TILL SAMPLING on the IVANHOE PROJECT for PLATINEX INC.

SANDY, HELLYER, and CHEWETT TOWNSHIPS, PORCUPINE MINING DIVISION ONTARIO, CANADA

Prepared By:
Iain Trusler
Under the advisement of
James R. Trusler P.Eng, President
PLATINEX INC.
December 12, 2012

INDEX

LIST OF FIGURES

1.0 INTRODUCTION

This report presents the results of 13 till samples collected in late June of 2011 as preliminary exploration by Platinex Inc. on its Ivanhoe property. Sample pits were hand dug across portions of the property, some with relatively good truck access; others were only accessible by foot. Pits were dug up to 2 metres deep in order to expose locally derived till and to avoid sampling overlying outwash sands. Ten to fifteen kilograms of till were bagged at each site, and shipped to Overburden Drilling Management of Nepean, Ontario for processing. Heavy mineral concentrates for each sample were picked for gold grains. Additionally 5 samples were processed for kimberlite, PGM, and MMS indicator minerals.

The recent discovery of a gold deposit in the vicinity at Borden Lake (Murahwi, 2012) and along the same geological trend as the property has sparked staking in the area. With relatively little historic exploration, an initial till survey was needed to locate areas with high gold grain counts and other indicator minerals. Further sampling is warranted to provide more coverage of the property, including an area down ice from an historic drill hole drilled by Keevil Mining Group in 1965 in the south-central portion of the property (McLeod, 1965).

2.0 PROPERTY LOCATION AND ACCESS

The Ivanhoe property consists of 264 contiguous claim units and two claims containing 2 and 4 claim units in Sandy, Hellyer and Chewett townships, Porcupine Mining Division, District of Sudbury, Ontario. Figure 1 shows the location of the area in Ontario as well as the claim locations and numbers with respect to major topographic and cultural features of the area.

Primary access is obtained using highway 101; a paved secondary highway which lies at the northern end of the property. Highway 101 connects with the town of Timmins approximately 140 km to the northeast and the town of Chapleau 30 km to the southwest. A number of logging trails accessible by 4-wheel drive vehicle provide access to portions of the property, and boat access is possible using Hellyer Lake.

3.0 PREVIOUS WORK

Preliminary exploration was carried out in the mid 1960's on two portions of the property by Keevil Mining Group (McLeod, 1965). Geological and geophysical surveys were conducted in the northeastern and southern areas of the property. Follow up work included one drill hole targeting a magnetic and VLFEM anomaly on claim L4259619. The area has also seen regional exploration conducted for the government including geophysical and geochemical surveys.

4.0 TOPOGRAPHY

The bedrock surface forms a peneplane modified by overlying Quaternary and Recent sediments. The eastern and northern portions of the property are dominated by knobs of bedrock with moderate relief from 350 to 450 metres above sea level. Sandy till ground moraine and peat cover portions of the undulating area. Numerous lakes and rivers drain the lands well. Logging continues in the area creating many side roads that give access to portions of the property. Slightly west of the center of the property sandy outwash plains cover most of claims L4259101, 4259109, and 4259114. The western most extent of the claims is dominated by ground moraine till with generally low relief.

5.0 GEOLOGY

On a regional scale the Ivanhoe property is underlain by Early Precambrian rocks of the Kapaskasing Structural Zone. The Chapleau-Foleyet (4mile to the inch) Geological Compilation (Map 2221) by Thurston et al 1974 defines the rock units underlying the Ivanhoe property as anorthosite, anorthositic gabbro and tonalite including gneissic varieties of the Shawmere Anorthosite Complex which intrudes the generally gneissic rocks of metasedimentary, metavolcanic, and intrusive origin which have been metamorphosed to amphibolite and granulite facies. These rocks trend northeast to southwest around what appears to be an antiform plunging to the southwest in the Chapleau area and to the northeast under the Ivanhoe property.

A recent mapping initiative to the south west of the property some 20 km p. 68, 69 OFR 6235 by Atkinson et al. 2008 has revealed metamorphosed sedimentary and intrusive rocks of Temiskaming age near Chapleau. Furthermore, since 2010 drilling by Probe Mines has revealed a substantial complex Archean gold deposit at Borden Lake within the Temiskaming assemblage. This area is on strike with rocks underlying the Ivanhoe property as defined in the regional geological mapping and interpretation of the vertical derivative of the magnetic field. Although the metamorphic grades may increase in the direction of the Ivanhoe property, it may actually be at the northeastern end of a newly recognized gold belt.

6.0 TILL SAMPLING PROGRAM

6.1 LOGISTICS

The project was conducted under the supervision of Dave Jamieson, Peterborough, Ontario, from mid to late-June 2011. Sampling and processing was carried out by Robert Peever, North Bay, Ontario, with the additional help of Matthew Andrews, Onaping, Ontario.

