019812

GRUM DEPOSIT, Y.T.

MINERAL RESERVE SUMMARY (FINAL)

DRILL PROVEN 62W – 84W
DRILL INDICATED 86W

SECTION 62W – 84W
62W – 86W

(Page 1 of 5)

CATEGORY	PROPERTY	Tonnes/m. (longitudinal) DRILL PROVEN	DRILL INDICATED	TOTAL P + I	GRADE Pb %	Zn %	Ag gm/mt	TONNES x GRADE Pb % mt.	Zn % mt.	Ag gm mt.	TONNES TOTAL	TONNES CUMULATIVE	REMARKS
	KERR OPTION	142,554			5.95	9.94	88.7	847,683	1,417,576	12,646,107	8,651,602		
	VANGORDA "	7,925			7.26	8.22	97.8	57,544	65,151	774,717	480,968		
	KERR OPTION		6,989		5.46	9.25	85.0	38,174	64,628	592,656	424,162		
>12% Pb+Zn	VANG. "		( )										
	KERR + VANG	150,479			6.02	9.85	89.2	905,227	1,482,727	13,420,824	9,132,570		
	KERR + VANG.		( )										
	KERR OPT.			149,543	5.92	9.91	88.5	885,857	1,482,204	13,238,763	9,075,764		
	VANG. "			( )									
	KERR + VANG			157,468	5.99	9.83	89	943,401	1,547,355	14,013,480	9,556,732		
	KERR OPTION	53,585			4.25	6.59	67.8	227,735	352,933	3,632,979	3,252,074		
	VANGORDA "	1,011			5.11	6.26	69	5,167	6,326	69,732	61,357		
	KERR OPT.		3,507		4.42	6.63	66	15,522	23,242	233,226	212,840		
	VANG. "		( )										
10-12%	KERR + VANG.	54,596			4.27	6.58	67.8	232,902	359,259	3,702,711	3,313,431		
	KERR + VANG.		( )										
	KERR OPT.			57,092	4.26	6.59	67.7	243,257	376,175	3,866,205	3,464,914		
	VANG. OPT.			( )									
	KERR + VANG.			58,103	4.28	6.58	67.7	248,424	382,501	3,935,937	3,526,271		

NOTE: ① The March 1977 Mineral Inventory includes mineralization bounded by 61W to 89W longitudinally and near surface mineralization cross-sectionally (except 80W+S where INDICATED RESERVES within this area was extended to 13N) ② Vangorda Option do not show any INDICATED RESERVES when the block is extended. Block, but will have reserves ③ TOTAL TONNES = TONNES/m x 60.69

Date: April 4/77 Calc'd by: [signature] Revised:

MINERAL RESERVE SUMMARY

GRUM DEPOSIT, Y.T.

DRILL PROVEN ---- 62W – 84W
DRILL INDICATED 86W

SECTION 62W – 84W / 62W – 86W

(Page 2 of 5)

CATEGORY	PROPERTY	Tonnes/m. (longitudinal) DRILL PROVEN	DRILL INDICATED	TOTAL P & I	GRADE Pb %	Zn %	Ag gm/mt.	TONNES x GRADE Pb % mt.	Zn % mt.	Ag gm mt.	TONNES TOTAL	TONNES CUMULATIVE	REMARKS
	KERR OPTION	196,139			5.48	9.03	83.0	1,075,418	1,770,509	16,279,086		11,903,676	
	VANGORDA "	8,936			7.02	8.0	94.5	62,711	71,477	844,449		542,325	
	KERR "		10,496		5.11	8.37	78.7	53,696	87,870	825,882		637,002	
	VANG. "		( )										
>10%	KERR + VANG. "	205,075			5.55	8.98	83.5	1,138,129	1,841,986	17,123,535		12,446,001	
Pb+Zn	KERR + VANG "		( )										
	KERR "			206,635	5.46	8.99	82.8	1,129,114	1,858,379	17,104,968		12,540,678	
	VANG. "			( )									
	KERR + VANG. "			215,571	5.53	8.95	83.3	1,191,825	1,929,856	17,949,417		13,083,003	
	KERR OPTION	37,632			3.63	5.25	53.5	136,534	197,697	2,014,869	2,283,886		
	VANG. "	903			3.97	4.73	53.5	3,588	4,270	48,261	54,803		
	KERR "		5,968		3.32	5.31	51.3	19,844	31,702	306,190	362,198		
	VANG. "		( )										
8-10%	KERR + VANG. "	38,535			3.64	5.24	53.5	140,122	201,967	2,063,130	2,338,689		
Pb+Zn	KERR + VANG. "		( )										
	KERR "			43,600	3.59	5.26	53.2	156,378	229,399	2,321,059	2,646,084		
	VANG. "			( )									
	KERR + VANG. "			44,503	3.59	5.25	53.2	159,966	233,669	2,369,320	2,700,887		

GRUM DEPOSIT, Y.T.

