

ORE RESERVE SUMMARY

SECTION 72 W GRUM DEPOSIT

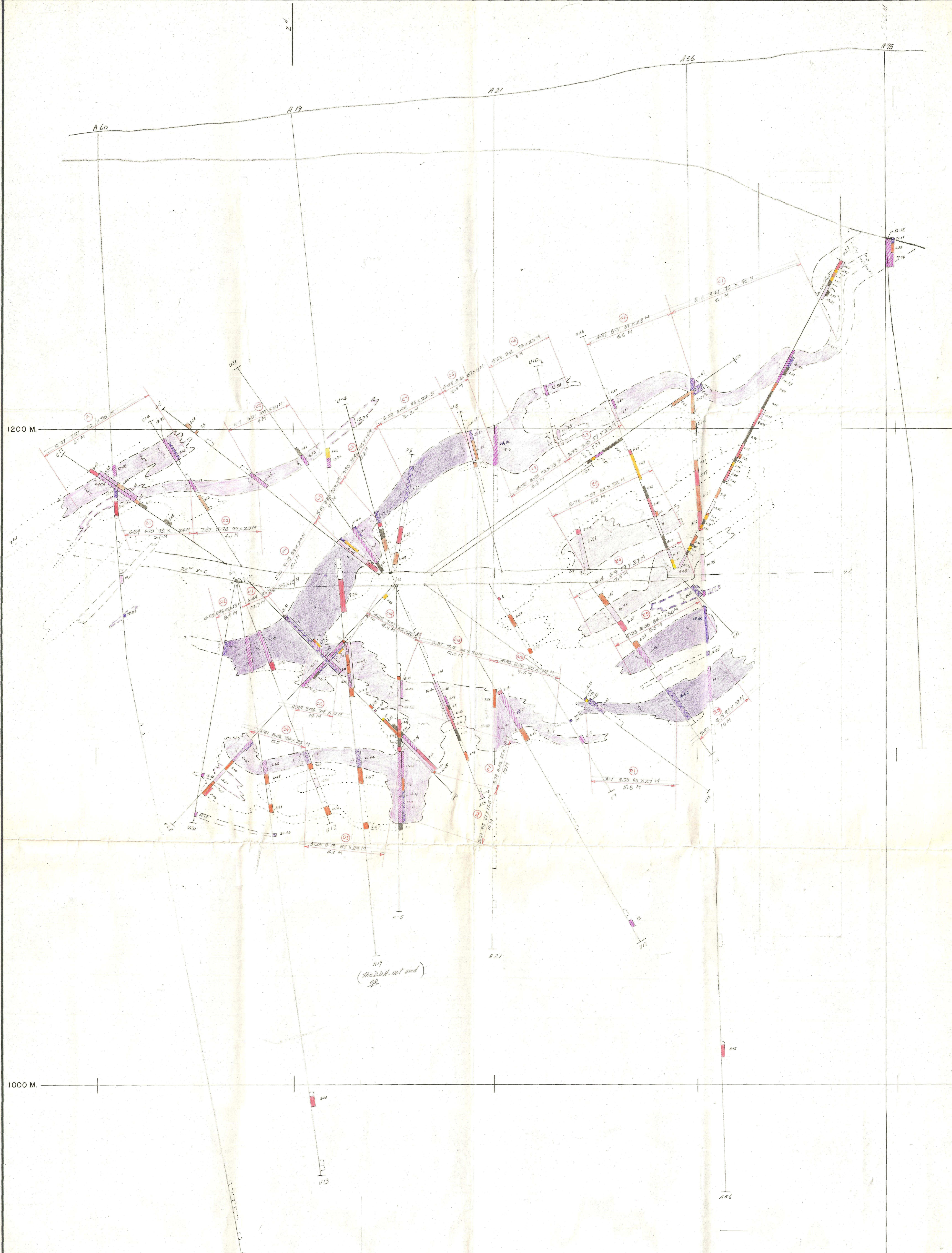
MARCH 17/
A. L. Shaw

ZONE / SEGMENT	DIP LENGTH METRES	THICKNESS M.	AREA METRES ²	GRADE			AREA x GRADE			REMARKS
				Pb	Zn	Ag %/MT				
A-1	36	6.7	241.2	6.97	7.87	110	1681.16	1898.24	26,532.0	
B-1	24	3.1	74.4	6.84	6.10	93	508.9	453.84	6,919.2	
B-2	20	4.1	82.0	7.67	5.78	99	628.9	473.96	8,118.0	
B-3	21	4	84.0	8.7	6.01	109	730.8	504.84	9,156.0	
B ₁ to B ₃	65	3.7	240.4	7.77	5.96	101	1868.6	1432.64	24,193.2	
A ₁ to B ₃	101	4.8	481.6	7.37	6.92	105	3549.76	3330.88	50,725.2	
C-1	45	5.1	229.5	5.11	9.61	75	1172.75	2205.5	17,212.5	
C-2	28	5.5	154.0	4.37	8.71	67	672.98	1341.34	10,318.0	
C-3	20	5	100.0	3.78	7.63	57	378.00	763.00	5,700.0	
C-4	18	8.6	154.8	4.75	8.83	72	735.30	1366.88	11,145.6	
C-5	23	3	69.0	4.68	8.2	73	322.92	565.80	5,037.0	
C-6	8	10.5	84.0	4.54	8.64	67	381.36	725.76	5,628.0	
C-7	22.5	8.2	184.5	6.29	11.49	96	1,160.51	2,119.91	17,712.0	
C-8	14	5.2	72.8	9.33	16.44	145	679.22	1,196.83	10,556.0	
C-9	13	9	117.0	5.63	8.34	80	658.71	975.78	9,360.0	
C-10	29	12.1	350.9	5.90	9.23	88	2,070.31	3,238.81	30,879.2	
C-11	10	10.7	107.0	6.44	10.26	95	689.08	1,097.82	10,165.0	
C-12	13	8.9	115.7	6.05	8.98	93	699.99	1,038.99	10,760.0	
C ₁ to C ₁₂	243.5	7.1	1739.2	5.53	9.57	83	9621.13	16,636.42	144,473.3	
C-13	10	14	140.0	4.99	8.76	74	698.60	1,226.40	10,360.0	
C-14	20.5	9.5	194.8	4.29	7.92	65	835.69	1,542.82	12,662.0	
C-15	30	12.3	369.0	3.87	7.13	63	1428.00	2,630.97	23,247.0	
C-16	19	9.5	180.5	4.93	8.56	80	889.87	1,545.08	14,440.0	
C ₁₃ to C ₁₆	79.5	11.1	884.3	4.36	7.85	69	3852.16	6,945.27	60,709.0	
C ₁ to C ₁₆	323.0	8.1	2623.5	5.14	8.99	78	13,473.29	23,581.69	205,182.3	
A ₁ to C ₁₆	424.0	7.3	3105.1	5.48	8.67	82	17,023.05	26,912.57	255,907.5	
D-1	19	10	190.0	3.79	6.88	66	720.10	1,307.20	12,540.0	
