS: trace epidote. 2% black nonmagnetic metallic with peacock tarnish, 3% hematite, 5% fresh dark pinkish-purple inclusion-filled almandine. Several euhedral brown garnets could be andradite.

SIGNED BY:



ROBERT J. DILLMAN

ARJADEE PROSPECTING

POLYMETALLIC SULPHIDE TARGET

SAMPLE NUMBER: DDI-6-54

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 42.8 SIZE FRACTION: <0.5 millimetres

MAGNETIC FRACTION: 0 grams COARSE OR FINER FRACTION AVAILABLE?: YES
NONMAGNETIC FRACTION: 42.8 grams
TOTAL 42.8 grams PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 42.8 grams DATE: MAY 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL.BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLIVINE	MICA		OPAQUES					OTHER				
	PYROPE	ECLOGITE	ANDRADITE	ALMD	Cr DiOP	Cr CPX	ENSTATITE	AUGITE	OLIVINE	PHLOGO	BIOTITE	CHROMITE	Mg ILMENTI	PEROV	MAG	PYRITE	RUTILE	AMPHI.	SPHENE	ZIR	CORUN.
PURPLE																					
LILAC																					
RED																					
ORANGE				10%															2%		
PINK				80%																	
BROWN																					
BLACK												1g			1%			Tr.			
Br. GREEN																					
DK. GREEN						Tr.												Tr.			
YELLOW																1%					
CLEAR																					
SILVER																					
TOTAL				90%		Tr.						1g			1%	1%		1%	2%		

Tr. : Trace (<1%) g : grains

KIMBERLITE OR RELATED MINERALS: NO

DISTANCE ESTIMATE: sulphide zones proximal to sample site.

TOTAL KIMBERLITE OR RELATED MINERALS:

OTHER MINERALS OF INTEREST:

COMMENTS: trace of unidentifiable rusty oxides. Most dark green clinopyroxene <0.2 mm, some could be amphibole.
1% light green enstatite. Trace hematite. 2% orange-red almandine.

SIGNED BY:

Robert J. Dillman MAY 24/02

ROBERT J. DILLMAN

ARJADEE PROSPECTING

POTENTIAL SULPHIDE TARGET.

SAMPLE NUMBER: DDI-6-55

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 104.5

SIZE FRACTION: <0.5 millimetres

MAGNETIC FRACTION: 0 grams
NONMAGNETIC FRACTION: 104.5 grams
TOTAL 104.5 grams

COARSE OR FINER FRACTION AVAILABLE?: YES

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 40 grams

DATE: MAY 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLIVINE	MICA		OPAQUES					OTHER				
	PYROPE	ECLOGITE	ANDRADITE	ALMD	Cr DIOP	Cr CPX	ENSTATITE	AUGITE	OLIVINE	PHLOGO	BIOTITE	CHROMITE	Mg ILMENT	PEROV	MAG	PYRITE	RUTILE	AMPHI	SPHENE	ZIR	CORUND
PURPLE																					
LILAC																					
RED				1 g																	3 g
ORANGE				30%															Tr.		
PINK				60%																	
BROWN										1 g									Tr.		
BLACK												3 g	?		1%	2 g	Tr.	Tr.			
Br. GREEN																					
DK. GREEN																			Tr.		
YELLOW																					
CLEAR																					
SILVER																					
TOTAL				90%						1 g	3 g		?		1%	2 g	Tr.	1%	Tr.	3 g	

Tr. : Trace (<1%)

g : grains

KIMBERLITE OR RELATED MINERALS: NO

DISTANCE ESTIMATE: hematite-magnetite source close to sample site.

TOTAL KIMBERLITE OR RELATED MINERALS:

OTHER MINERALS OF INTEREST:

COMMENTS: 5% hematite grains, many large grains and pellet-shaped grains. 1% rusty oxide grains.
Trace epidotite. Trace dark orange-red almandine. Various coloured amphiboles.

SIGNED BY:

Robert J. Dillman MAY 22/02

ROBERT J. DILLMAN

ARJADEE PROSPECTING

HEMATITE-MAGNETITE TARGET

SAMPLE NUMBER: DDI-6-56

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 54 SIZE FRACTION: <0.5 millimetres

MAGNETIC FRACTION: 0 grams COARSE OR FINER FRACTION AVAILABLE?: YES
NONMAGNETIC FRACTION: 54 grams
TOTAL 54 grams PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 54 grams DATE: MAY 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLVINE		MICA		OPAQUES					OTHER				
	PYROPE	ECLOGITE	ANDRADITE	ALMD	Cr DiOP	Cr CPX	ENSTATITE	AUGITE	OLVINE	PHLOGO	BIOTITE	CHROMITE	Mg ILMENITE	PEROV	MAG	PYRITE	RUTILE	AMPHI	SPHENE	ZIR	CORUND	
PURPLE																						
LILAC																						
RED																						
ORANGE				90%																1%		
PINK				5%																		?
BROWN																						
BLACK															1%		1%	Tr.				
Br. GREEN																						
DL GREEN																						
YELLOW																						
CLEAR																						
SILVER																						
TOTAL				95%											1%		1%	Tr.	1%			?

Tr.: Trace (<1%) g : grains

KIMBERLITE OR RELATED MINERALS: NO

DISTANCE ESTIMATE:

TOTAL KIMBERLITE OR RELATED MINERALS:

OTHER MINERALS OF INTEREST:

COMMENTS: significant increase in orange almandine, trace orange-red almandine. Some pink garnet could be corundum.

SIGNED BY:

RJD MAY 24/02

ROBERT J. DILLMAN

ARJADEE PROSPECTING

SAMPLE NUMBER: DDI-6-57

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 65.6 SIZE FRACTION: <0.5 millimetres

MAGNETIC FRACTION: 0 grams COARSE OR FINER FRACTION AVAILABLE?: YES
NONMAGNETIC FRACTION: 65.6 grams
TOTAL 65.6 grams

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 44 grams DATE: MAY 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL.BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLIVINE		MICA		OPAQUES					OTHER			
	PYROPE	ECLOGITE	ANDRADITE	ALMD	Cr DiOP	Cr CPX	ENSTATITE	AUGITE	OLIVINE	PHLOGO	BIOTITE	CHROMITE	Mg ILMENITE	PEROV	MAG	PYRITE	RUTILE	AMPHI	SPHENE	ZIR	CORUN
PURPLE																					3 g
LILAC																					
RED																			2%	3 g	
ORANGE				20%																	
PINK				75%																	
BROWN																					
BLACK															Tr.		3%				
Br. GREEN																					
Ok. GREEN																					
YELLOW																					
CLEAR																					
SILVER																					
TOTAL				95%											Tr.		3%		2%	6 g	

Tr. : Trace (<1%) g : grains

KIMBERLITE OR RELATED MINERALS: NO

DISTANCE ESTIMATE:

TOTAL KIMBERLITE OR RELATED MINERALS:

OTHER MINERALS OF INTEREST:

COMMENTS: 5% dark orange-red almandine, some could be zircon.

