Pa

OVERBURDEN DRILLING MANAGEMENT LIMITED

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D A T A T R A N S M I T T A L R E P O R T

DATE: 6-Feb-12

ATTENTION: **Mr. Donald Elsenheimer**

CLIENT: **Minnesota Department of Natural Resources**
500 Lafayette Rd
St. Paul, MN
55155-4045 USA

E-MAIL: **donald.elsenheimer@dnr.state.mn.us / dennis.martin@state.mn.us**

NO. OF PAGES: _____

PROJECT: **2011-DC**

FILE NAME: **MDNR - Elsenheimer (2011-DC) - January 2012**

SAMPLE NUMBERS: **2011-DC-001 to 004, 009 to 015, 018 to 028, 030 to 035, 039 to 043, 045 and 049 to 054**
2011-DC-055 to 074, 076 to 085, 088 to 094, 096, 097, 099 to 112 and 121 to 123

BATCH NUMBER: **5735 and 5744**

TOTAL SAMPLES: **96**

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

SPECIFICATIONS:

1. Submitted by client: ±10 kg till and sand/gravel samples.
2. Heavy liquid separation specific gravity: 3.3.

REMARKS:

_____

_____

_____

_____
Remy Huneault, P.Geo.
Laboratory Manager

3. Heavy liquid separation specific gravity: 3.20.

OR

3. Nonferromagnetic fraction of oversized 0.25-2.0 mm heavy liquid concentrates split to 10, 20, 25 or 50 percent before final processing.
4. Heavy liquid separation specific gravity: 3.20.

OVERBURDEN DRILLING MANAGEMENT LIMITED

GOLD GRAIN SUMMARY

Filename: MDNR - Elsenheimer (2011-DC) - January 2012
Total Number of Samples in this Report = 96
Batch Number: 5735 and 5744

Sample Number	Number of Visible Gold Grains				Total Weight (g)	Calculated PPB Visible Gold in HMC			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
2011-DC-001	0	0	0	0	82.4	0	0	0	0
2011-DC-002	1	1	0	0	68.8	9	9	0	0
2011-DC-003	0	0	0	0	75.2	0	0	0	0
2011-DC-004	0	0	0	0	45.6	0	0	0	0
2011-DC-009	0	0	0	0	42.6	0	0	0	0
2011-DC-010	0	0	0	0	36.8	0	0	0	0
2011-DC-011	0	0	0	0	118.8	0	0	0	0
2011-DC-012	0	0	0	0	119.0	0	0	0	0
2011-DC-013	0	0	0	0	49.2	0	0	0	0
2011-DC-014	2	2	0	0	111.8	2	2	0	0
2011-DC-015	0	0	0	0	94.6	0	0	0	0
2011-DC-018	2	2	0	0	174.4	2	2	0	0
2011-DC-019	1	1	0	0	31.4	1	1	0	0
2011-DC-020	2	2	0	0	60.0	2	2	0	0
2011-DC-021	2	2	0	0	35.0	6	6	0	0
2011-DC-022	1	1	0	0	43.4	2	2	0	0
2011-DC-023	0	0	0	0	61.0	0	0	0	0
2011-DC-024	1	1	0	0	76.2	65	65	0	0
2011-DC-025	0	0	0	0	162.2	0	0	0	0
2011-DC-026	0	0	0	0	60.0	0	0	0	0
2011-DC-027	1	1	0	0	62.6	3	3	0	0
2011-DC-028	1	1	0	0	98.2	4	4	0	0
2011-DC-030	0	0	0	0	46.2	0	0	0	0
2011-DC-031	0	0	0	0	64.2	0	0	0	0
2011-DC-032	1	1	0	0	77.6	<1	<1	0	0
2011-DC-033	1	1	0	0	89.8	2	2	0	0
2011-DC-034	1	1	0	0	96.0	22	22	0	0
2011-DC-035	1	1	0	0	97.6	7	7	0	0
2011-DC-039	0	0	0	0	40.4	0	0	0	0
2011-DC-040	0	0	0	0	94.0	0	0	0	0
2011-DC-041	0	0	0	0	119.4	0	0	0	0
2011-DC-042	0	0	0	0	69.8	0	0	0	0
2011-DC-043	1	1	0	0	92.6	4	4	0	0
2011-DC-045	0	0	0	0	129.0	0	0	0	0
2011-DC-049	1	1	0	0	36.6	2	2	0	0
2011-DC-050	0	0	0	0	34.0	0	0	0	0
2011-DC-051	0	0	0	0	29.4	0	0	0	0
2011-DC-052	0	0	0	0	16.8	0	0	0	0
2011-DC-053	0	0	0	0	34.8	0	0	0	0
2011-DC-054	0	0	0	0	49.2	0	0	0	0
2011-DC-055	1	1	0	0	86.0	<1	<1	0	0
2011-DC-056	0	0	0	0	54.1	0	0	0	0
2011-DC-057	0	0	0	0	31.9	0	0	0	0
2011-DC-058	0	0	0	0	42.9	0	0	0	0
2011-DC-059	0	0	0	0	44.4	0	0	0	0
2011-DC-060	0	0	0	0	28.1	0	0	0	0
2011-DC-061	0	0	0	0	21.2	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

