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PRELIMINARY OPEN PIT
RESERVE EVALUATION
FOR THE SWIM LEAD-ZINC-SILVER
DEPOSIT NEAR FARO, YUKON

Prepared for Curragh Resources Inc.
by I. Vintila, P.Eng.

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FIGURES AND MAPS

1. SCOPE OF WORK

Mr. Gregg Jilson, Manager of Regional Geology for Curragh Resources Inc. requested I. Vintila, P.Eng. to prepare a preliminary study concerning the possiblity of open pit mining in the Swim Polymetallic (Pb, Zn, Ag) deposit owned by Curragh Resources Inc.

The Swim Lake deposit is located 17 km east of the town of Faro and 25 km southeast of the existing Faro open pit mine and concentrator.

2. INFORMATION BASE

The geological and topographical data received was prepared by Kerr Addison Mines Ltd. and consisted of:

- Diamond drill hole logs and assays
- Geology sections 104, 106, 108, 110, 112, 114, 116, 118, 120 and 124 - scale 1:500
- Longitudinal section - scale 1:1000
- Bedrock geology and topography - scale 1:1000
- Diamond drill collars and topography - scale 1:1000

There are 44 diamond drill holes in the area of the Swim Deposit. The holes were drilled in the period 1964-1971. Of these holes, 37 define the actual Swim Deposit.

3. GEOLOGY OF THE DEPOSIT AREA

The deposit occurs stratigraphically just beneath the basal carbonaceous member of the Vangorda formation. Swim is similar to the other lead-zinc deposits of the Anvil Range. It consists of a massive sulphide zone surrounded and underlain by disseminated sulphides in quarzite, commonly carbonaceous. The deposit is a folded stratiform ore layer with an extensively altered and sulphide impregnated footwall. The ore layer forms a shallowly northwest plunging, recumbant, isoclinal fold closing to the southwest. A steeply dipping late stage fault separates the deposit into two domains. The deposit is truncated at depth by a flat-lying fault subparallel to the axial plane of the major fold. Metamorphic conditions at Swim were greenschist facies thus the ores are finegrained like Vangorda and Grum.

4. GEOLOGICAL RESERVES

An analysis of the drill hole intersection with the ore was done and the results are shown in Table 1. The ore intervals were divided in two categories; high grade ore over 5% Pb and Zn and low grade, 4-5% Pb and Zn.

