

GM 61618

RESULTS OF HEAVY MINERAL CONCENTRATE EXAMINATION, TORNGAT DIAMOND PROJECT

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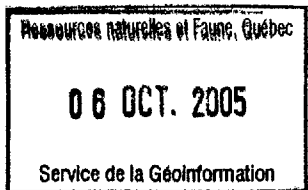
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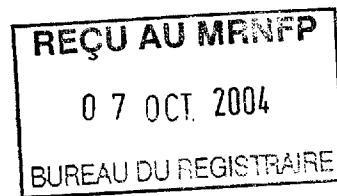
**Results of Heavy Mineral Concentrate Examination:
HMC-1-3 to HMC-32-3 series, 90931 to 90935 series,
DL-009-3, MC-109-3, St. Pierre N.109**

Torngat Diamond Project, Quebec

Diamond Discoveries International Inc.



GM 61618



By: Robert Dillman
Arjadee Prospecting

April 14, 2004

Tal 04 281 027

April 15, 2004

To: Mark Connell
Peter Ferderber
Diamond Discoveries International Inc.

From: Robert Dillman
(519) 264-9278

**Results of Heavy Mineral Concentrate Examination:
HMC-1-3 to HMC-32-3 series, 90931 to 90935 series, DL-009-3, MC-109-3,
St. Pierre N.109**

Forty (40) heavy mineral concentrates were examined for minerals associated with kimberlite and aillikite. Results of the examinations are summarized in Table 1. Seventeen (17) of the samples contain minerals derived from kimberlite or aillikite sources situated very close to sample sites. Note: mineral identification is subject to confirmation using an electron microprobe.

Minerals in the heavy mineral concentrates which are mantle-derived and diagnostic of kimberlite or aillikite include: pyrope garnet, chrome diopside, andradite garnet, olivine, phlogopite and perovskite. Samples containing these particular minerals include: HMC-2-3, HMC-5-3, HMC-6-3, HMC-9-3, HMC-19-3, HMC-27-3, HMC-28-3, HMC-29-3, HMC-30-3, HMC-31-3, 90931, 90935, DL-009-3, MC-109-3 and St. Pierre N.109.

Samples with pyrope garnet indicative of kimberlite include: HMC-27-3, HMC-29-3 and HMC-30-3. Samples with andradite garnet and perovskite indicating aillikite include: HMC-3-3, HMC-19-3, DL-009-3, MC-109-3 and St. Pierre N.109.

Minerals identified in the heavy mineral concentrates which could be derived from eclogite nodules contained in kimberlite or aillikite include: orange garnet, green clinopyroxene, pink and orange corundum. Samples containing appreciable amounts of potential eclogite minerals include: HMC-8-3, HMC-17-3, HMC-19-3, HMC-21-3, HMC-23-3, HMC-27-3, HMC-29-3, HMC-31-3, 90931, DL-009-3, MC-109-3 and St. Pierre N.109.

Minerals contained in the heavy mineral concentrates which may or may not be associated with kimberlite or aillikite include: orthopyroxene, biotite, rutile and yellow sphene. Samples containing appreciable amounts of these potentially important minerals include: HMC-4-3, HMC-8-3, HMC-9-3, HMC-11-3, HMC-18-3, HMC-23-3, HMC-25-3, HMC-28-3, HMC-29-3 and St. Pierre N.109.

Samples with abundant graphite flakes and pyrite grains from local sources to the samples sites include: HMC-15-3, HMC-18-3, HMC-19-3, HMC-20-3, HMC-23-3, and HMC-24-3.

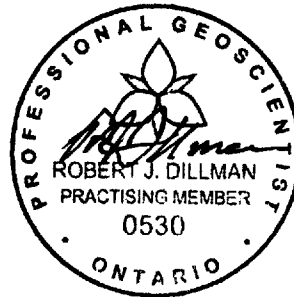
Based on the identification of minerals associated directly with kimberlite and aillikite, further sampling and source identification is recommended in the vicinity to sample sites: HMC-2-3, HMC-5-3, HMC-6-3, HMC-9-3, HMC-19-3, HMC-27-3, HMC-28-3, HMC-29-3, HMC-30-3, HMC-31-3, 90931, 90935, DL-009-3, MC-109-3 and St. Pierre N.109. Particular focus should be given to the pyrope-bearing sample: HMC-29-3 which is believed to be taken close to a kimberlite source. Focus should also be directed on sample sites: MC-109-3 and St. Pierre N.109. Both of these samples contain chrome diopside occurring as nodules and as inclusions in olivine. Both samples are believed to represent aillikite situated very close to the sample sites.

Sincerely,



Robert Dillman
Geologist

B.Sc.
APGO#530



**TABLE 1.: SUMMARY OF HEAVY MINERAL CONCENTRATE EXAMINATION
TORNGAT DIAMOND PROJECT
DIAMOND DISCOVERIES INTERNATIONAL INC.**

SAMPLE NUMBER	GARNET				PYROXENE				OLIVINE	MICA		OPAQUES					OTHERS				COMMENTS	
	PYR	ECL	AND	ALM	Cr DIO	CPX	AUG	OPX	OLV	PHLG	BIO	CHRT/ILM	MAG	PER	PY	RUT	AMP	SPH	ZIR	COR		
HMC-1-3				30%				4 g									70%		Tr.			
HMC-2-3				75%	2 g	22 g		14 g		1 g	3 g	4 g					25%		Tr.		Cr diopside source close	
HMC-3-3			2 g	55%			Tr.	13 g			1 g		3 g			3 g	40%		Tr.		andradite, aillikite source	
HMC-4-3				40%				3 g		Tr.	5%						45%	4 g	6 g	?	yellow sphene, mica source	
HMC-5-3				35%	1 g		Tr.			3 g	Tr.		Tr.			Tr.	15%		10%		mag-mica source close	
HMC-6-3				60%		3 g			1 g		Tr.		4 g			Tr.	30%		Tr.		aillikite source close	
HMC-7-3				50%		14 g		2 g			1 g		Tr.		3 g		35%		Tr.		Na-cpx ? eclogite?	
HMC-8-3				45%		16 g		6 g		1 g	Tr.	?	Tr.			Tr.	35%		3 g	10%?	mag-Zr-cor source close	
HMC-9-3				60%	1 g?	7 g	2 g	26 g				2 g?					30%		6 g	2 g?	enstatite source	
HMC-10-3				75%		18 g		7 g				2 g?	Tr.			Tr.	10%		Tr.		green cpx source	
HMC-11-3				95%							1 g		3 g			1%	1%		1%			orange sphene source
HMC-12-3				60%							1 g		Tr.			Tr.	30%		1 g			
HMC-13-3				50%							1 g		Tr.			1%	45%		Tr.			
HMC-14-3		2 g?		60%		1 g							Tr.			Tr.	15%				abundant orange sphene	
HMC-15-3				55%							3 g				8 g		35%		Tr.	?	graphite-pyrite source	
HMC-16-3				50%		3 g					1 g		3 g			Tr.	35%		5%		pink zircon source	
HMC-17-3		Tr.?		80%						1 g	1 g					Tr.	15%		Tr.	4 g?	mica source in area	
HMC-18-3				30%							Tr.		Tr.				35%		20%		grph-mag-Zr-mica sources	
HMC-19-3		3 g?	20 g	40%	2 g			2 g					5%	Tr.		Tr.	20%		5%	?	grph, aillikite sources close	
HMC-20-3				25%									3 g				60%				graphite-amphibole source	
HMC-21-3				25%		1 g		6 g			1 g		Tr.		1 g	Tr.	30%		20%	20%?	enstatite-corundum? source	
HMC-22-3				50%		2 g							Tr.			Tr.	40%					
HMC-23-3		Tr.?		40%		3 g		2 g	?		1%				Tr.	Tr.	35%		Tr.	20%?	cor-graphite-Zr sources	
HMC-24-3				70%							Tr.					Tr.	20%		Tr.		mica, graphite sources	

TABLE 1 con't.:

**SUMMARY OF HEAVY MINERAL CONCENTRATE EXAMINATION
TORNGAT DIAMOND PROJECT
DIAMOND DISCOVERIES INTERNATIONAL INC.**

SAMPLE NUMBER	GARNET				PYROXENE				OLIVINE	MICA		OPAQUES					OTHERS				COMMENTS
	PYR	ECL	AND	ALM	Cr DIO	CPX	AUG	OPX	OLV	PHLG	BIO	CHRT/ ILM	MAG	PER	PY	RUT	AMP	SPH	ZIR	COR	
HMC-25-3				35%		1 g		2 g			4 g				1 g	5%	10%		Tr.		rutile-orange sphene source
HMC-26-3				40%				3 g								Tr.	45%		15%		
HMC-27-3	1 g	2 g?		5%		15 g		7 g			2 g		Tr.				90%		5%		
HMC-28-3				Tr.		5 g		5 g		Tr.	Tr.						100%				
HMC-29-3	4 g	2 g?		Tr.		Tr.		Tr.				?	15%				85%		Tr.		kimberlite source close
HMC-30-3				5%		8 g		5 g		4 g	7 g		Tr.				90%				magnetite source close
HMC-31-3	1 g	?		15%		Tr.		2 g					Tr.				75%		5%		cpx, Zr, or. sphene sources
HMC-32-3				Tr.													100%		Tr.		
90931		?		55%	1 g?	Tr.					1 g		Tr.				35%		4 g		
90932				90%									Tr.			Tr.	Tr.		3 g		
90933				90%									Tr.			Tr.	Tr.		4 g		
90934				85%									Tr.			Tr.	5%		5 g		
90935				Tr.					20%	80%			Tr.		1 g						sample on olivine aillikite
DL-009-3			1 g	10%		3 g	30%			60%			Tr.	Tr.	2 g		Tr.		Tr.	?	sample on cpx aillikite source
MC-109-3		?		20%	9 g				30%	20%			Tr.	20%	2 g			5%		5%	Cr-diop.-olivine-cor. aillikite
St. Pierre N109		Tr.	?	20%	10 g	1 g		1 g	25%	10%	5%		5%	10%				10%	Tr.	15%	Cr.diop.-olivine-perov-corundum-garnet aillikite

SAMPLE NUMBER: HMC-1-3

DATE OF SUBMISSION: OCTOBER, 15, 2003

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 39.2 grams

SIZE FRACTION: <1.0 mm

MAGNETIC FRACTION: 0 grams
NONMAGNETIC FRACTION: 39.2 grams
TOTAL 39.2 grams

COARSE OR FINER FRACTION AVAILABLE?: NO

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 39.2 grams

DATE: March 15, 2004

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: CF MINERAL RESEARCH LTD.