SIGNED BY:

RJD May 23/02

ROBERT J. DILLMAN

ARJADEE PROSPECTING

SAMPLE NUMBER: DDI-6-58

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 94.6

SIZE FRACTION: <0.5 millimetres

MAGNETIC FRACTION: 0 grams
NONMAGNETIC FRACTION: 94.6 grams
TOTAL 94.6 grams

COARSE OR FINER FRACTION AVAILABLE?: YES

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 59.1 grams

DATE: MAY 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL.BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLIVINE	MICA		OPAQUES						OTHER				
	PYROPE	ECLOGITE	ANDRADITE	ALMD	Cr DiOP	Cr Cpx	ENSTATITE	AUGITE	OLIVINE	PHLOGO	BIOTITE	CHROMITE	Mg ILMENITE	PEROV	MAG	PYRITE	RUTILE	AMPHI.	SPHENE	ZIR	CORUN.	
PURPLE																						
LILAC																						
RED																						
ORANGE				25%																1%		
PINK				70%																		
BROWN																						
BLACK															Tr.		5%					
Br. GREEN																						
DK. GREEN																						
YELLOW																						
CLEAR																						
SILVER																						
TOTAL				95%											Tr.		5%		1%			

Tr. : Trace (<1%)

g : grains

KIMBERLITE OR RELATED MINERALS: NO

DISTANCE ESTIMATE: rutile source close to sample site.

TOTAL KIMBERLITE OR RELATED MINERALS:

OTHER MINERALS OF INTEREST:

COMMENTS: many subhedral to anhedral shaped crystals of rutile. Several light brown amphibole with inclusions of rutile and orange sphene?

SIGNED BY:

RJD MAY 23/02

ROBERT J. DILLMAN

ARJADEE PROSPECTING

SAMPLE NUMBER: DDI-6-59

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 101.2

SIZE FRACTION: <0.5 millimetres

MAGNETIC FRACTION: 0 grams
 NONMAGNETIC FRACTION: 101.2 grams
 TOTAL 101.2 grams

COARSE OR FINER FRACTION AVAILABLE?: YES

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 49 grams

DATE: MAY 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLIVINE	MICA		OPAQUES						OTHER				
	PYROPE	ECLOGITE	ANDRADITE	ALMO	Cr DiOP	Cr CPX	ENSTATITE	AUGITE	OLIVINE	PHLOGO	BIOTITE	CHROMITE	Mg ILMENITE	PEROV	MAG	PYRITE	RUTILE	AMPH.	SPHENE	ZIR	CORUN.	
PURPLE																						
LILAC																						
RED																						
ORANGE				30%																3%		
PINK				60%																		
BROWN																						
BLACK															5%		1%	1%				
Dr. GREEN																						
Dk. GREEN																						
YELLOW																						
CLEAR																						
SILVER																						
TOTAL				90%											5%		1%	1%	3%			

Tr. : Trace (<1%) g : grains

KIMBERLITE OR RELATED MINERALS: NO

DISTANCE ESTIMATE:

TOTAL KIMBERLITE OR RELATED MINERALS:

OTHER MINERALS OF INTEREST:

COMMENTS: rust coating on 10% of the grains. Potential sulphides in area.

SIGNED BY: *RJD* MAY 21/02

ROBERT J. DILLMAN

ARJADEE PROSPECTING

ARJADEE PROSPECTING
01326452/B
11:27
06/05/2002

SAMPLE NUMBER: DDI-6-60

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 65.7

SIZE FRACTION: <0.5 millimetres

MAGNETIC FRACTION: 0 grams
NONMAGNETIC FRACTION: 65.7 grams
TOTAL 65.7 grams

COARSE OR FINER FRACTION AVAILABLE?: YES

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 65.7 grams

DATE: MAY 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLIVINE	MICA		OPAQUES						OTHER			
	PYROPE	ECLOGITE	ANDRADITE	ALMD	Cr DiOP	Cr CPX	ENSTATITE	AUGITE	OLIVINE	PHLOGO	BIOTTE	CHROMITE	Mg ILMENITE	PEROV	MAG	PYRITE	RUTILE	AMPHI	SPHENE	ZIR	CORUN.
PURPLE																					3 g
LILAC																					
RED																					Tr.
ORANGE				5%																	40%
PINK				50%																	
BROWN																1%					
BLACK												?	?		Tr.		1%	Tr.			
Br. GREEN																					
Dk. GREEN																2%					
YELLOW																					
CLEAR																2%					
SILVER																					
TOTAL				55%											Tr.	5%	1%	Tr.	40%	Tr.	

Tr. : Trace (<1%) g : grains

KIMBERLITE OR RELATED MINERALS: NO

DISTANCE ESTIMATE: 0 distance to sulphide zone.

TOTAL KIMBERLITE OR RELATED MINERALS:

OTHER MINERALS OF INTEREST:

COMMENTS: some pyrite with inclusions of quartz, calcite, graphite, 1 grain with pink garnet.

SIGNED BY:

Robert J. Dillman MAY 31/02

ROBERT J. DILLMAN

ARJADEE PROSPECTING

SULPHIDE TARGET

**OVERVIEW OF
DIAMOND DISCOVERIES INTERNATIONAL'S
DIAMOND PROJECT
IN THE TORNGAT REGION OF QUEBEC, CANADA**

Prepared By: Robert Dillman
Arjadee Prospecting
(519) 264-9278

May 1, 2002

Prepared For: Peter Ferderber
Diamond Discoveries International

OVERVIEW OF DIAMOND DISCOVERIES INTERNATIONAL'S DIAMOND PROJECT IN THE TORNGAT REGION OF QUEBEC, CANADA

Diamond Discoveries International's diamond exploration program in the Torngat region of Quebec, Canada is emerging as a new kimberlite field with enormous diamond potential. In a very short time, Diamond Discoveries International has established two new diamond sources and has made many significant discoveries of potential diamond bearing rock with essentially kimberlite or closely related compositions and characteristics. Adding momentum to success, Diamond Discoveries International has made the first discovery of kimberlite "pipes" in the region. Throughout the world, kimberlite pipes and blowouts are the dominant structures hosting economic diamond deposits. The discovery of such structures so early in an exploration program signifies the unlimited kimberlite potential of the area. The announcement of such discoveries will fortify investor confidence and probably cause a staking rush in the area equivalent to the current activity in the Otish Mountains region in northwestern Quebec.