GOLD GRAIN SUMMARY

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Sample Number	Number of Visible Gold Grains				Total Weight (g)	Calculated PPB Visible Gold in HMC			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
2011-DC-001	0	0	0	0	82.4	0	0	0	0
2011-DC-002	1	1	0	0	68.8	9	9	0	0
2011-DC-003	0	0	0	0	75.2	0	0	0	0
2011-DC-062	0	0	0	0	21.1	0	0	0	0
2011-DC-063	0	0	0	0	61.2	0	0	0	0
2011-DC-064	0	0	0	0	11.4	0	0	0	0
2011-DC-065	0	0	0	0	9.9	0	0	0	0
2011-DC-066	0	0	0	0	15.4	0	0	0	0
2011-DC-067	0	0	0	0	38.9	0	0	0	0
2011-DC-068	0	0	0	0	21.4	0	0	0	0
2011-DC-069	0	0	0	0	24.0	0	0	0	0
2011-DC-070	0	0	0	0	15.9	0	0	0	0
2011-DC-071	0	0	0	0	30.3	0	0	0	0
2011-DC-072	1	1	0	0	106.8	2	2	0	0
2011-DC-073	1	1	0	0	106.7	<1	<1	0	0
2011-DC-074	0	0	0	0	20.0	0	0	0	0
2011-DC-076	0	0	0	0	16.9	0	0	0	0
2011-DC-077	1	1	0	0	43.0	1	1	0	0
2011-DC-078	0	0	0	0	24.9	0	0	0	0
2011-DC-079	1	1	0	0	22.6	1	1	0	0
2011-DC-080	0	0	0	0	21.0	0	0	0	0
2011-DC-081	0	0	0	0	150.3	0	0	0	0
2011-DC-082	0	0	0	0	47.2	0	0	0	0
2011-DC-083	0	0	0	0	35.1	0	0	0	0
2011-DC-084	0	0	0	0	34.5	0	0	0	0
2011-DC-085	0	0	0	0	44.7	0	0	0	0
2011-DC-088	0	0	0	0	23.5	0	0	0	0
2011-DC-089	0	0	0	0	31.0	0	0	0	0
2011-DC-090	0	0	0	0	53.4	0	0	0	0
2011-DC-091	0	0	0	0	77.6	0	0	0	0
2011-DC-092	0	0	0	0	25.2	0	0	0	0
2011-DC-093	0	0	0	0	79.5	0	0	0	0
2011-DC-094	0	0	0	0	132.0	0	0	0	0
2011-DC-096	0	0	0	0	58.2	0	0	0	0
2011-DC-097	0	0	0	0	52.1	0	0	0	0
2011-DC-099	0	0	0	0	26.6	0	0	0	0
2011-DC-100	0	0	0	0	73.1	0	0	0	0
2011-DC-101	0	0	0	0	23.6	0	0	0	0
2011-DC-102	0	0	0	0	49.9	0	0	0	0
2011-DC-103	0	0	0	0	38.6	0	0	0	0
2011-DC-104	0	0	0	0	28.0	0	0	0	0
2011-DC-105	1	1	0	0	35.3	2	2	0	0
2011-DC-106	0	0	0	0	26.0	0	0	0	0
2011-DC-107	0	0	0	0	50.4	0	0	0	0
2011-DC-108	0	0	0	0	121.6	0	0	0	0
2011-DC-109	0	0	0	0	64.1	0	0	0	0
2011-DC-110	0	0	0	0	38.9	0	0	0	0

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

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	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
2011-DC-001	0	0	0	0	82.4	0	0	0	0
2011-DC-002	1	1	0	0	68.8	9	9	0	0
2011-DC-003	0	0	0	0	75.2	0	0	0	0
2011-DC-111	0	0	0	0	94.1	0	0	0	0
2011-DC-112	3	3	0	0	114.4	9	9	0	0
2011-DC-121	0	0	0	0	46.3	0	0	0	0
2011-DC-122	0	0	0	0	38.0	0	0	0	0
2011-DC-123	0	0	0	0	14.9	0	0	0	0

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DETAILED GOLD GRAIN DATA

Filename: MDNR - Elsenheimer (2011-DC) - January 2012
Total Number of Samples in this Report = 96
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Sample Number	Panned Yes/No	Dimensions (microns)			Number of Visible Gold Grains				Total Weight (g)	Calculated V.G. Assay in HMC (ppb)	Remarks
		Thickness	Width	Length	Reshaped	Modified	Pristine	Total			
2011-DC-001	No	NO VISIBLE GOLD									
2011-DC-002	No	15 C	50	100	1			1			
								1	68.8	9	
2011-DC-003	No	NO VISIBLE GOLD									
2011-DC-004	No	NO VISIBLE GOLD									
2011-DC-009	No	NO VISIBLE GOLD									
2011-DC-010	No	NO VISIBLE GOLD									
2011-DC-011	No	NO VISIBLE GOLD									
2011-DC-012	No	NO VISIBLE GOLD									
2011-DC-013	No	NO VISIBLE GOLD									
2011-DC-014	No	5 C	25	25	1			1			
		10 C	50	50	1			1			
								2	111.8	2	
2011-DC-015	No	NO VISIBLE GOLD									
2011-DC-018	No	8 C	25	50	1			1			
		10 C	50	50	1			1			
								2	174.4	2	
2011-DC-019	No	5 C	25	25	1			1			
								1	31.4	1	

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		Thickness	Width	Length	Reshaped	Modified	Pristine	Total			
2011-DC-001	No	NO VISIBLE GOLD									
2011-DC-002	No	15 C	50	100	1			1			
2011-DC-020	No	5 C	25	25	1			1			
		8 C	25	50	1			1			
								2	60.0	2	
2011-DC-021	No	5 C	25	25	1			1			
		10 C	50	50	1			1			
								2	35.0	6	
2011-DC-022	No	8 C	25	50	1			1			
								1	43.4	2	
2011-DC-023	No	NO VISIBLE GOLD									
2011-DC-024	No	29 C	100	200	1			1			
								1	76.2	65	
2011-DC-025	No	NO VISIBLE GOLD									
2011-DC-026	No	NO VISIBLE GOLD									
2011-DC-027	No	10 C	50	50	1			1			
								1	62.6	3	
2011-DC-028	No	13 C	50	75	1			1			
								1	98.2	4	
2011-DC-030	No	NO VISIBLE GOLD									
2011-DC-031	No	NO VISIBLE GOLD									

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		Thickness	Width	Length	Reshaped	Modified	Pristine	Total			
2011-DC-001	No	NO VISIBLE GOLD									
2011-DC-002	No	15 C	50	100	1			1			
2011-DC-032	No	5 C	25	25	1			1			
								1	77.6	<1	
2011-DC-033	No	10 C	50	50	1			1			
								1	89.8	2	
2011-DC-034	No	50 M	75	75	1			1			
								1	96.0	22	
2011-DC-035	No	15 C	50	100	1			1			
								1	97.6	7	
2011-DC-039	No	NO VISIBLE GOLD									
2011-DC-040	No	NO VISIBLE GOLD									
2011-DC-041	No	NO VISIBLE GOLD									
2011-DC-042	No	NO VISIBLE GOLD									
2011-DC-043	No	13 C	50	75	1			1			
								1	92.6	4	
2011-DC-045	No	NO VISIBLE GOLD									
2011-DC-049	No	8 C	25	50	1			1			
								1	36.6	2	

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		Thickness	Width	Length	Reshaped	Modified	Pristine	Total			
2011-DC-001	No	NO VISIBLE GOLD									
2011-DC-002	No	15 C	50	100	1			1			
2011-DC-050	No	NO VISIBLE GOLD									
2011-DC-051	No	NO VISIBLE GOLD									
2011-DC-052	No	NO VISIBLE GOLD									
2011-DC-053	No	NO VISIBLE GOLD									
2011-DC-054	No	NO VISIBLE GOLD									
2011-DC-055	No	5 C	25	25	1			1			
								1	1	86.0	<1
2011-DC-056	No	NO VISIBLE GOLD									
2011-DC-057	No	NO VISIBLE GOLD									
2011-DC-058	No	NO VISIBLE GOLD									
2011-DC-059	No	NO VISIBLE GOLD									
2011-DC-060	No	NO VISIBLE GOLD									
2011-DC-061	No	NO VISIBLE GOLD									
2011-DC-062	No	NO VISIBLE GOLD									
2011-DC-063	No	NO VISIBLE GOLD									

