

GIANT YELLOWKNIFE MINES LIMITED
P.O. Bag 3000
Yellowknife, N.W.T.
X1A 2M2

FAX COVER PAGE

DATE: September 7, 1988

TIME: 11:00 a.m. *kd.*

OUR REF. NO: GT3356

ATTENTION: J. Taylor and D. Snelgrove
Jan H. Reimers & Associates Inc.

FROM: Kent Morton

NO. OF PAGES TO FOLLOW: 2 (Excluding This Cover Page)

COMMENTS OR INSTRUCTIONS:

If there is a problem with this transmission, or if you wish to contact us, following are our numbers:

Telephone: 403-873-6301 ext. 128
Fax: 403-873-2980
Telex: 034-45514

Giant
YELLOWKNIFE MINES LIMITED

F A C S I M I L E

TO: Mr. John Taylor
Mr. D. Snelgrove
Jan H. Reimers & Associates Inc.

FROM: Kent Morton
Technical Project Supervisor

DATE: September 7, 1988

Attached are the recent pilot plant assays. As you can see, lower roasting temperature results in better antimony elimination. Unfortunately, it also results in high arsenic losses to the hot baghouse product, which represents about 10% of the combined product weight.

I suggest we meet with M. Chalkley on the morning of Tuesday, September 13 to discuss findings to date and to outline further testwork.

Does this sound OK to you Dix?