Isolated, rugged and limited by a short field season, Diamond Discoveries International's exploration program in the harsh Torngat terrain is simple; incorporating ground investigation by skilled geologists and prospectors with extensive heavy mineral sampling. In a very short time, this approach has identified 16 dykes and 3 pipes of kimberlite or material closely related to kimberlite.

Kimberlitic magma tends to pick up unrelated crystals (xenocrysts) and rocks (xenoliths) from points all along its path of ascent and mix with crustal units during emplacement. Typical kimberlitic xenocrysts include: Cr-pyrope, eclogite garnet, chrome diopside, Cr-spinel (magnetite and chromite), Mg-ilmenite, olivine and diamond. These minerals are believed to be derived from the earth's mantle region and are sometimes referred to as 'mantle nodules'. Heavy mineral concentrates made from samples of sediments accumulated over kimberlite bodies or from gravels collected in streams crossing kimberlite can contain xenocrysts derived from the eroding kimberlite. In exploration terms, these xenocrysts are referred to as 'kimberlite indicator minerals'. Extensive heavy mineral sampling by Diamond Discoveries International has established the presence of kimberlite indicator minerals associated with the dykes and pipes in the project area. The minerals are equivalent to kimberlite minerals found in the Otish Mountain region of Quebec, the Lac de Gras region of the Northwest Territories and most kimberlite occurrences found worldwide.

Electron microprobe analyses performed on minerals contained in the kimberlite dykes and pipes found on the property indicate two (or more) kimberlite events have occurred. One suite of mantle nodules found in the kimberlite dikes and pipes include: Cr-pyrope and eclogite garnet, chrome diopside, Cr-spinel, ilmenite and olivine. A second suite of mantle nodules found in dikes include: chrome diopside, eclogite garnet, andradite garnet, perovskite and Cr-spinel. Diamonds were detected by Lakefield Research after caustic digestions were performed on separate samples of kimberlite of each mineral suite thus indicating each kimberlite event is diamondiferous. Additional xenocrysts associated with kimberlite on the property include: phlogopite, enstatite, corundum and sphene.

Certain chemical trends and textural characteristics found in minerals from kimberlite on the property are similar to those of worldwide diamond bearing kimberlite. Olivine nodules analyzed from both suites are rich in Mg (MgO 93% wt.). Mg-rich olivine called 'fosterite' occurs in all worldwide diamond bearing kimberlite. Fosteritic olivine signifies conditions in the earth's mantle suitable for 'diamond stability'. Olivine nodules (and Cr-pyrope) from kimberlite on the property also contain intergrowths or 'micro-nodules' of other kimberlite minerals (most notably, chrome diopside). Characteristic of diamond bearing kimberlite, micro-nodules signify multiple sampling of mantle regions suitable for diamond growth. This is not usually displayed in non-diamond bearing kimberlite.

The diamond potential of kimberlite on the property is also enhanced by the significant eclogite component present in the dykes and pipes. Eclogite terrains in kimberlite are fragments of the earth's crust which have been subducted into the earth's mantle and returned to the earth's surface via transport by the kimberlite. Under certain pressure and temperatures in the earth's mantle, eclogite provides an excellent site for diamond growth at the expense of carbon components contained in the eclogite. Many of the best diamonds occurring in kimberlite of the Lac de Gras region are associated with eclogite. Eclogite in kimberlite on the property is evident by abundant quantities of Ca-Mg almandine garnets and Na-rich clinopyroxene. Large volumes of corundum and sphene found in some of the pipes and dykes may also be directly associated with eclogite.

There is immense value to be gained from the discovery of gem quality diamonds. Due to the complex processes involved during kimberlite emplacement any accurate economic evaluation of kimberlite requires systematic bulk sampling. Kimberlite minerals and kimberlite rock fragments found in the vicinity to the pipes indicate the pipes are composed of complex kimberlite terrains containing mantle nodules and

eclogite mixed with upper crustal xenoliths. The diamond potential of these pipes is considered exceptionally good and supported by the fact that diamonds have been detected in dykes associated with the pipes. Chrome diopside grains and kimberlite rock fragments containing large mantle nodules (2 x 1 cm in size) of fosteritic olivine with chrome diopside inclusions were found directly on the pipes and provide additional evidence of the exceptional diamond potential of the pipes.

In addition to diamonds, the kimberlite pipes and dykes found by Diamond Discoveries International are potential sources for gem quality pyrope garnet, pink and ruby red corundum, chrome diopside and yellow sphene. Worldwide gem quality sources of these minerals are limited and a Canadian source could draw value simply on its uniqueness. Ruby corundum was identified by Lakefield Research and verified by the Gemological Institute of America and occurs with abundant pink corundum in several kimberlite dikes on the property. Gem quality pyrope garnet has been identified by an independent gemologist (Creative Gems Inc.). Both corundum and pyrope occur with diamond in one of the dykes digested by Lakefield Research.

Sincerely,

A handwritten signature in black ink, appearing to read 'R. Dillman', with a long horizontal flourish extending to the right.

Robert Dillman Geologist
Arjadee Prospecting

May 1, 2002

D. D. I. # 3
CHAMPAGNE DYKE

SAMPLE NUMBER: 5291

DATE OF SUBMISSION: SEPTEMBER 2001

: 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 14.8 SIZE FRACTION: <1.0 millimetres

MAGNETIC FRACTION: 0 grams
NONMAGNETIC FRACTION: 14.8 grams
TOTAL 14.8 grams

COARSE OR FINER FRACTION AVAILABLE?: ?