6.2 RESULTS

The prescribed method of sampling for each hand dug pit was to obtain 12-15 kg till sample, taken from beige, relatively non-oxided till, close to or on the bedrock interface (basal till). Picking of cobbles larger than 6cm reduced shipping, handling volumes, and costs.

Samples were shipped to Overburden Drilling Management Limited for processing. All samples were processed for gold grain recovery. Five samples were processed for kimberlite, platinum group metal, and magmatic massive sulphide indicator minerals.

Gold grain counts indicated a low background in rounded gold grains, as well as locally low modified and pristine gold grain counts.

One sperrylite grain was noted in a sample near the southwestern shore of Hellyer lake on claim L4259104.

The full set of results from Overburden Drilling Management are reported in appendix II. The sample locations in NAD 83 zone 17 UTM northings and eastings and sample descriptions are presented in appendix I, A map showing the till sample locations relative to topography is displayed on page 8.

7.0 CONCLUSIONS AND RECOMMENDATIONS

This till sampling program tested an area which has been only sampled on a reconnaissance basis previously. Prior to the Borden Lake discovery there had been a generally held belief that the Kapuskasing Structural Zone would be an unlikely host for significant or commercial scale gold deposits. Generally low gold grain counts in tills in the area (0-1 grain per 10Kg) had tended to reinforce that view. The current test program of till sampling obtained significantly better results than the regional background averages. The thirteen samples on average contained 2.4 grains per 10 Kg (normalized) with a high of 6 grains in two samples. Pristine gold grains were evident in samples with up to 5.2 grains per 10 Kg (normalized).

Additional more detailed till sampling, as well as soil geochemistry, prospecting, and power stripping are recommended to locate the source of elevated gold grain counts and test the known mineralized areas.

8.0 REFERENCES

Murahwi, C. et al, 2012. Technical Report on the Updated Mineral Resource Estimate for the Borden Lake Gold Deposit, Borden Lake Property, Northern Ontario, Canada. Probe Mines Ltd.

McLeod, H.D. 1965. Report on the Geophysical Surveys & Diamond Drilling – Project Ivanhoe, Group 27, Sandy & Crockett Townships, Ontario. Keevil Mining Group Ltd.

McLeod, H.D. 1965. Report on the Geology & Geophysical Surveys – Project Ivanhoe, Group 38, Hellyer Township, Ontario. Keevil Mining Group Ltd.

Certificate of Qualifications: James R. Trusler

I, James R. Trusler at 11 Algonquin Crescent, Aurora, Ontario do hereby certify that:

1) I am a Geological Engineer employed as President and CEO of Platinex Inc. and I am also the principal shareholder of Platinex Inc.;

2) I graduated from the University of Toronto with BA.Sc. in Geological Engineering in 1967. I obtained a Master of Science (Geology) from Michigan Technological University in 1972. I have practiced my profession full-time from 1967-1969 and from 1970 to present;

3) I am a Professional Engineer registered with the Professional Engineers Ontario (PEO #47064019);

4) I have not received, nor do I expect to receive, any interest, directly or indirectly, in the Ivanhoe property;

5) As of the date of this certificate, to the best of my knowledge, information and belief, this report contains all scientific and technical information that is required to be disclosed to make the Till Sampling on the Ivanhoe Project for Platinex Inc. not misleading;

6) I have read National Instrument 43-101 and supervised the completion of the Till Sampling on the Ivanhoe Project for Platinex Inc. This report is not a Technical Report as defined by National Instrument 43-101;

7) I have collaborated with Iain Trusler who prepared 'Till Sampling on the Ivanhoe Project for Platinex Inc.' under my supervision;

Dated at Aurora, ON

Dec 12th, 2012

James R. Trusler, BA.Sc, MS, PEng

Certificate of Qualifications: Iain S. Trusler

I, Iain S. Trusler at 32 Richmond St., Richmond Hill, Ontario do hereby certify that:

1) I am a GIS consultant employed as such by Platinex Inc.;

2) I have practiced my profession full-time from 2010 to present;

3) I have not received, nor do I expect to receive, any interest, directly or indirectly, in the Ivanhoe property;