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DETAILED GOLD GRAIN DATA

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Sample Number	Panned Yes/No	Dimensions (microns)			Number of Visible Gold Grains				Total Weight (g)	Calculated V.G. Assay in HMC (ppb)	Remarks
		Thickness	Width	Length	Reshaped	Modified	Pristine	Total			
2011-DC-001	No	NO VISIBLE GOLD									
2011-DC-002	No	15 C	50	100	1			1			
2011-DC-064	No	NO VISIBLE GOLD									
2011-DC-065	No	NO VISIBLE GOLD									
2011-DC-066	No	NO VISIBLE GOLD									
2011-DC-067	No	NO VISIBLE GOLD									
2011-DC-068	No	NO VISIBLE GOLD									
2011-DC-069	No	NO VISIBLE GOLD									
2011-DC-070	No	NO VISIBLE GOLD									
2011-DC-071	No	NO VISIBLE GOLD									
2011-DC-072	No	10 C	50	50	1			1			
								1	106.8	2	
2011-DC-073	No	5 C	25	25	1			1			
								1	106.7	<1	
2011-DC-074	No	NO VISIBLE GOLD									
2011-DC-076	No	NO VISIBLE GOLD									
2011-DC-077	No	5 C	25	25	1			1			
								1	43.0	1	

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		Thickness	Width	Length	Reshaped	Modified	Pristine	Total			
2011-DC-001	No	NO VISIBLE GOLD									
2011-DC-002	No	15 C	50	100	1			1			
2011-DC-078	No	NO VISIBLE GOLD									
2011-DC-079	No	5 C	25	25	1			1			
								1	22.6	1	
2011-DC-080	No	NO VISIBLE GOLD									
2011-DC-081	No	NO VISIBLE GOLD									
2011-DC-082	No	NO VISIBLE GOLD									
2011-DC-083	No	NO VISIBLE GOLD									
2011-DC-084	No	NO VISIBLE GOLD									
2011-DC-085	No	NO VISIBLE GOLD									
2011-DC-088	No	NO VISIBLE GOLD									
2011-DC-089	No	NO VISIBLE GOLD									
2011-DC-090	No	NO VISIBLE GOLD									
2011-DC-091	No	NO VISIBLE GOLD									
2011-DC-092	No	NO VISIBLE GOLD									
2011-DC-093	No	NO VISIBLE GOLD									

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		Thickness	Width	Length	Reshaped	Modified	Pristine	Total			
2011-DC-001	No	NO VISIBLE GOLD									
2011-DC-002	No	15 C	50	100	1			1			
2011-DC-094	No	NO VISIBLE GOLD									
2011-DC-096	No	NO VISIBLE GOLD									
2011-DC-097	No	NO VISIBLE GOLD									
2011-DC-099	No	NO VISIBLE GOLD									
2011-DC-100	No	NO VISIBLE GOLD									
2011-DC-101	No	NO VISIBLE GOLD									
2011-DC-102	No	NO VISIBLE GOLD									
2011-DC-103	No	NO VISIBLE GOLD									
2011-DC-104	No	NO VISIBLE GOLD									
2011-DC-105	No	8 C	25	50	1			1			
								1	35.3	2	
2011-DC-106	No	NO VISIBLE GOLD									
2011-DC-107	No	NO VISIBLE GOLD									
2011-DC-108	No	NO VISIBLE GOLD									
2011-DC-109	No	NO VISIBLE GOLD									

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		Thickness	Width	Length	Reshaped	Modified	Pristine	Total			
2011-DC-001	No	NO VISIBLE GOLD									
2011-DC-002	No	15 C	50	100	1			1			
2011-DC-110	No	NO VISIBLE GOLD									
2011-DC-111	No	NO VISIBLE GOLD									
2011-DC-112	No	5 C	25	25	1			1			
		13 C	50	75	1			1			
		15 C	50	100	1			1			
								3	114.4	9	
2011-DC-121	No	NO VISIBLE GOLD									
2011-DC-122	No	NO VISIBLE GOLD									
2011-DC-123	No	NO VISIBLE GOLD									

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OVERBURDEN DRILLING MANAGEMENT LIMITED
RAW SAMPLE DESCRIPTIONS AND PROCESSING WEIGHTS

Project: 2011-DC
Filename: MDNR - Elsenheimer (2011-DC) - January 2012
Total Number of Samples in this Report = 96