R FRACTION

PETROLOGY BY: RJD

HOGY BY: I

TOTAL CONCENTRATE EXAMINED: 14.8 grams

DATE: MARCH 2002

DATE:

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL.BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLIVINE	MICA		OPAQUES				AMPH.	SPHENE	OTHER	
	PYROPE	ECLOGITE	ANDRADITE	OTHER %	CYCLOPSIDE	CX CFS	ENSTATTITE	AUGITE	OLIVINE	PHLOGOPITE	BIOTITE	CHROMITE	Wg ILMENITE	PEROVSKITE	PYRITE	RUTILE	AMPH.	SPHENE	CORUND
PURPLE																			
LIAC																			
RED																			
ORANGE																			tr.
PINK																			tr.
BROWN												60%							
BLACK														5% ?					
Dk. GREEN																			
DL GREEN																			
YELLOW																			
CLEAR									1%										
SILVER																			
TOTAL									1%			60%		5% ?					

tr. : Trace g : grains

ES	g ILMENITE

KIMBERLITE OR RELATED MINERALS: yes


DISTANCE ESTIMATE: 0 distance, sample on source

: 0 metres

TOTAL KIMBERLITE OR RELATED MINERALS: >90%

OTHER MINERALS OF INTEREST:

COMMENTS: 5% clear apatite, 5% fine octahedrons of magnetite some could be perovskite.
5% interstitial calcite, 10% dull green cpx coarse mica in fine matrix of calcite-olivine-apatite-magnetite.

SIGNED BY: 

ROBERT J. DILLMAN

ARJADEE PROSPECTING



DILLMAN

MEDIUM GRAINED MICA-APATITE-CALCITE-MAGNETITE-PEROVSKITE LAMPROPHYRE DYKE

D.P.T. 113
TRIANGLE PIPE

SAMPLE NUMBER: TRI

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 28.9 SIZE FRACTION: <5.0 millimetres

MAGNETIC FRACTION: 0 grams
NONMAGNETIC FRACTION: 28.9 grams
TOTAL 28.9 grams

COARSE OR FINER FRACTION AVAILABLE?: NO

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 28.9 grams

DATE: MARCH 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLIVINE	MICA			OPAQUES				AMPH.	SPHENE	OTHER		
	PYROPE	ECLOGITE	ANDRADITE	OTHER %	Cr DIOPSIDE	Cr CPX	ENSTATITE	AUGITE	OLIVINE	PHLOGOPITE	BIOTITE	CHROMITE	Siq ILMENITE	PEROV	MAG	PYRITS	RUTILE	AMPH.	SPHENE	CONUM.	
PURPLE																					
LILAC																					
RED		0.75%																			
ORANGE		0.25%																			
PINK																					
BROWN																					
BLACK																					
Br. GREEN						1g															
DL. GREEN									89%												
YELLOW									1%												<1%
CLEAR																					
SILVER										5%											
TOTAL		1%				1g			90%	5%											<1%

Tr.: Trace

g: grains

KIMBERLITE OR RELATED MINERALS: Yes

DISTANCE ESTIMATE: 0 distance, sample on source

TOTAL KIMBERLITE OR RELATED MINERALS: >90%

OTHER MINERALS OF INTEREST:

COMMENTS: coarse broken grains of red eclogite garnet with black inclusions, some in composite with black metallic mineral rutile? 1 very small chrome cox or enstatite fragment, very fine opaques most magnetite, dirty green olivine matrix, rare yellow olivine fragments.
FINE GRAINED OLIVINE-PHLOGOPITE DIKE WITH ECLOGITE GARNET

SIGNED BY:

RJD MARCH 14/02

ROBERT J. DILLMAN

ARJADEE PROSPECTING

D.V.I. 153
CHAMPAGNE PIPs

SAMPLE NUMBER: YC-1

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 47.1 SIZE FRACTION: <5.0 millimetres

MAGNETIC FRACTION: 0 grams COARSE OR FINER FRACTION AVAILABLE?: NO
NONMAGNETIC FRACTION: 47.1 grams
TOTAL 47.1 grams PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 47.1 grams DATE: MARCH 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLIVINE		MICA		OPAQUES				AMPH	SPHENE	OTHER
	PYROPE	ECLOGITE	ANDRADITE	OTHER %	Cr DIOPHIDE	Cr CFX	ENSTATITE	AUGITE	OLIVINE	PHLOGOPITE	BIOTITE	CHROMITE	Mg SILMENTE	PEROVSKITE	PYRITE	RUTILE	AMPH	SPHENE	CORUN
PURPLE																			
LILAC																			
RED																			
ORANGE																			
PINK																			2 g
BROWN													90%						
BLACK														1%					
BR. GREEN																			
DL. GREEN							3 g												
YELLOW																			tr.
CLEAR									tr										
SILVER									5%										
TOTAL							3 g		5%			90%		1%				tr	2 g

Tr. : Trace g : grains

KIMBERLITE OR RELATED MINERALS: yes

DISTANCE ESTIMATE: 0 distance, sample on source

TOTAL KIMBERLITE OR RELATED MINERALS: >90%

OTHER MINERALS OF INTEREST:

SIGNED BY:

COMMENTS: 5% apatite, clear euhedral to subhedral crystals, coarse biotite in fine olivine-apatite-magnetite-perovskite matrix, abundant very fine grains of perovskite & magnetite, +1.0 mm enstatite megacrysts, olivine fine no megacrysts.
MICA-OLIVINE-APATITE-ENSTATITE-MAGNETITE LAMPROPHYRE DIKE.

ROBERT J. DILLMAN

ARJADEE PROSPECTING

D.D.P. # 3
CLOSE TO CHAMPAGNE DYKE

SAMPLE NUMBER: DDI - 3 - 16

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 8.2 SIZE FRACTION: <0.5 millimetres

MAGNETIC FRACTION: 0 grams

COARSE OR FINER FRACTION AVAILABLE?:

NONMAGNETIC FRACTION: 8.2 grams

TOTAL 8.2 grams

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 8.2 grams

DATE: MARCH 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLIVINE		MICA		OPAQUES					OTHER				
	PHYRIPS	ECLOGITE	ANDRADITE	ALMD	Cr DIOP	Cr Cpx	ENSTATITE	AUGITE	OLIVINE	PHLOGO	BIOTITE	CHROMITE	Mg ILMENITE	PEROV	MAG	PYRITE	RUTILE	AMPH	SPHENE	ZIR	CORUN	
PURPLE																						
LILAC																						
RED																1%						
ORANGE				30%																		5%?
PINK				35%																		5%?
BROWN														1%	5%							
BLACK								Tr.		Tr.	Tr.						Tr.	Tr.				
Br. GREEN					4g	1g																
DK. GREEN							3g															
YELLOW									Tr.												1%	
CLEAR																						
SILVER																						
TOTAL				85%	4g	1g	3g	Tr.	Tr.	Tr.	Tr.			1%	5%	1%	Tr.	Tr.	1%			10%?