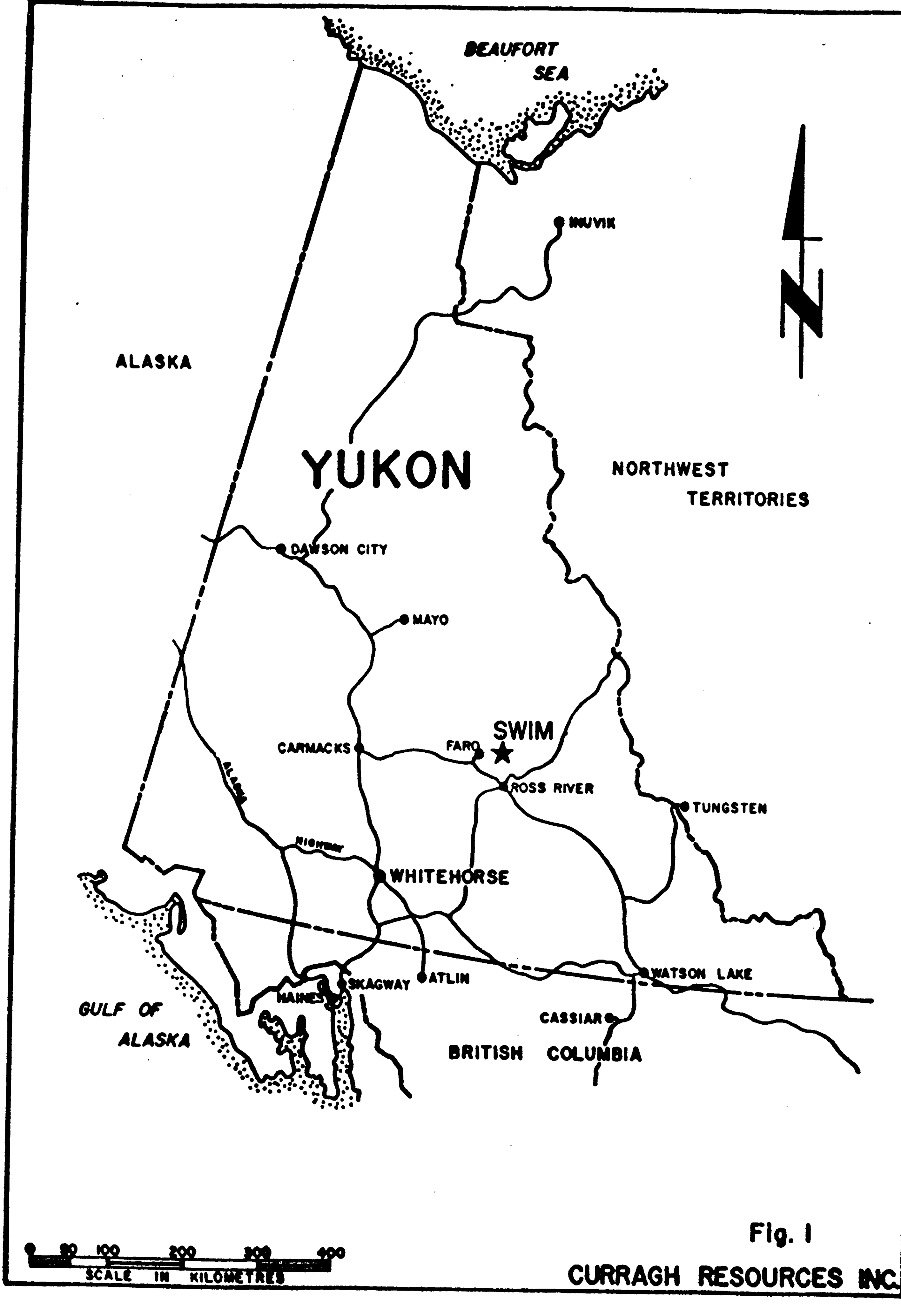

Fig. 1

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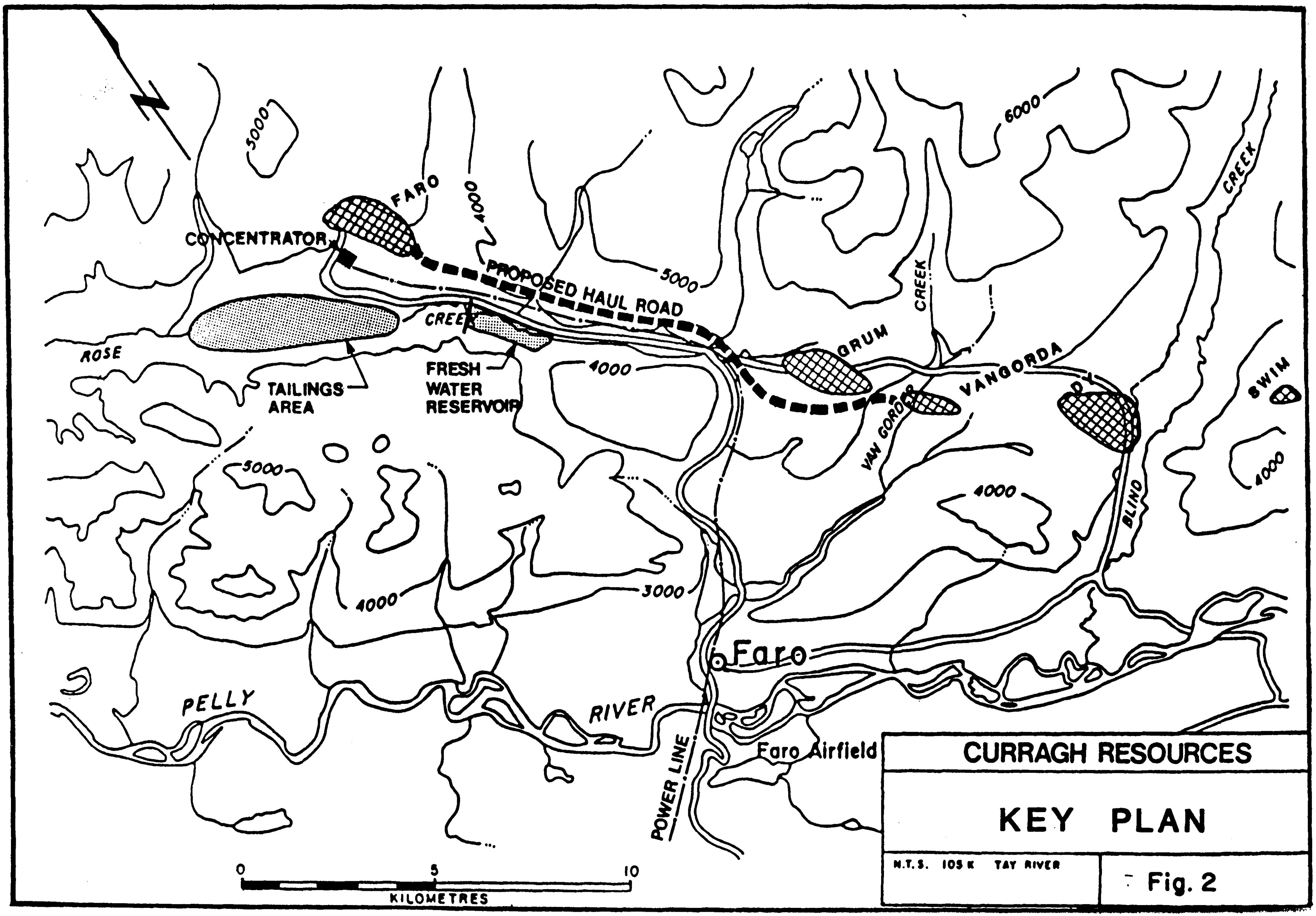

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KEY PLAN

N.T.S. 105 K TAY RIVER	Fig. 2

Based on the above data a rough estimation of the In Situ reserves in the area, was done in the same table resulting:

	m3 x 103	tonnes x 103	Pb+Zn(%)	Pb(%)	Zn(%)	Ag(g/t)
HIGH GRADE	1079.5	4150.0	8.7	3.9	4.8	51.0
LOW GRADE	273.0	980.0	4.5	1.8	2.7	28.0
TOTAL	1352.5	5130.0	7.9	3.5	4.4	47.0

5. PIT DESIGN

The conceptual scheme of the pit is based on the truck and shovel operation method.

- Pit slope geometry
  Rock highwall slope 45°
  Overburden slope 30°

- Pit ramps:
  Width 25-30 m
  Maximum grade 8-10 %

The thickness of the overburden in the area is approximately 10 m.

To define the limits of the pit, the geological sections at a scale of 1:500, prepared by Kerr Addison Ltd. were used. The sections were completed with a rough interpretation of the possible extensions of the two categories of ore, done by Mr. Gregg Jilson.

The mining of the pit will be done in two phases with the intention of saving excavation beyond the limits of the pit for road construction (see Figures 16 and 17).

In the first phase the haul road will be built in the western half of the pit and the main production will be mined in the eastern half of the pit until the bottom.

As soon as possible the waste will be backfilled and a new road will be built over the backfilled waste, in the eastern area of the pit. The mining of the western half of the pit will be done using the new road and backfilling all the remaining waste (see Figure 17).