Batch Number: 5735 and 5744

Sample Number	Weight (kg wet)				-2.0 mm Table Concentrate Weight (g dry)					Sample Description													
						Heavy Liquid Separation (S.G. 3.3)				Clasts (> 2.0 mm)					Matrix (<2.0 mm)								
							HMC				Percentage				Distribution					Colour			
	Bulk Rec'd	Table Split	+2.0 mm Clasts	Table Feed	Total	Lights	Total	Non Mag	Mag	Size	V/S	GR	LS	OT	S/U	SD	ST	CY	ORG	SD	CY	CLASS
2011-DC-001	10.5	10.0	4.9	5.1	337.5	198.6	138.9	82.4	56.5	P	100	Tr	0	0	U	-	Y	-	Y	DOC	DOC	TILL
2011-DC-002	9.6	9.1	2.9	6.2	312.9	210.2	102.7	68.8	33.9	C	60	40	0	0	U	+	Y	-	Y	DOC	DOC	TILL
2011-DC-003	13.0	12.5	8.2	4.3	271.0	131.5	139.5	75.2	64.3	C	100	Tr	0	0	U	+	Y	-	Y	DOC	DOC	TILL
2011-DC-004	12.2	11.7	8.6	3.1	251.8	174.8	77.0	45.6	31.4	C	90	10	0	0	U	+	Y	-	Y	DOC	DOC	TILL
2011-DC-009	9.1	8.6	3.7	4.9	289.1	229.8	59.3	42.6	16.7	C	100	Tr	0	0	U	+	Y	-	Y	DOC	DOC	TILL
2011-DC-010	10.3	9.8	5.0	4.8	197.3	138.2	59.1	36.8	22.3	C	100	Tr	0	0	U	+	Y	-	Y	DOC	DOC	TILL
2011-DC-011	11.3	10.8	1.9	8.9	267.6	100.6	167.0	118.8	48.2	P	90	10	0	0	S	MC	N	N	Y	DOC	NA	SAND + GRAVEL
2011-DC-012	11.7	11.2	5.7	5.5	366.4	180.7	185.7	119.0	66.7	C	100	0	0	0	U	+	Y	-	Y	DOC	DOC	TILL
2011-DC-013	10.2	9.7	3.8	5.9	305.1	229.3	75.8	49.2	26.6	C	80	20	0	0	U	+	Y	-	Y	DOC	DOC	TILL
2011-DC-014	9.5	9.0	1.4	7.6	364.9	187.6	177.3	111.8	65.5	P	80	20	0	0	U	+	Y	-	Y	DOC	DOC	TILL
2011-DC-015	8.3	7.8	0.7	7.1	267.2	121.8	145.4	94.6	50.8	P	100	Tr	0	0	U	+	Y	-	Y	DOC	DOC	TILL
2011-DC-018	11.0	10.5	2.7	7.8	480.6	240.4	240.2	174.4	65.8	P	100	Tr	0	0	U	+	Y	-	Y	DOC	DOC	TILL
2011-DC-019	11.9	11.4	8.0	3.4	234.8	176.6	58.2	31.4	26.8	C	90	10	0	0	U	+	Y	-	Y	DOC	DOC	TILL
2011-DC-020	9.2	8.7	1.2	7.5	198.9	111.8	87.1	60.0	27.1	C	95	5	0	0	U	+	Y	-	Y	DOC	DOC	TILL
2011-DC-021	12.7	12.2	9.0	3.2	322.4	256.0	66.4	35.0	31.4	C	80	20	0	0	U	+	Y	-	Y	DOC	DOC	TILL
2011-DC-022	9.1	8.6	2.7	5.9	139.8	72.6	67.2	43.4	23.8	C	90	10	0	0	U	+	Y	-	Y	DOC	DOC	TILL
2011-DC-023	8.7	8.2	2.0	6.2	171.3	91.9	79.4	61.0	18.4	C	90	10	0	0	U	+	Y	-	Y	DOC	DOC	TILL
2011-DC-024	9.6	9.1	1.5	7.6	245.9	144.9	101.0	76.2	24.8	P	95	5	0	0	U	+	Y	-	Y	DOC	DOC	TILL
2011-DC-025	10.1	9.6	1.4	8.2	313.4	43.0	270.4	162.2	108.2	P	95	5	0	0	U	+	Y	-	Y	DOC	DOC	TILL
2011-DC-026	8.5	8.0	0.4	7.6	258.4	166.0	92.4	60.0	32.4	P	95	5	0	0	U	+	Y	-	Y	DOC	DOC	TILL
2011-DC-027	7.3	6.8	1.2	5.6	148.5	54.5	94.0	62.6	31.4	P	100	Tr	0	0	U	+	Y	-	Y	OC	OC	TILL
2011-DC-028	10.6	10.1	1.6	8.5	224.2	118.5	105.7	98.2	7.5	P	100	Tr	0	0	U	+	Y	-	N	DOC	DOC	TILL
2011-DC-030	8.4	7.9	1.9	6.0	216.8	148.7	68.1	46.2	21.9	P	90	10	0	0	U	+	Y	-	Y	DOC	DOC	TILL
2011-DC-031	9.3	8.8	1.4	7.4	244.3	147.1	97.2	64.2	33.0	C	100	Tr	0	0	U	+	Y	-	Y	DOC	DOC	TILL
2011-DC-032	8.9	8.4	0.7	7.7	355.3	245.0	110.3	77.6	32.7	P	100	Tr	0	0	U	+	Y	-	Y	DOC	DOC	TILL
2011-DC-033	10.3	9.8	2.4	7.4	277.0	143.7	133.3	89.8	43.5	P	95	5	0	0	U	+	Y	-	Y	DOC	DOC	TILL
2011-DC-034	9.2	8.7	1.3	7.4	343.0	204.0	139.0	96.0	43.0	P	80	20	0	0	U	+	Y	-	Y	DOC	DOC	TILL
2011-DC-035	9.3	8.8	1.7	7.1	278.7	136.7	142.0	97.6	44.4	P	100	Tr	0	0	U	+	Y	-	Y	DOC	DOC	TILL
2011-DC-039	11.8	11.3	7.1	4.2	223.1	149.2	73.9	40.4	33.5	C	100	Tr	0	0	U	+	Y	-	Y	DOC	DOC	TILL

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

OVERBURDEN DRILLING MANAGEMENT LIMITED
RAW SAMPLE DESCRIPTIONS AND PROCESSING WEIGHTS

Project: 2011-DC
Filename: MDNR - Elsenheimer (2011-DC) - January 2012
Total Number of Samples in this Report = 96

