

DISCOVERY

205-2900 30th Avenue,
Vernon, B.C. V1T 2B7
Telephone (604) 542-8960

Mail: P.O. Box 933
Vernon, B.C. V1T 6M8

Consultants

July 7, 1989

Mr. Ian Pirie
Minnova Inc.
4th Floor
311 Water St.
Vancouver, B.C. V6B 1B8

823596

Dear Ian,

Enclosed herewith you will find a map and preliminary results for the followup heavy mineral sampling on the Biere Property that you requested some time ago. There are still a few, mainly base metal analyses not yet complete and I will forward them to you when available.

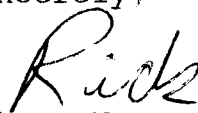
The results are pretty encouraging in that I think we have eliminated the possibility that the high values were arising in reworked gravels along the main drainage out of East Barriere Lake.

There is an excellent upstream cutoff in the stream draining grid 1-A, indicating a source of gold somewhere in the vicinity of the two EM conductors on this grid.

In the stream draining grid 1-B the upstream cutoff is not as good, but samples 118 and 119 confirm strongly anomalous gold values in the general area of the EM conductors on this grid. Sample 121, upstream from grid 1-B, is still very high and would appear to have a source to the northeast, possibly on the CAD or DIAL claims.

Please let me know if you need any further data on this survey. We will be billing you for the work to date under our project number 267.

Yours sincerely,


Frederick L. Wynne

Enc.

PROJECT 207

BIERE/MINNOVA

Heavy Mineral Results for -150HN Fraction

Sample ID	-20 mesh weight kg	-150HN Weight g	Total -150H Weight g	Au ug	Ag ug	As ug	Ba ug	Fe mg	Hg ug	Sb ug	Th ug	U ug	W ug	Zn ug
SP-115	7.9	1.67	6.67	22	<11	211	2742	165	<11	10	633	253	91	<211
SP-116	7.5	2.14	7.58	6	<14	283	<571	243	<14	31	800	371	111	<286
SP-117	7.3	1.65	7.58	8	<25	108	4515	142	<16	10	993	474	163	<226
SP-118	9.0	2.48	9.30	34	<22	33	<578	124	<19	7	881	184	88	<275
SP-119	8.5	2.37	8.38	33	<22	61	<613	168	<20	6	836	190	98	<279
SP-120	8.3	1.83	6.38	8	<11	<7	<442	67	<13	<1	773	197	77	<221
SP-121	8.4	0.76	6.84	25	<9	33	1348	36	<6	3	369	117	56	<90

PROJECT 267 DIERE/MINNOVA

Heavy Mineral Results for -150HN Fraction

Sample ID	-20 mesh weight kg	-150HN Weight g	Total -150H Weight g	Au ppb	Ag ppm	As ppm	Ba ppm	Br ppm	Co ppm	Cr ppm	Fe %	Hg ppm	Sb ppm	W ppm	Zn ppm	La ppm	Ce ppm
SP-115	7.9	1.67	6.67	10500	<5	100	1300	120	150	57	7.81	<5	4.8	43	<100	930	1400
SP-116	7.5	2.14	7.58	2000	<5	99	<200	180	160	140	8.51	<5	11.0	39	<100	900	1300
SP-117	7.3	1.65	7.58	3500	<11	48	2000	67	110	82	6.31	<7	4.3	72	<100	1300	1900
SP-118	9.0	2.48	9.30	12500	<8	12	<210	51	32	160	4.49	<7	2.7	32	<100	1300	2000
SP-119	8.5	2.37	8.38	12000	<8	22	<220	56	33	160	6.04	<7	2.3	35	<100	1300	2000
SP-120	8.3	1.83	6.38	3500	<5	<3	<200	67	27	140	3.05	<6	<0.3	35	<100	1400	1900
SP-121	8.4	0.76	6.84	28000	<10	37	1500	78	49	180	4.04	<7	2.8	62	<100	1600	2400

Sample ID	Nd	Sm	Eu	Tb	Yb	Lu	Ca	Cs	Hf	Ir	Mo	Na	Ni	Rb	Sc	Se	Sr	Ta	Th	U
	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
SP-115	630	90	17.1	12.0	41.1	8.7	<3	<2	450	<40	40	6080	<200	<50	29	<20	<0.2	45	300	120
SP-116	580	85	17.4	11.0	46.2	9.1	12	<2	430	<40	40	5000	<200	<50	33	<20	<0.2	48	280	130
SP-117	900	130	29.1	15.0	91.1	19.3	<4	<2	800	<40	40	4360	<200	<50	43	<20	<0.2	80	440	210
SP-118	790	110	21.7	55.2	46.1	4.2	<3	<2	510	<40	40	7290	<200	160	37	<20	<0.2	22	320	67
SP-119	770	120	22.8	49.2	41.0	6.4	<4	<2	470	<40	40	6150	<200	<50	40	<20	<0.2	29	300	68
SP-120	820	120	23.2	14.0	45.6	8.2	<3	<2	400	<40	40	7930	<200	120	35	<20	<0.2	44	350	89
SP-121	1100	160	31.9	22.0	64.5	13.0	<3	<2	780	<40	40	5820	<200	<50	43	<23	<0.2	50	410	130