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		FORECAST									GEOLOGICAL REPORT									MILL FEED								
		Tonnes	Pb+Zn	%Pb	%Zn	Ag	Tonnes Pb+Zn	Tonnes Pb	Tonnes Zn	Kg Ag	Tonnes	Pb+Zn	%Pb	%Zn	Ag	Tonnes Pb+Zn	Tonnes Pb	Tonnes Zn	Kg Ag	Tonnes	Pb+Zn	%Pb	%Zn	Ag	Tonnes Pb+Zn	Tonnes Pb	Tonnes Zn	Kg Ag
Sep-88	HG																										
	LG																										
	TOTAL	392395	8.16	3.49	4.67	47	32019	13695	18325	18443	335837	8.78	3.69	5.09	50	29486	12392	17094	16792	349165	8.68	3.62	5.06	49	30308	12640	17668	17109
Oct-88	HG																										
	LG																										
	TOTAL	360728	8.81	3.54	5.27	50	31780	12770	19010	18036	319552	9.2	3.80	5.4	48	29399	12143	17256	15338	328726	9.03	3.63	5.4	49	29684	11933	17751	16108
Nov-88	HG																										
	LG																										
	TOTAL	407875	8.22	3.35	4.87	38	33527	13664	19864	15499	378150	8.53	3.55	4.98	42	32256	13424	18832	15882	378417	8.64	3.53	5.11	46	32695	13358	19337	17407
Dec-88	HG																										
	LG																										
	TOTAL	425189	7.96	3.26	4.7	38	33845	13861	19984	16157	359155	8.17	3.48	4.69	47	29343	12499	16844	16880	348836	8.40	3.54	4.86	46	29302	12349	16953	16046
	HG																										
	LG																										
1988	TOTAL	1586187	8.27	3.40	4.87	43	131172	53989	77183	68135	1392694	8.65	3.62	5.03	47	120484	50458	70026	64893	1405144	8.68	3.58	5.10	47	121989	50279	71709	66670
Jan-89	HG																										
	LG																										
	TOTAL	407858	8.19	3.37	4.82	37	33404	13745	19659	15091	437445	7.77	3.24	4.53	38	33989	14173	19816	16623	402627	7.77	3.25	4.52	38	31284	13085	18199	15300
Feb-89	HG																										
	LG																										
	TOTAL	378000	8.03	3.23	4.8	32	30353	12209	18144	12096	251405	7.79	3.14	4.65	39	19584	7894	11690	9805	255365	7.79	3.14	4.65	39	19893	8018	11874	9959
Mar-89	HG																										
	LG																										
	TOTAL	418500	7.86	3.12	4.74	30	32894	13057	19837	12555	390300	7.87	3.15	4.72	31	30717	12294	18422	12099	381691	8.22	3.29	4.93	32	31375	12558	18817	12214
Apr-89	HG																										
	LG																										
	TOTAL	375000	7.59	3.12	4.47	32	28463	11700	16763	12000	369339	7.69	2.96	4.73	32	28402	10932	17470	11819	374808	7.47	2.87	4.60	31	27998	10757	17241	11619
May-89	HG																										
	LG																										
	TOTAL	387500	8.16	3.13	5.03	34	31620	12129	19491	13175	385679	7.55	2.80	4.75	32	29119	10799	18320	12342	369073	7.55	2.80	4.75	31	27865	10334	17531	11441
Jun-89	HG																										
	LG																										
	TOTAL	375000	8.17	3.03	5.14	29	30638	11363	19275	10875	332285	8.17	2.94	5.23	30	27148	9769	17379	9969	367425	8.11	2.93	5.18	35	29798	10766	19033	12860
Jul-89	HG																										
	LG																										