Batch Number: 5735 and 5744

Sample Number	Weight (kg wet)				-2.0 mm Table Concentrate Weight (g dry)					Sample Description													
						Heavy Liquid Separation (S.G. 3.3)				Clasts (> 2.0 mm)					Matrix (<2.0 mm)								
							HMC				Percentage				Distribution					Colour			
	Bulk Rec'd	Table Split	+2.0 mm Clasts	Table Feed	Total	Lights	Total	Non Mag	Mag	Size	V/S	GR	LS	OT	S/U	SD	ST	CY	ORG	SD	CY	CLASS
2011-DC-001	10.5	10.0	4.9	5.1	337.5	198.6	138.9	82.4	56.5	P	100	Tr	0	0	U	-	Y	-	Y	DOC	DOC	TILL
2011-DC-040	9.5	9.0	3.4	5.6	291.1	149.3	141.8	94.0	47.8	C	90	10	0	0	U	+	Y	-	Y	DOC	DOC	TILL
2011-DC-041	9.6	9.1	1.5	7.6	388.5	232.6	155.9	119.4	36.5	C	70	30	0	0	U	+	Y	-	Y	DOC	DOC	TILL
2011-DC-042	8.4	7.9	1.9	6.0	338.7	243.3	95.4	69.8	25.6	C	90	10	0	0	U	+	Y	-	Y	DOC	DOC	TILL
2011-DC-043	9.3	8.8	1.7	7.1	322.6	189.0	133.6	92.6	41.0	P	95	5	0	0	U	+	Y	-	N	DOC	DOC	TILL
2011-DC-045	8.7	8.2	1.9	6.3	356.6	157.1	199.5	129.0	70.5	C	100	Tr	0	0	U	+	Y	-	Y	DOC	DOC	TILL
2011-DC-049	9.9	9.4	4.2	5.2	114.3	63.6	50.7	36.6	14.1	C	100	Tr	0	0	U	+	Y	-	Y	DOC	DOC	TILL
2011-DC-050	6.0	5.5	1.6	3.9	197.6	154.9	42.7	34.0	8.7	P	90	10	0	0	U	+	Y	-	+	DOC	DOC	TILL + SOIL
2011-DC-051	8.3	7.8	2.0	5.8	121.1	72.7	48.4	29.4	19.0	C	100	Tr	0	0	U	+	Y	-	Y	DOC	DOC	TILL
2011-DC-052	8.3	7.8	2.7	5.1	165.1	139.4	25.7	16.8	8.9	C	95	5	0	0	U	+	Y	-	Y	DOC	DOC	TILL
2011-DC-053	9.3	8.8	2.4	6.4	141.5	87.0	54.5	34.8	19.7	P	80	20	0	0	U	+	Y	-	Y	DOC	DOC	TILL
2011-DC-054	9.6	9.1	2.1	7.0	194.5	109.7	84.8	49.2	35.6	C	100	Tr	0	0	U	+	Y	-	Y	DOC	DOC	TILL
2011-DC-055	7.8	7.3	1.0	6.3	262.6	136.5	126.1	86.0	40.1	P	100	0	0	0	U	Y	Y	Y	Y	DOC	DOC	TILL
2011-DC-056	8.5	8.0	2.5	5.5	203.3	113.5	89.8	54.1	35.7	P	100	0	0	0	U	Y	Y	Y	Y	DOC	DOC	TILL
2011-DC-057	9.3	8.8	4.2	4.6	215.2	164.4	50.8	31.9	18.9	C	100	0	0	0	U	Y	Y	Y	Y	DOC	DOC	TILL
2011-DC-058	9.8	9.3	3.9	5.4	235.5	170.7	64.8	42.9	21.9	C	100	0	0	0	U	Y	Y	Y	Y	DOC	DOC	TILL
2011-DC-059	9.2	8.7	2.2	6.5	271.5	208.7	62.8	44.4	18.4	P	100	0	0	0	U	Y	Y	Y	Y	DOC	DOC	TILL
2011-DC-060	9.1	8.6	3.2	5.4	276.1	226.3	49.8	28.1	21.7	C	100	0	0	0	U	Y	Y	Y	Y	DOC	DOC	TILL
2011-DC-061	9.3	8.8	3.3	5.5	307.6	277.1	30.5	21.2	9.3	C	100	0	0	0	U	Y	Y	Y	Y	DOC	DOC	TILL
2011-DC-062	9.2	8.7	2.5	6.2	245.1	207.9	37.2	21.1	16.1	C	90	10	0	0	U	Y	Y	Y	Y	DOC	DOC	TILL
2011-DC-063	10.8	10.3	0.1	10.2	274.5	210.9	63.6	61.2	2.4	P	90	10	0	0	U	-	Y	+	Y	DOC	DOC	TILL
2011-DC-064	8.3	7.8	2.9	4.9	239.6	220.8	18.8	11.4	7.4	P	100	0	0	0	U	Y	Y	Y	Y	DOC	DOC	TILL
2011-DC-065	10.6	10.1	6.7	3.4	208.2	192.1	16.1	9.9	6.2	C	90	10	0	0	U	Y	Y	Y	Y	DOC	DOC	TILL
2011-DC-066	8.7	8.2	7.6	0.6	156.8	138.3	18.5	15.4	3.1	C	80	20	0	0	U	-	Y	+	+	DOC	DOC	TILL + SOIL
2011-DC-067	9.5	9.0	2.4	6.6	378.4	329.2	49.2	38.9	10.3	P	100	0	0	0	U	Y	Y	Y	Y	DOC	DOC	TILL
2011-DC-068	13.0	12.5	9.0	3.5	191.7	157.4	34.3	21.4	12.9	P	100	0	0	0	U	+	Y	-	Y	DOC	DOC	TILL
2011-DC-069	8.5	8.0	2.5	5.5	308.8	271.7	37.1	24.0	13.1	P	100	0	0	0	U	Y	Y	Y	Y	DOC	DOC	TILL
2011-DC-070	11.3	10.8	6.7	4.1	278.5	260.4	18.1	15.9	2.2	P	100	0	0	0	U	Y	Y	Y	Y	DOC	DOC	TILL
2011-DC-071	9.3	8.8	2.8	6.0	193.9	144.1	49.8	30.3	19.5	P	100	Tr	0	0	U	Y	Y	Y	Y	DOC	DOC	TILL

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

OVERBURDEN DRILLING MANAGEMENT LIMITED
RAW SAMPLE DESCRIPTIONS AND PROCESSING WEIGHTS

Project: 2011-DC
Filename: MDNR - Elsenheimer (2011-DC) - January 2012
Total Number of Samples in this Report = 96

