

LAKEFIELD RESEARCH

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To: Mr. El-Afy & Mr Kent Morton Company: GIANT YELLOW KNIFE MINES
From: Dean Bollwagen Metallurgist Fax. No.: 403-873-2980
Date: June 10, 88 Project No.: 3515

This transmission consists of 3 pages including this one.

The testwork as requested has been completed.
I have attached the Summary Table and a graph of
the Extraction curve from Conpl-12 leach.

The report is being compiled and will be
completed as soon as possible.

If you have any comments, questions or
instructions do not hesitate to call.

DWR

FIGURE NO. 6 COMPOSITE No. 1-12 (Inclusive)

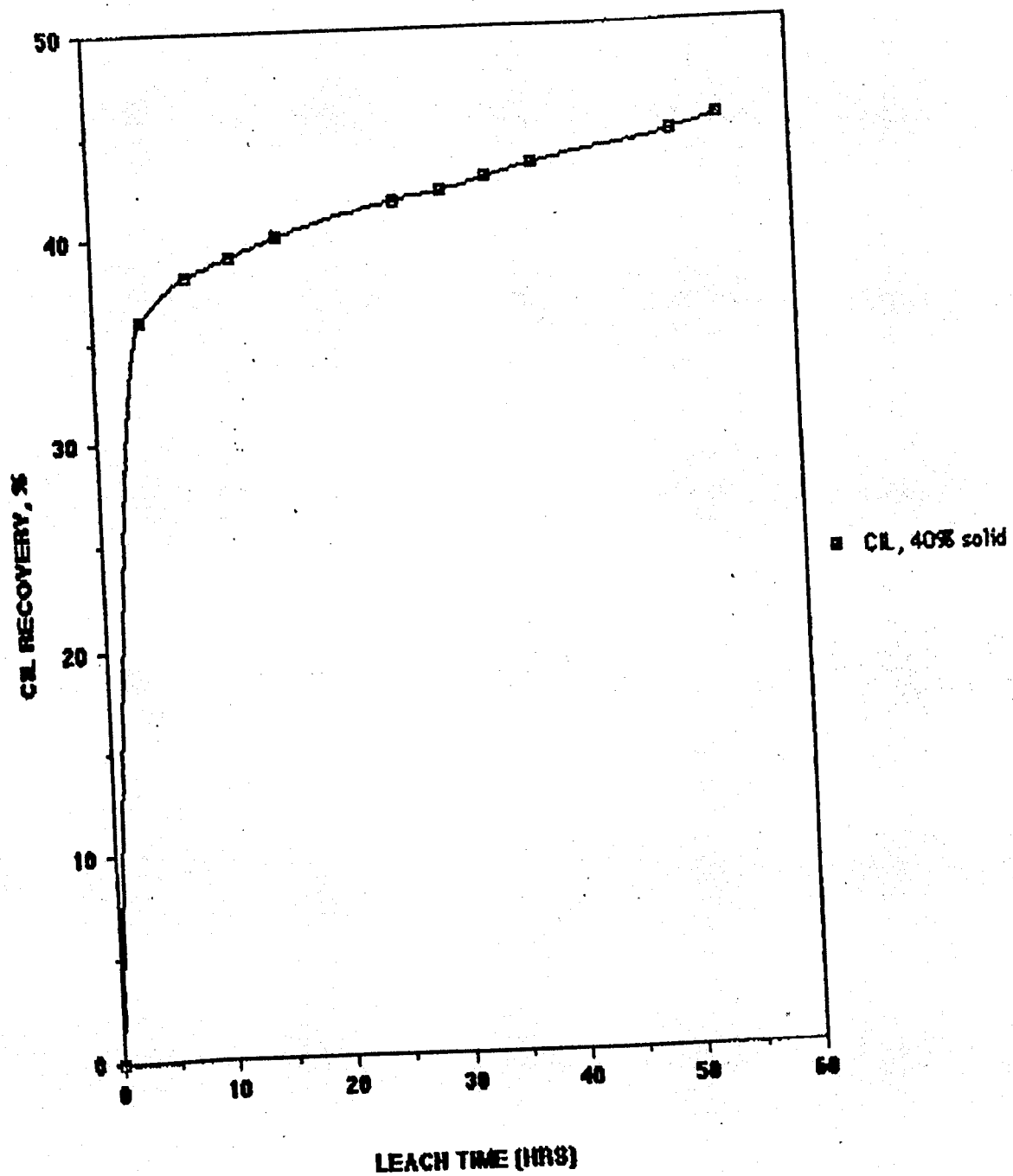


Table No. :

Test No.	Comp. No.	Leach Density % Sol.	Grind % 400 Mesh	Reagent Con s. ,kg/t				Res. Au g/t	Diss. O ₂ mg/L	% Recovery			Calc. Head Au, g/t	Agitator Speed rpm
				Total		Add'n				24 hour	36 hour	48 hour		
				NaCN	CaO	NaCN	CaO							
1		30		6.74	1.12	5.91	0.37	1.98	7.6	32.9	36.6	39	3.25	500
2	1-2-3	40	91.7	4.83	0.99	3.89	0.64	2.1	7.4	36.2	37.9	39.4	3.48	550
3		50		2.52	3.16	1.6	2.93	1.86	6.5	35.8	37.7	39.2	3.07	600
10		30		7.79	0.55	6.32	0.27	1.73	7.4	30.6	34.8	37.9	2.81	550
11	4-5	40	82.9	5.2	0.56	4.43	0.08	1.72	7.6	29.7	32.7	35.2	2.67	550
12		50		3.59	0.69	3.21	0.28	1.65	6.9	31.2	34.3	36.9	2.63	600
4		30		6.64	0.74	4.95	0.43	1.97	8.1	36.7	40	43.6	3.51	500
5	6-7	40	89.4	4.76	1.32	3.91	0.77	2.04	7.6	52.8	54.2	55.6	4.93	550
6		50		3.67	0.63	3.04	0.31	1.92	6.5	27.5	47.6	49.3	3.8	600
7		30		6.87	0.75	4.78	0.14	1.94	7.8	33.1	35.7	42.5	3.4	500
8	8-12	40	78.1	4.26	0.76	3.09	0.38	2.01	7.6	33.3	39.3	41.3	3.44	550
9		50		3.74	0.76	3.29	0.35	1.96	6.9	36	37.9	39.3	3.24	600
13		30		6.8	0.88	5.53	0.23	1.77	6.7	30.6	34.3	36.9	2.82	550
14	9-10	40	76.8	5.3	0.78	4.56	0.14	1.87	7.1	31.7	34.3	36.7	2.97	550
15		50		3.65	1.09	3.12	0.64	1.85	6.4	33.4	35.9	38.3	3.01	600
16	11-12	40	85.4	8.87	1.08	7.24	0.4	1.82	7.5	41.5	42.4	44	3.34	550