8. COMPARISON WITH VANGORDA AND GRUM

	SWIM LAKE	VANGORDA	GRUM
TOTAL VOLUME (m3)	11,600,000	8,050,000	75,290,000
TOTAL TONNAGE (tonnes)	31,350,000	21,570,000	199,790,000
OVERBURDEN (tonnes)	4,400,000	7,600,000	27,890,000
ROCK tx10 3	23,040,000	8,000,000	147,930,000
MINEABLE ORE tx10 3	3,910,000	5,970,000	23,970,000
HIGH GRADE ORE tx10 3	3,245,000	5,440,000	20,850,000
LOW GRADE ORE tx10 3	665,000	530,000	3,120,000
Pb+Zn% (high grade)	7.74	8.58	8.58
Pb%	3.48	3.74	3.19
Zn%	4.26	4.84	5.39
Ag g/t	44	53	54
Au g/t	--	0.59	0.84
Pb+Zn% (low + high grade	7.13	8.16	7.97
Pb%	3.22	3.56	2.97
Zn%	3.91	4.60	5.00
Ag g/t	42	51	50
Au g/t	--	0.587	0.807
STRIPPING RATIO t/t	7.00	2.64	7.44

9. CONCLUSIONS

A.) From the mining point of view, the data presented in the report show that it is possible to develop a small open pit in the area of Swim Lake; however, the problem of hauling the production to the preparation plant remains a major one.

B.) The geological data are not detailed enough to be used for mine planning and design of an open pit.

C.) A program of new drilling has to be executed to define the real shape of the ore bodies before starting any major expenditures.

D.) The estimation of the volume of reserves in the area of the pit was done conservatively, as probably the new drilling program will improve the general aspect of the area.

E.) The grade of the ore is in average lower than in Vangorda and Grum, and there isn't any gold in the ore.

F.) From the existing maps, waste dumping in the proximity of the assumed area of the pit should not be a problem.

Respectfully submitted,

I. Vintila, P.Eng.

TABLE 1

SWIM LAKE
GEOLOGICAL RESERVES CALCULATION

DRILLHOLE NO.	DEPTH FROM-TO m	CORE LENGTH m	GRADE Pb + Zn%	Pb%	Zn%	Ag g/t	DRILLHOLE INCLIN	L m	W m	VOL m3X10 3
A4	45.7- 48.4	2.7	4.6	1.9	2.7	16	60	60	65	9.1
	58.8- 66.7	7.9	8.7	3.6	5.1	33			63	25.9
	68.6- 73.5	4.9	6.7	3.6	3.1	43			63	16.0
	85.0- 95.6	10.6	6.2	1.0	5.2	51			63	34.7
	114.2-120.3	6.1	8.8	4.5	4.3	37			61	19.3
	120.3-129.4	9.1	4.1	2.1	2.0	18			61	28.8
	129.4-143.7	14.3	7.1	2.9	4.2	56			61	45.3
	114.2-143.7	29.5	6.5	3.0	3.5	40			--	--
	TOTAL									
	HIGH GRADE	43.8	7.4	2.9	4.5	47				141.2
	LOW GRADE	11.8	4.2	2.0	2.2	18				37.9
A5	56.3- 58.9	2.6	6.0	2.9	3.1	12	61	60	61	8.3
	84.0- 85.5	1.5	7.6	4.6	3.0	51			61	48.0
	88.6- 97.5	8.9	13.8	7.5	6.3	99			61	28.5
	108.5-112.0	3.5	9.2	5.1	4.1	48			61	11.2
	119.7-121.8	2.1	9.3	3.3	6.0	59			61	6.7
	126.3-128.8	2.5	6.8	1.5	5.3	65			61	8.0
	148.6-150.9	2.3	7.1	1.5	5.6	72			61	7.4
	158.8-160.2	1.4	5.9	1.5	4.4	62			61	4.5
	164.0-165.6	1.6	5.7	2.5	3.2	40			61	5.1
	TOTAL									
	HIGH GRADE	26.4	9.6	4.5	5.1	62				84.5
	LOW GRADE	--	--	--	--	--				--
A6a	46.9- 70.6	23.7	14.9	7.1	7.8	80	62	60	70	87.9
	85.9- 89.8	3.9	5.2	1.9	3.3	16				14.5
	141.7-144.4	2.7	11.0	5.5	5.5	50				10.0
	TOTAL									
	HIGH GRADE	30.3	13.3	6.3	7.0	69				112.4
	LOW GRADE	--	--	--	--	--				--
A9	130.6-132.2	1.6	8.8	3.7	5.1	38	72	60	70	6.4
	162.8-166.8	4.0	6.0	2.4	3.6	37			70	16.0
	166.8-168	1.2	4.1	1.7	2.4	25			70	4.8
	174.4-175.7	1.3	6.5	2.3	4.2	35			70	5.2
	TOTAL									
	HIGH GRADE	6.9	6.7	2.7	4.0	37				27.6
	LOW GRADE	1.2	4.1	1.7	2.4	25				4.8

DRILLHOLE	DEPTH	CORE	GRADE				DRILLHOLE	L	W	VOL
NO.	FROM-TO m	LENGTH m	Pb + Zn%	Pb%	Zn%	Ag g/t	INCLIN	m	m	m3X10 3
A10	29.8- 31.2	1.4	8.4	2.9	5.5	24	62	55	65	4.4
	104.8-108.5	3.7	4.1	1.5	2.6	25				11.7
	108.5-116.6	8.1	8.5	3.1	5.4	72				25.6
	120.7-128.8	8.1	7.9	2.3	5.6	48				25.6
	128.8-131.8	3.0	4.6	0.8	3.8	22				9.5
	131.8-135.4	3.6	6.1	1.7	4.4	33	68	55	65	11.9
	120.7-135.4	14.7	6.8	1.9	4.9	39	--	--	--	--
	TOTAL									
	HIGH GRADE	21.2	7.8	2.5	5.3	53				67.5
	LOW GRADE	6.7	4.3	1.2	3.1	24				21.2
A12	97.6-103.5	5.9	10.1	5.2	4.9	21	67	60	67	21.8
	105.8-121.5	15.7	7.9	3.7	4.2	49			67	58.1
	123.5-128.7	5.2	4.9	2.1	2.8	38			67	19.2
	TOTAL									
	HIGH GRADE	21.6	8.5	4.1	4.4	41				79.9
	LOW GRADE	5.2	4.9	2.1	2.8	38				19.2
A13	143.8-146.8	3.0	8.5	3.5	5.0	51	73	60	50	8.6
	155.3-156.8	1.5	9.8	4.6	5.2	56			50	4.3
	TOTAL									
	HIGH GRADE	4.5	8.9	3.8	5.1	53				12.9
	LOW GRADE	--	--	--	--	--				--
A14	128.8-133.2	4.3	7.8	3.5	4.3	50	71	60	60	14.6
	138.5-141.1	2.6	9.0	3.7	5.3	69				8.8
	142.8-145.9	3.1	4.6	1.8	2.8	21				10.6
	TOTAL									
	HIGH GRADE	6.9	8.3	3.6	4.7	57				23.4
	LOW GRADE	3.1	4.6	1.8	2.8	21				10.6
A15	95.6- 97.1	1.5	6.2	2.4	3.8	25	72	60	58	4.9
	101.7-104.8	3.1	4.1	1.1	3.0	4				10.2
	104.8-107.5	2.7	9.9	3.6	6.3	45				8.9
	TOTAL									
	HIGH GRADE	4.2	8.6	3.2	5.4	38				13.8
	LOW GRADE	3.1	4.1	1.1	3.0	4				10.2