MINERAL RESERVE SUMMARY

DRILL PROVEN ----- 62W – 84W
DRILL INDICATED ---- 86W

SECTION 62W – 84W / 62W – 86W

CATEGORY	PROPERTY	Tonnes/m. (longitudinal) DRILL PROVEN	DRILL INDICATED	TOTAL P & I	GRADE Pb %	Zn %	Ag gm/mt.	TONNES x GRADE Pb % mt.	Zn % mt.	Ag gm mt.	TONNES TOTAL	TONNES CUMULATIVE	REMARKS
	KERR OPTION	233,771			5.18	8.42	78.3	1,211,952	1,968,206	18,293,955		14,187,562	
	VANGORDA "	9,839			6.74	7.7	90.7	66,299	75,747	892,710		597,128	
	KERR "		16,464		4.46	7.26	68.8	73,540	119,572	1,132,072		999,200	
	VANG. "		( )										
>8%	KERR & VANG. "	243,610			5.25	8.39	78.8	1,278,251	2,043,953	19,186,665		14,784,890	
Pb+Zn	KERR & VANG. "		( )										
	KERR "			250,235	5.14	8.34	77.6	1,285,492	2,087,778	19,426,027		15,186,762	
	VANG. "			( )									
	KERR & VANG. "			260,074	5.20	8.32	78.1	1,351,791	2,163,525	20,318,737		15,783,890	
	KERR OPTION	72,155			2.7	4.23	41.5	194,557	305,358	2,991,099	4,379,086		
	VANG. "	2,837			3.01	3.87	39.9	8,528	10,982	113,110	172,154		
	KERR "		5,838		2.48	4.09	41.7	14,486	23,934	243,174	354,308		
	VANG "		( )										
6-8%	KERR & VANG. "	74,992			2.71	4.22	41.4	203,085	316,340	3,104,209	4,551,240		
Pb+Zn	KERR & VANG. "		( )										
	KERR "			77,993	2.68	4.22	41.5	209,043	329,292	3,234,273	4,733,394		
	VANG. "			( )									
	KERR & VANG. "			80,830	2.69	4.21	41.4	217,571	340,274	3,347,383	4,905,548		

Date: April 5/77 Calc. by: [illegible] Revised:

GRUM DEPOSIT, Y.T.

MINERAL RESERVE SUMMARY

DRILL PROVEN ---- 62W – 84W
DRILL INDICATED --- 86W

SECTION 62W – 84W / 62W – 86W

CATEGORY	PROPERTY	Tonnes/m. (longitudinal) DRILL PROVEN	DRILL INDICATED	TOTAL P & I	GRADE Pb %	Zn %	Ag gm/mt.	TONNES x GRADE Pb % mt.	Zn % mt.	Ag gm mt.	TONNES TOTAL	TONNES CUMULATIVE	REMARKS
	KERR OPTION	305,926			4.60	7.43	69.6	1,406,509	2,273,564	21,285,054		18,566,648	
	VANGORDA "	12,676			5.90	6.84	79.4	74,827	86,729	1,005,820		769,282	
	KERR "		22,302		3.95	6.43	60.8	88,026	143,506	1,355,246		1,353,508	
	VANG. "		( )										
>6% <	KERR & VANG "	318,602			4.65	7.41	70.	1,481,336	2,360,293	22,290,874		19,335,930	
Pb + Zn	KERR & VANG "		( )										
	KERR "			328,228	4.55	7.36	69.0	1,494,535	2,417,070	22,660,300		19,920,156	
	VANG. "			( )									
	KERR & VANG. "			340,904	4.60	7.34	69.4	1,569,362	2,503,799	23,666,120		20,689,438	
	KERR OPTION	80,045			2.03	2.92	31.2	162,378	233,875	2,494,361	4,857,932		
	VANG. "	3,473			1.99	3.05	29.4	6,896	10,591	102,165	210,776		
	KERR "		5359		2.14	3.17	32.6	11,501	16,996	174,879	325,238		
	VANG. "		( )										
4-6% <	KERR & VANG "	83,518			2.03	2.93	31.1	169,274	244,466	2,596,526	5,068,708		
Pb+Zn	KERR & VANG. "		( )										
	KERR "			85,404	2.04	2.94	31.3	173,879	250,871	2,669,240	5,183,170		
	VANG. "			( )									
	KERR & VANG "			88,877	2.03	2.94	31.2	180,775	261,462	2,771,405	5,393,946		

GRUM DEPOSIT, Y.T.

MINERAL RESERVE SUMMARY

DRILL PROVEN ---- 62W - 84W
DRILL INDICATED --- 86W

SECTION 62W - 84W / 62W - 86W

CATEGORY	PROPERTY	Tonnes/m. (longitudinal) DRILL PROVEN	DRILL INDICATED	TOTAL P & I	GRADE Pb %	Zn %	Ag gm/mt.	TONNES x GRADE Pb % mt.	Zn % mt.	Ag gm mt.	TONNES TOTAL	TONNES CUMULATIVE	REMARKS
	KERR OPTION	385,971			4.06	6.5	61.6	1,568,887	2,507,439	23,779,415		23,424,580	
	VANGORDA "	16,149			5.06	6.03	68.6	81,723	97,320	1,107,985		980,058	
	KERR "		27,661		3.59	5.80	55.3	99,527	160,502	1,530,125		1,678,746	
	VANG. "		( )										
>4%	KERR & VANG. "	402,120			4.10	6.48	61.9	1,650,610	2,604,759	24,887,400		24,404,637	
Pb+Zn	KERR & VANG "		( )										
	KERR "			413,632	4.03	6.45	61.2	1,668,414	2,667,941	25,329,540		25,103,326	
	VANG. "			( )									
	KERR & VANG. "			429,781	4.07	6.43	61.5	1,750,137	2,765,261	26,437,525		26,083,384	