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																				Tr.	
ORANGE				15%																	
PINK				15%																	
BROWN																					
BLACK																		25%			
GREY																					
Br. GREEN																					
Dk. GREEN							4 g												5 g		
YELLOW																					
WHITE																			20%		
CLEAR																			25%		Tr.
SILVER																					
TOTAL				30%			4 g												70%		Tr.

Tr. : Trace (<1%)

g : grains

KIMBERLITE OR RELATED MINERALS: 0

DISTANCE ESTIMATE:

TOTAL KIMBERLITE OR RELATED MINERALS: 4 g

COMMENTS: small fragments of dark green enstatite. Lighter green amphibole could be clinopyroxene. Abundant dark amphibole, clear and white. No obvious kimberlite minerals. Traces of red zircon. Thin clay coating on most grains, 5% unidentifiable.

SIGNED BY:


Apr 14/04

ROBERT J. DILLMAN ARJADEE PROSPECTING

SAMPLE NUMBER: HMS-2-3

DATE OF SUBMISSION: OCTOBER, 15, 2003

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 74 grams

SIZE FRACTION: <1.0 mm

MAGNETIC FRACTION: 0 grams
 NONMAGNETIC FRACTION: 74 grams
 TOTAL 74 grams

COARSE OR FINER FRACTION AVAILABLE?: NO

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 74 grams

DATE: FEBRUARY 28, 2004

NUMBER GRAINS SUBMITTED FOR ANALYSES: 25

ELECTRON MICROPROBE: CF MINERAL RESEARCH LTD.

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLIVINE	MICA		OPAQUES						OTHER			
	PYROPE	ECLOGITE	ANDRADITE	ALMD	Cr DIOP	Cr CPX	ENSTATITE	AUGITE	OLIVINE	PHLOGO	BIOTITE	CHROMITE	Mg SILMENITE	PEROV	MAG	PYRITE	RUTILE	AMPHL	SPHENE	ZIR	CORUN.
PURPLE																					
LILAC																					
RED				2 g																	2 g
ORANGE				35%																	
PINK				40%																	
BROWN										1 g	3 g										
BLACK												4 g?						Tr.			
GREY																					
Br. GREEN					2 g	22 g															5 g
Dk. GREEN							14 g														
YELLOW																					15%
CLEAR																					10%
SILVER																					Tr.
TOTAL				75%	2 g	22 g	14 g			1 g	3 g	4 g?									25%

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

KIMBERLITE OR RELATED MINERALS: 2 g

TOTAL KIMBERLITE OR RELATED MINERALS: 43 g

DISTANCE ESTIMATE: Cr diopside in composite with yellow mineral suggesting local source.

COMMENTS: 2 chrome diopside, 1 fragment <0.5 mm, 1 pellet <0.2 mm in composite with creamy-white mineral. Fragments of light green cpx, possibly Na-cpx (eclogite?). Dark green fragments of enstatite. 4 black metallic fragments. 5 green-olive glassy rounded grains of amphibole possibly regional source. Small flakes of mica, 1 red-brown which could be phlogopite. 2 red zircon fragment and clear fragments which could also be sillimanite. Background of abundant orange garent of various shades, black amphibole, quartz and sillimanite, trace orange sphene.

SIGNED BY:  Apr 14/04

ROBERT J. DILLMAN

ARJADEE PROSPECTING

SAMPLE NUMBER: HMC-3-3

DATE OF SUBMISSION: OCTOBER, 15, 2003

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 76.2 grams

SIZE FRACTION: <1.0 mm

MAGNETIC FRACTION: 0 grams
 NONMAGNETIC FRACTION: 76.2 grams
 TOTAL 76.2 grams

COARSE OR FINER FRACTION AVAILABLE?: NO

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 76.2 grams

DATE: March 11, 2004

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: CF MINERAL RESEARCH LTD.

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLMNE	MICA		OPAQUES					OTHER					
	PYROPE	ECLOGITE	ANDRADITE	ALMD	Cr DIOP	Cr CPX	ENSTATITE	AUGITE	OLMNE	PHLOGO	BIOTITE	CHROMITE	Mg ILMENITE	PEROV	MAG	PYRITE	RUTILE	AMPHL	SPHENE	ZIR	CORUN.	
PURPLE																						2 g
LILAC																						
RED																					Tr.	
ORANGE				20%																	5%	
PINK				35%																		
BROWN											1 g											
BLACK			2 g?					Tr.							3 g		3 g	5%				
GREY																						
Br. GREEN							13 g															
Dk. GREEN																						
YELLOW																					15%	
WHITE																					15%	
CLEAR																						Tr.
SILVER																						
TOTAL			2 g?	55%			13 g	Tr.			1 g				3 g		3 g	35%	5%		Tr.	

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

KIMBERLITE OR RELATED MINERALS: 0

DISTANCE ESTIMATE:

TOTAL KIMBERLITE OR RELATED MINERALS: 13 g

COMMENTS: rounded fragment of green clinopyroxene up to 0.7 mm, some could be Na cpx. Fragments of black augite, some remains of subhedral crystals, 2 hexagonal-dodecahedral crystals could be andradite?, worn grains. 1 black sphere 0.5 mm diameter: lunar glass?. Fragments of red zircon, worn, clear angular fragments of zircon. 5% clear-colourless sillimanite, several well-preserved fragments of euhedral crystals. Rare metallics. No obvious kimberlite minerals.

SIGNED BY:  Apr 14/04

ROBERT J. DILLMAN ARJADEE PROSPECTING

SAMPLE NUMBER: HMC-4-3

DATE OF SUBMISSION: OCTOBER, 15, 2003

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 37.6 grams

SIZE FRACTION: <1.0 mm

MAGNETIC FRACTION: 0 grams
 NONMAGNETIC FRACTION: 37.6 grams
 TOTAL 37.6 grams

COARSE OR FINER FRACTION AVAILABLE?: NO

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 37.6 grams

DATE: March 13, 2004

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: CF MINERAL RESEARCH LTD.

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				15%															5%	?	?	
PINK				25%																?	?	
BROWN										Tr.	5%										6 g	
BLACK																		Tr.				
GREY																						
Br. GREEN																			9 g			
Dk. GREEN							3 g															
YELLOW																					4 g	
WHITE																			20%			
CLEAR																			25%		?	
SILVER																						
TOTAL				40%			3 g			Tr.	5%								45%	5%	6 g	?

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

KIMBERLITE OR RELATED MINERALS: ?

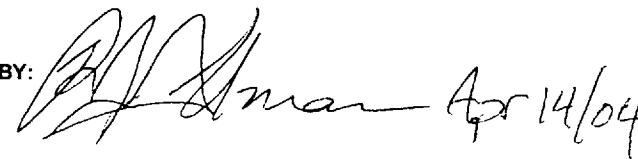
DISTANCE ESTIMATE:

mica, brown zircon, green amphibole?, yellow sphene source(s) very close to sample site.

TOTAL KIMBERLITE OR RELATED MINERALS: 5%?

COMMENTS: abundant mica, 2 types, 5% silver-brown biotite books, traces of light brown phlogopite. Green glassy pitted subhedral crystals of green amphibole/ or Na clinopyroxene? from close source. Well-preserved euhedral brown-purple zircon crystals. Abundant clear-colourless amphibole?. Fresh pink and orange garnet, some could be zircon or corundum. Several fragments of clear-yellow sphene, several fragments of crystals +1 mm. Possible champagne-type' source close to sample site.

SIGNED BY:



ROBERT J. DILLMAN ARJADEE PROSPECTING

SAMPLE NUMBER: HMC-5-3 COARSE

DATE OF SUBMISSION: OCTOBER, 15, 2003

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 0 grams

SIZE FRACTION: +1.0 mm

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

COARSE OR FINER FRACTION AVAILABLE?: NO

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 0 grams

DATE: March 12, 2004

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: CF MINERAL RESEARCH LTD.

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				20%																		
PINK				10%																		
BROWN										2 g	4 g											
BLACK															1 g?				15%			
GREY																						
Br. GREEN																						
Dk. GREEN																						
YELLOW																					20%	
WHITE																					20%	
CLEAR																						
SILVER																						
TOTAL				30%						2 g	4 g				1 g?						55%	

Tr. : Trace (<1%)

g : grains

KIMBERLITE OR RELATED MINERALS:

DISTANCE ESTIMATE:

TOTAL KIMBERLITE OR RELATED MINERALS:

COMMENTS: abundant orange and pink garnet, some pellet-shaped grains or anhedral crystals, many garnets in composite with white or yellow amphibole + quartz rock fragments
 2 light brown phlogopite flakes possible from kimberlite/aillikite, brown biotite flakes possible from metamorphic source. Grey clay coating on majority on grains, 10% unidentifiable.

SIGNED BY:

Robert J. Dillman Apr 14/04

ROBERT J. DILLMAN ARJADEE PROSPECTING

SAMPLE NUMBER: HMC-5-3

DATE OF SUBMISSION: OCTOBER, 15, 2003

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 71.2 grams

SIZE FRACTION: <1.0 mm

MAGNETIC FRACTION: 0 grams
NONMAGNETIC FRACTION: 71.2 grams
TOTAL 71.2 grams

COARSE OR FINER FRACTION AVAILABLE?: NO

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 712.2 grams

DATE: MARCH 9, 2004

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: CF MINERAL RESEARCH LTD.

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLMNE		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																					1 g	
LILAC																						
RED																					10%	
ORANGE				20%																	20%	
PINK				15%																		
BROWN																						
BLACK																						
GREY																						
Br. GREEN						1 g																
Dk. GREEN																						
YELLOW																						
CLEAR																						Tr.
SILVER																						
TOTAL				35%	1 g				Tr.			1 g	Tr.				Tr.		Tr.	15%	20%	10%

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

KIMBERLITE OR RELATED MINERALS: 1 g

DISTANCE ESTIMATE: magnetite source close to sample site.

TOTAL KIMBERLITE OR RELATED MINERALS: Tr.