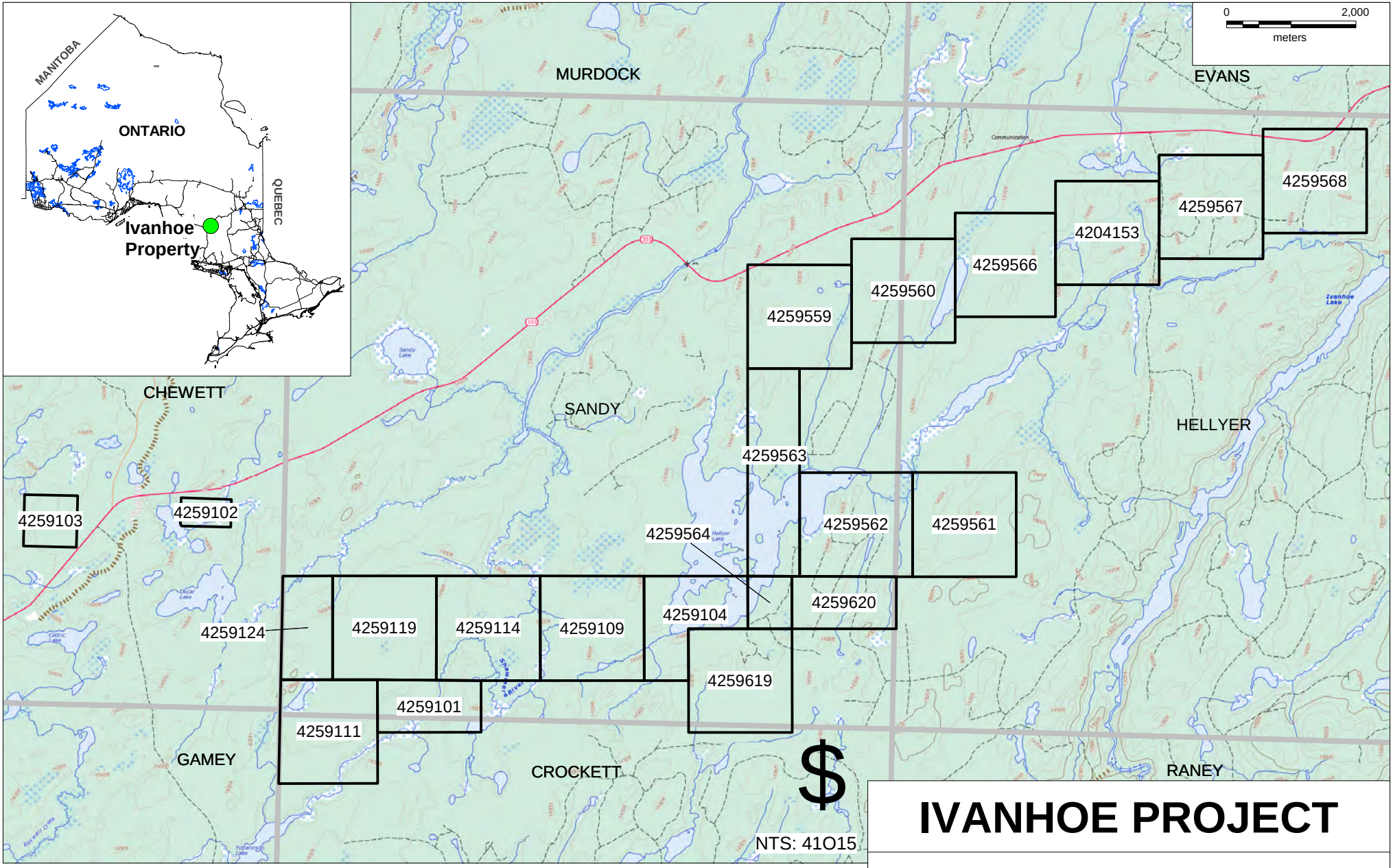
4) As of the date of this certificate, to the best of my knowledge, information and belief, this report contains all scientific and technical information that is required to be disclosed to make the Till Sampling on the Ivanhoe Project for Platinex Inc. not misleading;

5) I have collaborated with James R Trusler who supervised 'Till Sampling on the Ivanhoe Project for Platinex Inc.';

Dated at Richmond Hill, ON

Dec 12th, 2012

Iain S. Trusler



Source: Toporama (1:50,000 Topographic Raster Maps)