Batch Number: 5735 and 5744

Sample Number	Weight (kg wet)				-2.0 mm Table Concentrate Weight (g dry)					Sample Description													
						Heavy Liquid Separation (S.G. 3.3)				Clasts (> 2.0 mm)					Matrix (<2.0 mm)								
							HMC				Percentage				Distribution					Colour			
	Bulk Rec'd	Table Split	+2.0 mm Clasts	Table Feed	Total	Lights	Total	Non Mag	Mag	Size	V/S	GR	LS	OT	S/U	SD	ST	CY	ORG	SD	CY	CLASS
2011-DC-001	10.5	10.0	4.9	5.1	337.5	198.6	138.9	82.4	56.5	P	100	Tr	0	0	U	-	Y	-	Y	DOC	DOC	TILL
2011-DC-072	14.3	13.8	8.1	5.7	258.0	120.2	137.8	106.8	31.0	P	90	10	0	0	U	+	Y	-	Y	DOC	DOC	TILL
2011-DC-073	10.4	9.9	4.8	5.1	303.3	157.8	145.5	106.7	38.8	P	20	80	0	0	U	Y	Y	Y	Y	DOC	DOC	TILL
2011-DC-074	9.0	8.5	3.3	5.2	157.1	121.3	35.8	20.0	15.8	P	90	10	0	0	U	Y	Y	Y	Y	DOC	DOC	TILL
2011-DC-076	9.3	8.8	3.4	5.4	166.5	141.1	25.4	16.9	8.5	P	90	10	0	0	U	Y	Y	Y	Y	DOC	DOC	TILL
2011-DC-077	11.2	10.7	4.2	6.5	267.3	203.3	64.0	43.0	21.0	P	90	10	0	0	U	Y	Y	Y	Y	DOC	DOC	TILL
2011-DC-078	9.8	9.3	2.5	6.8	167.3	125.6	41.7	24.9	16.8	P	100	0	0	0	U	Y	Y	Y	Y	DOC	DOC	TILL
2011-DC-079	8.6	8.1	1.2	6.9	264.0	233.1	30.9	22.6	8.3	P	80	20	0	0	U	Y	Y	Y	Y	DOC	DOC	TILL
2011-DC-080	10.3	9.8	2.2	7.6	336.1	307.2	28.9	21.0	7.9	P	90	10	0	0	U	Y	Y	Y	Y	DOC	DOC	TILL
2011-DC-081	12.8	12.3	5.5	6.8	338.4	123.5	214.9	150.3	64.6	P	60	40	0	0	U	+	Y	-	Y	DOC	DOC	TILL
2011-DC-082	10.2	9.7	4.1	5.6	151.0	73.6	77.4	47.2	30.2	P	90	10	0	0	U	Y	Y	Y	Y	DOC	DOC	TILL
2011-DC-083	10.3	9.8	3.5	6.3	207.2	147.2	60.0	35.1	24.9	P	90	10	0	0	U	Y	Y	Y	Y	DOC	DOC	TILL
2011-DC-084	7.1	6.6	1.8	4.8	184.5	139.1	45.4	34.5	10.9	P	80	20	0	0	U	Y	Y	Y	+	DOC	DOC	TILL + SOIL
2011-DC-085	11.4	10.9	5.0	5.9	109.6	21.0	88.6	44.7	43.9	P	80	20	0	0	U	Y	Y	Y	Y	DOC	DOC	TILL
2011-DC-088	10.5	10.0	3.8	6.2	252.2	215.6	36.6	23.5	13.1	P	90	10	0	0	U	Y	Y	Y	Y	DOC	DOC	TILL
2011-DC-089	10.5	10.0	2.9	7.1	314.4	265.4	49.0	31.0	18.0	P	90	10	0	0	U	Y	Y	Y	Y	DOC	DOC	TILL
2011-DC-090	10.4	9.9	1.6	8.3	297.3	236.4	60.9	53.4	7.5	P	90	10	0	0	U	+	Y	-	Y	DOC	DOC	TILL
2011-DC-091	12.8	12.3	9.0	3.3	370.3	275.4	94.9	77.6	17.3	P	0	100	0	0	U	+	Y	-	+	DOC	DOC	TILL + SOIL
2011-DC-092	7.6	7.1	1.8	5.3	283.7	256.2	27.5	25.2	2.3	P	90	10	0	0	U	Y	Y	Y	+	DOC	DOC	TILL + SOIL
2011-DC-093	9.6	9.1	2.5	6.6	411.3	308.3	103.0	79.5	23.5	P	90	10	0	0	U	+	Y	-	Y	DOC	DOC	TILL
2011-DC-094	11.3	10.8	1.8	9.0	224.3	84.2	140.1	132.0	8.1	P	80	20	0	0	U	+	Y	-	Y	DOC	DOC	TILL
2011-DC-096	10.0	9.5	3.2	6.3	336.0	249.7	86.3	58.2	28.1	P	90	10	0	0	U	Y	Y	Y	Y	DOC	DOC	TILL
2011-DC-097	10.7	10.2	2.5	7.7	156.6	100.2	56.4	52.1	4.3	P	90	10	0	0	U	Y	Y	Y	Y	DOC	DOC	TILL
2011-DC-099	9.7	9.2	2.2	7.0	146.5	107.9	38.6	26.6	12.0	P	90	10	0	0	U	Y	Y	Y	Y	DOC	DOC	TILL
2011-DC-100	9.3	8.8	2.1	6.7	196.3	72.2	124.1	73.1	51.0	P	90	10	0	0	U	Y	Y	Y	+	DOC	DOC	TILL + SOIL
2011-DC-101	9.7	9.2	5.0	4.2	111.3	75.7	35.6	23.6	12.0	C	95	5	0	0	U	Y	Y	Y	+	DOC	DOC	TILL + SOIL
2011-DC-102	11.5	11.0	5.6	5.4	219.1	132.5	86.6	49.9	36.7	C	100	Tr	0	0	U	Y	Y	Y	Y	DOC	DOC	TILL
2011-DC-103	9.4	8.9	3.1	5.8	155.8	95.5	60.3	38.6	21.7	C	100	Tr	0	0	U	Y	Y	Y	Y	DOC	DOC	TILL
2011-DC-104	8.7	8.2	4.2	4.0	221.7	178.6	43.1	28.0	15.1	C	100	Tr	0	0	U	Y	Y	Y	Y	DOC	DOC	TILL

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OVERBURDEN DRILLING MANAGEMENT LIMITED
RAW SAMPLE DESCRIPTIONS AND PROCESSING WEIGHTS

Project: 2011-DC
Filename: MDNR - Elsenheimer (2011-DC) - January 2012
Total Number of Samples in this Report = 96

Batch Number: 5735 and 5744

Sample Number	Weight (kg wet)				-2.0 mm Table Concentrate Weight (g dry)					Sample Description													
						Heavy Liquid Separation (S.G. 3.3)				Clasts (> 2.0 mm)					Matrix (<2.0 mm)								
							HMC				Percentage				Distribution					Colour			
	Bulk Rec'd	Table Split	+2.0 mm Clasts	Table Feed	Total	Lights	Total	Non Mag	Mag	Size	V/S	GR	LS	OT	S/U	SD	ST	CY	ORG	SD	CY	CLASS
2011-DC-001	10.5	10.0	4.9	5.1	337.5	198.6	138.9	82.4	56.5	P	100	Tr	0	0	U	-	Y	-	Y	DOC	DOC	TILL
2011-DC-105	8.5	8.0	3.4	4.6	186.0	129.5	56.5	35.3	21.2	C	100	Tr	0	0	U	Y	Y	Y	Y	DOC	DOC	TILL
2011-DC-106	9.3	8.8	4.0	4.8	298.2	262.9	35.3	26.0	9.3	C	100	Tr	0	0	U	Y	Y	Y	Y	DOC	DOC	TILL
2011-DC-107	8.4	7.9	2.6	5.3	182.5	103.9	78.6	50.4	28.2	C	100	Tr	0	0	U	Y	Y	Y	Y	DOC	DOC	TILL
2011-DC-108	8.2	7.7	0.2	7.5	325.7	192.6	133.1	121.6	11.5	P	100	Tr	0	0	S	FM	+	N	Y	DOC	DOC	SAND + SILT
2011-DC-109	9.1	8.6	2.9	5.7	247.6	144.5	103.1	64.1	39.0	P	90	10	0	0	U	Y	Y	Y	Y	DOC	DOC	TILL
2011-DC-110	8.3	7.8	0.8	7.0	214.1	163.8	50.3	38.9	11.4	P	100	Tr	0	0	U	Y	Y	Y	Y	DOC	DOC	TILL
2011-DC-111	5.4	4.9	0.6	4.3	303.6	206.9	96.7	94.1	2.6	P	100	0	0	0	U	-	+	Y	+	BK	BK	TILL + SOIL
2011-DC-112	10.5	10.0	2.8	7.2	397.1	280.0	117.1	114.4	2.7	P	100	Tr	0	0	U	Y	Y	Y	Y	DOC	DOC	TILL
2011-DC-121	9.2	8.7	2.6	6.1	280.2	223.7	56.5	46.3	10.2	P	100	Tr	0	0	U	Y	Y	Y	Y	DOC	DOC	TILL
2011-DC-122	9.6	9.1	3.1	6.0	312.4	254.0	58.4	38.0	20.4	C	100	Tr	0	0	U	Y	Y	Y	Y	DOC	DOC	TILL
2011-DC-123	8.1	7.6	3.7	3.9	175.0	154.6	20.4	14.9	5.5	P	100	Tr	0	0	U	Y	Y	Y	Y	DOC	DOC	TILL