Tr. : Trace (<1%) g : grains

KIMBERLITE OR RELATED MINERALS: YES

DISTANCE ESTIMATE: source of chrome diopside close to sample site.

TOTAL KIMBERLITE OR RELATED MINERALS: 40%

OTHER MINERALS OF INTEREST: abundant minerals in good euhedral crystal form: pyrite, sphene, apatite, quartz? enstatite, augite.

COMMENTS: 4 pellet-shaped chrome diopside have partially preserved calcite rims on grain surfaces suggesting source is close to sample site. Source close for all euhedral crystals.

SIGNED BY:

Robert J. Dillman March 20/02

ROBERT J. DILLMAN

ARJADEE PROSPECTING

KIMBERLITE CLOSE TO SAMPLE SITE

PAGE 03

ARJADEE PROSPECTING LTD

0132649376

01:18

2002/22/22

D.D.I. # 3
CHAMPAGNE DYKE

SAMPLE NUMBER: DDI-3-30

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 79.2 SIZE FRACTION: <5.0 - >1.0 millimetres

MAGNETIC FRACTION: 44.4 grams
NONMAGNETIC FRACTION: 34.8 grams
TOTAL 79.2 grams

COARSE OR FINER FRACTION AVAILABLE?: YES

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 34.8 grams

DATE: MARCH 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLIVINE		MICA		OPAQUES					AMPHL	SPHENE	OTHER
	PYROPE	ESGOLYTE	ANDRADITE	OTHER %	Cr DIOPSIDE	Cr OPX	ENSTATITE	AUGITE	OLIVINE	PHLOGOPITE	BIOTITE	CHROMITE	Ilm ILMENITE	PEROVSKITE	PYRITE	RUTILE	AMPHL	SPHENE	CORUN.	
PURPLE																				
LILAC																				
RED		1 g																	1 g	
ORANGE				0.50%															0.50%	
PINK				0.50%															0.50%	
BROWN															7 g					
BLACK																10%				
Dr. GREEN					1 g															
Dk. GREEN							25 g													
YELLOW																			2%	
CLEAR																				
SILVER																				
TOTAL		1 g		1%			25 g						7 g		10%				2%	1%

Tr. : Trace

g : grains

KIMBERLITE OR RELATED MINERALS: yes

DISTANCE ESTIMATE: source proximal

TOTAL KIMBERLITE OR RELATED MINERALS: 10%

OTHER MINERALS OF INTEREST: abundant minerals in good crystal form.
magnetite, ilmenite, apatite, sphene, enstatite

SIGNED BY:

COMMENTS: abundant mica-magnetite rock fragments, many +5.0 mm megacrystic grains.
sphene-Cr diopside-apatite-magnetite-biotite, mineralogy similar to pipes in area.

ROBERT J. DILLMAN

ARJADEE PROSPECTING

SAMPLE CONTAINS KIMBERLITIC CHROME DIOPSIDE

Robert J. Dillman MARCH 2002

PAGE 1

ARJADEE PROSPECTING

ARJADEE PROSPECTING

D.D.I. #3
CHAMPAGNE KYKÉ

SAMPLE NUMBER: DDI-3-35

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 14.7 SIZE FRACTION: 1.0 to 0.5 millimetres

MAGNETIC FRACTION: 0 grams
NONMAGNETIC FRACTION: 14.7 grams
TOTAL 14.7 grams

COARSE OR FINER FRACTION AVAILABLE?: YES

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 14.7 grams

DATE: MAY 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLIVINE	MICA		OPAQUES						OTHER			
	PYROPE	ECLOGITE	ANDRADITE	ALMO	Cr DiOP	Cr CPX	ENSTATITE	AUGITE	OLIVINE	PHLOGO	BIOTITE	CHROMITE	Mg ILMENITE	PEROV	MAG	PYRITE	RUTILE	AMPHL	SPHENE	ZIR	CORUN.
PURPLE																					
LILAC																					
RED				7 g?																7 g?	
ORANGE		1 g?																			
PINK				Tr.																	
BROWN																1 g					
BLACK										60%					1 g						
Br. GREEN						2 g?															
Dr. GREEN							3 g?												3 g?		
YELLOW																					
CLEAR																					
SILVER																					
TOTAL		1 g?		Tr.		2 g?	3 g?			60%					1 g	1 g		3 g?		7 g?	

Tr. : Trace (<1%) g : grains

KIMBERLITE OR RELATED MINERALS: YES

DISTANCE ESTIMATE: 0 distance to probable kimberlite source.


TOTAL KIMBERLITE OR RELATED MINERALS: 65%

OTHER MINERALS OF INTEREST: 2 possible eclogitic Cr clinopyroxene.

COMMENTS: abundant large phlogopite-biotite flakes, many finer-grained 'cluster' grains, macrocrysts of almandine, enstatite?, magnetite & pyrite.

Probable Kimberlite source

SIGNED BY:

 May 14/02

ROBERT J. DILLMAN

ARJADEE PROSPECTING

D.D.I. 3
CHAMPAGNE DYKE

SAMPLE NUMBER: DDI - 3 - 35

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 32.9 SIZE FRACTION: <0.5 millimetres

MAGNETIC FRACTION: 17.6 grams COARSE OR FINER FRACTION AVAILABLE?: YES
NONMAGNETIC FRACTION: 15.4 grams
TOTAL: 32.9 grams PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 22 grams DATE: MARCH 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLIVINE	MICA		OPAQUES					OTHER						
	PYROPE	ECLOGITE	ANDRADITE	ALMID	CRDOP	CRCPK	ENSTATITE	AUGITE	OLIVINE	PHLOGO	BIOTITE	CHROMITE	MG ILMENITE	PEROV	MAG	PYRITE	RUTILE	AMPHI	SPHENE	ZIR	CORUN		
PURPLE																					5g		
LEUC																							
RED																5%							
ORANGE		10%		20%																	Tr.		
PINK				10%																	Tr.		
BROWN										Tr	5%												
BLACK			Tr.									3g?	3g?	5%	10%								
BY GREEN					6g																		
DK GREEN						Tr.	Tr.	1%															
YELLOW									Tr.												5%		
CLEAR																							
SILVER																							
TOTAL		10%	Tr.	30%	6g	Tr.	Tr.	1%	Tr.	Tr.	5%	3g?	3g?	6%	10%	5%					5%	5g	Tr.

