

Normalized gold grain counts and UTM coordinates for eighteen (18) shallow samples and one (1) trench sample (BFT-22) of Rainy Lobe till that overlies an Archean greenstone belt in Northeastern Itasca County, Minnesota. Samples were processed by Overburden Drilling Management, Ltd., and results provided in a laboratory report dated 24 June, 2010. The Mn DNR took these raw results and normalized them to a 10kg table weight using the reported table feeds. See associated map for shallow sample locations. See Mn DNR December 15, 2009 data release for trench location and description.



Sample Number	UTM E	UTM N	Table Wt (kg)	Number of Visible Gold Grains				Normalized Number of Visible Gold Grains (10kg sample size)				Nonmag HMC Wt (g)	Calculated PPB Visible Gold in HMC			
				Total	Reshaped	Modified	Pristine	Total	Reshaped	Modified	Pristine					
BF-103	489749	5283671	9.3	6	3	3	0	6	3	3	0	23.3	118	29	89	0
BF-105	490496	5284080	10.8	36	29	5	2	33	27	5	2	57.2	413	397	14	2
BF-106	489266	5283999	11.8	10	7	3	0	8	6	3	0	23.4	45	44	1	0
BF-107	488886	5284807	9.7	8	6	2	0	8	6	2	0	20.2	22	21	1	0
BF-108	489527	5284454	15.9	8	8	0	0	5	5	0	0	45.3	156	156	0	0
BF-110	488175	5286585	10.8	2	1	0	1	2	1	0	1	47.1	1	1	0	1
BF-112	488412	5286090	10.3	1	0	1	0	1	0	1	0	6.7	29	0	29	0
BF-113	488170	5286952	10.2	15	13	1	1	15	13	1	1	32.1	241	240	1	1
BF-114	488726	5286666	8.1	5	5	0	0	6	6	0	0	18.1	68	68	0	0
BF-115	489150	5286943	9.6	17	17	0	0	18	18	0	0	43.0	114	114	0	0
BF-116	489713	5286390	9.4	14	13	1	0	15	14	1	0	12.3	165	165	<1	0
BF-119	490687	5287531	13.1	16	16	0	0	12	12	0	0	35.8	3540	3540	0	0
BF-120	491166	5287296	11.8	6	6	0	0	5	5	0	0	41.2	789	789	0	0
BF-122	488969	5287286	11.0	6	6	0	0	5	5	0	0	40.8	141	141	0	0
BF-125	492117	5284705	10.4	0	0	0	0	0	0	0	0	24.7	0	0	0	0
BF-127	488319	5284966	9.4	3	2	0	1	3	2	0	1	34.7	5	5	0	1
BF-128	488736	5284359	11.0	17	12	4	1	15	11	4	1	31.4	71	50	21	<1
BF-131	491340	5284156	11.0	40	19	20	1	36	17	18	1	45.3	292	271	20	2
BFT-22	494245	5275249	11.5	5	2	2	1	4	2	2	1	22.0	142	137	5	<1