DRILLHOLE NO.	DEPTH FROM-TO m	CORE LENGTH m	Pb + Zn%	GRADE Pb%	Zn%	Ag g/t	DRILLHOLE INCLIN	L m	W m	VOL m3X10 3
A16	107.3-109.5	2.2	5.1	1.4	3.7	15	90	60	48	6.3
	137.9-141.5	3.6	7.5	3.0	4.5	38				10.4
	TOTAL									
	HIGH GRADE	5.8	6.6	2.4	4.2	29				16.7
	LOW GRADE	--	--	--	--	--				--
A17	68.4- 71.3	2.9	4.8	2.2	2.6	28	62	60	54	8.3
A18	141.6-147.1	5.5	7.2	2.2	5.0	21	64	55	47	12.8
A19	25.3- 34.4	9.1	8.7	4.7	4.0	55	62	60	57	27.5
	51.8- 55.7	3.9	4.2	2.2	2.0	24				11.8
	55.7- 59.4	3.7	6.8	2.8	4.0	45				11.2
	62.7- 70.0	7.3	7.4	3.1	4.3	36				22.0
	71.2- 74.6	3.4	6.0	3.1	2.9	30				10.3
	77.0- 80.4	3.4	7.4	3.3	4.1	40				10.3
	105.8-111.8	6.0	5.0	1.6	3.4	19				18.1
	TOTAL									
	HIGH GRADE	26.9	7.6	3.6	4.0	43				81.3
	LOW GRADE	9.9	4.7	1.8	2.9	21				29.9
A20	44.5- 48.7	4.2	4.7	1.9	2.8	33	53	55	55	10.1
	48.7- 56.9	8.2	8.0	3.1	4.9	45			55	19.8
	100.0-109.8	9.8	6.7	2.1	4.6	31	55		60	26.5
	109.8-111.7	1.9	4.4	1.3	3.1	27	55		60	5.1
	TOTAL									
	HIGH GRADE	18.0	7.3	2.6	4.7	37				46.3
	LOW GRADE	6.1	4.6	1.7	2.9	31				15.2
A21	125.4-129.9	4.5	5.9	2.4	3.5	41	68	60	50	12.5
A22	--	--	--	--	--	--	--	--	--	--
A23	47.5- 49.9	2.4	24.8	18.3	6.5	175	59	60	55	6.8
	55.4- 57.7	2.3	16.3	8.6	7.7	6				6.5
	TOTAL									
	HIGH GRADE	4.7	20.6	13.5	7.1	92				13.3
	LOW GRADE	--	--	--	--	--				--

DRILLHOLE NO.	DEPTH FROM-TO m	CORE LENGTH m	GRADE Pb + Zn%	Pb%	Zn%	Ag g/t	DRILLHOLE INCLIN	L m	W m	VOL m3X10 3
A24	27.4- 35.9	8.5	4.1	2.1	2.0	33	58	60	55	23.8
	46.2- 61.1	14.9	8.5	3.7	4.8	62			55	41.7
	27.4- 61.1	33.7	5.7	2.5	3.2	42	--	--	--	--
	TOTAL									
	HIGH GRADE	14.9	8.5	3.7	4.8	62				41.7
	LOW GRADE	8.5	4.1	2.1	2.0	33				23.8
A25	50.8- 57.2	6.5	6.4	3.1	3.3	56	90	60	43	16.8
	100.4-102.0	1.6	6.0	2.8	3.2	29				4.1
	TOTAL									
	HIGH GRADE	8.1	6.3	3.0	3.3	51				20.9
	LOW GRADE	--	--	--	--	--				--
A26	67.2- 67.8	0.6	4.0	1.6	2.4	17	60	--	--	--
A27	--	--	--	--	--	--	--	--	--	--
A28	61.5- 67.0	5.5	4.7	2.1	2.6	44	69	60	50	15.4
	67.0- 71.9	4.9	7.6	3.0	4.6	47			50	13.7
	61.5- 71.9	10.4	6.1	2.5	3.6	45	--	--	--	--
	71.9- 76.7	4.8	4.2	1.8	2.4	52			50	13.4
	61.5- 76.7	15.2	5.4	2.3	3.1	48	--	--	--	--
	140.6-142.1	1.5	8.1	2.1	6.0	28			40	3.4
	142.1-143.8	1.7	4.8	1.7	3.1	28			40	3.8
	140.6-143.8	3.3	6.3	1.9	4.4	28	--	--	--	--
	TOTAL									
	HIGH GRADE	6.4	7.7	2.8	4.9	42				17.1
	LOW GRADE	12.0	4.5	1.9	2.6	45				32.6
A29	39.7- 56.6	16.9	8.2	4.7	3.5	38	59	60	35	30.4
	56.6- 59.7	3.1	4.7	2.0	2.7	25				5.6
	62.4- 70.2	7.8	9.0	3.6	5.4	58				14.0
	131.9-133.1	1.2	11.5	3.4	8.1	34				2.1
	141.9-144.9	3.0	8.8	3.7	5.1	71				5.4
	TOTAL									
	HIGH GRADE	28.9	8.6	4.2	4.4	47				51.9
	LOW GRADE	3.1	4.7	2.0	2.7	25				5.6

