

DATA TRANSMITTAL REPORT

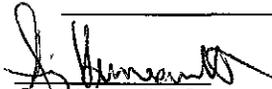
DATE: 22-Jan-2013
ATTENTION: **Mr. Donald Eisenheimer**
CLIENT: **Minnesota Department of Natural Resources**
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55155-4045 USA
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NO. OF PAGES: 6
PROJECT: **Cook Area Till Sampling**
FILE NAME: **20126056 - MDNR - Eisenheimer - Cook Area Till Sampling - 2012**
SAMPLE NUMBERS: **CATS-001 to 005, 007 to 020, 022 to 042 and 045**
BATCH NUMBER: **6056**
TOTAL SAMPLES: **40**
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: 20126056 - MDNR - Eisenheimer - Cook Area Till Sampling - 2012

Total Number of Samples in this Report = 40

Batch Number: 6056

Sample Number	Weight (kg wet)				-2.0 mm Table Concentrate Weight (g dry)					Sample Description										CLASS		
	Bulk Rec'd	Table Split	+2.0 mm Clasts	Table Feed	Total	Heavy Liquid Separation (S.G. 3.3)			Size	Clasts (> 2.0 mm)				Matrix (<2.0 mm)								
						Lights	HMC			W/S	GR	LS	OT*	Distribution				O R G	Colour			
							Total	Non Mag						Mag	S/U	SD	ST		CY		SD	CY
CATS-001	8.9	8.4	0.7	7.7	183.6	97.8	85.8	83.6	2.20	C	5	95	0	0	U	Y	+	-	N	OC	OC	TILL
CATS-002	10.2	9.7	2.1	7.6	386.0	329.8	56.2	43.3	12.90	C	Tr	100	0	0	U	Y	+	-	N	OC	OC	TILL
CATS-003	9.9	9.4	0.7	8.7	201.3	57.9	143.4	101.7	41.70	C	Tr	100	0	0	U	Y	+	-	N	OC	OC	TILL
CATS-004	11.2	10.7	4.7	6.0	228.2	215.4	12.8	6.7	4.10	C	10	90	0	0	U	+	Y	-	N	OC	OC	TILL
CATS-005	11.2	10.7	4.1	6.6	225.8	187.7	38.1	18.0	20.10	C	5	95	0	0	U	Y	+	-	N	OC	OC	TILL
CATS-007	10.6	10.1	1.9	8.2	240.4	228.4	12.0	11.2	0.80	C	5	95	0	0	U	Y	Y	Y	N	OC	OC	TILL
CATS-008	10.1	9.6	3.6	6.0	237.1	226.6	10.5	5.6	4.90	C	5	95	0	0	U	Y	+	-	N	OC	OC	TILL
CATS-009	8.7	8.2	1.1	7.1	224.4	219.3	5.1	4.5	0.60	C	10	90	0	0	U	Y	+	-	N	OC	OC	TILL
CATS-010	9.0	8.5	3.3	5.2	305.3	295.9	9.4	5.7	3.70	C	10	90	0	0	U	+	Y	-	N	DOC	DOC	TILL
CATS-011	10.3	9.8	3.4	6.4	462.8	402.3	60.5	29.5	31.00	C	20	80	0	0	U	+	Y	-	N	OC	OC	TILL
CATS-012	12.4	11.9	2.2	9.7	379.9	332.1	47.8	26.7	21.10	C	90	10	0	0	U	Y	Y	Y	N	OC	OC	TILL
CATS-013	8.1	7.6	3.4	4.2	269.7	254.1	15.6	9.2	6.40	C	85	15	0	0	U	+	Y	-	+	OC	OC	TILL + SOIL
CATS-014	12.1	11.6	7.3	4.3	197.7	140.2	57.5	20.2	37.30	C	95	5	0	0	S	MC	-	N	N	OC	NA	SAND + GRAVEL
CATS-015	8.3	7.8	0.7	7.1	245.9	207.8	38.1	32.3	5.80	C	80	20	0	0	U	Y	+	-	N	OC	OC	TILL