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		FORECAST									GEOLOGICAL REPORT									MILL FEED								
		Tonnes	Pb+Zn	%Pb	%Zn	Ag	Tonnes Pb+Zn	Tonnes Pb	Tonnes Zn	Kg Ag	Tonnes	Pb+Zn	%Pb	%Zn	Ag	Tonnes Pb+Zn	Tonnes Pb	Tonnes Zn	Kg Ag	Tonnes	Pb+Zn	%Pb	%Zn	Ag	Tonnes Pb+Zn	Tonnes Pb	Tonnes Zn	Kg Ag
	TOTAL	403000	8.17	3.03	5.14	29	32925	12211	20714	11687	407591	8.04	3.03	5.01	34	32770	12350	20420	13858	379196	7.94	2.77	5.17	35	30108	10504	19604	13272
1989	HG																											
	LG																											
	TOTAL	2744858	8.03	3.15	4.88	32	220296	86414	133883	87479	2574044	7.84	3.04	4.80	34	201729	78212	123517	86514	2530185	7.84	3.00	4.83	34	198322	76022	122300	86665
Sept/88-	HG																											
Jul/89	LG																											
	TOTAL	4331045	8.12	3.24	4.87	36	351468	140403	211065	155614	3966738	8.12	3.24	4.88	38	322214	128671	193543	151407	3935329	8.14	3.21	4.93	39	320310	126301	194009	153336