Legend

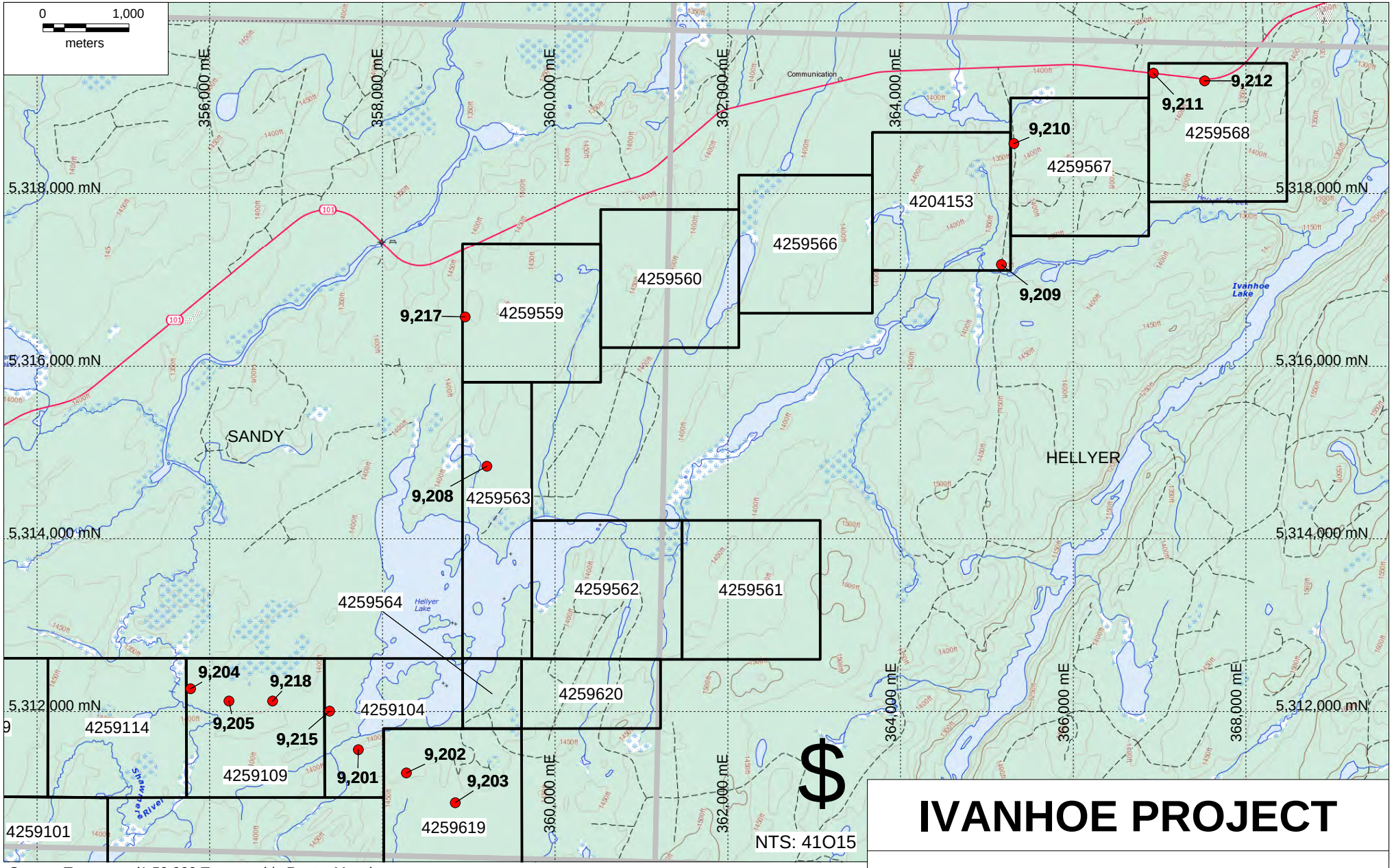
- Township Boundaries
- Platinex Claims

PLATINEX
The Quest for a Greener Planet

IVANHOE PROJECT

Location Map

Drawn By: IT	Scale: 1:80,000
Date: December 2012	Figure: 1



Source: Toporama (1:50,000 Topographic Raster Maps)

Legend

- Township Boundaries
- Platinex Claims
- Till Sample Location

PLATINEX
The Quest for a Greener Planet

IVANHOE PROJECT

Till Location Map

Drawn By: IT	Scale: 1:60,000
Date: December 2012	Figure: 2

Appendix I

Sample Descriptions and Locations

In NAD 83 Zone 17 UTM

Sample No	Easting	Northing	Depth To(m)	Drainage Direction	Drainage Slope	Sample Colour
9201	357720	5311557	1.4	East	low	Orange Brown
9202	358277	5311289	0.7	North	high	Orange Brown
9203	358844	5310944	1	East	low	Grey
9204	355779	5312264	1	East	med	Olive Brown
9205	356222	5312123	0.8	West	low	Orange Brown
9208	359210	5314843	0.65	South	low	Orange Brown
9209	365168	5317178	0.7	South	med	Grey
9210	365313	5318580	0.75	East	low	Brown Orange
9211	366927	5319396	0.55	West	low	Orange Brown
9212	367523	5319307	0.7	East	high	Orange Brown
9215	357389	5312005	0.65	South	high	Orange Brown
9217	358957	5316572	0.7	South	med	Grey Brown
9218	356729	5312122	0.85	East	low	Golden Brown

Appendix II

Certificates of Analysis

OVERBURDEN DRILLING MANAGEMENT LIMITED
107-15 CAPELLA COURT, NEPEAN, ONTARIO, K2E 7X1
TELEPHONE: (613) 226-1771
FAX NO.: (613) 226-8753
EMAIL: odm@storm.ca

