

DATA TRANSMITTAL REPORT

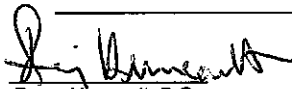
DATE: 23-Jan-2013
ATTENTION: **Mr. Donald Eisenheimer**
CLIENT: **Minnesota Department of Natural Resources**
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NO. OF PAGES: 5
PROJECT: **Cook Area Till Sampling**
FILE NAME: **20126062 - MDNR - Eisenheimer - Cook Area Till Sampling - 2012**
SAMPLE NUMBERS: **CATS-091 to 105, 107 to 112, 114 to 116 and 118**
BATCH NUMBER: **6062**
TOTAL SAMPLES: **25**
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:

Heavy mineral concentrate weights now complete.



Remy Huneault, P. Geo.
Laboratory Manager

**OVERBURDEN DRILLING MANAGEMENT LIMITED
RAW SAMPLE DESCRIPTIONS AND PROCESSING WEIGHTS**

Filename: 20126062 - MDNR - Eisenheimer - Cook Area Till Sampling - 2012

Total Number of Samples in this Report = 25

Batch Number: 6062

Sample Number	Weight (kg wet)				-2.0 mm Table Concentrate Weight (g dry)					Sample Description										CLASS		
					Heavy Liquid Separation (S.G. 3.3)					Clasts (> 2.0 mm)				Matrix (<2.0 mm)								
	Bulk Rec'd	Table Split	+2.0 mm Clasts	Table Feed	Total	Lights	HMC			S i z e	Percentage				Distribution				Colour			
							Total	Non Mag	Mag		V/S	GR	LS	OT*	SU	SD	ST	CY	O R G		SD	CY
CATS-091	10.4	9.9	2.2	7.7	231.5	220.0	11.5	10.8	0.7	P	80	20	0	0	U	Y	+	-	N	OC	OC	TILL
CATS-092	12.4	11.9	3.7	8.2	146.9	132.7	14.2	10.4	3.8	P	80	20	0	0	S	MC	Y	N	N	OC	NA	SAND + GRAVEL
CATS-093	8.1	7.6	0.7	6.9	167.1	142.5	24.6	21.8	2.8	P	80	20	0	0	U	Y	+	-	N	OC	OC	TILL
CATS-094	10.9	10.4	0.5	9.9	252.1	167.2	84.9	69.3	15.6	P	80	20	0	0	U	Y	+	-	N	OC	OC	TILL
CATS-095	10.3	9.8	2.6	7.2	166.4	147.8	18.6	13.2	5.4	P	80	20	0	0	U	+	Y	-	N	OC	OC	TILL
CATS-096	9.3	8.8	0.9	7.9	141.2	132.1	9.1	8.4	0.7	P	90	10	0	0	U	Y	Y	Y	N	DOC	DOC	TILL
CATS-097	7.5	7.0	0.8	6.2	91.3	85.4	5.9	3.8	2.1	P	80	20	0	0	U	-	+	-	N	DOC	DOC	TILL
CATS-098	8.2	7.7	0.8	6.9	138.0	133.6	4.4	3.7	0.7	P	90	10	0	0	U	Y	+	-	N	OC	OC	TILL
CATS-099	10.7	10.2	2.8	7.4	240.1	228.7	11.4	9.6	1.8	P	60	40	0	0	U	Y	+	-	N	LOC	LOC	TILL
CATS-100	10.3	9.8	2.0	7.8	167.8	158.5	9.3	8.1	1.2	P	90	10	0	0	U	Y	+	-	N	OC	OC	TILL
CATS-101	8.5	8.0	0.6	7.4	174.2	162.7	11.5	9.4	2.1	P	50	50	0	0	U	-	+	-	N	OC	OC	TILL
CATS-102	9.7	9.2	2.3	6.9	218.6	203.4	15.2	11.7	3.5	P	40	60	0	0	U	Y	Y	Y	N	OC	OC	TILL
CATS-103	9.2	8.7	0.8	7.9	159.5	152.2	7.3	6.7	0.6	P	50	50	0	0	U	+	+	-	N	OC	OC	TILL
CATS-104	11.1	10.6	3.3	7.3	256.9	244.9	12.0	8.4	3.6	P	40	60	0	0	U	+	+	-	Y	OC	OC	TILL
CATS-105	9.3	8.8	0.3	8.5	154.7	94.9	59.8	38.2	21.6	P	60	40	0	0	S	F	+	-	N	DOC	DOC	SAND + SILT
CATS-107	10.3	9.8	1.3	8.5	138.6	104.7	33.9	21.3	12.6	P	60	40	0	0	U	Y	Y	Y	N	OC	OC	TILL
CATS-108	8.3	7.8	1.2	6.6	236.3	224.9	11.4	9.0	2.4	P	90	10	0	Tr	U	Y	+	-	+	LOC	LOC	TILL + SOIL
CATS-109	10.5	10.0	1.6	8.4	282.4	272.5	9.9	9.2	0.7	P	90	10	0	0	U	Y	Y	Y	N	LOC	LOC	TILL
CATS-110	9.5	9.0	1.4	7.6	199.0	192.3	6.7	4.4	2.3	P	90	10	0	Tr	U	Y	+	-	N	DOC	DOC	TILL
CATS-111	10.5	10.0	3.4	6.6	154.4	137.2	17.2	11.2	6.0	P	90	10	0	Tr	U	+	Y	-	N	OC	OC	TILL
CATS-112	8.7	8.2	0.7	7.5	220.2	201.2	19.0	16.5	2.5	P	10	90	0	0	U	Y	Y	Y	N	OC	OC	TILL
CATS-114	10.4	9.9	1.6	8.3	100.0	84.0	16.0	12.5	3.5	P	20	80	0	0	U	Y	+	-	N	OC	OC	TILL
CATS-115	11.1	10.6	6.1	4.5	155.5	138.0	17.5	11.6	5.9	P	20	80	0	0	S	MC	Y	N	N	OC	NA	SAND + GRAVEL
CATS-116	9.9	9.4	1.3	8.1	146.9	133.7	13.2	12.5	0.7	P	30	70	0	0	U	Y	Y	Y	N	LOC	BE	TILL
CATS-118	9.6	9.1	1.2	7.9	61.9	60.0	1.9	1.8	0.1	P	30	70	0	0	U	Y	+	-	N	GB	BE	TILL