...GH RESOURCES INC.
...O MINE
COMPARISON OF PREDICTED TO ACTUAL BENCH ORE AND WASTE QUANTITIES

		FIV JULY DESIGN LIMITS F8805 MODEL GEOL COMP,STRICT MATCH CALCULATED BY PCMINE DILUTED 10%,95% RECVY			FIV JULY DESIGN LIMITS F8805 MODEL GEOL COMP,STRICT MATCH CALCULATED BY MAXIPLAN DILUTED 10%,95% RECVY			ACTUAL DIG LIMITS F8805 MODEL GEOL COMP,STRICT MATCH CALCULATED BY PCMINE DILUTED 10%,95% RECVY			ACTUAL DIG LIMITS F8805 MODEL BENCH COMP,STRICT MATCH CALCULATED BY PCMINE DILUTED 10%,95% RECVY			ACTUAL DIG LIMITS F8805 MODEL GEOL COMP,LOOSE MATCH CALCULATED BY PCMINE DILUTED 10%,95% RECVY			ACTUAL DIG LIMITS F8805 MODEL BENCH COMP,LOOSE MATCH CALCULATED BY PCMINE DILUTED 10%,95% RECVY		
		Tonnes	Pb+Zn (%)	Metal (tonnes)	Tonnes	Pb+Zn (%)	Metal (tonnes)	Tonnes	Pb+Zn (%)	Metal (tonnes)	Tonnes	Pb+Zn (%)	Metal (tonnes)	Tonnes	Pb+Zn (%)	Metal (tonnes)	Tonnes	Pb+Zn (%)	Metal (tonnes)
3410	Waste	14,990			(1,689)			67,692			NA			NA			NA		
	Sulphides	156,956			173,725			170,527			NA			NA			NA		
	4-5%	38,336	4.14	1,587	41,124	4.15	1,707	39,773	4.16	1,655	122,192	4.04	4,942	61,049	4.13	2518.544	91,856	4.071	3,739
	5-7%	98,779	5.35	5,285	97,913	5.34	5,229	99,024	5.37	5,318	195,509	5.46	10,666	182,760	5.58	10201.33	266,339	5.479	14,593
	+7%	499,620	7.89	39,420	492,657	7.89	38,871	507,985	7.9	40,131	409,316	7.86	32,172	500,147	7.85	39270.66	439,663	7.711	33,902
	+5%	598,399	7.47	44,705	590,570	7.47	44,099	607,009	7.49	45,448	604,825	7.08	42,838	682,908	7.24	49472.00	706,002	6.869	48,495
	+4%	636,735	7.27	46,292	631,694	7.25	45,806	646,782	7.28	47,103	727,017	6.57	47,780	743,956	6.99	51990.54	797,858	6.547	52,234
	all ore+waste	808,681			803,730			885,001			NA			NA			NA		
3390	Waste	42,389			29,042			42,952			NA			NA			NA		
	Sulphides	111,990			123,505			96,014			NA			NA			NA		
	4-5%	49,805	4.23	2,107	49,428	4.25	2,101	42,605	4.26	1,815	41,936	4.27	1,790	55,145	4.20	2317.579	63,181	4.254	2,687
	5-7%	238,511	5.48	13,070	237,140	5.48	12,995	198,278	5.44	10,786	244,237	5.34	13,042	278,890	5.49	15303.43	335,341	5.416	18,163
	+7%	333,251	7.77	25,894	326,867	7.77	25,398	278,566	7.77	21,645	259,787	7.40	19,215	224,309	7.20	16158.42	178,099	7.148	12,731
	+5%	571,762	6.81	38,964	564,007	6.81	38,393	476,844	6.80	32,431	504,024	6.40	32,257	503,199	6.25	31461.85	513,440	6.017	30,894
	+4%	621,567	6.61	41,071	613,435	6.60	40,494	519,449	6.59	34,246	545,960	6.24	34,047	558,344	6.05	33779.43	576,621	5.824	33,582
	all ore+waste	775,946			765,982			658,415			NA			NA			NA		
3370	Waste	44,782			29,546			82,466			NA			NA			NA		
	Sulphides	29,366			43,538			32,938			NA			NA			NA		
	4-5%	50,442	4.42	2,230	51,975	4.42	2,297	53,619	4.42	2,370	49,627	4.10	2,036	54,319	4.42	2403.373	57,851	4.075	2,358
	5-7%	70,788	4.94	3,497	68,685	4.96	3,407	72,324	4.92	3,558	88,491	5.94	5,255	155,611	5.35	8329.429	132,182	5.435	7,183
	+7%	326,563	8.45	27,595	323,041	8.43	27,232	305,798	8.22	25,137	296,864	7.99	23,719	243,475	7.95	19349.58	205,207	7.700	15,801
	+5%	397,351	7.82	31,092	391,726	7.82	30,639	378,122	7.59	28,695	385,354	7.52	28,974	399,086	6.94	27679.01	337,389	6.812	22,984
	+4%	447,793	7.44	33,321	443,701	7.42	32,936	431,741	7.20	31,065	434,981	7.13	31,010	453,405	6.63	30082.38	395,240	6.412	25,342
	all ore+waste	521,941			516,785			547,145			NA			NA			NA		
3350	Waste	11,050			12,516			11,773			NA			NA			NA		
	Sulphides	30,092			30,413			30,654			NA			NA			NA		
	4-5%	50,557	4.1	2,073	49,490	4.08	2,019	44,888	4.13	1,854	12,624	4.13	522	44,109	4.13	1821.720	11,182	4.042	452
	5-7%	33,889	5.41	1,833	34,581	5.41	1,871	35,593	5.42	1,929	44,308	5.26	2,329	35,614	5.42	1929.933	37,641	5.441	2,048
	+7%	177,681	7.61	13,522	179,215	7.63	13,674	181,062	7.67	13,887	205,875	7.57	15,587	179,144	7.37	13206.19	210,829	7.214	15,208
	+5%	211,570	7.26	15,355	213,796	7.27	15,545	216,655	7.30	15,817	250,183	7.16	17,915	214,758	7.05	15136.12	248,470	6.945	17,256
	+4%	262,127	6.65	17,428	263,286	6.67	17,564	261,543	6.76	17,670	262,807	7.02	18,437	258,867	6.55	16957.84	259,651	6.820	17,708
	all ore+waste	303,269			306,215			303,970			NA			NA			NA		
3330	Waste	1,636			(1,211)			10,865			NA			NA			NA		
	Sulphides	59,928			59,956			48,285			NA			NA			NA		
	4-5%	39,924	4.08	1,629	40,797	4.07	1,660	29,192	4.04	1,179	26,883	4.12	1,108	23,617	4.07	960.5678	41,894	4.099	1,717
	5-7%	27,024	4.8	1,297	28,108	4.84	1,360	15,090	4.67	705	55,178	5.52	3,044	75,867	5.55	4211.997	88,146	5.595	4,932
	+7%	41,058	7.59	3,116	42,193	7.6	3,207	36,178	7.68	2,778	22,844	6.98	1,594	40,170	7.53	3025.881	28,811	7.011	2,020
	+5%	68,082	6.48	4,413	70,301	6.50	4,567	51,268	6.79	3,483	78,022	5.94	4,638	116,037	6.24	7237.879	116,956	5.944	6,952
	+4%	108,006	5.59	6,042	111,098	5.61	6,228	80,460	5.79	4,663	104,904	5.48	5,746	139,654	5.87	8198.447	158,850	5.458	8,669
	all ore+waste	169,570			169,843			139,610			NA			NA			NA		
3310	Waste	18,442			15,546			0			0			0			0		
	Sulphides	3,710			3,646			0			0			0			0		
	4-5%	1,526	4.52	69	1,524	4.52	69	0	0	0	0	ERR	0	0	ERR	0	0	ERR	0
	5-7%	71,112	5.69	4,046	69,910	5.68	3,971	0	0	0	0	ERR	0	0	ERR	0	0	ERR	0
	+7%	4,891	7.04	344	4,773	7.2	344	0	0	0	0	ERR	0	0	ERR	0	0	ERR	0