DATA TRANSMITTAL REPORT

DATE: 10-Oct-12

ATTENTION: **Mr. Jim Trusler**

CLIENT: **Platinex Inc.**
445 Apple Creek Blvd. Suite 114
Markham, On
L3R 9X7

E-MAIL: **Scott Franko - eco.geo@live.com / jtrusler@platinex.com**

NO. OF PAGES: 4

PROJECT: **Ivanhoe**

FILE NAME: **Platinex - Jamieson - (Ivanhoe) - 14GoldOnly - Aug 2011**

SAMPLE NUMBERS: **9202, 9205, 9206 to 9208, 9210, 9211 and 9213 to 9219**

BATCH NUMBER: **5525**

TOTAL SAMPLES: **14**

THESE SAMPLES WERE PROCESSED FOR: **GOLD GRAIN COUNT**

SPECIFICATIONS:

1. Submitted by client: ~15 to 20 kg till samples.
2. No heavy liquid refining.

REMARKS:

Remy Huneault, P.Geo.
Laboratory Manager

OVERBURDEN DRILLING MANAGEMENT LIMITED
RAW SAMPLE DESCRIPTIONS AND PROCESSING WEIGHTS

Project: Ivanhoe
Filename: Platinex - Jamieson - (Ivanhoe) - 14GoldOnly - Aug 2011
Total Number of Samples in this Report = 14

Sample Number	Weight (kg wet)				Sample Description												CLASS
					Clasts (> 2.0 mm)					Matrix (<2.0 mm)							
						Percentage				Distribution					Colour		
	Bulk Rec'd	Table Split	+2.0 mm Clasts	Table Feed	Size	V/S	GR	LS	OT	S/U	SD	ST	CY	ORG	SD	CY	
9202	12.3	11.8	3.6	8.2	P	10	90	0	0	U	+	Y	-	Y	DOC	DOC	TILL
9205	12.0	11.5	4.5	7.0	P	10	90	0	0	U	+	Y	-	Y	DOC	DOC	TILL
[redacted]																	
9208	15.2	14.7	6.0	8.7	P	30	70	0	0	U	+	Y	-	N	OC	OC	TILL
9210	13.4	12.9	4.6	8.3	P	40	60	0	0	U	+	Y	-	N	OC	OC	TILL
9211	14.9	14.4	1.9	12.5	P	20	80	0	0	U	+	Y	-	N	OC	OC	TILL
[redacted]																	
9215	14.4	13.9	2.3	11.6	P	20	80	0	0	U	+	Y	-	Y	OC	OC	TILL
[redacted]																	
9217	20.6	20.1	2.3	17.8	P	20	80	0	0	U	+	Y	-	Y	LOC	LOC	TILL
9218	15.6	15.1	2.0	13.1	P	10	90	0	0	U	+	Y	-	Y	LOC	LOC	TILL
[redacted]																	

OVERBURDEN DRILLING MANAGEMENT LIMITED

GOLD GRAIN SUMMARY

Project: Ivanhoe
Filename: Platinex - Jamieson - (Ivanhoe) - 14GoldOnly - Aug 2011
Total Number of Samples in this Report = 14

Sample Number	Number of Visible Gold Grains				Nonmag HMC Weight (g) *	Calculated PPB Visible Gold in HMC			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
9202	0	0	0	0	32.8	0	0	0	0
9205	1	1	0	0	28.0	7	7	0	0
[redacted]									
9208	1	0	0	1	34.8	<1	0	0	<1
9210	1	1	0	0	33.2	1	1	0	0
9211	3	3	0	0	50.0	4	4	0	0
[redacted]									
9215	6	4	1	1	46.4	138	136	2	1
[redacted]									
9217	5	3	2	0	71.2	2	1	1	0
9218	6	6	0	0	52.4	10	10	0	0
[redacted]									

*Calculated PPB Au based on assumed nonmagnetic HMC weight equivalent to 1/250th of the table feed.

OVERBURDEN DRILLING MANAGEMENT LIMITED
DETAILED GOLD GRAIN DATA

Project: Ivanhoe
Filename: Platinex - Jamieson - (Ivanhoe) - 14GoldOnly - Aug 2011
Total Number of Samples in this Report = 14

Sample Number	Panned Yes/No	Dimensions (microns)			Number of Visible Gold Grains				Nonmag HMC Weight (g)	Calculated V.G. Assay in HMC (ppb)	Remarks
		Thickness	Width	Length	Reshaped	Modified	Pristine	Total			
9202	No	NO VISIBLE GOLD									
9205	No	10 C	25	75	1			1			
								1	28.0	7	
[redacted]											
9208	No	3 C	15	15			1	1			
								1	34.8	<1	
9210	No	5 C	25	25	1			1			
								1	33.2	1	
9211	No	5 C	25	25	1			1			
		8 C	25	50	2			2			
								3	50.0	4	
[redacted]											
9215	No	3 C	15	15	1			1			
		5 C	25	25	2		1	3			
		8 C	25	50		1		1			
		31 C	125	200	1			1			
								6	46.4	138	
[redacted]											
9217	No	3 C	15	15	1			1			
		5 C	25	25	2	1		3			
		8 C	25	50		1		1			
								5	71.2	2	
9218	No	3 C	15	15	2			2			
		5 C	25	25	2			2			
		8 C	25	50	1			1			
		13 C	50	75	1			1			
								6	52.4	10	
[redacted]											