*Clasts listed as "other" are iron formation.

**OVERBURDEN DRILLING MANAGEMENT LIMITED
GOLD GRAIN SUMMARY**

Filename: 20126062 - MDNR - Elsenheimer - Cook Area Till Sampling - 2012

Total Number of Samples in this Report = 25

Batch Number: 6062

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
CATS-091	0	0	0	0	10.8	0	0	0	0
CATS-092	0	0	0	0	10.4	0	0	0	0
CATS-093	0	0	0	0	21.8	0	0	0	0
CATS-094	4	3	1	0	69.3	1	1	<1	0
CATS-095	3	3	0	0	13.2	15	15	0	0
CATS-096	1	1	0	0	8.4	10	10	0	0
CATS-097	0	0	0	0	3.8	0	0	0	0
CATS-098	1	1	0	0	3.7	405	405	0	0
CATS-099	4	2	2	0	9.6	2	1	1	0
CATS-100	1	1	0	0	8.1	46	46	0	0
CATS-101	0	0	0	0	9.4	0	0	0	0
CATS-102	0	0	0	0	11.7	0	0	0	0
CATS-103	0	0	0	0	6.7	0	0	0	0
CATS-104	1	1	0	0	8.4	1	1	0	0
CATS-105	2	1	1	0	38.2	4	2	2	0
CATS-107	4	3	1	0	21.3	9	9	<1	0
CATS-108	0	0	0	0	9.0	0	0	0	0
CATS-109	0	0	0	0	9.2	0	0	0	0
CATS-110	2	2	0	0	4.4	62	62	0	0
CATS-111	1	0	1	0	11.2	<1	0	<1	0
CATS-112	1	1	0	0	16.5	5	5	0	0
CATS-114	1	1	0	0	12.5	15	15	0	0
CATS-115	0	0	0	0	11.6	0	0	0	0
CATS-116	1	1	0	0	12.5	81	81	0	0
CATS-118	2	1	1	0	1.8	214	107	107	0

**OVERBURDEN DRILLING MANAGEMENT LIMITED
DETAILED GOLD GRAIN DATA**

Filename: 20126062 - MDNR - Elsenheimer - Cook Area Till Sampling - 2012

Total Number of Samples in this Report = 25

Batch Number: 6062

Sample Number	Panned Yes/No	Dimensions (microns)			Number of Visible Gold Grains				Nonmag HMC Weight (g)	Calculated V.G. Assay in HMC (ppb)	Metallic Minerals in Pan Concentrate
		Thickness	Width	Length	Reshaped	Modified	Pristine	Total			
CATS-091	No	NO VISIBLE GOLD									
CATS-092	No	NO VISIBLE GOLD									
CATS-093	No	NO VISIBLE GOLD									
CATS-094	No	3 C	15	15	2			2			
		5 C	25	25	1	1		2			
								4	69.3	1	
CATS-095	No	3 C	15	15	2			2			
		10 C	50	50	1			1			
								3	13.2	15	
CATS-096	No	8 C	25	50	1			1			
								1	8.4	10	
CATS-097	No	NO VISIBLE GOLD									
CATS-098	No	20 C	75	125	1			1			
								1	3.7	405	
CATS-099	No	3 C	15	15	2	2		4			
								4	9.6	2	
CATS-100	No	13 C	50	75	1			1			
								1	8.1	46	
CATS-101	No	NO VISIBLE GOLD									
CATS-102	No	NO VISIBLE GOLD									
CATS-103	No	NO VISIBLE GOLD									
CATS-104	No	3 C	15	15	1			1			
								1	8.4	1	
CATS-105	No	8 C	25	50	1	1		2			
								2	38.2	4	
CATS-107	No	3 C	15	15			1	1			
		5 C	25	25	1			1			
		8 C	25	50	2			2			
								4	21.3	9	
CATS-108	No	NO VISIBLE GOLD									
CATS-109	No	NO VISIBLE GOLD									
CATS-110	No	8 C	25	50	1			1			
		10 C	50	50	1			1			
								2	4.4	62	
CATS-111	No	3 C	15	15		1		1			
								1	11.2	<1	
CATS-112	No	8 C	25	50	1			1			
								1	16.5	5	
CATS-114	No	10 C	25	75	1			1			
								1	12.5	15	

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Sample Number	Panned Yes/No	Dimensions (microns)			Number of Visible Gold Grains				Nonmag HMC Weight (g)	Calculated V.G. Assay in HMC (ppb)	Metallic Minerals in Pan Concentrate
		Thickness	Width	Length	Reshaped	Modified	Pristine	Total			
CATS-115	No	NO VISIBLE GOLD									
CATS-116	No	18 C	75	100	1				1		
									1	12.5	81
CATS-118	No	10 C	50	50	1	1			2		
									2	1.8	214