Tr. : Trace (<1%) g : grains

KIMBERLITE OR RELATED MINERALS: YES

DISTANCE ESTIMATE: 0 distance to kimberlite source

TOTAL KIMBERLITE OR RELATED MINERALS: >90%

OTHER MINERALS OF INTEREST: euhedral crystals of pyrite, zircon, apatite, enstatite, sphene, perovskite, magnetite

COMMENTS: bleached phlogopite crystals, chrome diopside with preserved calcite rims, 1% apatite, 30% fine-grained

mica-clivine-cpx-magnetite lamprophyric/kimberlitic rock fragments removed in magnetic fraction.

some sphene could be olivine.

CR-DIOPSIDE, PEROVSKITE, SPHENE, PYRITE, MICA, KIMBERLITE 30: 40%

SIGNED BY:

Robert J. Gillman March 25/02

ROBERT J. GILLMAN

ARJADEE PROSPECTING

SAMPLE NUMBER: DDI-3-16

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 48.9 SIZE FRACTION: 2.0 to 0.5 millimetres

MAGNETIC FRACTION: 0 grams
 NONMAGNETIC FRACTION: 48.9 grams
 TOTAL: 48.9 grams
 COARSE OR FINER FRACTION AVAILABLE?: ?
 PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 48.9 grams DATE: MAY 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL.BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLIVINE	MICA		OPAQUES						OTHER			
	PYROPE	ECLOGITE	ANDRADITE	ALMD	Cr DIOP	Cr CPX	ENSTATITE	AUGITE	OLIVINE	PHLOGO	BIOTITE	CHROMITE	Mg ILMENITE	PEROV	MAG	PYRITE	RUTILE	AMPHI.	SPHENE	ZR	CORUN.
PURPLE																					
LILAC																					
RED																				?	
ORANGE		3 g		7 g ?																	
PINK				Tr.																	?
BROWN									30%									Tr.			
BLACK										40%				Tr.	3 g						
Br. GREEN					2 g																
Dk. GREEN							4 g														
YELLOW									3 g											1 g	
CLEAR																					
SILVER																					
TOTAL				7 g ?	2 g		4 g		30%	40%				Tr.	3 g			Tr.	1 g	?	?

Tr. : Trace (<1%) g : grains

KIMBERLITE OR RELATED MINERALS: YES

DISTANCE ESTIMATE: 0 distance to kimberlite source.

TOTAL KIMBERLITE OR RELATED MINERALS: <80%

OTHER MINERALS OF INTEREST: 2 large Cr diopside (1.5 mm, 0.7 mm)

COMMENTS: abundant large macrocrysts of "dirty" greenish-brown olivine some altered to serpentine, red almandine could be

SIGNED BY:

R. J. Dillman May 14/02

red zircon, 2 pink almandine or corundum in actinolite (eclogite fragment?), macrocrysts of olivine,

phlogopite, Cr diopside, enstatite, garnet.

ROBERT J. DILLMAN

ARJADEE PROSPECTING

;KIMBERLITE, weakly altered

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14:08

05/16/2002

SAMPLE NUMBER: DDI - 3 - 17

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVE: 67.7

SIZE FRACTION: <1.0 millimetres

MAGNETIC FRACTION: 3.2 grams
NONMAGNETIC FRACTION: 64.5 grams
TOTAL 67.7 grams

COARSE OR FINER FRACTION AVAILABLE?: ?

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 67.7 grams

DATE: APRIL 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLIVINE	MICA		OPAQUES					OTHER					
	PYROPE	ECLOGITE	ANDRADITE	ALMO	Cr DiOP	Cr Cpx	ENSTATITE	AUGITE	OLIVINE	PHLOGO	BIOTITE	CHROMITE	Mg ILMENTE	PEROV	MAG	PYRITE	RUTILE	AMPHL	SPHENE	ZIR	CRUM	
PURPLE																					2g	
LILAC																						
RED																					Tr.	
ORANGE				50%																Tr.		
PINK				45%																		2g
BROWN											3g									Tr.		
BLACK															3%		Tr.	Tr.				
Br. GREEN																						
Ok. GREEN																						
YELLOW																					1g	
CLEAR																						
SILVER																						
TOTAL				95%							3g				3%		Tr.	1%	Tr.	Tr.	Tr.	2g

Tr. : Trace (<1%) g : grains

KIMBERLITE OR RELATED MINERALS: ?

DISTANCE ESTIMATE:

TOTAL KIMBERLITE OR RELATED MINERALS:

OTHER MINERALS OF INTEREST:

COMMENTS: 1.0 mm grains and worn fragments of larger grains of red zircon.
Several brown mica cluster grains, two of which are in the magnetic fraction.
Slight increase in magnetite content.
Possible lamprophyre mica.

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ROBERT J. DILLMAN

ARJADEE PROSPECTING

ARJADEE PROSPECTING PAGE 02 5192649278 04/17/2002 15:56

SAMPLE NUMBER: DDI - 3 - 22

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 28.6 SIZE FRACTION: < 0.5 millimetres

MAGNETIC FRACTION: 0 grams
NONMAGNETIC FRACTION: 28.6 grams
TOTAL 28.6 grams

COARSE OR FINER FRACTION AVAILABLE?:

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 28.6 grams

DATE: APRIL 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLIVINE	MICA			OPAQUES					OTHER		ZIR	CORUM.	
	PYROPE	ECLOGITE	ANDRADITE	ALMD	Cr DIOP	Cr CPX	ENSTATITE	AUGITE	OLIVINE	PHLOGO	BIOTITE	CHROMITE	Mg ILMENITE	PEROV	MAG	PYRITE	RUTILE	AMPHL	SPHENE			
PURPLE																					2 g	
LILAC																						
RED																					Tr.	
ORANGE				30%																	1%	
PINK				60%																		
BROWN																						1 g
BLACK											1%				Tr.					2%		
Dr. GREEN																						
DK. GREEN								1 g														
YELLOW																						
CLEAR																						
SILVER																						
TOTAL				90%				1 g			1%				Tr.					2%	1%	Tr.

Tr. : Trace (<1%) g : grains

KIMBERLITE OR RELATED MINERALS: NO

DISTANCE ESTIMATE: 0 distance to black mica - quartz - feldspar - orange garn

TOTAL KIMBERLITE OR RELATED MINERALS:

OTHER MINERALS OF INTEREST:

COMMENTS: 5% black mica + quartz + feldspar + orange garnet composites, metamorphic source.
Red zircon all fragments.