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

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OVERBURDEN DRILLING MANAGEMENT LIMITED
HEAVY MINERAL CONCENTRATE SPLITS

Filename: MDNR - Elsenheimer (2011-DC) - January 2012
Total Number of Samples in this Report = 96

Sample Number	Weights (g) S.G > 3.3 HMC						
		50% Splits of Total HMC (THMC)					
			Split B				
				Nonferro-magnetic	Ferromagnetic (MHMC)*		
	Total	Split A	Total	(NHMC)	Total	50%	50%
2011-DC-001	138.9	69.7	69.2	41.2	28.0	14.0	14.0
2011-DC-002	102.7	51.6	51.1	34.4	16.7	8.3	8.4
2011-DC-003	139.5	70.1	69.4	37.6	31.8	15.9	15.9
2011-DC-004	77.0	38.5	38.5	22.8	15.7	7.9	7.8
2011-DC-009	59.3	29.8	29.5	21.3	8.2	4.1	4.1
2011-DC-010	59.1	29.6	29.5	18.4	11.1	5.6	5.5
2011-DC-011	167.0	83.5	83.5	59.4	24.1	12.1	12.0
2011-DC-012	185.7	93.2	92.5	59.5	33.0	16.5	16.5
2011-DC-013	75.8	37.7	38.1	24.6	13.5	6.7	6.8
2011-DC-014	177.3	89.0	88.3	55.9	32.4	16.2	16.2
2011-DC-015	145.4	73.2	72.2	47.3	24.9	12.4	12.5
2011-DC-018	240.2	120.6	119.6	87.2	32.4	16.2	16.2
2011-DC-019	58.2	29.4	28.8	15.7	13.1	6.5	6.6
2011-DC-020	87.1	43.7	43.4	30.0	13.4	6.7	6.7
2011-DC-021	66.4	33.6	32.8	17.5	15.3	7.7	7.6
2011-DC-022	67.2	33.8	33.4	21.7	11.7	5.8	5.9
2011-DC-023	79.4	39.8	39.6	30.5	9.1	4.6	4.5
2011-DC-024	101.0	50.6	50.4	38.1	12.3	6.1	6.2
2011-DC-025	270.4	136.2	134.2	81.1	53.1	26.6	26.5
2011-DC-026	92.4	46.4	46.0	30.0	16.0	8.0	8.0
2011-DC-027	94.0	47.3	46.7	31.3	15.4	7.7	7.7
2011-DC-028	105.7	52.8	52.9	49.1	3.8	NA	NA
2011-DC-030	68.1	34.2	33.9	23.1	10.8	5.4	5.4
2011-DC-031	97.2	48.9	48.3	32.1	16.2	8.1	8.1
2011-DC-032	110.3	55.3	55.0	38.8	16.2	8.1	8.1
2011-DC-033	133.3	66.9	66.4	44.9	21.5	10.7	10.8
2011-DC-034	139.0	69.3	69.7	48.0	21.7	10.8	10.9
2011-DC-035	142.0	71.3	70.7	48.8	21.9	10.9	11.0
2011-DC-039	73.9	37.2	36.7	20.2	16.5	8.2	8.3
2011-DC-040	141.8	70.9	70.9	47.0	23.9	11.9	12.0
2011-DC-041	155.9	78.4	77.5	59.7	17.8	8.9	8.9
2011-DC-042	95.4	47.8	47.6	34.9	12.7	6.4	6.3
2011-DC-043	133.6	66.6	67.0	46.3	20.7	10.3	10.4
2011-DC-045	199.5	100.1	99.4	64.5	34.9	17.4	17.5
2011-DC-049	50.7	25.4	25.3	18.3	7.0	NA	NA
2011-DC-050	42.7	21.4	21.3	17.0	4.3	NA	NA
2011-DC-051	48.4	24.2	24.2	14.7	9.5	4.7	4.8
2011-DC-052	25.7	12.9	12.8	8.4	4.4	NA	NA
2011-DC-053	54.5	27.3	27.2	17.4	9.8	4.9	4.9
2011-DC-054	84.8	42.8	42.0	24.6	17.4	8.7	8.7

* Ferromagnetic (MHMC) fractions <7 g not split.

2011-DC-055	126.1	63.0	63.1	43.0	20.1	10.1	10.0
2011-DC-056	89.8	44.9	44.9	27.1	17.8	8.9	8.9
2011-DC-057	50.8	25.6	25.2	15.8	9.4	4.7	4.7

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

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OVERBURDEN DRILLING MANAGEMENT LIMITED
HEAVY MINERAL CONCENTRATE SPLITS

Filename: MDNR - Elsenheimer (2011-DC) - January 2012
Total Number of Samples in this Report = 96