D-2	17.5	10	175.0	5.09	9.5	81	890.75	1,662.50	14,175.0	
D-3	29	5.2	150.8	5.23	8.73	84	788.68	1,316.48	12,667.2	
D-4	25	5.5	137.5	6.41	8.03	94	881.38	1,104.13	12,925.0	
D ₁ to D ₄	90.5	7.2	653.3	5.02	8.25	80	3280.91	5,390.31	52,307.2	
A ₁ to D ₄	514.5	7.3	3758.4	5.40	8.59	82	20,303.96	32,302.88	308,214.7	
E-1	27	5.8	156.6	6.10	9.73	93	955.26	1,523.72	14,563.8	
E-2	19	10	190.0	5.92	9.15	91	1124.80	1,738.50	17,290.0	
E-3	30	8.5	255.0	5.23	10.06	84	1335.65	2,565.30	21,420.0	
E-4	37	7.5	277.5	4.4	6.9	59	1221.00	1,914.75	16,372.5	
E-5	32	8.5	272.0	3.76	7.59	62	1022.72	2,064.48	16,864.0	
E ₁ to E ₅	145	7.9	1151.1	4.92	8.52	75	5659.43	9,806.75	86,510.3	
A ₁ to E ₅	659.5	7.4	4909.5	5.29	8.58	80	25,963.39	42,109.63	394,725.0	Total 10% plus PbZn reserve = 19,717 M.T./M or 6605 T/ft.
C _{3, 6, 15, D₁, E₄ and E₅}	146	8.9	1292.5	3.99	7.28	62	5151.18	9,406.16	80,351.5	10-12% PbZn reserve = 5190 M.T./M or 1739 T/ft.
A ₁ to E ₅ less above	513.5	7.0	3617.0	5.75	9.04	87	20,812.21	32,703.47	314,373.5	12% plus PbZn Reserve = 14,526 M.T./M or 4866 T/ft.
C _{7, 8, 10, 11, 12} plus E _{2, 3}	137.5	9.3	1275.9	6.08	9.37	93	7759.56	11,957.17	118,782.2	15% plus PbZn Reserve = 5,124 M.T./M or 1716 T/ft.

⊗ Calculations based on D.D.H. to D.D.H. values, not midway between D.D.H.

Metric Tonnes per metre of strike length = $\frac{4909.5 \times 1}{0.24943} = 19,716.87 \text{ M.T./M.}$

Tons per foot = $\frac{4909.5 \times 10.763}{9} = 6605 \text{ T/ft.}$



COLOR	% PbZn
YELLOW	1-2 %
YELLOW OCHRE	2-4
GOLD	4-6
ORANGE	6-8
RED	8-10
LAVENDER	10-12
PURPLE	12-15
VIOLET	15+

PRELIMINARY ORE RESERVE
 OUTLINE OF 10+ % PbZn GRADE
 Columns based on D.D.H. to D.D.H. values,
 not milling values.

GRUM JOINT VENTURE
 GRUM DEPOSIT

SECTION 72 W

SCALE: 1:500
 MARCH, 17th, 1976

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