OVERBURDEN DRILLING MANAGEMENT LIMITED
107-15 CAPELLA COURT, NEPEAN, ONTARIO, K2E 7X1
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ATTENTION:	**Mr. J. Trusler**
CLIENT:	**Platinex Inc.** 445 Apple Creek Blvd. Suite 114 Markham, On L3R 9X7
E-Mail:	**Scott Franko - eco.geo@live.com / jtrusler@platinex.com**
NO. OF PAGES:	9
PROJECT:	**Ivanhoe**
FILE NAME:	**Platinex - Jamieson - (Ivanhoe) - July 2011**
SAMPLE NUMBERS:	**9201, 9203, 9204, 9209 and 9212**
BATCH NUMBER:	**5501**
NO. OF SAMPLES:	**5**
THESE SAMPLES WERE PROCESSED FOR:	**KIMBERLITE INDICATORS** **MMSIMs** **GOLD** **PGMs**

SPECIFICATIONS:

1. Submitted by client: ±15 kg till samples.
2. All samples panned for gold and PGMs.
3. Heavy liquid separation specific gravity: 3.20.
4. 0.25-2.0 mm nonferromagnetic heavy mineral fraction picked for indicator minerals.

REMARKS: _____

Remy Huneault, P.Geo.
Laboratory Manager

OVERBURDEN DRILLING MANAGEMENT LIMITED
RAW SAMPLE DESCRIPTIONS AND PROCESSING WEIGHTS

Project: Ivanhoe
Filename: Platinex - Jamieson - (Ivanhoe) - July 2011
Total Number of Samples in this Report = 5

Batch Number: 5501

Sample Number	Weight (kg)				Clasts >2.0 mm					Matrix <2.0 mm							Class
						Percentage				Distribution					Colour		
	Bulk Rec'd	Table Split	+2 mm Clasts	Table Feed	Size	V/S	GR	LS	OT	S/U	SD	ST	CY	Org	Sand	Clay	
9201	13.2	12.7	3.8	8.9	P	90	10	0	0	U	+	Y	-	N	BE	BE	TILL
9203	14.3	13.8	1.5	12.3	P	5	35	0	60	U	+	Y	-	N	BE	BE	TILL
9204	14.4	13.9	2.8	11.1	P	80	20	0	0	U	+	Y	-	N	BE	BE	TILL
9209	14.7	14.2	1.5	12.7	P	40	60	0	0	U	+	Y	-	N	BE	BE	TILL
9212	15.9	15.4	3.5	11.9	P	60	40	Tr	0	U	+	Y	-	N	BE	BE	TILL

* Clasts listed as "other" are hornblende gneiss.

OVERBURDEN DRILLING MANAGEMENT LIMITED

GOLD GRAIN SUMMARY

Project: Ivanhoe
Filename: Platinex - Jamieson - (Ivanhoe) - July 2011
Total Number of Samples in this Report = 5 Batch Number: 5501

Sample Number	Number of Visible Gold Grains				Nonmag HMC Weight (g) *	Calculated PPB Visible Gold in HMC			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
9201	4	4	0	0	35.6	18	18	0	0
9203	5	4	1	0	49.2	8	8	<1	0
9204	2	2	0	0	44.4	1	1	0	0
9209	3	2	0	1	50.8	20	8	0	13
9212	0	0	0	0	47.6	0	0	0	0

* Calculated PPB Au based on assumed nonmagnetic HMC weight equivalent to 1/250th of the table feed.

OVERBURDEN DRILLING MANAGEMENT LIMITED
DETAILED GOLD GRAIN DATA

Project: Ivanhoe
Filename: Platinex - Jamieson - (Ivanhoe) - July 2011
Total Number of Samples in this Report = 5

Batch Number: 5501

Sample Number	Panned Yes/No	Dimensions (microns)			Number of Visible Gold Grains				Nonmag HMC Weight (g)	Calculated V.G. Assay in HMC (ppb)	Remarks
		Thickness	Width	Length	Reshaped	Modified	Pristine	Total			
9201	Yes	3 C	15	15	1			1			No sulphides.
		8 C	25	50	1			1			SEM check: 1 PGM candidate =
		10 C	50	50	1			1			1 sperrylite (25µm).
		13 C	50	75	1			1			
								4	35.6	18	
9203	Yes	5 C	25	25	1	1		2			No sulphides or PGMs.
		8 C	25	50	2			2			
		10 C	50	50	1			1			
								5	49.2	8	
9204	Yes	3 C	15	15	1			1			No sulphides or PGMs.
		5 C	25	25	1			1			
								2	44.4	1	
9209	Yes	10 C	50	50	2			2			No sulphides or PGMs.
		15 C	50	100			1	1			
								3	50.8	20	
9212	Yes	NO VISIBLE GOLD									3 grains pyrite (50µm). No PGMs.