COMMENTS: 1 fragment of pellet-shaped chrome diopside or Na-cpx, zoned or weakly preserved reaction rim. Traces of black magnetite, most angular to shape-edges shapeless fragments, 1 pellet 0.4 mm diameter, 1 fragment of a pellet 0.6 mm. 1 light brown phlogopite, traces of brown biotite from metamorphic source. 20% clear-colourless and clear-yellow sillimanite. Trace black augite from local source. Fresh fragments of clear-colourless zircon, abundant red zircon 1 purple pellet.

SIGNED BY:

ROBERT J. DILLMAN ARJADEE PROSPECTING

SAMPLE NUMBER: HMC-6-3

DATE OF SUBMISSION: OCTOBER 15, 2003

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 69.9 grams

SIZE FRACTION: <1.0 mm

MAGNETIC FRACTION: 0 grams
NONMAGNETIC FRACTION: 69.9 grams
TOTAL 69.9 grams

COARSE OR FINER FRACTION AVAILABLE?: NO

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 69.9 grams

DATE: March 17, 2004

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: CF MINERAL RESEARCH LTD.

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				25%															10%		
PINK				35%																	
BROWN											Tr.										
BLACK															4 g		Tr.	5%			
GREY									1 g												
Br. GREEN						3 g												Tr.			
Dk. GREEN							5 g														
YELLOW																					15%
WHITE																					5%
CLEAR																					5%
SILVER																					
TOTAL				60%		3 g	5 g		1 g		Tr.				4 g		Tr.	30%	10%	Tr.	

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

KIMBERLITE OR RELATED MINERALS: Yes

DISTANCE ESTIMATE: aillikite source close to sample site.

TOTAL KIMBERLITE OR RELATED MINERALS: Tr.

COMMENTS: trace of brown mica, flakes and clusters-grains. Green clinopyroxene and dark green enstatite, some could be amphibole. 1 grey-green serpentinized olivine, broken pellet >1.0 mm grey outer rind partially preserved. 4 +0.1 mm magnetite grains.

SIGNED BY:

ROBERT J. DILLMAN ARJADEE PROSPECTING

SAMPLE NUMBER: HMC-7-3

DATE OF SUBMISSION: OCTOBER, 15, 2003

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 68.3 grams

SIZE FRACTION: <1.0 mm

MAGNETIC FRACTION: 0 grams
 NONMAGNETIC FRACTION: 68.3 grams
 TOTAL 68.3 grams

COARSE OR FINER FRACTION AVAILABLE?: NO

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 68.3 grams

DATE: March 12, 2004

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: CF MINERAL RESEARCH LTD.

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 ILMENTI	PEROV	MAG	PYRITE	RUTILE	AMPHI.	SPHENE			
PURPLE																					4 g	
LILAC																						
RED																					Tr.	
ORANGE				15%																	5%	
PINK				35%																		
BROWN											1 g					3 g						
BLACK															Tr.					5%		
GREY																						
Br. GREEN								14 g														
Dk. GREEN								2 g														
YELLOW																					15%	
WHITE																					15%	
CLEAR																						Tr.
SILVER																						
TOTAL				50%			14 g	2 g			1 g				Tr.	3 g				35%	5%	Tr.

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

KIMBERLITE OR RELATED MINERALS:

DISTANCE ESTIMATE:

Possible eclogite-bearing source in area.

TOTAL KIMBERLITE OR RELATED MINERALS: 16 g

COMMENTS: 3 glassy green Na-clinopyroxene, 11 green clinopyroxene, 2 dark green enstatite fragments. 3 pellet to shapeless bronze-coloured pyrite. Several purple pellet-shaped zircon. Trace of shapeless black magnetite, small grains <0.3 mm, 1 fragment 0.8 mm diameter. 1 ragged edge brown biotite <0.7 mm diameter flake. Clinopyroxene grains are believed to be from eclogite bearing kimberlite. Some dark orange garnet which could be eclogite.

SIGNED BY:



ROBERT J. DILLMAN ARJADEE PROSPECTING

SAMPLE NUMBER: HMC-8-3 Coarse

DATE OF SUBMISSION: OCTOBER 15, 2003

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 62.2 grams

SIZE FRACTION: >1.0 mm

MAGNETIC FRACTION: 0 grams
 NONMAGNETIC FRACTION: 62.2 grams
 TOTAL 62.2 grams

COARSE OR FINER FRACTION AVAILABLE?: YES

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 62.2 grams

DATE: March 23, 2004

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: CF MINERAL RESEARCH LTD.

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLIVINE	MICA		OPAQUES						OTHER				
	PYROPE	ECLOGITE	ANDRADITE	ALMD	Cr DIOP	Cr CPX	ENSTATITE	AUGITE	OLIVINE	PHLOGO	BIOTITE	CHROMITE	Mg ILMENTE	PEROV	MAG	PYRITE	RUTILE	AMPHI.	SPHENE	ZIR	CORUN.	
PURPLE																					1 g	
LILAC																						
RED																						
ORANGE				35%															10%		?	
PINK				25%																		5%?
BROWN																						
BLACK												?			4 g			Tr.				
GREY																						
Br. GREEN						1 g																
Dk. GREEN							1 g															
YELLOW																			10%			
WHITE																			10%			
CLEAR																			5%			
SILVER																						
TOTAL				60%		1 g	1 g					?			4 g			25%	10%	1 g	5%?	

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

KIMBERLITE OR RELATED MINERALS: YES?

DISTANCE ESTIMATE: magnetite source close to sample site.

TOTAL KIMBERLITE OR RELATED MINERALS: 5 g

COMMENTS: 4 large magnetite fragments of pellets, 2 have preserved outer rim. 2 brown biotite flakes. 1 dark green enstatite. 1 green clinopyroxene. Abundant amphibole composite grains and rock fragments, many have pink or orange garnet. 5% potential pink corundum, some with rutile or graphite inclusions, some appear to be fragments of pellets with preserved brown outer rim.

SIGNED BY:

ROBERT J. DILLMAN ARJADEE PROSPECTING

SAMPLE NUMBER: HMC-8-3

DATE OF SUBMISSION: OCTOBER 15, 2003

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 69 grams

SIZE FRACTION: <1.0 mm

MAGNETIC FRACTION: 0 grams
 NONMAGNETIC FRACTION: 69 grams
 TOTAL 69 grams

COARSE OR FINER FRACTION AVAILABLE?: YES

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 69 grams

DATE: March 23, 2004

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: CF MINERAL RESEARCH LTD.

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																					3 g	
LILAC																						
RED																						
ORANGE				20%															10%		8%?	
PINK				25%																	2%?	
BROWN										1 g	Tr.				Tr.							
BLACK																	Tr.	Tr.				
GREY																						
Br. GREEN					1 g?	15 g																
Dk. GREEN							5 g															
YELLOW																			10%			
WHITE																			10%			
CLEAR																			15%		?	
SILVER																						
TOTAL				45%	1 g?	15 g	5 g			1 g	Tr.				Tr.		Tr.	35%	10%	3 g	10%?	

Tr. : Trace (<1%)

g : grains

KIMBERLITE OR RELATED MINERALS: ?

DISTANCE ESTIMATE: zircon source very close to sample site.

TOTAL KIMBERLITE OR RELATED MINERALS: Tr.

COMMENTS: flakes of brown biotite are probably from aillikite/kimberlite. Small shapeless fragments of black magnetite. Traces of black rutile some subhedral-anhedral crystals. Fragments of green clinopyroxene, 1 possible slightly brighter green cpx which could be chrome diopside, small pellet 0.3 mm diameter. Several fragments of euhedral purple-brown zircon crystals, some large +2 cm fragments from large crystals. Several graphite flakes. Potential pink and orange corundum with rutile and graphite inclusions.

SIGNED BY:

Robert J. Dillman Apr 14/04

ROBERT J. DILLMAN ARJADEE PROSPECTING

SAMPLE NUMBER: HMC-9-3

DATE OF SUBMISSION: OCTOBER, 15, 2003

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 69.3 grams

SIZE FRACTION: <1.0 mm

MAGNETIC FRACTION: 0 grams
 NONMAGNETIC FRACTION: 69.3 grams
 TOTAL 69.3 grams

COARSE OR FINER FRACTION AVAILABLE?: NO

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 69.3 grams

DATE: MARCH 2, 2004

NUMBER GRAINS SUBMITTED FOR ANALYSES: 20

ELECTRON MICROPROBE: CF MINERAL RESEARCH LTD.

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																					2 g		
LILAC																							
RED				2 g																	2 g		
ORANGE				30%																	10%		
PINK				30%																		2 g?	
BROWN																							
BLACK								2 g				2 g?									Tr.		
GREY																							
Br. GREEN					1 g?	7 g																	
Dk. GREEN							26 g																
YELLOW																					15%		
CLEAR																					15%	2 g	
SILVER																							
TOTAL				60%	1 g?	7 g	26 g	2 g				2 g?									30%	10%	6 g 2 g?

Tr. : Trace (<1%)

g : grains


KIMBERLITE OR RELATED MINERALS: 1 g?

DISTANCE ESTIMATE: enstatite source close to site.

TOTAL KIMBERLITE OR RELATED MINERALS: 41 g

COMMENTS: fresh angular to block shaped dark enstatite some with orange reaction rim on surface. 1 potential chrome diopside, sub-pellet shaped. Trace of rusty gossaned grains of unknown composition. Various shades of orange garnet, some pink, abundant orange sphene. Background of orange garnet- orange sphene- clear and yellow sphene. Rare metallic, several rounded flakes of graphite, several in composite with pink garnet or pink corundum.

SIGNED BY:



Apr 14/04

ROBERT J. DILLMAN

ARJADEE PROSPECTING

SAMPLE NUMBER: HMC-10-3

DATE OF SUBMISSION: OCTOBER, 15, 2003

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 74.8 grams

SIZE FRACTION: <1.0 mm

MAGNETIC FRACTION: 0 grams
 NONMAGNETIC FRACTION: 74.8 grams
 TOTAL 74.8 grams

COARSE OR FINER FRACTION AVAILABLE?: NO

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 74.8 grams

DATE: March 10, 2004

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: CF MINERAL RESEARCH LTD.

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				35%																Tr.		
PINK				40%																		
BROWN																						Tr.
BLACK												2 g?			Tr.		Tr.					
GREY																						
Br. GREEN																						?
Dk. GREEN																						
YELLOW																						
WHITE																						10%
CLEAR																						Tr.
SILVER																						
TOTAL				75%								2 g?			Tr.		Tr.		10%	Tr.	Tr.	