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ROBERT J. DILLMAN

ARJADEE PROSPECTING

ARJADEE PROSPECTING 5192649278 15:56 04/17/2002

SAMPLE NUMBER: DDI - 3 - 23

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVE: 50.9 SIZE FRACTION: <1.0 millimetres

MAGNETIC FRACTION: 50.9 grams
 NONMAGNETIC FRACTION: 0 grams
 TOTAL 50.9 grams

COARSE OR FINER FRACTION AVAILABLE?: ?

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 50.9 grams DATE: APRIL 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL.BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLIVINE	MICA		OPAQUES						OTHER				
	PYROPE	ECLOGITE	ANDRADITE	ALMD	Cr DiOP	Cr CPX	ENSTATITE	AUGITE	OLIVINE	PHLOGO	BIOTITE	CHROMITE	Mg ILMENITE	PEROV	MAG	PYRITE	RUTILE	AMPHL	SPHENE	ZIR	CORUN.	
PURPLE																						
LILAC																						
RED				Tr.																		
ORANGE				Tr.																		
PINK				Tr.																		
BROWN																						5%
BLACK															95%							
Br. GREEN																						
Dk. GREEN																						
YELLOW																						
CLEAR																						Tr.
SILVER																						
TOTAL				Tr.																		5%

Tr. : Trace (<1%) g : grains

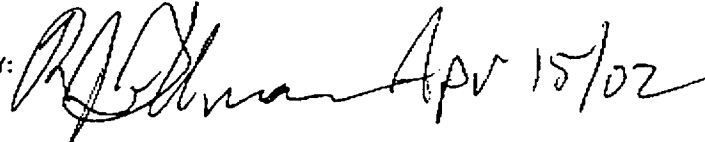
KIMBERLITE OR RELATED MINERALS: NO

DISTANCE ESTIMATE: 0 distance to magnetite - Cu source

TOTAL KIMBERLITE OR RELATED MINERALS:

OTHER MINERALS OF INTEREST: 27 magnetite / magnetite + brown amphibole with weak to strong malachite - azurite coating

COMMENTS: concentrate consists mostly of magnetite grains and magnetite + brown amphibole + quartz composites.

SIGNED BY:  Apr 15/02

ROBERT J. DILLMAN

ARJADEE PROSPECTING

Immediate Magnetite - Copper Source

SAMPLE NUMBER: DDI - 3 - 24

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 13.8

SIZE FRACTION: <1.0 millimetres

MAGNETIC FRACTION: 0 grams

COARSE OR FINER FRACTION AVAILABLE?:

NONMAGNETIC FRACTION: 13.8 grams

TOTAL 13.8 grams

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 13.8 grams

DATE: APRIL 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLVINE	MICA		OPAQUES					OTHER				
	PYROPE	ECLOGITE	ANDRADITE	ALMD	CR DIOP	CR OPX	ENSTATITE	AUGITE	OLVINE	PHLOGO	BIOTITE	CHROMITE	Mg ILMENITE	PEROV	MAG	PYRITE	RUTILE	AMPHL	SPHENE	ZIR	CORUN.
PURPLE																					
LILAC																					
RED																					Tr.
ORANGE				30%																	
PINK				40%																	5 g
BROWN																					
BLACK																		30%			
Br. GREEN																					
DR. GREEN																					
YELLOW																					
CLEAR																					
SILVER																					
TOTAL				70%														30%			Tr.

Tr. : Trace (<1%)

g : grains

KIMBERLITE OR RELATED MINERALS: NO

DISTANCE ESTIMATE:

TOTAL KIMBERLITE OR RELATED MINERALS:

OTHER MINERALS OF INTEREST:

COMMENTS: thick clay coating most grains.

SIGNED BY:

Robert J. Dillman Apr 15/02

ROBERT J. DILLMAN

ARJADEE PROSPECTING

01740202 04/11/2002 09:00

SAMPLE NUMBER: DDI - 3 - 26

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVE: 23.1

SIZE FRACTION: <1.0 millimetres

MAGNETIC FRACTION: 0 grams
NONMAGNETIC FRACTION: 23.1 grams
TOTAL 23.1 grams

COARSE OR FINER FRACTION AVAILABLE?: ?

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 23.1 grams

DATE: APRIL 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL.BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLIVINE	MICA		OPAQUES					OTHER					
	PYROPE	ECLOGITE	ANDRADITE	ALMO	Cr DIOP	Cr CPX	ENSTATITE	AUGITE	OLIVINE	PHLOGO	BIOTITE	CHROMITE	Mg ILMENITE	PEROV	MAG	PYRSTE	RUTILE	AMPHI.	SPHENE	ZIR	COJUN.	
PURPLE																						
LILAC																						
RED																						
ORANGE				20%																		
PINK				25%																		1g?
BROWN																						5%
BLACK															Tr.							15%
Br. GREEN																						
DK. GREEN								1g														
YELLOW																						
CLEAR																						Tr.
SILVER																						
TOTAL				45%				1g							Tr.						Tr.	1g?

Tr. : Trace (<1%) g : grains

KIMBERLITE OR RELATED MINERALS: No

DISTANCE ESTIMATE: 0 distance to brown amphibole + quartz + white feldspar source

TOTAL KIMBERLITE OR RELATED MINERALS:

OTHER MINERALS OF INTEREST: thick clay on most grains.

COMMENTS: coarse - fres brown amphibole and white feldspar composites could be from a pegmatite dike.

Potential pegmatite close to site.

SIGNED BY:

ROBERT J. DILLMAN

ARJADEE PROSPECTING

04/17/2002 15:56 ARJADEE PROSPECTING 5192649278

SAMPLE NUMBER: DDI - 3 - 37

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 30.2 SIZE FRACTION: millimetres

MAGNETIC FRACTION: 0 grams
NONMAGNETIC FRACTION: 30.2 grams
TOTAL 30.2 grams

COARSE OR FINER FRACTION AVAILABLE?:

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 30.2 grams

DATE: MARCH 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL.BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLIVINE	MICA		OPAQUES				OTHER						
	PYROPE	ESLOGITE	ANDRADITE	ALND	Cr Diop	Cr Cpx	ENSTATITE	AUGITE	OLIVINE	PHLOGG	BIOITTE	CHROBITE	Sp ILMENTE	PEROV	MAG	PYRITE	RUTILE	AMPHI.	EPHENE	ZIR	CORUN	
PURPLE																						
LILAC																						
RED				Tr												1 g					5 g	
ORANGE				30%																		
PINK				40%																		
BROWN																						
BLACK											2 g	1 g							2%			
Dr. GREEN																			Tr			
Dk. GREEN								8 g														
YELLOW																						
CLEAR																						9 g
SILVER																						
TOTAL				70%				8 g			2 g	1 g				1 g		2%			14 g	

Tr. : Trace (<1%) g : grains

KIMBERLITE OR RELATED MINERALS: no

DISTANCE ESTIMATE:

TOTAL KIMBERLITE OR RELATED MINERALS:

OTHER MINERALS OF INTEREST: several rusty grains and grain-clumps cemented by rust.

