

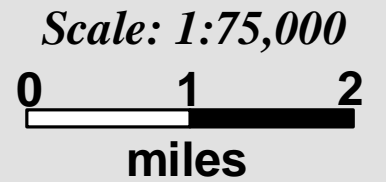
Normalized Gold Grain Counts

Sample	UTM E	UTM N	Total Gold Grains	Pristine Gold Grains
BF-01	480276	5277367	4	0
BF-03	481954	5279968	35	0
BF-04	482862	5279711	38	0
BF-05	483468	5279347	47	0
BF-06	483883	5278637	6	0
BF-07	484379	5278108	38	0
BF-08	484401	5275454	144	3
BF-09	485284	5275521	9	0
BF-11	485394	5278037	48	0
BF-12	485393	5278431	5	0
BF-13	485370	5200235	22	0
BF-14	485332	5281676	17	0
BF-15	485462	5282632	3	0
BF-16	485719	5202007	4	0
BF-17	486270	5282776	1	0
BF-18	486932	5282943	25	1
BF-20	487517	5283149	11	1
BF-21	488018	5283321	24	1
BF-23	490917	5283516	3	0
BF-24	491206	5279975	42	0
BF-25	490454	5280199	51	0
BF-26	491767	5279887	8	0
BF-27	491399	5281321	7	0
BF-28	491308	5281833	5	0
BF-29	490673	5281820	13	0
BF-30	490576	5278294	78	0
BF-31	489970	5277910	16	0
BF-32	489506	5277725	29	0
BF-33	488824	5277817	6	0
BF-34	488762	5277031	7	0
BF-35	487836	5280138	4	1
BF-36	488420	5280161	53	1
BF-37	487607	5279368	2	0
BF-38	486332	5279504	114	0
BF-39	486288	5278695	97	2
BF-40	486431	5277170	15	0
BF-41	486251	5277870	49	1
BF-42	486547	5282022	18	0
BF-43	488086	5283740	9	0
BF-44	480556	5276656	76	0
BF-45	483945	5275236	10	0
BF-46	486317	5281253	84	1
BF-47	486376	5280202	95	1
BF-48	488615	5281176	3	0
BF-49	489129	5280360	2	0
BF-50	489429	5281530	1	0
BF-51	489975	5281098	40	0
BF-52	489710	5282250	90	2

R23W

R22W

R21W



T60N

T59N

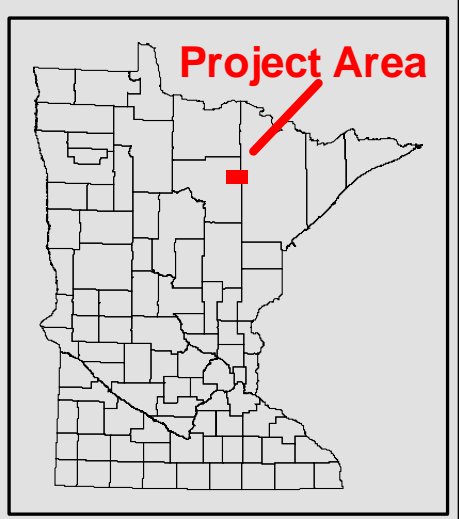
Itasca County
St. Louis County

Gold in Till, Archean Greenstone Belt Northeastern Itasca County, Minnesota

Forty-eight Rainy Lobe till samples were collected by the Minnesota DNR in Autumn, 2009 in a 30 square mile portion of an Archean greenstone belt located in Northeastern Itasca County, and analyzed by Overburden Drilling Management, Ltd for gold grain counts. Twenty-eight of the samples had normalized total gold grain counts higher than 10, with a high value of 144. This extends the area of anomalous gold grain counts well beyond the area identified in the first round of samples to the east (identified by pink circles with greater than 10 gold grains).

The State of Minnesota has a strong land position in the project area. Bedrock exposures are relatively common, and all sample locations were accessed by truck or ATVs. Areas of this aerial photograph shaded white are being offered in the January 2010 MnDNR Metallic Minerals Lease Sale. See the MnDNR Mining Unit Book for the official state mineral lease offerings.

http://www.dnr.state.mn.us/lands_minerals/leasesale/index.html.



Creation Date: 12/28/09

Gold Grain Counts

normalized to 10kg sample wt.
(pink circles Phase 1 samples)

Total		Pristine	
0 grains	○	0 grains	●
1 - 5 grains	○	0 - 1 grains	⊠
5 - 10 grains	○	1 - 2 grains	▲
11 - 25 grains	○	2 - 3 grains	◻
26 - 100 grains	○		
More than 100 grains	○		

Outcrop locations (Jirsa and Chandler, 2007)

Area offered January 2010 MnDNR Lease Sale