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

KIMBERLITE OR RELATED MINERALS: 2 g?

DISTANCE ESTIMATE: green clinopyroxene source in area.

TOTAL KIMBERLITE OR RELATED MINERALS: 25 g

COMMENTS: round-edged fragments of green, some glassy clinopyroxene some could be amphibole, some in composite with brown amphibole and some with small inclusions of golden-brown mica. Dark green fragments of enstatite. Small shapeless fragments of magnetite and rutile. 2 black metallic fragments which could be chromite. Typical red zircon fragment, some could be garnet. Cpx could be Na-cpx (eclogite).

SIGNED BY:

Robert J. Dillman Apr 14/04

ROBERT J. DILLMAN ARJADEE PROSPECTING

SAMPLE NUMBER: HMC-11-3

DATE OF SUBMISSION: OCTOBER, 15, 2003

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 79.9 grams

SIZE FRACTION: <1.0 mm

MAGNETIC FRACTION: 0 grams
 NONMAGNETIC FRACTION: 79.9 grams
 TOTAL 79.9 grams

COARSE OR FINER FRACTION AVAILABLE?: NO

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 79.9 grams

DATE: March 13, 2004

NUMBER GRAINS SUBMITTED FOR ANALYSES: 0

ELECTRON MICROPROBE: CF MINERAL RESEARCH LTD.

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																					1 g	
LILAC																						
RED																					1%	
ORANGE				50%																	2%	
PINK				45%																		
BROWN											1 g											
BLACK															3 g		1%	1%				
GREY																						
Br. GREEN																						
Dk. GREEN																						
YELLOW																					Tr.	
WHITE																					Tr.	
CLEAR																						Tr.
SILVER																						
TOTAL				95%							1 g				3 g		1%	1%	2%	1%		

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

KIMBERLITE OR RELATED MINERALS: 0

DISTANCE ESTIMATE: orange sphene-brown biotite source close to site.

TOTAL KIMBERLITE OR RELATED MINERALS: 0

COMMENTS: abundant garnet, some dark orange grains may have eclogite association. rare metallic grains, several weakly magnetic magnetite or ilmenite grains. Abundant rutile smooth-edged crystals from local source. Several brown biotite-orange sphene composites from local source. No obvious kimberlite minerals.

SIGNED BY:  Apr 14/04

ROBERT J. DILLMAN ARJADEE PROSPECTING

SAMPLE NUMBER: HMC-12-3

DATE OF SUBMISSION: OCTOBER 15, 2003

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 40 grams

SIZE FRACTION: <1.0 mm

MAGNETIC FRACTION: 0 grams
 NONMAGNETIC FRACTION: 40 grams
 TOTAL 40 grams

COARSE OR FINER FRACTION AVAILABLE?: NO

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 40 grams

DATE: March 23, 2004

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: CF MINERAL RESEARCH LTD.

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																					1 g	
LILAC																						
RED																						
ORANGE				30%																	10%	
PINK				30%																		
BROWN											1 g											
BLACK															Tr.		Tr.	Tr.				
GREY																						
Br. GREEN																						
Dk. GREEN																						
YELLOW																					20%	
WHITE																					10%	
CLEAR																						
SILVER																						
TOTAL				60%							1 g				Tr.		Tr.	30%	10%	1 g		

Tr. : Trace (<1%)

g : grains

KIMBERLITE OR RELATED MINERALS: No

DISTANCE ESTIMATE:

TOTAL KIMBERLITE OR RELATED MINERALS: 1 g?

COMMENTS: 1 brown biotite flake possibly related to kimberlite or aillikite. Small rounded-worn fragments of magnetite and rutile. 1 euhedral purple-brown zircon similar to those sometimes seen in eclogite-bearing aillikite. No obvious minerals of interest.

SIGNED BY:

Robert J. Dillman 4/21/04

ROBERT J. DILLMAN ARJADEE PROSPECTING

SAMPLE NUMBER: HMC-13-3

DATE OF SUBMISSION: OCTOBER, 15, 2003

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 81.5 grams

SIZE FRACTION: <1.0 mm

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

COARSE OR FINER FRACTION AVAILABLE?: NO

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 81.5 grams

DATE: March 11, 2004

NUMBER GRAINS SUBMITTED FOR ANALYSES: 0

ELECTRON MICROPROBE: CF MINERAL RESEARCH LTD.

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																					2 g	
LILAC																						
RED																				Tr.		
ORANGE				15%															4%			
PINK				35%																		
BROWN										1 g												
BLACK															Tr.		1%					
GREY																						
Br. GREEN																						
Dk. GREEN																						
YELLOW																		15%				
WHITE																		30%				
CLEAR																				Tr.		
SILVER																						
TOTAL				50%						1 g					Tr.		1%	45%	4%	Tr.		

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

KIMBERLITE OR RELATED MINERALS: 0

DISTANCE ESTIMATE:

TOTAL KIMBERLITE OR RELATED MINERALS: 0

COMMENTS: background of pink and orange garnet and white and yellow amphibole. 1 flake of brown mica with red tint, possible metamorphic source. Trace red zircon fragments, several purple subhedral zircon crystal. 2 grey graphite flakes. Fragments and well-preserved subhedral crystals of rutile. No minerals of interest.

SIGNED BY:  Apr 14/04

ROBERT J. DILLMAN ARJADEE PROSPECTING

SAMPLE NUMBER: HMC-14-3

DATE OF SUBMISSION: OCTOBER, 15, 2003

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 83.4 grams

SIZE FRACTION: <1.0 mm

MAGNETIC FRACTION: 0 grams
 NONMAGNETIC FRACTION: 83.4 grams
 TOTAL 83.4 grams

COARSE OR FINER FRACTION AVAILABLE?: NO

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 83.4 grams

DATE: March 9, 2004

NUMBER GRAINS SUBMITTED FOR ANALYSES: 0

ELECTRON MICROPROBE: CF MINERAL RESEARCH LTD.

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		2 g?		25%																20%	
PINK				35%																	
BROWN																					
BLACK															Tr.		Tr.	Tr.			
GREY																					
Br. GREEN						1 g															
Dk. GREEN																					
YELLOW																					
WHITE																				15%	
CLEAR																					
SILVER																					
TOTAL		2 g?		60%		1 g									Tr.		Tr.	15%	20%		

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

KIMBERLITE OR RELATED MINERALS: 0

DISTANCE ESTIMATE:

TOTAL KIMBERLITE OR RELATED MINERALS: 1 g

COMMENTS: abundant orange and pink garnet, orange sphene, white amphibole and clear to yellow sillimanite. Small round edged fragments of magnetite. Several small <0.5 mm anhedral to subhedral slightly worn rutile crystals. 1 metallic 0.5 mm black with tarnish peacock blue and malachite, possible bornite. Several dark orange garnet fragments which could be eclogite.

SIGNED BY:



ROBERT J. DILLMAN ARJADEE PROSPECTING

SAMPLE NUMBER: HMC-15-3

DATE OF SUBMISSION: OCTOBER, 15, 2003

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 68.1 grams

SIZE FRACTION: <1.0 mm

MAGNETIC FRACTION: 0 grams
 NONMAGNETIC FRACTION: 68.1 grams
 TOTAL 68.1 grams

COARSE OR FINER FRACTION AVAILABLE?: NO

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 68.1 grams

DATE: March 13, 2004

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: CF MINERAL RESEARCH LTD.

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLIVINE	MICA		OPAQUES					OTHER	SPHENE	ZIR	CORUN.		
	PYROPE	ECLOGITE	ANDRADITE	ALMD	Cr DIOP	Cr CPX	ENSTATITE	AUGITE	OLIVINE	PHLOGO	BIOTITE	CHROMITE	Mg ILMENITE	PEROV	MAG	PYRITE	RUTILE				AMPHI.	
PURPLE																					5 g	
LILAC																						
RED																						
ORANGE				25%																Tr.		?
PINK				30%																		?
BROWN											3 g					?						
BLACK																						
GREY																8 g						
Br. GREEN																						
Dk. GREEN																						
YELLOW																			20%			
WHITE																			15%			
CLEAR																					Tr.	
SILVER																						
TOTAL				55%							3 g					8 g			35%	Tr.	Tr.	?

Tr. : Trace (<1%)

g : grains

KIMBERLITE OR RELATED MINERALS: 0

DISTANCE ESTIMATE:

graphite bearing-sulphide gossan zone very close to sample site.

TOTAL KIMBERLITE OR RELATED MINERALS: 0

COMMENTS: abundant bronze coloured gossan grains, some with white creamy translucent core, abundant black shapeless, large graphite grains few flakes, many grains of fine graphite in composite with grey quartz and white calcite. Fresh pink garnet from immediate source, some with inclusions of graphite and rutile. Coarse grey pyrite with yellow tarnish from immediate source. Purple zircon source. Several brown biotite, partial books. Some orange and pink garnet could be corundum or zircon.

SIGNED BY:

Robert J. Dillman 4/5/04

ROBERT J. DILLMAN ARJADEE PROSPECTING

SAMPLE NUMBER: HMC-16-3

DATE OF SUBMISSION: OCTOBER 15, 2003

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 46.6 grams

SIZE FRACTION: <1.0 mm

MAGNETIC FRACTION: 0 grams
NONMAGNETIC FRACTION: 46.6 grams
TOTAL 46.6 grams

COARSE OR FINER FRACTION AVAILABLE?: NO

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 46.6 grams

DATE: March 24, 2004

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: CF MINERAL RESEARCH LTD.

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	AMPHI.	SPHENE			
PURPLE																						
LILAC																						
RED																						Tr.
ORANGE				20%																	10%	
PINK				30%																		5%
BROWN											1 g											
BLACK															3 g		Tr.					
GREY																						
Br. GREEN						3 g																
Dk. GREEN																						
YELLOW																				20%		
WHITE																				15%		
CLEAR																						
SILVER																						
TOTAL				50%		3 g					1 g				3 g		Tr.		35%	10%	5%	

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

KIMBERLITE OR RELATED MINERALS: ?

DISTANCE ESTIMATE: pink zircon source close to site.

TOTAL KIMBERLITE OR RELATED MINERALS: 7 g

COMMENTS: fresh pink zircon or garnet fragments from local source. 3 small fragments of green clinopyroxene. 1 biotite flake. 3 small fragments of magnetite. No obvious kimberlite or aillikite minerals.