OVERBURDEN DRILLING MANAGEMENT LIMITED
PLATINUM GROUP MINERALS SUMMARY

Project: Ivanhoe
Filename: Platinex - Jamieson - (Ivanhoe) - July 2011
Total Number of Samples in this Report = 5

Sample Number	Observed PGMs. Mineral	Number of Grains	TOTAL GRAINS
9201	Sperrylite	1	1
9203	None observed	0	0
9204	None observed	0	0
9209	None observed	0	0
9212	None observed	0	0

* All samples are oxidized; therefore only native PGE minerals and the most resistant PGE arsenide and antimonide grains (no PGE sulphides or tellurides) are likely to be preserved.

OVERBURDEN DRILLING MANAGEMENT LIMITED
HEAVY MINERAL PROCESSING WEIGHTS AND KIMBERLITE INDICATOR MINERAL DATA

Project: Ivanhoe
Filename: Platinex - Jamieson - (Ivanhoe) - July 2011
Total Number of Samples in this Report = 5

	Weight (g)											Number of Grains																		
	<2.0 mm Table Concentrate											Selected Pseudo KIMs			KIMs															
			0.25-2.0 mm Heavy Liquid Separation S.G 3.20												1.0 to 2.0 mm						0.5 to 1.0 mm						0.25 to 0.5 mm					
					Nonferromagnetic HMC																											
						Processed Split																										
						Total																									
Sample Number	Total	-0.25 mm	Heavy Liquid Lights	Mag HMC	Total	%	Weight	<0.25 mm (wash)	0.25 to 0.5 mm	0.5 to 1.0 mm	1.0 to 2.0 mm	1.0 to 2.0 mm Low-Cr diopside	0.5 to 1.0 mm Low-Cr diopside	0.25 to 0.5 mm Low-Cr diopside	GP	GO	DC	IM	CR	FO	GP	GO	DC	IM	CR	FO	GP	GO	DC	IM	CR	FO	Total
9201	1,003.7	543.0	415.6	2.1	43.0	100	43.0	5.0	23.9	10.3	3.8	0	0	5	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	20(40) *	(42)
9203	1,001.0	504.4	264.9	1.2	230.5	100	230.5	210.7	11.8	5.7	2.3	0	0	4	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	1	35(120)	(123)
9204	1,031.4	585.0	398.8	3.1	44.5	100	44.5	6.2	24.8	10.1	3.4	0	1	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21(40)	(40)
9209	930.4	675.0	212.1	2.4	40.9	100	40.9	4.3	25.3	9.0	2.3	0	2	14	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2	27(80)	(63)
9212	1,019.8	525.0	386.4	3.5	104.9	100	104.9	5.8	58.8	28.4	11.9	0	0	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5

* Numbers in brackets are estimated total indicator grains present in samples where not all of the grains were picked.

OVERBURDEN DRILLING MANAGEMENT LIMITED
KIMBERLITE INDICATOR MINERAL PICKING FOOTNOTES

Project: Ivanhoe
Filename: Platinex - Jamieson - (Ivanhoe) - July 2011
Total Number of Samples in this Report = 5
Batch Number: 5501

SAMPLE NO.	REMARKS:
9201	SEM check from 0.5-1.0 mm fraction: 1 FO versus diopside candidate = 1 FO. SEM check from 0.5-0.25 mm fraction: 1 CR versus crustal ilmenite candidate = 1 CR.
9203	SEM checks from 0.25-0.5 mm fraction: 5 FO versus diopside candidates = 5 FO; and 2 CR candidates = 1 CR and 1 crustal ilmenite.
9204	SEM check from 0.25-0.5 mm fraction: 1 FO versus diopside candidate = 1 FO.
9209	SEM check from 0.5-1.0 mm fraction: 1 GP versus almandine candidate = 1 almandine. SEM checks from 0.25-0.5 mm fraction: 2 GP versus almandine candidates = 2 almandine; 1 GO versus almandine candidate = 1 almandine; 3 CR versus crustal ilmenite candidates = 2 CR and 1 crustal ilmenite; and 7 FO candidates = 7 FO.
9212	No KIM remarks.