COMMENTS: several fragments of red zircon and small clear euhedral crystals.

SIGNED BY:

Robert J. Dillman March 20/02

ROBERT J. DILLMAN

ARJADEE PROSPECTING

NO OBVIOUS KIMBERLITE INDICATOR MINERALS

PAGE 02

ARJADEE PROSPECTING

017403710

01.01

2002/27/02

D. D. I. # 3
STREAM SAMPLE NO INDICATORS

SAMPLE NUMBER: DD3-38

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 31.5 SIZE FRACTION: <0.5 millimetres

MAGNETIC FRACTION: 0 grams
NONMAGNETIC FRACTION: 31.5 grams
TOTAL 31.5 grams

COARSE OR FINER FRACTION AVAILABLE?:

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 31.5 grams

DATE: MARCH 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL.BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLVINE	MICA		OPAQUES					AMPH.	SPHENE	OTHER	
	PYROPE	ECLOGITE	ANNHRADITE	OTHER %	Cr DIOPHIDE	Cr CPX	ENSTATITE	AUGITE	OLVINE	PHLOGOPITE	BIOTITE	CHROMITE	Mg ILMENITE	PEROVSKITE	PYRITE	RUTILE	AMPH.	SPHENE	CORUN.	
PURPLE																				
LILAC																				
RED		15 g																		
ORANGE		20 g		35%																
PINK		2 g		35%																
BROWN																				
BLACK																				18%
Dr. GREEN																				3g
DK. GREEN																				2%
YELLOW																				
CLEAR																				
SILVER																				
TOTAL		27 g		70%																17%

g : grains

KIMBERLITE OR RELATED MINERALS: No

DISTANCE ESTIMATE: no estimate

TOTAL KIMBERLITE OR RELATED MINERALS: 0

OTHER MINERALS OF INTEREST:

COMMENTS: red garnet could be red zircon. Several 'brighter' green amphibole could be chrome cpx

SIGNED BY:



ROBERT J. DILLMAN

March 13, 2002

ARJADEE PROSPECTING

SAMPLE NUMBER: ~~HCSS-05~~ (DDI-3)

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 50.8

SIZE FRACTION: <1.0 millimetres

MAGNETIC FRACTION: 0 grams
NONMAGNETIC FRACTION: 50.8 grams
TOTAL 50.8 grams

COARSE OR FINER FRACTION AVAILABLE?:

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 50.8 grams

DATE: MARCH 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: RL BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLIVINE	MICA			OPAQUES				OTHER				
	PYROPE	ECLOGITE	ANDRADITE	ALMD	Cr DICP	Cr CPIX	ENSTATITE	AUGITE	OLIVINE	PHLOGO	BIOTITE	CHROMITE	MAGNETITE	PEROV	MAG	PYRITE	RUTILE	AMPH.	SPHENE	ZIR	CORUN.
PURPLE																					
LILAC																					
RED																					
ORANGE				4 g																	
PINK				3 g																	
BROWN																					Tr.
BLACK															99%						
Br. GREEN																					
DK. GREEN																					
YELLOW																					
CLEAR																					
SILVER																					
TOTAL				7 g											99%						Tr.

Tr.: Trace (<1%) g: grains

KIMBERLITE OR RELATED MINERALS: NO

DISTANCE ESTIMATE: 0 distance to magnetite source

TOTAL KIMBERLITE OR RELATED MINERALS:

OTHER MINERALS OF INTEREST:

COMMENTS: sample consists of coarse magnetite + brown amphibole + quartz composites from an immediate source.

ICP scan recommended.

IMMEDIATE MAGNETITE SOURCE

SIGNED BY:

[Signature] March 25/02

ROBERT J. BILLMAN

ARJADEE PROSPECTING

ARJADEE PROSPECTING PAGE 02 01204327C 17-20 03/20/2002

P.D.I #3
PETER PIPE

SAMPLE NUMBER: PF-2

DATE OF SUBMISSION: SEPTEMBER 2001

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 36.7 SIZE FRACTION: -5 millimetres

MAGNETIC FRACTION: 0 grams COARSE OR FINER FRACTION AVAILABLE?: ?
NONMAGNETIC FRACTION: 36.7 grams
TOTAL 36.7 grams PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 36.7-grams DATE: FEB. 2002

NUMBER GRAINS SUBMITTED FOR ANALYSES: 0

ELECTRON MICROPROBE: RL.BARNETT GEOLOGICAL SERVICES, LAMBETH ONTARIO

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLIVINE			MICA			OPAQUES					SPHENE	OTHER
	PYROPE	ECLOGITE	ANDRADITE	OTHER %	Cr DIOPSIDE	Cr CFX	ENSTATITE	AUGITE	OLIVINE	PHLOGOPITE	BIOTITE	CHROMITE	Mg ILMENITE	PEROVSKITE	PYRITE	RUTILE	SPHENE	COR.			
PURPLE																					
LILAC																					
RED																					
ORANGE																			13		
PINK																					
BROWN									2	10%	85%										
BLACK																					
DR. GREEN																					
DL. GREEN																					
YELLOW																					
CLEAR																					
SILVER																					
TOTAL									2	10	85%								13		

KIMBERLITE OR RELATED MINERALS: YES

DISTANCE ESTIMATE: 0

TOTAL KIMBERLITE OR RELATED MINERALS: 100%

OTHER MINERALS OF INTEREST:

COMMENTS: coars phlogopite-biotite in fine serpentized-magnetite matrix.
-some corundum could be orange eclogite garnet.

SIGNED BY:



ROBERT J. DILLMAN

ARJADEE PROSPECTING

COARSE GRAINED BIOTITE-PHLOGOPITE DIKE