SIGNED BY:

ROBERT J. DILLMAN ARJADEE PROSPECTING

SAMPLE NUMBER: HMC-17-3

DATE OF SUBMISSION: OCTOBER, 15, 2003

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 80.3 grams

SIZE FRACTION: <1.0 mm

MAGNETIC FRACTION: 0 grams
 NONMAGNETIC FRACTION: 80.3 grams
 TOTAL 80.3 grams

COARSE OR FINER FRACTION AVAILABLE?: NO

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 80.3 grams

DATE: March 15, 2004

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: CF MINERAL RESEARCH LTD.

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	AMPHI.	SPHENE			
PURPLE																					3 g	
LILAC																						
RED																						
ORANGE		Tr.?		35%																	5%	
PINK				45%																		4 g?
BROWN											1 g											
BLACK																	Tr.					
GREY																						
Br. GREEN																						
Dk. GREEN											1 g											
YELLOW																						
WHITE																					10%	
CLEAR																					5%	Tr.
SILVER																						
TOTAL		Tr.?		80%							1 g	1 g					Tr.	15%	5%	Tr.	4 g?	

Tr. : Trace (<1%)

g : grains

KIMBERLITE OR RELATED MINERALS: 2g?

DISTANCE ESTIMATE: mica source in area.

TOTAL KIMBERLITE OR RELATED MINERALS: Tr.

COMMENTS: 1 silver-green zoned phlogopite, section of pellet-shaped book, 1 brown biotite fine-grained cluster grain, aillikite source. Traces of dark of almandine which could be eclogite. Several soft-pink corundum? with rutile inclusions.

SIGNED BY:



ROBERT J. DILLMAN ARJADEE PROSPECTING

SAMPLE NUMBER: HMC-18-3

DATE OF SUBMISSION: OCTOBER 15, 2003

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 66.3 grams

SIZE FRACTION: <1.0 mm

MAGNETIC FRACTION: 0 grams
 NONMAGNETIC FRACTION: 66.3 grams
 TOTAL 66.3 grams

COARSE OR FINER FRACTION AVAILABLE?: NO

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 66.3 grams

DATE: March 24, 2004

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: CF MINERAL RESEARCH LTD.

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				15%															10%	5%	?
PINK				15%																5%	?
BROWN											Tr.										
BLACK															Tr.			Tr.			
GREY																					
Br. GREEN																		Tr.			
Dk. GREEN																					
YELLOW																		20%			
WHITE																		15%			
CLEAR																		?		10%	
SILVER																					
TOTAL				30%						Tr.					Tr.			35%	10%	20%	?

Tr. : Trace (<1%)

g : grains

KIMBERLITE OR RELATED MINERALS: ?

TOTAL KIMBERLITE OR RELATED MINERALS: Tr.

DISTANCE ESTIMATE: graphite source very close to sample site. Magnetite brown mica, zircon sources in area. Purple zircon source very close to samples site.

COMMENTS: +1 mm magnetite fragments. 5% graphite, many in composite with quartz, pink and orange zircon?, garnet or corundum. Well-preserved euhedral purple-brown zircon, possible pink and orange fragments, abundant clear-colourless zircon fragments some could be sillimanite. Traces of light green amphibole? from local source. Flakes and cluster-grains of brown biotite some with red-tinge. Magnetite and some mica could be from aillikite or kimberlite source. No obvious kimberlite minerals.

SIGNED BY:



ROBERT J. DILLMAN ARJADEE PROSPECTING

SAMPLE NUMBER: HMC-19-3

DATE OF SUBMISSION: OCTOBER, 15, 2003

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 80.8 grams

SIZE FRACTION: <1.0 mm

MAGNETIC FRACTION: 0 grams
 NONMAGNETIC FRACTION: 80.8 grams
 TOTAL 80.8 grams

COARSE OR FINER FRACTION AVAILABLE?: NO

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 80.8 grams

DATE: March 9, 2004

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: CF MINERAL RESEARCH LTD.

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLVINE	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																					2%	
LILAC																					2%	
RED																					2%	
ORANGE		3 g?		10%																5%	Tr.	
PINK				30%																		?
BROWN			20 g											Tr.?								
BLACK															5%		Tr.	10%				
GREY																						
Br. GREEN					2 g																	
Dk. GREEN							5 g															
YELLOW																						
WHITE																		10%				
CLEAR																					Tr.	
SILVER																						
TOTAL		3 g?	20 g	40%	2 g		5 g							Tr.?	5%		Tr.	20%	5%	5%	?	

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

KIMBERLITE OR RELATED MINERALS: 22 g andradite, Cr diopside

TOTAL KIMBERLITE OR RELATED MINERALS: 5% magnetite

DISTANCE ESTIMATE:

purple, red and orange zircon source very close to sample site. Graphite source close to site. Andradite source (aillikite) + chrome diopside source close to site.

COMMENTS: 2 chrome diopside, 1 angular fragment <0.4 mm, 1 pellet, 0.4 mm diameter. Dark brown to black fragments and moderately well preserved euhedral to subhedral crystals of andradite? garnet, several +1.0 mm grains, some could be perovskite. Well-preserved euhedral zircon crystal, orange, red, purple crystals. Abundant magnetite grains, many <0.3 mm in size shapeless fragments, some +0.5 mm grains. Occasional graphite flake, some in composite with clear to cloudy sillimanite. Abundant pink garnet, several dark orange fragments could be eclogite.

SIGNED BY:



ROBERT J. DILLMAN ARJADEE PROSPECTING

SAMPLE NUMBER: HMC-20-3

DATE OF SUBMISSION: OCTOBER, 15, 2003

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 40.5 grams

SIZE FRACTION: <1.0 mm

MAGNETIC FRACTION: 0 grams
 NONMAGNETIC FRACTION: 40.5 grams
 TOTAL 40.5 grams

COARSE OR FINER FRACTION AVAILABLE?: NO

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 40.5 grams

DATE: March 15, 2004

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: CF MINERAL RESEARCH LTD.

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				10%																Tr.		
PINK				15%																		
BROWN																						
BLACK															3 g				Tr.			
GREY																						
Br. GREEN																						
Dk. GREEN																						
YELLOW																						25%
WHITE																						25%
CLEAR																						10%
SILVER																						
TOTAL				25%											3 g				60%	Tr.		

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

KIMBERLITE OR RELATED MINERALS: 0

DISTANCE ESTIMATE: sample site on graphite source.

TOTAL KIMBERLITE OR RELATED MINERALS: 0

COMMENTS: 15% flakes of graphite, many in composite with white and yellow amphibole, some in composite with calcite. 3 black magnetite or ilmenite grains. No kimberlite minerals.

SIGNED BY:



ROBERT J. DILLMAN ARJADEE PROSPECTING

SAMPLE NUMBER: HMC-21-3

DATE OF SUBMISSION: OCTOBER, 15, 2003

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 73.8 grams

SIZE FRACTION: <1.0 mm

MAGNETIC FRACTION: 0 grams
 NONMAGNETIC FRACTION: 73.8 grams
 TOTAL 73.8 grams

COARSE OR FINER FRACTION AVAILABLE?: NO

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 73.8 grams

DATE: March 10, 2004

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: CF MINERAL RESEARCH LTD.

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																				20%	10%?	
ORANGE				10%															5%	?	10%?	
PINK				15%																		
BROWN											1 g					1 g			Tr.			
BLACK															Tr.		Tr.	20%				
GREY																						
Br. GREEN						1 g																
Dk. GREEN							6 g															
YELLOW																						
WHITE																		10%				
CLEAR																				Tr.		
SILVER																						
TOTAL				25%		1 g	6 g				1 g				Tr.	1 g	Tr.	30%	5%	20%	20%	

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

KIMBERLITE OR RELATED MINERALS: 0

DISTANCE ESTIMATE: enstatite source close to site.

TOTAL KIMBERLITE OR RELATED MINERALS: ??

COMMENTS: well-preserved fragments of dark green enstatite subhedral crystals and fragments. 1 light green clinopyroxene pellet 0.3 mm diameter. Abundant pink and orange garnet and potential corundum. Abundant black amphibole and white, some with small intergrowths of graphite. Ragged shapeless magnetite grains, some shiny black grains could be rutile. Abundant red zircon fragments, some could be almandine. 1 brown biotite flake <0.5 mm diameter. 1 brown well-preserved pyrite cube. No obvious mantle fragments other than enstatite, some could be metamorphic.

SIGNED BY:

ROBERT J. DILLMAN ARJADEE PROSPECTING

SAMPLE NUMBER: HMC-22-3

DATE OF SUBMISSION: OCTOBER, 15, 2003

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 88.8 grams

SIZE FRACTION: <1.0 mm

MAGNETIC FRACTION: 0 grams
 NONMAGNETIC FRACTION: 88.8 grams
 TOTAL 88.8 grams

COARSE OR FINER FRACTION AVAILABLE?: NO

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 88.8 grams

DATE: March 10, 2004

NUMBER GRAINS SUBMITTED FOR ANALYSES: 0

ELECTRON MICROPROBE: CF MINERAL RESEARCH LTD.

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				15%																10%		
PINK				35%																		
BROWN																						
BLACK															Tr.		Tr.	Tr.				
GREY																		Tr.				
Br. GREEN						2 g																
Dk. GREEN																						
YELLOW																			20%			
WHITE																			20%			
CLEAR																						
SILVER																						
TOTAL				50%		2 g									Tr.		Tr.	40%	10%			

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

KIMBERLITE OR RELATED MINERALS: 0

DISTANCE ESTIMATE:

TOTAL KIMBERLITE OR RELATED MINERALS: 2 g

COMMENTS: 2 small light green clinopyroxene fragments. Rounded black magnetite grains of various sizes. Abundant pink garnet, orange sphene and light yellow and white amphibole. Traces of orange greasy opaque silicate, unknown mineral. Traces of black rutile several fragments of crystals. Trace grey amphibole? new mineral in area. No obvious kimberlite minerals.

SIGNED BY:  Apr 14/04
 ROBERT J. DILLMAN ARJADEE PROSPECTING

SAMPLE NUMBER: HMC-23-3

DATE OF SUBMISSION: OCTOBER, 15, 2003

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 84 grams

SIZE FRACTION: <1.0 mm

MAGNETIC FRACTION: 0 grams
 NONMAGNETIC FRACTION: 84 grams
 TOTAL 84 grams

COARSE OR FINER FRACTION AVAILABLE?: NO

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 84 grams

DATE: March 15, 2004

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: CF MINERAL RESEARCH LTD.