	+3%	76,005	5.76	4,371	74,885	5.76	4,313	0	ERR	0	0	ERR	0	0	ERR	0	0	ERR	0	
	+4%	77,529	5.75	4,460	76,207	5.75	4,383	0	ERR	0	0	ERR	0	0	ERR	0	0	ERR	0	
	all ore+waste	99,681			95,399			0			0			0			0			
Total	Waste	133,289			83,750			215,748			NA			NA			NA			
3410 to	Sulphides	392,042			434,783			378,418			NA			NA			NA			
3310	4-5%	230,590	4.20	9,694	234,338	4.20	9,853	210,077	4.22	8,873	253,261	4.11	10,397	238,239	4.21	10021.78	265,963	4.119	10,954	
	5-7%	540,103	5.37	29,029	536,337	5.38	28,833	420,309	5.30	22,296	627,723	5.47	34,335	728,741	5.49	39976.12	859,648	5.458	46,920	734
	+7%	1,383,064	7.95	109,890	1,368,746	7.94	108,725	1,309,589	7.91	103,578	1,194,686	7.72	92,287	1,187,245	7.67	91010.75	1,062,608	7.497	79,662	893
	+5%	1,923,167	7.22	138,919	1,905,083	7.22	137,558	1,729,898	7.28	125,874	1,822,409	6.95	126,622	1,915,987	6.84	130986.8	1,922,257	6.585	126,582	1628,400
	+4%	2,153,757	6.90	148,613	2,139,421	6.89	147,411	1,939,975	6.95	134,747	2,075,670	6.60	137,020	2,154,226	6.55	141008.6	2,188,220	6.285	137,536	1,922,941
	all ore+waste	2,679,088			2,657,954			2,534,141			NA			NA			NA			

1834,000

① dilute Hg by 15~~X~~20% of Mag
② loose ~~2~~% of Hg to ~~M~~Mag
~~dilute Hg by~~

Next
1) add blasthole
2) add volume column
3) compare undiluted

① dilute Hg by 10% ~~at~~ 6% ~~Pb~~Pb+Zn at Pb/Pb+Zn
② loose 20% to mag
③ dilute Mag by 10% of 4.5% Pb+Zn
④ loose 10% to LG
⑤ dilute LG by 10% of 0% Pb+Zn
⑥ Loose ~~5~~% to waste