OVERBURDEN DRILLING MANAGEMENT LIMITED
MMS INDICATOR MINERAL DATA

Project: Ivanhoe
Filename: Platinex - Jamieson - (Ivanhoe) - July 2011
Total Number of Samples in this Report = 5

Sample Number	Sulphide/Arsenide + Related Minerals 0.25-0.5 mm				Mg/Mn/Al/Cr Minerals 0.25-0.5 mm											Phosphates		Remarks	Picked Grains
	>1 amp			<1.0 amp	>1.0 amp							<0.8 amp				>1.0 amp			
	% Cpy	Misc. Prime MMSIMs	% Py	% Gth	# Grains + Colour Spinel	Misc. Prime MMSIMs	% Red Rutile	% Ky	% Sil	% Tm	% St	% Sps	% Fay	% Opx	% Cr	% Ap	% Mz		
9201	0	0	0	Tr	2 blue-green	Tr low-Cr diopside (5 gr)	Tr (11 gr)	0	Tr	0	Tr	0	0	0	Tr (1 gr; see KIM data)	0	Tr	Hornblende-almandine/diopside assemblage. SEM checks from 0.25-0.5 mm fraction: 2 blue-green gahnite versus spinel candidates = 2 spinel.	0.5-1.0 mm fraction: 1 forsterite (see KIM data; picked as KIM) 0.25-0.5 mm fraction: 2 spinel 5 low-Cr diopside 11 red rutile 1 chromite (picked as KIM) 20 representative forsterite (see KIM data; picked as KIMs)
9203	0	0	0	Tr	0	Tr sapphirine (~30 gr) Tr low-Cr diopside (4 gr)	Tr (1 gr)	0	Tr	Tr	Tr	0	0	0.5	Tr (1 gr; see KIM data)	Tr	Tr	Almandine-hornblende/diopside-epidote-zircon assemblage. SEM checks from 0.25-0.5 mm fraction: 5 blue-green gahnite versus sapphirine candidates = 5 sapphirine.	0.5-1.0 mm fraction: 2 forsterite (see KIM data; picked as KIMs) 0.25-0.5 mm fraction: 20 representative sapphirine 4 low-Cr diopside 1 red rutile 1 chromite (picked as KIMs) 35 representative forsterite (see KIM data; picked as KIMs)
9204	0	0	0	Tr	0	Tr sapphirine (7 gr) Tr Mn-epidote (1 gr) Tr low-Cr diopside (13 gr)	Tr (14 gr)	0	Tr	0	Tr	0	0	0	0	Tr	Tr	Hornblende-almandine/diopside-epidote assemblage. SEM checks from 0.25-0.5 mm fraction: 7 blue-green gahnite versus spinel candidates = 7 sapphirine.	0.5-1.0 mm fraction: 1 low-Cr diopside 0.25-0.5 mm fraction: 7 sapphirine 1 Mn-epidote 13 low-Cr diopside 14 red rutile 21 representative forsterite (see KIM data; picked as KIMs)

OVERBURDEN DRILLING MANAGEMENT LIMITED
MMS INDICATOR MINERAL DATA

Project: Ivanhoe
Filename: Platinex - Jamieson - (Ivanhoe) - July 2011
Total Number of Samples in this Report = 5

Sample Number	Sulphide/Arsenide + Related Minerals 0.25-0.5 mm				Mg/Mn/Al/Cr Minerals 0.25-0.5 mm											Phosphates		Remarks	Picked Grains
	>1 amp			<1.0 amp	>1.0 amp			<0.8 amp								>1.0 amp			
	% Cpy	Misc. Prime MMSIMs	% Py	% Gth	# Grains + Colour Spinel	Misc. Prime MMSIMs	% Red Rutile	% Ky	% Sil	% Tm	% St	% Sps	% Fay	% Opx	% Cr	% Ap	% Mz		
9209	0	0	0	Tr	1 grey	Tr sapphirine (14 gr) Tr ruby corundum (1 gr) Tr low-Cr diopside (14 gr)	Tr (~30 gr)	0	Tr	Tr	Tr	Tr	0	0.5	Tr (2 gr; see KIM data)	Tr	Tr	Hornblende-almandine/diopside-epidote assemblage. SEM checks from 0.25-0.5 mm fraction: 14 blue-green gahnite versus sapphirine candidates = 14 sapphirine; 1 grey spinel candidate = 1 spinel; and 1 ruby corundum versus almandine candidate = 1 ruby corundum.	0.5-1.0 mm fraction: 2 low-Cr diopside 1 forsterite (see KIM data; picked as KIM) 0.25-0.5 mm fraction: 1 spinel 14 sapphirine 1 ruby corundum 14 low-Cr diopside 10 representative red rutile 2 chromite (picked as KIMs) 27 representative forsterite (see KIM data; picked as KIMs)
9212	0	0	Tr (~30 gr)	Tr	1 blue-green gahnite; 3 blue-green spinel	Tr sapphirine (5 gr) Tr low-Cr diopside (18 gr)	Tr (~40 gr)	0	Tr	0	Tr	0	0	Tr	0	Tr	0	Almandine-hornblende/diopside-epidote assemblage. SEM checks from 0.25-0.5 mm fraction: 1 blue-green gahnite versus spinel candidates = 1 gahnite, 3 spinel, 5 sapphirine and 2 augite.	0.25-0.5 mm fraction: 1 gahnite 2 augite resembling gahnite 3 spinel 5 sapphirine 18 low-Cr diopside 20 representative red rutile 5 forsterite (see KIM data; picked as KIMs)