CATS-016	7.0	6.5	0.2	6.3	205.4	201.8	3.6	3.1	0.50	C	90	10	0	0	U	Y	+	-	N	OC	OC	TILL
CATS-017	9.0	8.5	1.2	7.3	446.8	437.5	9.3	9.1	0.20	C	60	40	0	0	U	Y	+	-	N	DOC	DOC	TILL
CATS-018	9.7	9.2	2.9	6.3	364.1	338.2	25.9	19.2	6.70	C	80	20	0	0	U	Y	+	-	N	OC	OC	TILL
CATS-019	11.0	10.5	5.2	5.3	316.9	285.7	31.2	25.5	5.70	C	85	15	0	0	U	+	Y	-	+	OC	OC	TILL + SOIL
CATS-020	9.7	9.2	1.1	8.1	213.1	159.2	53.9	45.5	8.40	C	40	60	0	0	U	Y	Y	Y	N	OC	OC	TILL
CATS-022	8.8	8.3	1.2	7.1	254.5	193.9	60.6	56.4	4.20	C	40	60	0	0	U	Y	+	-	N	OC	OC	TILL
CATS-023	9.0	8.5	0.3	8.2	136.6	108.2	28.4	28.3	0.06	P	10	90	0	0	U	Y	Y	Y	N	LOC	LOC	TILL
CATS-024	10.6	10.1	2.7	7.4	131.0	119.5	11.5	8.2	3.30	P	100	0	0	Tr	U	Y	Y	Y	N	LOC	LOC	TILL
CATS-025	11.2	10.7	2.5	8.2	154.9	125.9	29.0	15.4	13.60	P	60	40	0	Tr	U	+	Y	-	N	LOC	LOC	TILL
CATS-026	9.7	9.2	2.3	6.9	237.4	167.1	70.3	44.8	25.50	P	20	80	0	Tr	U	+	Y	-	N	DOC	DOC	TILL
CATS-027	8.7	8.2	0.7	7.5	101.0	90.2	10.8	9.7	1.10	P	Tr	100	0	Tr	U	Y	-	-	N	LOC	LOC	TILL
CATS-028	12.4	11.9	5.3	6.6	144.5	123.5	21.0	16.0	5.00	C	60	40	0	Tr	S	MC	-	N	N	GY	NA	SAND + GRAVEL
CATS-029	12.6	12.1	4.3	7.8	166.3	135.3	31.0	20.7	10.30	P	50	50	0	Tr	S	MC	-	N	N	OC	NA	SAND + GRAVEL
CATS-030	11.5	11.0	2.8	8.2	106.9	85.0	21.9	16.7	5.20	P	90	10	0	Tr	U	Y	Y	Y	N	LOC	LOC	TILL
CATS-032	8.2	7.7	0.5	7.2	162.1	159.4	2.7	2.6	0.10	P	80	20	0	0	U	Y	+	-	N	OC	OC	TILL
CATS-033	11.0	10.5	2.4	8.1	182.6	147.9	34.7	34.0	0.70	P	70	30	0	Tr	U	Y	+	-	N	DOC	DOC	TILL
CATS-034	10.7	10.2	1.4	8.8	170.8	95.2	75.6	56.8	18.80	P	80	20	0	Tr	U	+	Y	-	N	LOC	LOC	TILL
CATS-035	9.8	9.3	2.5	6.8	149.3	143.2	6.1	6.0	0.10	P	80	20	0	Tr	U	+	Y	-	N	GB	GB	TILL
CATS-036	9.2	8.7	2.0	6.7	154.6	149.0	5.6	5.3	0.30	P	80	20	0	Tr	U	Y	+	-	N	OC	OC	TILL
CATS-037	7.7	7.2	1.8	5.4	100.8	96.1	4.7	4.2	0.50	P	70	30	0	0	U	+	Y	-	+	GB	GB	TILL + SOIL
CATS-038	8.8	8.3	1.4	6.9	148.0	143.2	4.8	4.6	0.20	P	60	40	0	Tr	U	Y	+	-	N	BE	BE	TILL
CATS-039	12.6	12.1	7.0	5.1	172.4	167.6	4.8	3.7	1.10	P	80	20	0	Tr	S	MC	-	N	Y	GB	NA	SAND + GRAVEL
CATS-040	9.1	8.6	1.7	6.9	114.6	111.9	2.7	2.7	<0.01	P	80	20	0	0	U	+	+	-	Y	GB	GB	TILL
CATS-041	10.4	9.9	0.9	9.0	143.7	135.4	8.3	8.2	0.10	P	60	40	0	Tr	U	Y	Y	Y	N	BE	BE	TILL
CATS-042	11.5	11.0	3.2	7.8	182.8	166.6	16.2	12.1	4.10	P	30	70	0	Tr	U	+	Y	-	N	BE	BE	TILL
CATS-045	9.1	8.6	1.7	6.9	130.5	123.6	6.9	6.4	0.50	P	60	40	0	Tr	U	Y	+	-	N	LOC	LOC	TILL

