To: Dave Lowrie

10% plus ORE RESERVE SUMMARY
SECTION 74 W
GRUM DEPOSIT

019810

J. Allen June 9/76

Zone/Segment	DIP LENGTH	Thickness and Av. W.	AREA	GRADE and WEIGHTED Av.			AREA x GRADE			Combined %	REMARKS
				%	%	gm/M.T.					
	M.	M.	Metres²	Pb	Zn	Ag	Pb	Zn	Ag	Pb Zn	
B-1	51	4.5	229.5	6.68	5.23	86.40	1533.05	1200.285	19,828.8	⌐	Pb > Zn
C-1	27.5	6.0	165.0	5.87	8.84	85.02	968.55	1458.6	14,028.3	⊓	
C-2	45	4.6	207.0	4.08	6.25	59.71	844.56	1397.25	12,359.97	⌐	
C1 & C2	72.5	5.13	372.0	4.87	7.68	70.94	1813.11	2855.85	26,388.27	⊓	
B1 to C2	123.5	4.87	601.5	5.56	6.74	76.84	3346.16	4056.63	46,217.07	⊓	
C-3	29	4.5	130.5	3.23	5.90	46.08	421.52	769.95	6013.44	|	
4	16	3.0	48.0	4.13	7.11	58.74	198.24	341.27	2819.52	⌐	
5	15	3.0	45.0	3.71	6.13	58.9	166.95	275.85	2650.50	|	
6	11.5	4.0	46.0	3.52	5.94	59.76	161.92	273.24	2748.96	|	
7	22.5	4.3	96.8	3.68	6.27	55.31	356.22	606.94	5354.01	|	
C3 to C7	94.0	3.9	366.3	3.56	6.19	53.47	1304.85	2267.26	19,586.98	|	
B1 to C7	217.5	4.45	967.8	4.81	6.53	67.99	4651.00	6323.4	65,803.55	⌐	
C-8	30	4.3	129.0	4.34	6.54	56.23	559.86	843.66	7253.67	⌐	
9	12	4.2	50.4	5.33	8.12	73.30	268.63	409.25	3694.32	⊓	
10	33	3.7	122.1	6.08	12.50	94.7	742.37	1526.25	11,562.87	□	high Zn
11	20	7.3	146.0	9.06	15.67	158.89	1322.76	2287.82	23,197.94	□	
12	14	6.5	91.0	6.37	11.45	94.53	579.67	1041.95	8602.23	□	high Zn
13	27.5	5.7	156.75	6.42	10.91	106.39	1006.34	1710.14	16,676.63	□	
14	20.6	6.1	125.66	7.07	11.21	120.7	888.42	1408.65	15,167.16	□	
15	27.5	3.0	82.50	5.24	8.53	80.67	432.30	703.73	6,655.28	⊓	
C8 to C15	184.6	4.89	903.41	6.42	10.99	102.73	5800.33	9931.45	92,810.10	□	
B1 to C15	402.1	4.65	1871.21	5.59	8.69	84.77	10,451.33	16,254.85	158,613.65	⊓	
C-16	32.5	4.7	152.75	6.38	9.51	115.43	974.55	1452.65	17,631.93	□	high Ba
17	19	3.0	57.0	4.91	7.44	83.87	279.87	424.08	4,780.59	⊓	" "
18	15	7.6	114.0	4.33	7.35	90.28	493.62	837.9	10,291.92	⌐	" "
19	21.5	6.1	131.15	5.06	8.09	77.36	663.62	1061.0	10,145.76	⊓	
20	17	13.4	227.8	4.74	7.70	79.95	1079.77	1754.06	18,212.61	⊓	
21	26	15.7	409.5	4.65	7.4	80.39	1904.18	3030.3	32,919.71	⊓	high Ba
22	19.5	11.9	232.05	4.92	7.79	80.47	1141.69	1807.67	18,673.06	⊓	
23	21.0	6.8	142.8	5.34	8.78	86.36	762.55	1253.78	12,332.21	⊓	
24	8.0	6.5	52.0	5.51	8.06	86.86	286.52	419.12	4,516.72	⊓	
25	22.0	7.5	165.0	5.90	8.41	91.42	973.50	1387.65	15,084.3	⊓	
26	6.5	7.3	47.45	6.21	9.53	98.81	294.66	452.19	4,688.53	□	
27	30.0	6.1	183.0	5.56	9.15	94.43	1017.48	1674.45	17,280.69	⊓	
28	47.0	4.3	202.1	5.06	8.48	81.16	1022.63	1713.81	16,402.44	⊓	
29	69.0	3.2	220.8	5.54	7.18	76.76	1223.23	1585.34	16,948.61	⊓	
C16 to C29	354.0	6.6	2,337.4	5.18	8.07	85.53	12,117.87	18,854.00	199,909.08	⊓	
C1 to C29	705.1	5.64	3,979.1	5.29	8.52	85.12	21,036.6	33,908.56	338,693.93	⊓	
B1 to C29	756.1	5.57	4,208.6	5.36	8.34	85.19	22,569.20	35,108.85	358,522.73	⊓	