DRILLHOLE NO.	DEPTH FROM-TO m	CORE LENGTH m	Pb + Zn%	Pb%	Zn%	Ag g/t	DRILLHOLE INCLIN	L m	W m	VOL m3X10 3
			GRADE							
A30	123.6-132.8	9.2	10.5	4.8	5.7	50	69	55	45	21.2
	132.8-134.3	1.5	4.6	2.1	2.5	43				3.5
	138.8-147.1	8.3	8.2	3.8	4.4	41				19.2
	TOTAL									
	HIGH GRADE	17.5	9.4	4.3	5.1	46				40.4
	LOW GRADE	1.5	4.6	2.1	2.5	43				3.5
A31	42.6- 48.7	6.1	6.9	3.2	3.7	45	67	55	47	14.6
	50.2- 51.8	1.6	4.0	1.9	2.1	34				3.8
	51.8- 59.4	7.6	7.3	3.1	4.2	55				18.0
	63.6- 70.8	7.2	4.6	1.9	2.7	24				17.1
	70.8- 73.8	3.0	8.9	3.2	5.7	60				7.1
	TOTAL									
	HIGH GRADE	16.7	7.4	3.1	4.3	43				39.7
	LOW GRADE	8.8	4.5	1.9	2.6	26				20.9
A32	--	--	--	--	--	--	--	--	--	--
A33	63.0- 65.2	2.2	13.2	5.8	7.4	65	62	60	55	6.4
	132.5-134.0	1.5	8.0	2.5	5.5	49	68		54	4.5
	127.6-134.0	6.4	4.9	1.6	3.3	32				19.2
	135.5-137.3	1.8	4.7	2.0	2.7	43				5.4
	TOTAL									
	HIGH GRADE	3.7	11.1	4.5	6.6	59				10.9
	LOW GRADE	8.2	4.9	1.7	3.2	34				24.6
A34	--	--	--	--	--	--	--	--	--	--
A35	70.9- 77.0	6.1	6.2	3.1	3.1	47	90	60	65	23.8
	123.6-128.2	4.6	6.5	2.5	4.0	41				17.9
	140.7-141.9	1.2	6.3	2.1	4.2	14				4.7
	141.9-143.1	1.2	4.4	2.0	2.4	11				4.7
	140.7-143.1	2.4	5.4	2.1	3.3	12	--	--	--	--
	TOTAL									
	HIGH GRADE	11.9	6.4	2.8	3.6	41				46.4
	LOW GRADE	1.2	4.4	2.0	2.4	11				4.7
A36	--	--	--	--	--	--	--	--	--	--

DRILLHOLE NO.	DEPTH FROM-TO m	CORE LENGTH m	GRADE Pb + Zn%	Pb%	Zn%	Ag g/t	DRILLHOLE INCLIN	L m	W m	VOL m3X10 3
A37	122.5-131.5	9.0	7.8	4.2	3.6	62	90	60	50	27.0
A38	--	--	--	--	--	--	60	--	--	--
A41	51.9- 54.2	2.3	5.9	2.1	3.8	44	60	40	40	3.2
A42	153.2-161.4	8.2	8.0	3.9	4.1	48	85	40	69	22.5
A44	145.5-147.8	2.3	7.6	3.7	3.9	38	75	40	55	4.9
	TOTAL		7.9	3.5	4.4	47				1352.5
	HIGH GRADE		8.7	3.9	4.8	51	--	--	--	1079.5
	LOW GRADE		4.5	1.8	2.7	28	--	--	--	273.0

TABLE 2

SWIM PIT
IN SITU RESERVES CALCULATION

SECTION NO.	AREA m2	VOLUME m3x10 3	Pb+Zn %	Pb %	Zn %	Ag g/t
106						
HIGH GRADE	600	36.0	8.5	3.7	4.8	62
LOW GRADE	480	28.8	4.1	2.1	2.0	33
108						
HIGH GRADE	582	32.0	6.7	2.1	4.6	31
	1029	56.6	6.8	1.9	4.9	39
	560	30.8	8.5	3.1	5.4	72
	75	4.1	8.4	2.9	5.5	24
	292	16.1	8.0	3.1	4.9	45
TOTAL HIGH GRADE		139.6	7.4	2.4	5.0	45
LOW GRADE	222	12.2	4.1	1.5	2.6	25
	210	11.5	4.7	1.9	2.8	33
	40	2.2	4.4	1.3	3.1	27
TOTAL LOW GRADE		25.9	4.4	1.7	2.7	29
110						
HIGH GRADE	594	35.6	10.5	4.8	5.7	50
	410	24.6	8.2	3.8	4.4	41
	120	7.2	6.9	3.2	3.7	45
	75	4.5	7.3	3.1	4.2	55
	100	6.0	8.9	3.2	5.7	60
TOTAL HIGH GRADE		77.9	9.1	4.1	5.5	48
LOW GRADE	200	12.0	4.6	1.9	2.7	24
	90	5.4	4.6	2.1	2.5	43
	100	6.0	4.0	1.9	2.1	34
TOTAL LOW GRADE		23.4	4.5	2.0	2.5	31
112						
HIGH GRADE	204	12.2	7.4	3.3	4.1	40
	130	7.8	6.8	2.8	4.0	45
	120	7.2	8.7	4.7	4.0	55
	150	9.0	6.0	3.1	2.9	30
	180	10.8	7.4	3.1	4.3	36
TOTAL HIGH GRADE		47.0	7.2	3.3	3.9	40
LOW GRADE	156	9.4	4.2	2.2	2.0	24