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																					3 g	
LILAC																						
RED																						
ORANGE		Tr.?		20%															5%	?	10%	
PINK				20%																?	10%	
BROWN											1%											
BLACK									?								Tr.	Tr.				
GREY																Tr.						
Br. GREEN						3 g																
Dk. GREEN							2 g															
YELLOW																			20%			
WHITE																			15%			
CLEAR																					Tr.	
SILVER																						
TOTAL		Tr.?		40%		3 g	2 g		?		1%					Tr.	Tr.	35%	5%	Tr.	20%	

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

KIMBERLITE OR RELATED MINERALS: 20%

TOTAL KIMBERLITE OR RELATED MINERALS: 20%

DISTANCE ESTIMATE: immediate source for potential pink and orange corundum bearing aillikite. Possibly graphite and sulphide bearing. Pink zircon source.

COMMENTS: abundant brown mica, many cluster-grains or aillikite rock fragments. Abundant soft-pink corundum many with inclusions of graphite or rutile, abundant orange corundum?, orange sphene and possibly orange garnet. Dark orange garnet could be eclogite. Abundant pellet-shaped grains of black serpentine??, some are graphite. Several green glassy grains which could be Na cpx or amphibole. Traces of grey pyrite fragments, yellow tarnish. Trace of rusty gossan grains similar to HMC-15-3. Eclogite minerals in sample.

SIGNED BY:



ROBERT J. DILLMAN ARJADEE PROSPECTING

SAMPLE NUMBER: HMC-24-3

DATE OF SUBMISSION: OCTOBER, 15, 2003

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 79.1 grams

SIZE FRACTION: <1.0 mm

MAGNETIC FRACTION: 0 grams
 NONMAGNETIC FRACTION: 79.1 grams
 TOTAL 79.1 grams

COARSE OR FINER FRACTION AVAILABLE?: NO

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 79.1 grams

DATE: March 14, 2004

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: CF MINERAL RESEARCH LTD.

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																					1 g	
LILAC																						
RED																						
ORANGE				25%																	10%	
PINK				45%																		
BROWN											Tr.										Tr.	
BLACK																	Tr.	Tr.				
GREY																						
Br. GREEN																						
Dk. GREEN																						
YELLOW																						15%
WHITE																						5%
CLEAR																						Tr.
SILVER																						
TOTAL				70%							Tr.						Tr.	20%	10%	Tr.		

Tr. : Trace (<1%)

g : grains

KIMBERLITE OR RELATED MINERALS: 0

TOTAL KIMBERLITE OR RELATED MINERALS: Tr.

DISTANCE ESTIMATE:

mica source in area. Graphite source very close to sample site.

COMMENTS: occasional graphite flake and many composite grains of graphite-quartz, graphite-orange sphene, graphite-yellow amphibole. Traces of red-black rutile and black rutile, some in composite with orange sphene. Traces of brown biotite, weakly zoned, some +2 mm flakes, some could be from aillikite. Trace of brown amphibole from close source. Trace gossan grains as in HMC-15-3.

SIGNED BY:



Apr 14/04

ROBERT J. DILLMAN ARJADEE PROSPECTING

SAMPLE NUMBER: HMC-25-3

DATE OF SUBMISSION: OCTOBER 15, 2003

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 84.6 grams

SIZE FRACTION: <1.0 mm

MAGNETIC FRACTION: 0 grams
 NONMAGNETIC FRACTION: 84.6 grams
 TOTAL 84.6 grams

COARSE OR FINER FRACTION AVAILABLE?: NO

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 84.6 grams

DATE: March 17, 2004

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: CF MINERAL RESEARCH LTD.

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	AMPHI.	SPHENE			
PURPLE																						
LILAC																						
RED																					Tr.	
ORANGE				35%																10%		
PINK				45%																		
BROWN											4 g					1 g						
BLACK																	5%	Tr.				
GREY																						
Br. GREEN													1 g									
Dk. GREEN																						
YELLOW																				3%		
WHITE																				2%		
CLEAR																				5%		Tr.
SILVER																						
TOTAL				80%			1 g	2 g			4 g					1 g	5%	10%	10%		Tr.	

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

KIMBERLITE OR RELATED MINERALS: 0

TOTAL KIMBERLITE OR RELATED MINERALS: 7 g

DISTANCE ESTIMATE: rutile - orange sphene source very close to sample site.

COMMENTS: abundant rutile grains ranging from fragments >1.0 mm some with quartz or orange sphene composite, abundant subhedral to anhedral round-edged crystals <0.5 mm. Brown mica flakes and cluster-grains could be metamorphic or dyke sourced. Small worn green enstatite. 1 worn green clinopyroxene. 1 brown pyrite cube with rounded corners 1.1 mm. No obvious kimberlite minerals.

SIGNED BY:  Apr 14/04
 ROBERT J. DILLMAN ARJADEE PROSPECTING

SAMPLE NUMBER: HMC-26-3

DATE OF SUBMISSION: OCTOBER, 15, 2003

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 63.1 grams

SIZE FRACTION: <1.0 mm

MAGNETIC FRACTION: 0 grams
 NONMAGNETIC FRACTION: 63.1 grams
 TOTAL 63.1 grams

COARSE OR FINER FRACTION AVAILABLE?: NO

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 63.1 grams

DATE: March 13, 2004

NUMBER GRAINS SUBMITTED FOR ANALYSES: 0

ELECTRON MICROPROBE: CF MINERAL RESEARCH LTD.

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																					
LILAC																					
RED				?														5%		15%	
ORANGE				20%																	
PINK				20%																	
BROWN																					
BLACK																	Tr.				
GREY																					
Br. GREEN																					
Dk. GREEN							3 g														
YELLOW																					20%
WHITE																					20%
CLEAR																					
SILVER																					
TOTAL				40%			3 g										Tr.	45%		15%	

Tr. : Trace (<1%)

g : grains

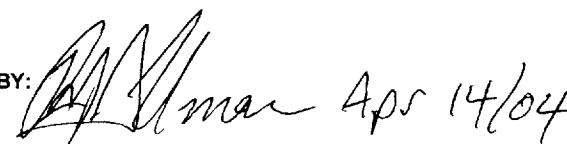
KIMBERLITE OR RELATED MINERALS: 0

DISTANCE ESTIMATE: graphite source close to sample site.

TOTAL KIMBERLITE OR RELATED MINERALS: 0

COMMENTS: abundant amphibole composites representing local bedrock sources, many in composite with white and black amphibole, quartz, red zircon, rutile, fine graphite. Occasional graphite flake. Fresh pink and orange garnet. Rare metallic grains. Olive green potential enstatite or amphibole with schiller effect, very local source. No obvious kimberlite minerals.

SIGNED BY:



ROBERT J. DILLMAN ARJADEE PROSPECTING

SAMPLE NUMBER: HMC-27-3

DATE OF SUBMISSION: OCTOBER 15, 2003

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 63.5 grams

SIZE FRACTION: <1.0 mm

MAGNETIC FRACTION: 0 grams
NONMAGNETIC FRACTION: 63.5 grams
TOTAL 63.5 grams

COARSE OR FINER FRACTION AVAILABLE?: NO

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 63.5 grams

DATE: March 22, 2004

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: CF MINERAL RESEARCH LTD.

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	1 g																					
RED																					5%	
ORANGE		2 g?		2%															Tr.			
PINK				3%																	Tr.	
BROWN											2 g										5%	Tr.
BLACK															Tr.						55%	
GREY																						
Br. GREEN										15 g												
Dk. GREEN								7 g														
YELLOW																						10%
WHITE																						10%
CLEAR																						10%
SILVER																						
TOTAL	1 g	2 g?		5%		15 g	7 g				2 g				Tr.						90%	Tr. 5%

Tr. : Trace (<1%)

g : grains

KIMBERLITE OR RELATED MINERALS: Yes

DISTANCE ESTIMATE:

TOTAL KIMBERLITE OR RELATED MINERALS: 23 g

COMMENTS: 1 lilac coloured pyrope fragment 0.5 mm. Green clinopyroxene possible Na-cpx eclogite Abundant amphibole, various colours locally derived. 2 brown biotite flakes possibly from aillikite source. Several shades of orange garnet. some could be eclogite. Trace black magnetite, shapeless fragments. Semi-thick clay coating on most grains 5% unidentifiable.

SIGNED BY:

ROBERT J. DILLMAN ARJADEE PROSPECTING

SAMPLE NUMBER: HMC-28-3

DATE OF SUBMISSION: OCTOBER 15, 2003

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 59.3 grams

SIZE FRACTION: <1.0 mm

MAGNETIC FRACTION: 0 grams
 NONMAGNETIC FRACTION: 59.3 grams
 TOTAL 59.3 grams

COARSE OR FINER FRACTION AVAILABLE?: NO

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 59.3 grams

DATE: March 18, 2004

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: CF MINERAL RESEARCH LTD.

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	AMPH.	SPHENE	ZIR	CORUN.	
PURPLE																						
LILAC																						
RED																						
ORANGE				Tr.																		
PINK				Tr.																		
BROWN										Tr.	Tr.											
BLACK																						50%
GREY																						
Br. GREEN						5 g																Tr.
Dk. GREEN							5 g															
YELLOW																						
WHITE																						30%
CLEAR																						20%
SILVER																						
TOTAL				Tr.		5 g	5 g			Tr.	Tr.											100%

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

KIMBERLITE OR RELATED MINERALS: Yes

DISTANCE ESTIMATE: phlogopite mica source close to sample site.

TOTAL KIMBERLITE OR RELATED MINERALS: Tr.

COMMENTS: trace of light brown phlogopite mica from aillikite/kimberlite source, flakes and partially preserved books <1 mm in diameter. Traces of brown biotite, possibly metamorphic. Green clinopyroxene fragments and dark green enstatite, some could be amphibole. Rare garnet, no metallics. Fragments of eroded yellow sphene similar to sphene found close to Champagne Complex.

SIGNED BY:  Apr 14/04
 ROBERT J. DILLMAN ARJADEE PROSPECTING

SAMPLE NUMBER: HMC-29-3

DATE OF SUBMISSION: OCTOBER 15, 2003

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 79.3 grams

SIZE FRACTION: <1.0 mm

MAGNETIC FRACTION: 0 grams
 NONMAGNETIC FRACTION: 79.3 grams
 TOTAL 79.3 grams

COARSE OR FINER FRACTION AVAILABLE?: NO

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 79.3 grams

DATE: March 22, 2004

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: CF MINERAL RESEARCH LTD.