* Clasts listed as "other" are iron formation.

** Values greater than 0.1 g were weighed only to one decimal place; the zero was added in the second decimal position to facilitate column alignment.

**OVERBURDEN DRILLING MANAGEMENT LIMITED
GOLD GRAIN SUMMARY**

Filename: 20126056 - MDNR - Elsenheimer - Cook Area Till Sampling - 2012

Total Number of Samples in this Report = 40

Batch Number: 6056

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-001	10	9	1	0	83.6	32	31	1	0
CATS-002	2	2	0	0	43.3	5	5	0	0
CATS-003	4	4	0	0	101.7	2	2	0	0
CATS-004	0	0	0	0	8.7	0	0	0	0
CATS-005	2	1	1	0	18.0	41	21	21	0
CATS-007	1	1	0	0	11.2	<1	<1	0	0
CATS-008	2	1	1	0	5.6	71	67	4	0
CATS-009	0	0	0	0	4.5	0	0	0	0
CATS-010	0	0	0	0	5.7	0	0	0	0
CATS-011	6	5	1	0	29.5	92	85	7	0
CATS-012	0	0	0	0	26.7	0	0	0	0
CATS-013	1	1	0	0	9.2	3	3	0	0
CATS-014	1	1	0	0	20.2	4	4	0	0
CATS-015	0	0	0	0	32.3	0	0	0	0
CATS-016	0	0	0	0	3.1	0	0	0	0
CATS-017	4	2	2	0	9.1	2	1	1	0
CATS-018	1	1	0	0	19.2	33	33	0	0
CATS-019	2	2	0	0	25.5	3	3	0	0
CATS-020	4	3	1	0	45.5	1	1	<1	0
CATS-022	7	4	3	0	56.4	2	1	1	0
CATS-023	2	1	0	1	28.3	3	3	0	<1
CATS-024	4	4	0	0	8.2	89	89	0	0
CATS-025	2	2	0	0	15.4	90	90	0	0
CATS-026	1	0	0	1	44.8	2	0	0	2
CATS-027	3	3	0	0	9.7	42	42	0	0
CATS-028	3	1	1	1	16.0	10	5	2	3
CATS-029	0	0	0	0	20.7	0	0	0	0
CATS-030	3	3	0	0	16.7	555	555	0	0
CATS-032	2	1	0	1	2.6	256	246	0	9
CATS-033	0	0	0	0	34.0	0	0	0	0
CATS-034	3	3	0	0	56.8	11	11	0	0
CATS-035	1	1	0	0	6.0	14	14	0	0
CATS-036	1	1	0	0	5.3	36	36	0	0
CATS-037	0	0	0	0	4.2	0	0	0	0
CATS-038	0	0	0	0	4.6	0	0	0	0
CATS-039	0	0	0	0	3.7	0	0	0	0
CATS-040	0	0	0	0	2.7	0	0	0	0
CATS-041	0	0	0	0	8.2	0	0	0	0
CATS-042	0	0	0	0	12.1	0	0	0	0
CATS-045	4	0	2	2	6.4	50	0	34	17