Sample Number	Weights (g) S.G > 3.3 HMC						
		50% Splits of Total HMC (THMC)					
			Split B				
				Nonferro-magnetic	Ferromagnetic (MHMC)*		
	Total	Split A	Total	(NHMC)	Total	50%	50%
2011-DC-058	64.8	32.5	32.3	21.4	10.9	5.4	5.5
2011-DC-059	62.8	31.6	31.2	22.2	9.0	4.5	4.5
2011-DC-060	49.8	24.8	25.0	14.1	10.9	5.5	5.4
2011-DC-061	30.5	15.3	15.2	10.6	4.6	NA	NA
2011-DC-062	37.2	18.7	18.5	10.5	8.0	4.0	4.0
2011-DC-063	63.6	31.8	31.8	30.6	1.2	NA	NA
2011-DC-064	18.8	9.4	9.4	5.7	3.7	NA	NA
2011-DC-065	16.1	8.0	8.1	5.0	3.1	NA	NA
2011-DC-066	18.5	9.2	9.3	7.7	1.6	NA	NA
2011-DC-067	49.2	24.6	24.6	19.5	5.1	NA	NA
2011-DC-068	34.3	17.2	17.1	10.7	6.4	NA	NA
2011-DC-069	37.1	18.6	18.5	12.0	6.5	NA	NA
2011-DC-070	18.1	9.0	9.1	8.0	1.1	NA	NA
2011-DC-071	49.8	24.9	24.9	15.2	9.7	4.9	4.8
2011-DC-072	137.8	68.9	68.9	53.4	15.5	7.8	7.7
2011-DC-073	145.5	72.7	72.8	53.4	19.4	9.7	9.7
2011-DC-074	35.8	17.9	17.9	10.0	7.9	4.0	3.9
2011-DC-076	25.4	12.7	12.7	8.5	4.2	NA	NA
2011-DC-077	64.0	32.0	32.0	21.5	10.5	5.3	5.2
2011-DC-078	41.7	20.8	20.9	12.5	8.4	4.2	4.2
2011-DC-079	30.9	15.5	15.4	11.3	4.1	NA	NA
2011-DC-080	28.9	14.5	14.4	10.5	3.9	NA	NA
2011-DC-081	214.9	107.3	107.6	75.2	32.4	16.2	16.2
2011-DC-082	77.4	38.7	38.7	23.6	15.1	7.6	7.5
2011-DC-083	60.0	30.0	30.0	17.6	12.4	6.2	6.2
2011-DC-084	45.4	22.7	22.7	17.3	5.4	NA	NA
2011-DC-085	88.6	44.3	44.3	22.4	21.9	11.0	10.9
2011-DC-088	36.6	18.2	18.4	11.8	6.6	NA	NA
2011-DC-089	49.0	24.5	24.5	15.5	9.0	4.5	4.5
2011-DC-090	60.9	30.5	30.4	26.7	3.7	NA	NA
2011-DC-091	94.9	47.5	47.4	38.8	8.6	4.3	4.3
2011-DC-092	27.5	10.5	17.0	12.6	4.4	NA	NA
2011-DC-093	103.0	51.5	51.5	39.8	11.7	5.9	5.8
2011-DC-094	140.1	70.3	69.8	65.8	4.0	NA	NA
2011-DC-096	86.3	43.2	43.1	29.1	14.0	7.0	7.0
2011-DC-097	56.4	28.2	28.2	26.1	2.1	NA	NA
2011-DC-099	38.6	19.3	19.3	13.3	6.0	NA	NA
2011-DC-100	124.1	62.0	62.1	36.6	25.5	12.8	12.7
2011-DC-101	35.6	17.8	17.8	11.8	6.0	NA	NA
2011-DC-102	86.6	43.3	43.3	25.0	18.3	9.2	9.1
2011-DC-103	60.3	30.2	30.1	19.3	10.8	5.4	5.4
2011-DC-104	43.1	21.6	21.5	14.0	7.5	3.8	3.7
2011-DC-105	56.5	28.2	28.3	17.7	10.6	5.3	5.3
2011-DC-106	35.3	17.7	17.6	13.0	4.6	NA	NA

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

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OVERBURDEN DRILLING MANAGEMENT LIMITED
HEAVY MINERAL CONCENTRATE SPLITS

Filename: MDNR - Elsenheimer (2011-DC) - January 2012
Total Number of Samples in this Report = 96

Sample Number	Weights (g) S.G > 3.3 HMC						
		50% Splits of Total HMC (THMC)					
			Split B				
				Nonferro-magnetic	Ferromagnetic (MHMC)*		
	Total	Split A	Total	(NHMC)	Total	50%	50%
2011-DC-107	78.6	39.3	39.3	25.2	14.1	7.1	7.0
2011-DC-108	133.1	66.6	66.5	60.8	5.7	NA	NA
2011-DC-109	103.1	51.5	51.6	32.1	19.5	9.8	9.7
2011-DC-110	50.3	25.1	25.2	19.5	5.7	NA	NA
2011-DC-111	96.7	48.6	48.1	46.9	1.2	NA	NA
2011-DC-112	117.1	58.6	58.5	57.1	1.4	NA	NA
2011-DC-121	56.5	28.3	28.2	23.1	5.1	NA	NA
2011-DC-122	58.4	29.2	29.2	19.0	10.2	5.1	5.1
2011-DC-123	20.4	10.1	10.3	7.5	2.8	NA	NA

* Ferromagnetic (MHMC) fractions <7 g not split.

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

OVERBURDEN DRILLING MANAGEMENT LIMITED
LABORATORY ABBREVIATIONS

SEDIMENT LOG

Largest Clasts Present:

G: Granules
P: Pebbles
C: Cobbles

Clast Composition:

V/S: Volcanics and/or sediments
GR: Granitics
LS: Limestone, carbonates
OT: Other Lithologies (refer to footnotes)
TR: Only trace present
NA: Not applicable
OX: Very oxidized, undifferentiated

Matrix Grain Size Distribution:

S/U: Sorted or Unsorted
SD: Sand (F: Fine; M: Medium; C: Coarse)
ST: Silt
CY: Clay
Y: Fraction present
+: Fraction more abundant than normal
-: Fraction less abundant than normal
N: Fraction not present

Matrix Organics:

ORG: Y: Organics present in matrix
N: Organics absent or negligible in matrix
+: Matrix is mainly organic

Matrix Colour:

Primary:
BE: Beige
GY: Grey
GB: Grey-beige
GN: Green
GG: Grey-green
PP: Purple
PK: Pink
PB: Pink-Beige

Secondary (soil):
OC: Ochre
BN: Brown
BK: Black

Secondary Colour Modifier:

L: Light
M: Medium
D: Dark

GOLD GRAIN LOG

Thickness:

VG: Visible gold grains
M: Actual measured thickness of grain (microns)
C: Thickness of grain (microns) calculated from measured width and length

KIM (kimberlite indicator mineral) LOG

OVERBURDEN DRILLING MANAGEMENT LIMITED
LABORATORY ABBREVIATIONS

SEDIMENT LOG

Largest Clasts Present:

G: Granules
P: Pebbles
C: Cobbles

Clast Composition:

V/S: Volcanics and/or sediments
GR: Granitics
LS: Limestone, carbonates

Matrix Organics:

ORG: Y: Organics present in matrix
N: Organics absent or negligible in matrix
+: Matrix is mainly organic

Matrix Colour:

Primary:
BE: Beige

GP: Purple to red peridotitic garnet (G9/10 Cr-pyrope)
GO: Orange mantle garnet; includes both eclogitic pyrope-almandine (G3) and Cr-poor megacrystic pyrope (G1/G2) varieties; may include unchecked (by SEM) grains of common crustal garnet (G5) lacking diagnostic inclusions or crystal faces
DC: Cr-diopside; distinctly emerald green (paler emerald green low-Cr diopside picked separately)
IM: Mg-ilmenite; may include unchecked (by SEM) grains of common crustal ilmenite lacking diagnostic inclusions or crystal faces
CR: Chromite
FO: Forsterite

MMSIM (metamorphosed or magmatic massive sulphide indicator mineral) and PCIM (porphyry Cu indicator mineral) LOGS

Adr:	Andradite	Cr:	Chromite	Ky:	Kyanite	Sil:	Sillimanite	Ttn:	Titanite
Ap:	Apatite	Fay:	Fayalite	Mz:	Monazite	Spi:	Spinel		
Ase:	Anatase	Gh:	Gahnite	Ol:	Olivine	Sps:	Spessartine		
Ax:	Axinite	Gr:	Grossular	Opx:	Orthopyroxene	St:	Staurolite		
Cpy:	Chalcopyrite	Gth:	Goethite	Py:	Pyrite	Tm:	Tourmaline		