SECTION NO.	AREA m2	VOLUME m3x10 3	Pb+Zn %	Pb %	Zn %	Ag g/t
114						
HIGH GRADE	354	21.2	10.1	5.2	4.7	21
	864	51.8	7.9	3.7	4.2	49
TOTAL HIGH GRADE		73.0	8.5	4.1	4.4	41
LOW GRADE	260	15.6	4.9	2.1	2.8	38
	120	7.2	4.8	2.2	2.6	28
TOTAL LOW GRADE		22.8	4.8	2.1	2.7	35
116						
HIGH GRADE	1365	81.9	14.9	7.1	7.8	80
	185	11.1	13.5	6.4	7.1	55
	156	9.4	5.2	1.9	3.3	16
	612	36.7	10.9	6.9	4.0	60
	210	12.6	6.2	3.1	3.1	47
TOTAL HIGH GRADE		151.7	12.5	6.4	6.1	67
118						
HIGH GRADE	882	52.9	7.2	3.3	3.9	36
	475	28.5	7.6	3.0	4.6	47
	840	50.2	7.1	2.9	4.2	56
	525	31.5	6.2	1.0	5.2	51
	300	18.0	8.8	4.5	4.3	37
TOTAL HIGH GRADE		181.3	7.2	2.9	4.3	46
LOW GRADE	135	8.1	4.6	1.9	2.7	16
	275	16.5	4.7	2.1	2.6	44
	245	14.7	4.2	1.8	2.4	52
	273	16.4	4.1	2.1	2.0	18
TOTAL LOW GRADE		55.7	4.3	2.0	2.3	35
120						
HIGH GRADE	105	6.3	13.2	5.8	7.4	65
	150	9.0	6.0	2.9	3.1	12
	267	16.0	13.8	7.5	6.3	99
	45	2.7	7.6	4.6	3.0	51
	149	8.9	9.2	4.2	5.0	54
	33	2.0	7.1	1.5	5.6	72
TOTAL HIGH GRADE		44.9	10.6	5.2	5.4	64

SECTION NO.	AREA m2	VOLUME m3x10 3	Pb+Zn %	Pb %	Zn %	Ag g/t
122						
HIGH GRADE	75	4.5	6.4	3.1	3.3	56
	215	12.9	8.2	4.7	3.5	38
	140	8.4	9.0	3.6	5.4	58
TOTAL HIGH GRADE		25.8	8.2	4.1	4.1	48
LOW GRADE	75	4.5	4.7	2.0	2.7	25