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

Filename: 20126056 - MDNR - Elsenheimer - Cook Area Till Sampling - 2012

Total Number of Samples in this Report = 40

Batch Number: 6056

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-001	Yes	5 C	25	25	1			1			1 grain pyrite (75µm).
		8 C	25	50	2	1		3			
		10 C	25	75	1			1			
		10 C	50	50	1			1			
		13 C	50	75	2			2			
		15 C	75	75	2			2			
							10	83.6	32		
CATS-002	No	5 C	25	25	1			1			
		10 C	50	50	1			1			
							2	43.3	5		
CATS-003	No	5 C	25	25	2			2			
		8 C	25	50	2			2			
							4	101.7	2		
CATS-004	No	NO VISIBLE GOLD									
CATS-005	No	13 C	50	75	1	1		2			
							2	18.0	41		
CATS-007	No	3 C	15	15	1			1			
							1	11.2	<1		
CATS-008	No	5 C	25	25		1		1			
		13 C	50	75	1			1			
							2	5.6	71		
CATS-009	No	NO VISIBLE GOLD									
CATS-010	No	NO VISIBLE GOLD									
CATS-011	No	5 C	25	25	1			1			
		10 C	50	50	1	1		2			
		15 C	50	100	1			1			
		15 C	75	75	1			1			
		18 C	75	100	1			1			
							6	29.5	92		
CATS-012	No	NO VISIBLE GOLD									
CATS-013	No	5 C	25	25	1			1			
							1	9.2	3		
CATS-014	No	8 C	25	50	1			1			
							1	20.2	4		
CATS-015	No	NO VISIBLE GOLD									
CATS-016	No	NO VISIBLE GOLD									
CATS-017	No	3 C	15	15	2	2		4			
							4	9.1	2		
CATS-018	No	15 C	75	75	1			1			
							1	19.2	33		
CATS-019	No	3 C	15	15	1			1			
		8 C	25	50	1			1			
							2	25.5	3		
CATS-020	No	3 C	15	15	1	1		2			
		5 C	25	25	2			2			
							4	45.5	1		

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DETAILED GOLD GRAIN DATA**

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Total Number of Samples in this Report = 40

Batch Number: 6056

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-022	No	3 C	15	15	2	2		4	56.4	2	
		5 C	25	25	2	1		3			
								7			
CATS-023	No	3 C	15	15				1	28.3	3	
		8 C	25	50	1			1			
								2			
CATS-024	No	8 C	25	50	2			2	8.2	89	
		10 C	50	50	1			1			
		13 C	50	75	1			1			
								4			
CATS-025	No	13 C	50	75	1			1	15.4	90	
		18 C	50	125	1			1			
								2			
CATS-026	No	8 C	25	50				1	44.8	2	
								1			
CATS-027	No	3 C	15	15	1			1	9.7	42	
		5 C	25	25	1			1			
		13 C	50	75	1			1			
								3			
CATS-028	No	7 C	15	50				1	16.0	10	
		5 C	25	25		1		1			
		8 C	25	50	1			1			
								3			
CATS-029	No	NO VISIBLE GOLD									
CATS-030	No	10 C	50	50	1			1	16.7	555	
		15 C	50	100	1			1			
		50 M	100	200	1			1			
								3			
CATS-032	No	5 C	25	25				1	2.6	256	
		15 C	50	100	1			1			
								2			
CATS-033	No	NO VISIBLE GOLD									
CATS-034	No	8 C	25	50	1			1	56.8	11	
		10 C	50	50	1			1			
		13 C	50	75	1			1			
								3			
CATS-035	No	8 C	25	50	1			1	6.0	14	
								1			
CATS-036	No	10 C	50	50	1			1	5.3	36	
								1			
CATS-037	No	NO VISIBLE GOLD									
CATS-038	No	NO VISIBLE GOLD									
CATS-039	No	NO VISIBLE GOLD									
CATS-040	No	NO VISIBLE GOLD									

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		Thickness	Width	Length	Reshaped	Modified	Pristine	Total			
CATS-041	No	NO VISIBLE GOLD									
CATS-042	No	NO VISIBLE GOLD									
CATS-045	No	5 C	25	25		1	1	2			
		8 C	25	50			1	1			
		10 C	50	50		1		1			
								<u>4</u>	6.4	50	