Regards,

Kent Morton

KM:kid

Date	Time	As203	Fe	Sb	Insol	As203	Fe	Sb	Insol	Bed temp deg C.	Condenser temperatu	Sb in feed	Sb eliminati
July 25	17:00	99.705	0.047	0.128	0.12	24.15	10.86	0.37	33.04			0.196	
25	23:00	99.55	N.D	0.138	0.32	11.3	11.44	0.34	37.28			0.196	
26	05:00	99.74	N.D	0.14	0.12	4.4	19.5	0.55	40.48			0.196	
26	11:00	99.733	N.D	0.147	0.12	9.5	11.05	0.36	32.6			0.196	
26	17:00	99.755	0.006	0.139	0.1	27.8	6.09	0.23	16.8			0.196	
26	23:00	99.723	0.016	0.141	0.12	33.5	9.18	0.29	27.6			0.196	
27	05:00	99.728	0.011	0.141	0.12	N.A	N.A	N.A	N.A			0.196	
27	11:00	99.605	0.025	0.13	0.24	9.5	11.59	0.36	33.9			0.196	
27	17:00	99.743	0.025	0.132	0.1	12.4	12.48	0.34	37.2			0.196	
27	23:00	99.761	0.012	0.127	0.1	16.9	11.62	0.31	35.2			0.196	
28	05:00	99.755	0.019	0.126	0.1	8.7	13.24	0.34	39.4			0.196	
28	11:00		0.021	0.134		2	13.52	0.35	44.24			0.196	
28	17:00		0.025	0.147		10.7	12.55	0.37	40.64			0.196	
28	23:00		0.029	0.149		2.1	13.59	0.37	44.12			0.196	
29	05:00		0.043	0.146		3.1	14.03	0.37	43.08			0.196	
29	16:00		N.D	0.143		2	16.15	0.34	43.76			0.196	
29	21:00		0.038	0.136		1.1	13.39	0.34	44.44			0.196	
30	02:00		0.013	0.152		1.2	14.17	0.36	44.44			0.196	
30	07:00		0.005	0.147		2.3	13.91	0.38	40.28			0.196	
30	12:00		0.037	0.15		2.2	13.52	0.37	44.72			0.196	
30	18:00		0.006	0.147		2.3	13.31	0.4	44.44			0.196	
30	24:00		0.006	0.163		7.5	12.81	0.41	41.16			0.196	
31	05:00		0.009	0.152		2.7	13.43	0.43	43.2			0.196	
31	09:00		N.D	0.14		2.3	13.55	0.43	43.64			0.196	23.12%
31	13:00		0.046	0.139		15.5	11.85	0.4	38.68			0.196	
31	17:00		0.017	0.144		1.5	13.52	0.39	37.52			0.196	
31	22:00		0.079	0.143		4.1	13.11	0.37	41.64			0.196	
August 1	03:00		0.005	0.138		9.9	13.23	0.4	42.04			0.196	
1	08:00		N.D	0.133		2.4	13.34	0.4	43.96			0.196	
1	13:00		N.D	0.138		4.6	13.61	0.43	42.36			0.196	
1	18:00		0.004	0.13		13.5	12.29	0.32	37.28			0.196	
1	21:30		N.D	0.133		4.3	13.28	0.4	41.96			0.196	
2	01:00		N.D	0.129		1.6	13.53	0.38	44.96			0.196	
2	05:00		N.D	0.139								0.196	
2	09:00	99.42		0.14	0.44	6.6						0.196	
2	13:00	99.43		0.13	0.44	1.7	12.89	0.4	42.36			0.196	
2	19:00	99.44		0.12	0.44	6.5	12.76	0.42	39.08			0.196	
2	23:00	99.6		0.12	0.28	2.3	13.13	0.42	41.12			0.196	
3	03:00	99.27		0.13	0.6	13.8	12.35	0.39	40			0.196	
3	09:00	98.97		0.15	0.88	1.6	13.17	0.43	43.96			0.196	
3	13:00	99.33		0.15	0.52	1.2	13.44	0.43	42.4			0.196	
3	17:00	99.31		0.13	0.56	1.7	13.17	0.45	40			0.196	
3	23:00	99.51		0.13	0.36	14.4	11.33	0.37	34.88			0.196	
4	04:00	99.38		0.14	0.48	3.9	12.91	0.43	39.76			0.196	
4	09:00	99.66		0.14	0.2							0.196	
4	12:00	99.49		0.15	0.36	3.5	12.82	0.46	41.16			0.196	
4	14:30	99.63		0.13	0.24	7.5	12.13	0.43	40.72			0.196	
August 19	18:00	99.289	0.051	0.62	0.04	4.9	15.93	1.99	35.28			2.74	
19	21:00	99.533	0.027	0.44	0								
19	22:00	99.581	0.019	0.4	0	1.8	15.52	0.94	40.24			0.705	
20	05:00	98.969	0.013	0.498	0.52	23.6	11.64	0.83	34.4			0.705	
20	11:00	99.473	0.027	0.5	0	3.8	16.17	1.24	37.36			0.705	
20	17:00	99.4	0.01	0.59	0	3.1	15.83	1.3	39.4			0.705	21.20%
20	23:00		0.009	0.63	1.32	8.3	15.76	1.31	38.84			1.214	
21	05:00	99.277	0.063	0.66	0	21	13.8	1.57	26.52			1.214	
21	11:00	98.797	0.033	0.77	0.4	4	17.58	1.86	40.32			1.214	
22	05:00	99.277	0.013	0.59	0.12								
23	05:00	99.415	0.045	0.54	0		13.02	1.97	27.24	430	127	0.196	
23	08:30	99.355	0.015	0.51	0.12	2.7	13.97	0.43	31.72	371	140	0.196	
23	09:30	99.513	0.017	0.15	0.32	3.3	13.86	0.41	36.24	342	153	0.196	
23	11:00	99.588	0.012	0.12	0.28	2.3	13.86	0.42	27.96	334	154	0.196	
23	14:00	99.505	0.015	0.12	0.36	2.1	13.66	0.45	44.6	327	154	0.196	
23	17:00	99.064	0.016	0.16	0.76	6.1	13.13	0.54	41.5	332	155	0.196	
23	19:00	99.365	0.005	0.15	0.48	5.6	13.12	0.55	41	321	156	0.196	
23	23:00	99.271	0.099	0.15	0.48	8	12.77	0.65	38.9	361	144	0.196	
24	02:00	99.547	0.033	0.14	0.28	9.7	12.85	0.64	40.4	291	148	0.196	
24	03:00		0.41	0.13	0.92	2.2	13.35	0.73	45	321	136	0.196	
24	05:00	99.27	0.04	0.13	0.56	5.9	13.34	0.77	39.9	299	136	0.196	30.60%
24	07:00	98.933	0.057	0.13	0.88	10.4	12.57	0.7	38.2	284	145	0.196	
24	10:00	99.303	0.067	0.11	0.52	4	13.14	0.55	40	310	136	0.196	
24	17:00	99.144	0.046	0.13	0.68	1.5	13.14	0.49	44.6	379	140	0.196	
24	19:00	99.393	0.016	0.091	0.5	9.2	12.26	0.44	34.8	321	155	0.196	
24	21:00	99.539	0.021	0.08	0.36	32.7	8.55	0.32	32.2	303	156	0.196	
24	23:00		0.29	0.086	0.6	17	10.5	0.61	41.4	304	153	0.196	
25	01:00	99.336	0.098	0.086	0.48	16.1	10.25	0.61	41.7	271	166	0.196	39.58%
25	03:00	98.546	0.004	0.09	1.36	13.3	11.4	0.65	40	275	161	0.196	
25	05:00	99.05	0.019	0.091	0.84	23.2	10.48	0.46	34.8	270	162	0.196	
25	07:00		0.25	0.1	0.76	15.2	11.54	0.57	37.5	267	167	0.196	
25	08:30		1.5	0.12	1	14.3	11.72	0.56	36.3	268	160	0.196	