TABLE 3

SWIM PIT

RESERVES SUMMARY

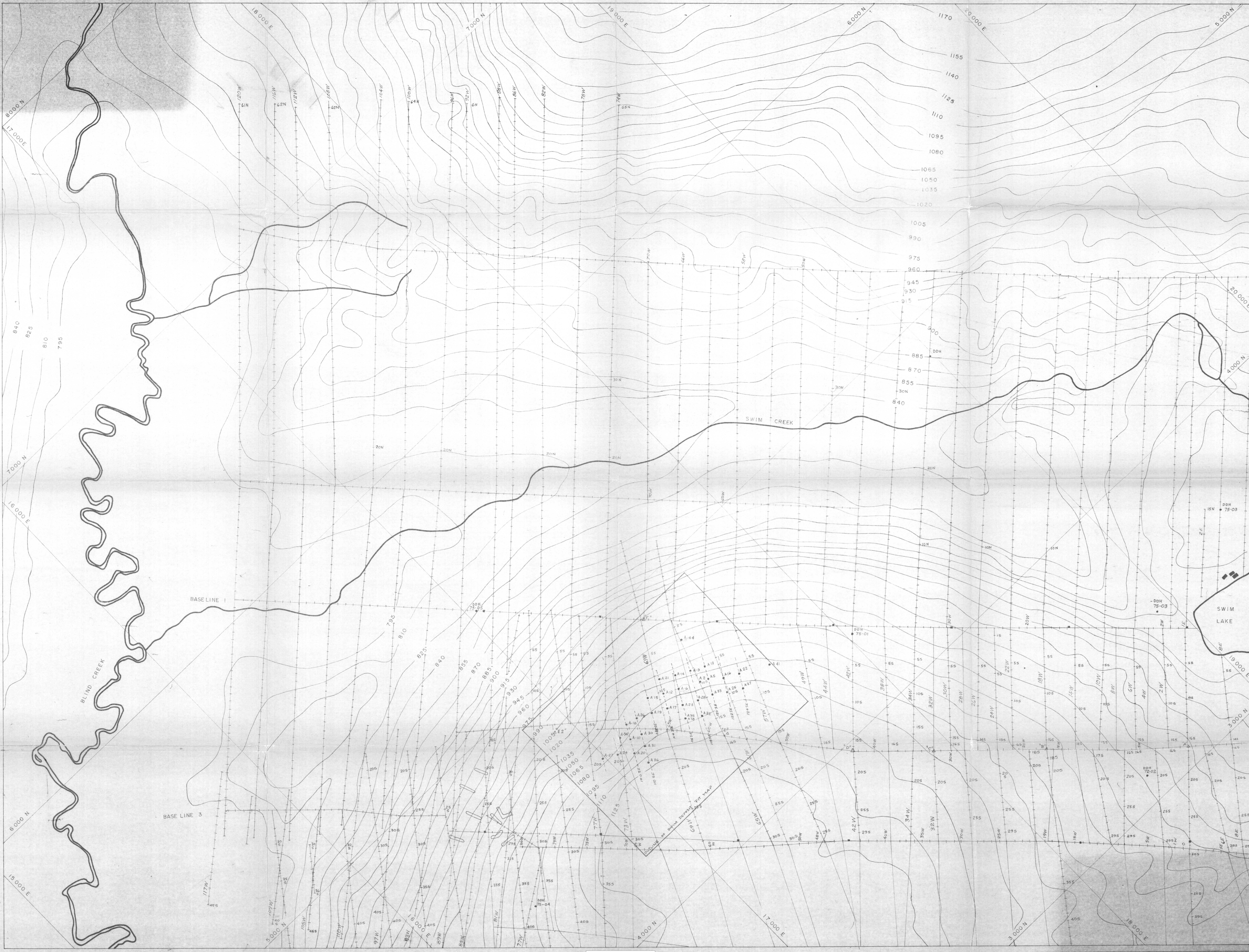
MARCH, 1988

SECTION	VOLUME m3x10	Pb+Zn(%)	Pb(%)	Zn(%)	Ag(%)
			HIGH GRADE		
106	36.0	8.5	3.7	4.8	62
108	139.6	7.4	2.4	5.0	45
110	77.9	9.1	4.1	5.0	48
112	41.0	7.2	3.3	3.9	40
114	73.0	8.5	4.1	4.4	41
116	151.7	12.5	6.4	6.1	67
118	181.3	7.2	2.9	4.3	46
120	44.9	10.6	5.2	5.4	64
122	25.8	8.2	4.1	4.1	48
TOTAL m3x103	771.2				
HIGH GRADE tx103	2970	8.9	4.0	4.9	51
			LOW GRADE		
106	28.8	4.1	2.1	2.0	33
108	25.9	4.4	1.7	2.7	29
110	23.4	4.5	2.0	2.5	31
112	9.4	4.2	2.2	2.0	24
114	22.8	4.8	2.1	2.7	35
116	--	--	--	--	--
118	55.7	4.3	2.0	2.3	35
120	--	--	--	--	--
122	4.5	4.7	2.0	2.7	25
TOTAL m3x103	170.5				
LOW GRADE tx103	610	4.4	2.0	2.4	32
TOTAL tx103 IN SITU	3580	8.2	3.7	4.5	48

TABLE 4

SWIM PIT
VOLUMES OF EXCAVATION BY 10 m BENCH HEIGHT

ELEVATION (m)	AREA (m2x10 3)	VOLUME (m3x10 3)
1110	29.6	70
1100	60.1	448
1090	89.6	748
1080	114.5	1020
1070	130.7	1226
1060	130.7	1306
1050	121.9	1263
1040	109.4	1157
1030	96.4	1029
1020	80.4	884
1010	64.6	725
1000	50.9	577
990	39.2	450
980	28.4	338
970	18.1	232
960	7.4	127
TOTAL		11,600



inches 0 1 2
centimetres 0 1 2 3 4 5

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YUKON GEOLOGICAL SURVEY

100 0 500
METERS

PRODUCED BY KERR ADDISON MINES LTD.

