

016067

KERR ADDISON MINES LIMITED

(FOR INTER-OFFICE USE ONLY)

W. M. Sirole

P. M. Kavanagh

Handwritten notes: *15/10*, *Y 5*, *8/10/10/10*

W.S.R.	
A.G.G.	
H.A.S.	✓
E.F.	
R.S.S.	
F.C.B.	
P.M.K.	✓
P.M.	
C.K.W.	
I.S.	
S.T.R.	
K.F.L.	
I.L.B.	
E.C.J.	○

To: Ore Reserves Calculations, From: December 27th, 1966.
Swim Lakes 'A' Group, Yukon.
 Subject: _____ Date: _____

Attached is a data sheet I have worked out using yours and Fred's interpretation on the cross sections. If you refer to your copies of the sections you will note how I handled the various inter-sections, etc.

Using a tonnage factor of 8, which was the tonnage factor used in the Vangorda property calculations, the resulting figures of interest are the following:

4,750,000 tons of 1.5 oz. Ag, 3.8% Pb, 4.7% Zn

Those figures are not very different from the 5,000,000 tons of 1.5 oz. Ag. and 9% Pb-Zn which I presented at our last Board meeting, but of course they are based on a much more careful interpretation of our data.

The tonnage figure can very probably be expanded in the area east of A-30 and A-31 and south of A-19 and A-17, also possibly south of A-24 and A-20, and east of A-37. The tonnage figure does not all represent open-pitiable reserves; I intend to make a calculation of the indicated open-pitiable portion as soon as I have time.

I would appreciate any comments you or Fred may have.



Paul M. Kavanagh
 Chief Geologist - Exploration.

PMK:sw

Section No.	Hole No.	Footage	Length	Width	Thickness	Ag.oz	Pb%	Zn%	Volume Cu.Ft.	Vol. x Ag	Vol. x Pb	Vol. x Zn
106+50SE	A-24	151.7 - 200.5	200'	200	40	1.8	3.7	4.8	1,600,000	2,880,000	5,920,000	7,680,000
108+50SE	A-20	160.0 - 187.0	175	230	25	1.3	3.1	4.9	1,010,000	1,313,000	3,131,000	4,949,000
		328.6 - 360.5	175	250	30	0.9	2.1	4.6	1,310,000	1,179,000	2,751,000	6,026,000
	A-10	356.2 - 432.0	175	220	60	1.7	2.3	5.6	2,320,000	3,944,000	5,336,000	12,992,000
	A-18	465.0 - 483.0	175	200	15	0.6	2.2	5.0	530,000	318,000	1,166,000	2,650,000
110 SE	A-31	140.0 - 160.0	175	150	20	1.3	3.2	3.7	530,000	689,000	1,696,000	1,961,000
		175.0 - 195.0	175	150	20	1.6	3.3	4.5	520,000	832,000	1,716,000	2,340,000
		232.5 - 242.5	175	150	10	1.8	3.2	5.8	260,000	468,000	832,000	1,508,000
	A-30	406.0 - 483.0	175	210	70	1.2	3.4	4.0	2,570,000	3,084,000	8,738,000	10,280,000
112 SE	A-19	83.0 - 113.0	200	200	30	1.6	4.7	4.0	1,200,000	1,920,000	5,640,000	4,800,000
		210.0 - 230.0	200	200	20	1.1	3.2	4.9	800,000	880,000	2,560,000	3,920,000
	A-15	334.0 - 352.9	200	200	19	0.7	2.3	4.5	760,000	532,000	1,748,000	3,420,000
114 SE	A-12	320.5 - 399.0	200	200	79	1.2	3.8	4.0	3,160,000	3,792,000	12,008,000	12,640,000
116 SE	A-23	125.0 - 175.0	200	160	80	1.5	4.1	4.3	2,560,000	3,840,000	10,496,000	11,008,000
	A-35	406.0 - 421.0	200	200	10	1.2	3.5	4.0	400,000	480,000	1,400,000	1,600,000
	A-6A	154.0 - 232.0	200	200	78	2.5	7.8	7.2	3,120,000	7,800,000	24,336,000	22,464,000
	A-14	423.3 - 437.3	200	220	10	1.5	3.5	4.3	440,000	660,000	1,540,000	1,892,000
118 SE	A-28	200.0 - 252.0	200	190	50	1.7	3.3	5.6	1,900,000	3,230,000	6,270,000	10,640,000
	A-4	193.0 - 237.0	200	190	43	1.1	3.5	4.2	1,630,000	1,793,000	5,705,000	6,846,000
		279.0 - 314.0	200	190	35	1.5	1.0	5.2	1,330,000	1,995,000	1,330,000	6,916,000
		375.0 - 395.0	200	170	20	1.1	4.5	4.3	680,000	748,000	3,060,000	2,924,000
		425.0 - 472.0	200	170	47	1.6	2.9	4.2	1,600,000	2,560,000	4,640,000	6,720,000
120 SE	A-5	276.0 - 320.0	200	190	43	2.1	5.6	4.6	1,600,000	3,360,000	8,960,000	7,360,000
		356.4 - 367.8	200	180	10	1.4	5.1	4.1	360,000	504,000	1,836,000	1,476,000
	A-13	472.0 - 482.0	200	190	10	1.5	3.5	5.0	380,000	570,000	1,330,000	1,900,000
122 SE	A-29	130.5 - 181.0	200	140	45	1.1	4.9	3.5	1,260,000	1,386,000	6,174,000	4,410,000
		205.0 - 230.7	200	150	20	1.7	3.6	5.4	600,000	1,020,000	2,160,000	3,240,000
	A-25	179.7 - 188.0	200	150	9	1.8	3.6	4.7	270,000	486,000	972,000	1,269,000
	A-16	452.7 - 464.5	200	200	12	1.1	3.0	4.5	480,000	528,000	1,440,000	2,160,000
124 SE	A-37	73.0 - 113.0	200	200	40	1.2	3.0	4.0	1,600,000	1,920,000	4,800,000	6,400,000
		402.0 - 432.0	200	200	30	1.8	4.2	3.6	1,200,000	2,160,000	5,040,000	4,320,000

37,980,000 Cu.Ft.