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																					2 g	
LILAC	4 g																					
RED																						
ORANGE		2 g?		Tr.																	Tr.	
PINK				Tr.																	Tr.	
BROWN																						5%
BLACK															15%							30%
GREY																						
Br. GREEN						Tr.																Tr.
Dk. GREEN							Tr.															
YELLOW																						Tr.
WHITE																						35%
CLEAR																						15%
SILVER																						
TOTAL	4 g	2 g?		Tr.		Tr.	Tr.								15%							85%

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


KIMBERLITE OR RELATED MINERALS: Yes

TOTAL KIMBERLITE OR RELATED MINERALS: 15%?

DISTANCE ESTIMATE: magnetite source(s) very close to sample site.
 Green clinopyroxene, enstatite, pyrope source close to site.

COMMENTS: abundant black magnetite grains ranging from shapeless fragments to well-preserved octahedral crystals to fragments of pellets and well-preserved pellets. Some crystals and fragments have quartz or amphibole composites possible metamorphic, some pellets have well-preserved reaction rim. 4 fresh fragments of lilac pyrope, several dark orange eclogite?, rare garnet. Fragments of clear pink and orange zircon. Abundant dark green enstatite and lesser clinopyroxene, some composites with quartz or amphibole, metamorphic, some could be eclogite.

SIGNED BY:



Apr 14/04

ROBERT J. DILLMAN ARJADEE PROSPECTING

SAMPLE NUMBER: HMC-30-3

DATE OF SUBMISSION: OCTOBER 15, 2003

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 138.3 grams

SIZE FRACTION: <1.0 mm

MAGNETIC FRACTION: 0 grams
 NONMAGNETIC FRACTION: 138.3 grams
 TOTAL 138.3 grams

COARSE OR FINER FRACTION AVAILABLE?: NO

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 138.3 grams

DATE: March 21, 2004

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: CF MINERAL RESEARCH LTD.

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				1%																		
PINK				4%																		
BROWN											3 g	7 g									Tr.	
BLACK															Tr.						50%	
GREY																						
Br. GREEN						8 g					1 g											
Dk. GREEN							5 g															
YELLOW																						
WHITE																						40%
CLEAR																						5%
SILVER																						
TOTAL				5%		8 g	5 g				4 g	7 g			Tr.							90%

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

KIMBERLITE OR RELATED MINERALS: Yes?

DISTANCE ESTIMATE: magnetite source close to sample site. Black amphibole source very close to site.

TOTAL KIMBERLITE OR RELATED MINERALS: Tr.

COMMENTS: fragments of black magnetite, some +1 mm grains, some are fragments of pellets with some preservation of outer rim, aillikite/kimberlite source. Several light brown and 1 silver-green phlogopite. Square fragments of green clinopyroxene, some could be Na cpx, some could be amphibole, 1 grain in composite with light brown amphibole. Rare garnet, increase in magnetite.

SIGNED BY:  Apr 14/04
 ROBERT J. DILLMAN ARJADEE PROSPECTING

SAMPLE NUMBER: HMC-31-3

DATE OF SUBMISSION: OCTOBER 15, 2003

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 76.1 grams

SIZE FRACTION: <1.0 mm

MAGNETIC FRACTION: 0 grams
 NONMAGNETIC FRACTION: 76.1 grams
 TOTAL 76.1 grams

COARSE OR FINER FRACTION AVAILABLE?: NO

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 76.1 grams

DATE: March 20, 2004

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: CF MINERAL RESEARCH LTD.

SUBMISSION DATE:

COLOUR	GARNET				PYROXENE				OLIVINE	MICA		OPAQUES						OTHER				
	PYROPE	ECLOGITE	ANDRADITE	ALMD	Cr DKOP	Cr CPX	ENSTATITE	AUGITE	OLIVINE	PHLOGO	BIOTITE	CHROMITE	Mg ILMENITE	PEROV	MAG	PYRITE	RUTILE	AMPHI.	SPHENE	ZIR	CORUN.	
PURPLE																						
LILAC	1 g																					
RED																						5%
ORANGE		?		5%																		5%
PINK				10%																		?
BROWN																						10%
BLACK															Tr.							25%
GREY																						
Br. GREEN						Tr.																
Dk. GREEN							2 g															
YELLOW																						20%
WHITE																						20%
CLEAR																						
SILVER																						
TOTAL	1 g	?		15%		Tr.	2 g								Tr.							75%

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


KIMBERLITE OR RELATED MINERALS: Yes

TOTAL KIMBERLITE OR RELATED MINERALS: 1 g

DISTANCE ESTIMATE: black amphibole - orange sphene source very close to sample site. Green clinopyroxene source close to site. Red zircon source close to site.

COMMENTS: 1 lilac coloured pyrope fragment <0.8 mm. Traces of green glassy clinopyroxene, could be Na cpx (eclogite), shapeless fragments and chipped pellets or rounded grains. Traces of black amphibole -orange sphene composites, sphene very small crystals <0.4 mm. Rare metallic traces of shiny black magnetite, most <0.4 mm. Several shades of orange garnet, some clear -inclusion free orange and pink which could be zircon. Abundant shapeless grains and fragments of red zircon many with black inclusions of amphibole? possible rutile, source close.

SIGNED BY:



Apr 12/04

ROBERT J. DILLMAN ARJADEE PROSPECTING

SAMPLE NUMBER: HMC-32-3

DATE OF SUBMISSION: OCTOBER 15, 2003

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 54 grams

SIZE FRACTION: <1.0 mm

MAGNETIC FRACTION: 0 grams
NONMAGNETIC FRACTION: 54 grams
TOTAL 54 grams

COARSE OR FINER FRACTION AVAILABLE?: NO

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 54 grams

DATE: March 21, 2004

NUMBER GRAINS SUBMITTED FOR ANALYSES: 0

ELECTRON MICROPROBE: CF MINERAL RESEARCH LTD.

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 ILMENTE	PEROV	MAG	PYRITE	RUTILE	AMPHI.	SPHENE				
PURPLE																							
LILAC																							
RED																						Tr.	
ORANGE				Tr.																			
PINK																							
BROWN																							
BLACK																						65%	
GREY																							
Br. GREEN																							
Dk. GREEN																							
YELLOW																						Tr.	
WHITE																						30%	
CLEAR																						5%	
SILVER																							
TOTAL				Tr.																		100%	Tr.

Tr. : Trace (<1%)

g : grains


KIMBERLITE OR RELATED MINERALS: No

DISTANCE ESTIMATE:

TOTAL KIMBERLITE OR RELATED MINERALS: 0

COMMENTS: rare garnet, rare metallic grains. Abundant black amphibole, many in composite with brown mica and quartz or clear amphibole. Worn fragments of red zircon. Small worn fragments of green clinopyroxene. No minerals of interest.

SIGNED BY:

 Apr 14/04

ROBERT J. DILLMAN ARJADEE PROSPECTING

SAMPLE NUMBER: 90931

DATE OF SUBMISSION: OCTOBER 15, 2003

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 38.3 grams

SIZE FRACTION: <1.0 mm

MAGNETIC FRACTION: 0 grams
NONMAGNETIC FRACTION: 38.1 grams
TOTAL 38.1 grams

COARSE OR FINER FRACTION AVAILABLE?: NO

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 38.1 grams

DATE: March 25, 2004

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: CF MINERAL RESEARCH LTD.

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 ILMENTE	PEROV	MAG	PYRITE	RUTILE	AMPHL			SPHENE
PURPLE																				4 g	
LILAC																					
RED																					
ORANGE		?		30%																10%	
PINK				25%																	
BROWN											1 g									15%	
BLACK															Tr.					5%	
GREY																					
Br. GREEN					1 g?	Tr.															
Dk. GREEN																					
YELLOW																				15%	
WHITE																					
CLEAR																				Tr.	?
SILVER																					
TOTAL		?		55%	1 g?	Tr.					1 g				Tr.				35%	10%	4 g

Tr. : Trace (<1%)

g : grains

KIMBERLITE OR RELATED MINERALS: Yes?

DISTANCE ESTIMATE: brown amphibole, garnet source close to site.

TOTAL KIMBERLITE OR RELATED MINERALS: Tr.

COMMENTS: small fragments of green clinopyroxene some with slight blue tint could be eclogite Na cpx. 1 very small pellet 0.2 mm could be chrome diopside. Abundant garnet some dark orange could be eclogite. Increase in brown amphibole from local source, some in composite with large orange and pink garnet some +2 mm grains. Granular rock fragments of pellet shaped grains ranging clear-colourless, orange sphene, black rutile, orange garnet could be sandstone. Small shapeless grains of magnetite.

SIGNED BY:

Robert J. Dillman Apr 14/04

ROBERT J. DILLMAN ARJADEE PROSPECTING

SAMPLE NUMBER: 90932

DATE OF SUBMISSION: OCTOBER 15, 2003

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 201 grams

SIZE FRACTION: <1.0 mm

MAGNETIC FRACTION: 0 grams
NONMAGNETIC FRACTION: 201 grams
TOTAL 201 grams

COARSE OR FINER FRACTION AVAILABLE?: NO

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 58.5 grams

DATE: March 25, 2004

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: CF MINERAL RESEARCH LTD.

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																						
ORANGE				50%																	10%	
PINK				40%																		
BROWN																						Tr.
BLACK															Tr.		Tr.	Tr.				
GREY																						
Br. GREEN																						
Dk. GREEN																						
YELLOW																						
WHITE																						
CLEAR																						
SILVER																						
TOTAL				90%											Tr.		Tr.	Tr.	10%	3 g		

Tr. : Trace (<1%)

g : grains

KIMBERLITE OR RELATED MINERALS: No

DISTANCE ESTIMATE:

TOTAL KIMBERLITE OR RELATED MINERALS: 0?

COMMENTS: small fragments of magnetite, some could be from kimberlite/aillikite. Fragments of rutile. Several dark orange garnet are remotely eclogite. 3 subhedral purple zircon crystals <0.8 mm. Sample is dominated by metamorphic almandine garnet and sphene. No obvious minerals of interest.