10% plus ORE RESERVE SUMMARY
SECTION 74 W
GRUM DEPOSIT

J. Chow June 9/76

Zone/Segment	DIP LENGTH	Thickness and Av. W	AREA	GRADE and WEIGHTED AV. % Pb	% Zn	gm/M.T. Ag	AREA × GRADE Pb	Zn	Ag	Combined % Pb Zn	REMARKS
	M.	M.	Metres2								
D-1	28.0	32.0	896.0	4.20	6.77	61.89	3763.2	6065.92	55,453.44	⌐	
2	28.5	9.4	267.9	5.81	9.88	96.96	1556.5	2646.85	25,975.58	□	
3	19.0	3.5	66.5	3.25	12.01	50.05	216.13	798.67	3,328.33	□	high Zn
4	38.0	3.2	121.6	4.25	8.04	74.00	516.80	977.66	8,998.40	⊓	" "
D1 to D4	113.5	11.91	1352.0	4.48	7.76	69.35	6052.63	10,489.10	93,755.75	⊓	
B1 to D4	869.6	6.39	5560.6	5.15	8.20	81.34	28,621.83	45,597.95	452,278.48	⊓	
E-1	15	4.5	67.5	7.15	11.88	107.76	482.63	801.90	7,273.80	□	
2	20	3.8	76.0	4.18	8.92	71.5	317.68	677.92	5,434.06	⊓	high Zn
E1 to E2	35	4.1	143.5	5.58	10.31	88.56	800.31	1479.82	12,707.80	□	
B1 to E2	904.6	6.31	5704.1	5.16	8.25	81.52	29,422.14	47,077.77	464,986.28	⊓	
E-3	13.5	4.0	54.0	4.64	7.96	69.54	250.56	429.84	3,755.16	⊓	
-4	15.0	5.2	78.0	5.13	7.44	70.65	400.14	580.32	5,510.70	⊓	
E3 to E4	28.5	4.63	132.0	4.93	7.65	70.2	650.70	1010.16	9,265.86	⊓	
B1 to E4	933.1	6.25	5836.1	5.15	8.24	81.26	30,072.84	48,087.93	474,252.14	⊓	
E-5	5.5	7.2	39.6	8.37	19.15	141.63	331.45	758.34	5,608.55	□	high Zn
-6	5.5	6.5	35.75	4.99	7.31	71.72	178.39	261.33	2,563.99	⊓	
E5 to E6	11.0	6.85	75.35	6.77	13.53	108.46	509.24	1019.67	8,172.54	□	
B1 to E6	944.1	6.26	5911.45	5.17	8.31	81.61	30,582.68	49,107.60	482,424.68	⊓	
E-7	14.0	9.8	137.2	4.45	9.08	70.08	610.54	1245.78	9,614.98	⊓	high Zn
-8	73.0	8.2	598.6	4.78	9.43	73.66	2861.31	5644.8	44,092.88	⊓	" "
-9	63.0	3.4	214.2	4.14	7.16	61.81	886.79	1533.67	13,239.70	⌐	
E7 to E9	150.0	6.33	950.0	4.59	8.87	70.47	4,352.64	8424.25	66,947.56	⊓	
B1 to E9	1094.1	6.27	6861.45	5.09	8.38	80.07	34,941.32	57,531.85	549,372.24	⊓	
F-1	25	4.6	115.00	9.39	6.76	119.8	1079.85	777.40	13,777.00	□	Pb & Zn, high Ba
G-1	16	4.0	64.00	4.13	9.73	90.64	264.32	622.72	5,800.96	⊓	high Zn
F1 & G1	41	4.37	179.00	7.51	7.82	109.37	1344.17	1400.12	19,577.96	□	
B1 to G1	1135.1	6.20	7040.45	5.15	8.37	83.81	36,285.49	58,931.97	568,950.2	⊓	= 28.275 M.T./M ⊛ incl. 8-10% Pb Zn in C-3,5,6
C-30	41	6.5	266.5	5.87	8.84	85.02					Reserve in roof pil
(1) 8-10%	78.0	4.08	318.30	3.48	6.05	52.68	1106.61	1925.93	16,766.91	1	= 1278 M.T./M. (of str. or = 428 T/Ft.
(⌐) 10-12%	248.0	7.41	1837.70	4.51	6.65	65.98	8279.32	12,219.97	121,247.02	⌐	= 7380 M.T./M or = 2472 T/Ft.
(⊓) 12-15%	562.0	6.20	3486.25	5.	8.15	79.58	17,424.26	29,123.21	277,445.67	⊓	= 14,001 M.T./M. or = 4690 T/Ft.
(□) 15+ %	247.1	5.66	1398.21	6.78	11.20	109.78	9475.33	15,662.81	153,490.55	□	= 5615 M.T./M. or = 1881 T/Ft.
12+ %	309.1	6.04	4884.46	5.51	9.17	88.23	26,899.59	44,786.02	430,936.22	⊓	= 19,616 M.T./M or = 6571 T/Ft
10+ %	1057.1	6.36	6722.16	5.23	8.48	84.64	35,178.91	57,005.99	552,183.24	⊓	= 26,996 M.T./M or = 9044 T/Ft.

⊛ Figures do not incl. (C-30) discounted for roof pillar

A11 A-65 A-71 A-88 A-90 A-92

DOAL LAKE

1300 m

1200 m

1100 m

1000 m

B.L.

5+00 N

10+00 N

LEGEND

Section of mineralized zone

(C12) No. of section

6.37 11.45 94.53 x 14.0m / 6.5m = Pb% Zn% Ag oz/T x Length Meters / Thickness Meters

10% plus % combined Pb+Zn

6–10 % combined Pb+Zn

12.45 / 6.78 Combined Pb+Zn %

< 2 % combined Pb+Zn

2 – 4 " " "

4 – 6 " " "

6 – 8 " " "

8 – 10 " " "

10 – 12 " " "

12 – 15 " " "

15 " " "

KERR ADDISON MINES

GRUM DEPOSIT

SCALE 1:500 m

SECTION 74W

10% plus Pb Zn ORE RESERVE

Drwn. By: P.K. + F.C.

Date: May 13, 1976

Revised:

Trench Copy