

Normalized gold grain counts and UTM coordinates for forty-eight (48) samples 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 23 December, 2009. See maps for sample locations. See text for additional information.



Sample Number	UTM E	UTM N	Table Wt (kg)	Number of Visible Gold Grains				Number of Visible Gold Grains (normalized to 10kg Sample Wt)				Nonmag HMC Wt (g)	Calculated PPB Visible Gold in HMC			
				Total	Reshaped	Modified	Pristine	Total	Reshaped	Modified	Pristine					
BF-01	480276	5277367	11.2	4	4	0	0	4	4	0	0	41.0	23	23	0	0
BF-03	481954	5279968	12.3	43	43	0	0	35	35	0	0	48.8	562	562	0	0
BF-04	482862	5279711	13.7	52	48	4	0	38	35	3	0	61.1	271	269	2	0
BF-05	483468	5279347	10.2	48	47	1	0	47	46	1	0	42.8	510	506	4	0
BF-06	483883	5278637	13.0	8	7	1	0	6	5	1	0	42.5	87	85	2	0
BF-07	484379	5278108	11.1	42	39	3	0	38	35	3	0	50.7	216	203	13	0
BF-08	484401	5275454	12.4	178	168	6	4	144	135	5	3	102.7	418	407	7	4
BF-09	485284	5275521	10.6	10	9	1	0	9	8	1	0	50.6	102	98	4	0
BF-11	485394	5278037	11.2	54	53	1	0	48	47	1	0	54.3	413	413	<1	0
BF-12	485393	5278431	11.1	5	5	0	0	5	5	0	0	33.6	110	110	0	0
BF-13	485370	5200235	13.0	28	28	0	0	22	22	0	0	40.6	611	611	0	0
BF-14	485332	5281676	15.7	26	25	1	0	17	16	1	0	87.2	142	141	1	0
BF-15	485462	5282632	14.7	4	4	0	0	3	3	0	0	138.5	12	12	0	0
BF-16	485719	5202007	14.7	6	5	1	0	4	3	1	0	42.1	157	157	<1	0
BF-17	486270	5282776	16.8	2	2	0	0	1	1	0	0	44.8	74	74	0	0
BF-18	486932	5282943	15.1	38	35	2	1	25	23	1	1	69.3	206	205	1	<1
BF-20	487517	5283149	15.0	16	13	2	1	11	9	1	1	29.4	143	135	7	1
BF-21	488018	5283321	15.6	37	34	2	1	24	22	1	1	80.7	416	413	2	1
BF-23	490917	5283516	17.5	6	6	0	0	3	3	0	0	63.4	15	15	0	0
BF-24	491206	5279975	11.4	48	47	1	0	42	41	1	0	61.3	313	313	<1	0
BF-25	490454	5280199	16.0	81	79	2	0	51	49	1	0	76.7	1616	1616	<1	0
BF-26	491767	5279887	11.1	9	9	0	0	8	8	0	0	70.6	59	59	0	0
BF-27	491399	5281321	12.1	8	8	0	0	7	7	0	0	24.6	54	54	0	0
BF-28	491308	5281833	13.2	6	5	1	0	5	4	1	0	33.8	46	41	6	0
BF-29	490673	5281820	9.0	12	12	0	0	13	13	0	0	36.8	108	108	0	0
BF-30	490576	5278294	12.2	95	94	1	0	78	77	1	0	106.0	583	583	<1	0
BF-31	489970	5277910	13.1	21	20	1	0	16	15	1	0	70.0	85	85	<1	0
BF-32	489506	5277725	11.9	35	35	0	0	29	29	0	0	87.4	240	240	0	0
BF-33	488824	5277817	11.5	7	5	2	0	6	4	2	0	24.0	42	40	2	0

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				Total	Reshaped	Modified	Pristine	Total	Reshaped	Modified	Pristine					
BF-34	488762	5277031	11.6	8	7	1	0	7	6	1	0	23.1	110	102	8	0
BF-35	487836	5280138	10.4	4	2	1	1	4	2	1	1	19.0	168	129	20	20
BF-36	488420	5280161	12.0	63	60	2	1	53	50	2	1	41.7	729	722	5	2
BF-37	487607	5279368	12.8	3	3	0	0	2	2	0	0	4.5	243	243	0	0
BF-38	486332	5279504	13.9	159	154	5	0	114	111	4	0	154.0	509	509	<1	0
BF-39	486288	5278695	13.0	126	119	4	3	97	92	3	2	50.6	1030	1013	10	7
BF-40	486431	5277170	13.2	20	18	2	0	15	14	2	0	38.0	229	224	6	0
BF-41	486251	5277870	12.7	62	61	0	1	49	48	0	1	47.9	397	397	0	1
BF-42	486547	5282022	13.4	24	22	2	0	18	16	1	0	42.1	343	340	3	0
BF-43	488086	5283740	16.0	14	13	1	0	9	8	1	0	30.5	210	197	12	0
BF-44	480556	5276656	11.3	86	84	2	0	76	75	2	0	43.2	750	748	2	0
BF-45	483945	5275236	11.7	12	12	0	0	10	10	0	0	40.6	101	101	0	0
BF-46	486317	5281253	12.4	104	97	6	1	84	78	5	1	85.0	417	412	5	<1
BF-47	486376	5280202	13.2	125	117	7	1	95	89	5	1	59.4	978	972	6	<1
BF-48	488615	5281176	11.0	3	2	1	0	3	2	1	0	20.9	36	27	9	0
BF-49	489129	5280360	12.2	3	3	0	0	2	2	0	0	21.5	27	27	0	0
BF-50	489429	5281530	10.9	1	1	0	0	1	1	0	0	23.5	8	8	0	0
BF-51	489975	5281098	11.8	47	44	3	0	40	37	3	0	68.2	212	212	<1	0
BF-52	489710	5282250	9.4	85	77	6	2	90	82	6	2	52.6	1147	1133	12	3