SIGNED BY:

ROBERT J. DILLMAN ARJADEE PROSPECTING

SAMPLE NUMBER: 90933

DATE OF SUBMISSION: OCTOBER 15, 2003

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 76.2 grams

SIZE FRACTION: <1.0 mm

MAGNETIC FRACTION: 0 grams
 NONMAGNETIC FRACTION: 76.2 grams
 TOTAL 76.2 grams

COARSE OR FINER FRACTION AVAILABLE?: NO

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 76.2 grams

DATE: March 28, 2004

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: CF MINERAL RESEARCH LTD.

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	AMPHI.	SPHENE			
PURPLE																					4 g	
LILAC																						
RED																						
ORANGE				45%																	10%	
PINK				45%																		
BROWN																						
BLACK															Tr.		Tr.	Tr.				
GREY																						
Br. GREEN																						
Dk. GREEN																						
YELLOW																						
WHITE																						
CLEAR																						
SILVER																						
TOTAL				90%											Tr.		Tr.	Tr.		10%	4 g	

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

KIMBERLITE OR RELATED MINERALS: ?

DISTANCE ESTIMATE:

TOTAL KIMBERLITE OR RELATED MINERALS: Tr.

COMMENTS: abundant orange and pink almandine garnet. Traces of black amphibole, rutile and magnetite. Most magnetite are small fragments, 1 grain is a fragment of a pellet which could be from aillikite or kimberlite.

SIGNED BY:  Apr 14/04

ROBERT J. DILLMAN ARJADEE PROSPECTING

SAMPLE NUMBER: 90934

DATE OF SUBMISSION: OCTOBER 15, 2003

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 58.4 grams

SIZE FRACTION: <1.0 mm

MAGNETIC FRACTION: 0 grams
NONMAGNETIC FRACTION: 58.4 grams
TOTAL 58.4 grams

COARSE OR FINER FRACTION AVAILABLE?: NO

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 58.4 grams

DATE: March 28, 2004

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: CF MINERAL RESEARCH LTD.

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																					5 g	
LILAC																						
RED																						
ORANGE				45%																	10%	
PINK				40%																		
BROWN																					1%	
BLACK															Tr.		Tr.		4%			
GREY																						
Br. GREEN																						
Ok. GREEN																						
YELLOW																						
WHITE																				Tr.		
CLEAR																						
SILVER																						
TOTAL				85%											Tr.		Tr.		5%	10%	5 g	

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

KIMBERLITE OR RELATED MINERALS: No

DISTANCE ESTIMATE:

TOTAL KIMBERLITE OR RELATED MINERALS: 0

COMMENTS: abundant orange and pink almandine garnet. Increase in black and brown amphibole, some brown amphibole-quartz rock fragments. No obvious minerals of interest.

SIGNED BY:

ROBERT J. DILLMAN ARJADEE PROSPECTING

SAMPLE NUMBER: 90935

DATE OF SUBMISSION: OCTOBER 15, 2003

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 0.3 grams

SIZE FRACTION: <1.0 mm

MAGNETIC FRACTION: 0 grams
NONMAGNETIC FRACTION: 0.3 grams
TOTAL 0.3 grams

COARSE OR FINER FRACTION AVAILABLE?: NO

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 0.3 grams

DATE: March 28, 2004

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: CF MINERAL RESEARCH LTD.

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	AMPH.	SPHENE	ZIR	CORUN.	
PURPLE																						
LILAC																						
RED																						
ORANGE				Tr.																		
PINK																						
BROWN										80%						1 g						
BLACK															Tr.							
GREY									20%													
Br. GREEN																						
Dk. GREEN																						
YELLOW																						
WHITE																						
CLEAR																						
SILVER																						
TOTAL				Tr.					20%	80%					Tr.	1 g						

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

KIMBERLITE OR RELATED MINERALS: Yes

DISTANCE ESTIMATE: sample site on aillikite source.

TOTAL KIMBERLITE OR RELATED MINERALS: >90%

COMMENTS: abundant dark brownish green phlogopite. Abundant grey to black serpentinized olivine pellets and 1 subhedral crystal, several +1 mm macrocrysts. Traces of small black magnetite fragments. 1 fragment of euhedral brown pyrite cube. Small concentrate on source.

SIGNED BY:

ROBERT J. DILLMAN ARJADEE PROSPECTING

SAMPLE NUMBER: DL-009-3

DATE OF SUBMISSION: OCTOBER 15, 2003

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 40.1 grams

SIZE FRACTION: <1.0 mm

MAGNETIC FRACTION: 0 grams
 NONMAGNETIC FRACTION: 40.1 grams
 TOTAL 40.1 grams

COARSE OR FINER FRACTION AVAILABLE?: NO

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 40.1 grams

DATE: March 25, 2004

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: CF MINERAL RESEARCH LTD.

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				5%																		?
PINK				5%																		?
BROWN										60%						2 g		Tr.		Tr.		
BLACK			1 g					30%							Tr.	Tr.		?		Tr.		
GREY																						
Br. GREEN									3 g													
Dk. GREEN																						
YELLOW																						
WHITE																					Tr.	
CLEAR																						
SILVER																						
TOTAL			1 g	10%				30%		60%					Tr.	Tr.	2 g		Tr.		Tr.	?

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


KIMBERLITE OR RELATED MINERALS: YES

DISTANCE ESTIMATE: sample site on aillikite source.

TOTAL KIMBERLITE OR RELATED MINERALS: >90%

COMMENTS: abundant phlogopite mica ranging between flakes, books, cluster-grains and aillikite rock fragments, mica ranges in colour between light-brown, silver-green to brown green. Abundant large black subhedral-anhedral shaped crystals of augite? could be amphibole possibly associated with aillikite. Traces of small <0.5 mm magnetite fragments and perovskite fragments <0.2 mm. 1 brown andradite garnet 1.2 mm. Traces of long multi needle like brown amphibole?. Creamy-white zircon pellets <0.3 mm, pink and orange fragments could garnet or corundum.

SIGNED BY:



Apr 14/04

ROBERT J. DILLMAN ARJADEE PROSPECTING

SAMPLE NUMBER: MC-109-3

DATE OF SUBMISSION: OCTOBER 15, 2003

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 45 grams

SIZE FRACTION: <1.0 mm

MAGNETIC FRACTION: 0 grams
 NONMAGNETIC FRACTION: 45 grams
 TOTAL 45 grams

COARSE OR FINER FRACTION AVAILABLE?: NO

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 45 grams

DATE: March 27, 2004

NUMBER GRAINS SUBMITTED FOR ANALYSES:

ELECTRON MICROPROBE: CF MINERAL RESEARCH LTD.

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		?		10%																	3%?
PINK				10%																	2%?
BROWN									Tr.	20%						2 g					
BLACK														20%	Tr.						
GREY																					
Br. GREEN					9 g																
Dk. GREEN																					
YELLOW									25%											5%	
WHITE																					
CLEAR									5%												
SILVER																					
TOTAL		?		20%	9 g				30%	20%				20%	Tr.	2 g				5%	5%?

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

KIMBERLITE OR RELATED MINERALS: Yes

TOTAL KIMBERLITE OR RELATED MINERALS: >90%

DISTANCE ESTIMATE: sample site on chrome diopside-olivine-phlogopite aillikite.

COMMENTS: abundant light-brown to green phlogopite flakes and books and aillikite rock fragments. Abundant clear yellow, colourless olivine and brown serpentine nodules >1 mm. 5 brown olivine with chrome diopside inclusions. 2 chrome diopside pellets <0.5 mm. 2 chrome diopside fragments of grains +1 mm. Abundant perovskite, quantity increases with decreasing grain size. Abundant orange and pink garnet, possibly eclogite, possibly zircon or corundum. Rare metallics, mostly small magnetite, some could be chromite or ilmenite.

SIGNED BY:

[Signature] Apr 14/04

ROBERT J. DILLMAN ARJADEE PROSPECTING

SAMPLE NUMBER: ST. PIERRE N.109

DATE OF SUBMISSION: OCTOBER 15, 2003

CLIENT: DIAMOND DISCOVERIES INTERNATIONAL

TOTAL CONCENTRATE RECEIVED: 59.1 grams

SIZE FRACTION: <1.0 mm

MAGNETIC FRACTION: 0 grams
 NONMAGNETIC FRACTION: 59.1 grams
 TOTAL 59.1 grams

COARSE OR FINER FRACTION AVAILABLE?: NO

PETROLOGY BY: RJD

TOTAL CONCENTRATE EXAMINED: 59.1 grams

DATE: March 19, 2004

NUMBER GRAINS SUBMITTED FOR ANALYSES: 25 grains

ELECTRON MICROPROBE: CF MINERAL RESEARCH LTD.

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																					5 g	
LILAC																						
RED																						
ORANGE		Tr.		5%															Tr.	Tr.	5%	
PINK				15%																	10%	
BROWN									5%	5%	5%											
BLACK			?							5%				10%	5%							
GREY									5%													
Br. GREEN					10 g	1 g																
Dk. GREEN							1 g															
YELLOW									15%											10%		
WHITE																						
CLEAR									Tr.												Tr.	
SILVER																						
TOTAL		Tr.	?	20%	10 g	1 g	1 g		25%	10%	5%			10%	5%				10%	Tr.	15%	

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

KIMBERLITE OR RELATED MINERALS: Yes

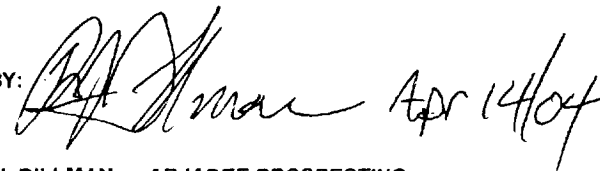
DISTANCE ESTIMATE:

TOTAL KIMBERLITE OR RELATED MINERALS: 95%

chrome diopside-olivine-perovskite-corundum-garnet bearing aillikite very close to sample site.

COMMENTS: abundant 'fresh' minerals from immediate source. Dark brown biotite, light brown silver-black, silver-green phlogopite. Clear-colourless and clear yellow olivine, grey, brown serpentine. +1.0mm fragments of chrome diopside, 1 well-preserved pellet, 6 grey to brown olivine with pellet-shaped intergrowths of chrome diopside. Abundant perovskite, increase with decreasing grain size, some larger grains could be andradite. Abundant pink garnet and potential corundum, lesser orange garnet (eclogite?) and corundum. Abundant clear-yellow sphene?, gem potential?

SIGNED BY:



ROBERT J. DILLMAN ARJADEE PROSPECTING