METRIC CONVERSION FROM 1977 COMPILATION BY TATS TAKEDA

SCALE - 1: 5000

J. Paxton

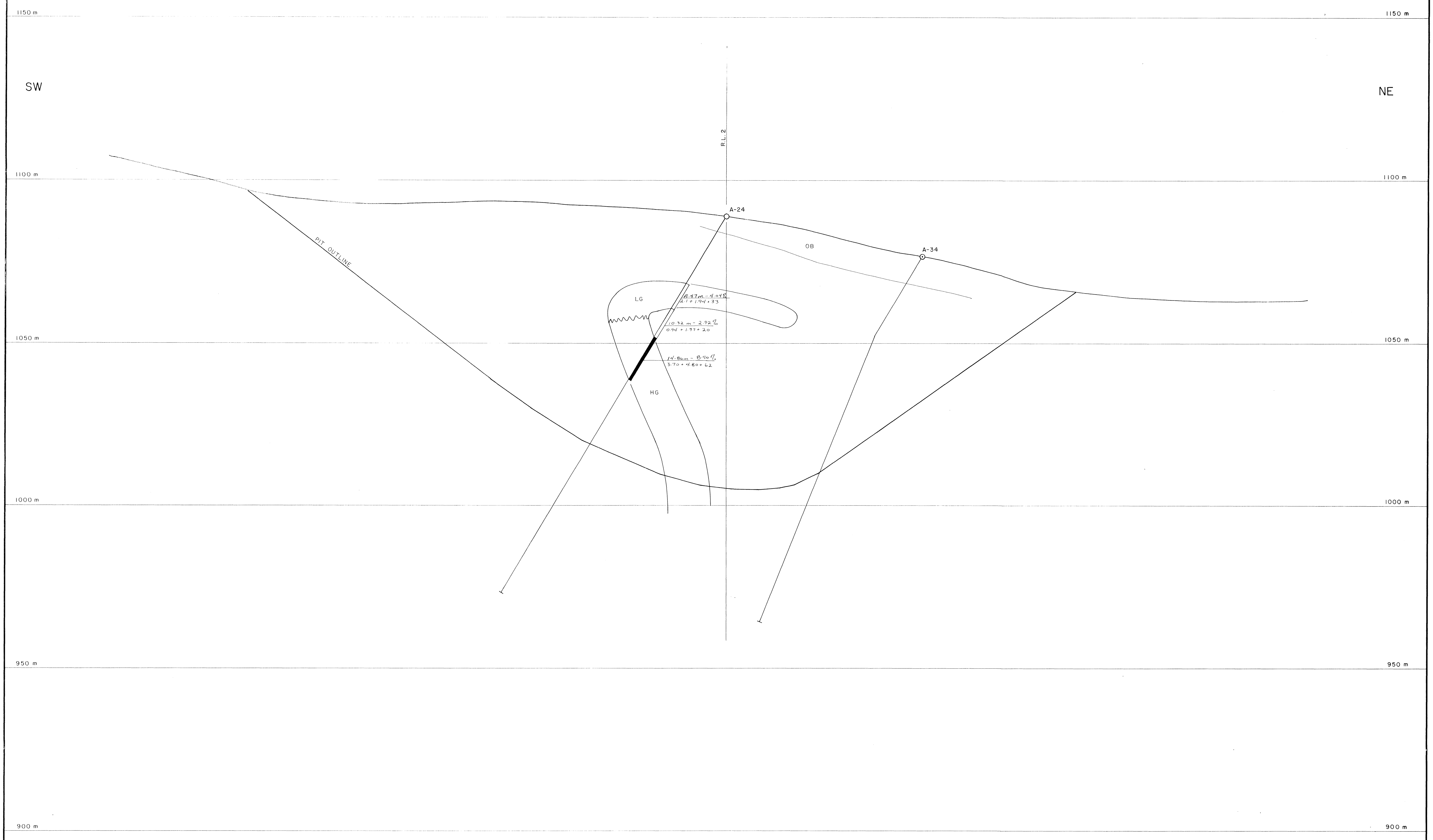
CURRAGH RESOURCES INC.
BLIND CREEK & SWIM LAKE DEPOSIT AREA

SWIM A CLAIM GROUP LINE GRID

Fig. 3


FARO OPEN PIT
ZONE I
ZONE III
ZONE II
waste dump
waste dump
waste dump
NORTH FORK ROCK DRAIN CAUSEWAY
CONCENTRATOR
VANGORDA HAUL ROAD
ROSE
CREEK
FRESH WATER RESERVOIR
TAILINGS PONDS
CROSS VALLEY DAM
INTERMEDIATE DAM
FIRTH Showing
GRUM NORTHWEST
UNDERGROUND AREA
GRUM PIT
CHAMP ZONE
VANGORDA PIT
DY Deposit
840 ft
STRUCTURE CONTOURS ON ORE ZONES
990 ft
"B2"
"A2"
SHEEP MTN.
VANGORDA
FARO TOWNSITE
BLIND
CREEK
ECHO LAKE
FINGER LAKE
SWIM PIT
SWIM LAKE
PELLY
RIVER
NOTE: GRUM, VANGORDA, and SWIM OPEN PITS DESIGNED BY ION VINTILA
CURRAGH RESOURCES INC.
FARO AREA
ORE DEPOSITS

Fig. 4



Curragh Resources Inc.

LEGEND

OB GLACIAL OVERBURDEN

HG HIGH GRADE ORE +5% Pb+Zn

LG LOW GRADE ORE -5% Pb+Zn

FAULT

LENGTH (m) - Pb+Zn (%)
Pb (%) + Zn (%) + Ag (g/t)

SWIM DEPOSIT

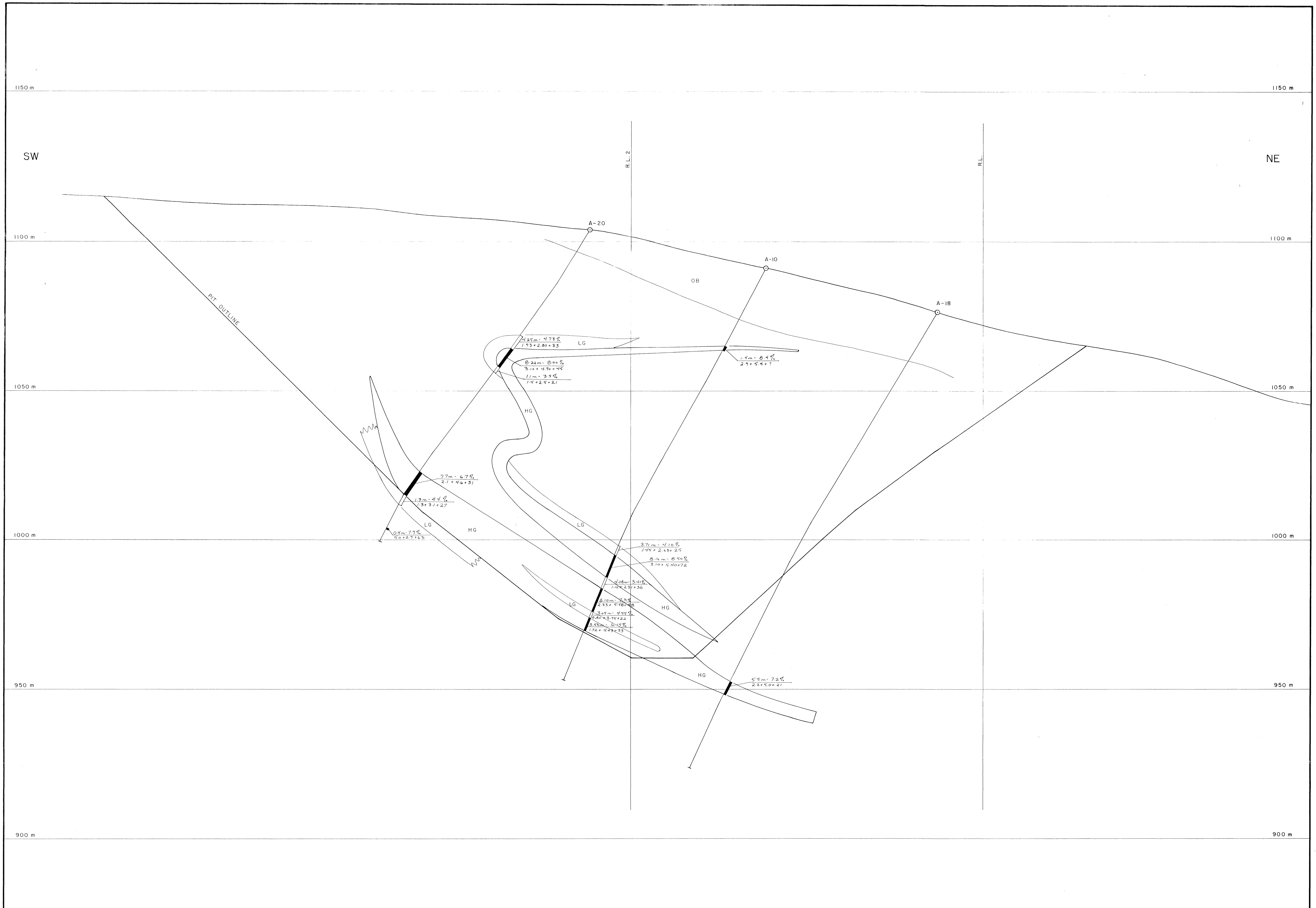
VERTICAL CROSS SECTION - 106 SE

SCALE 1:500

0 5 10 20 30 50 75 100 metres

Fig. 6

DESIGNED BY: I. VINTILA MARCH, 1988



Curragh Resources Inc.

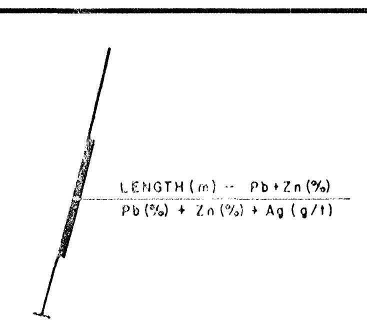
LEGEND

OB GLACIAL OVERBURDEN

HG HIGH GRADE ORE +5% Pb+Zn

LG LOW GRADE ORE 4-5% Pb+Zn

FAULT



SWIM DEPOSIT

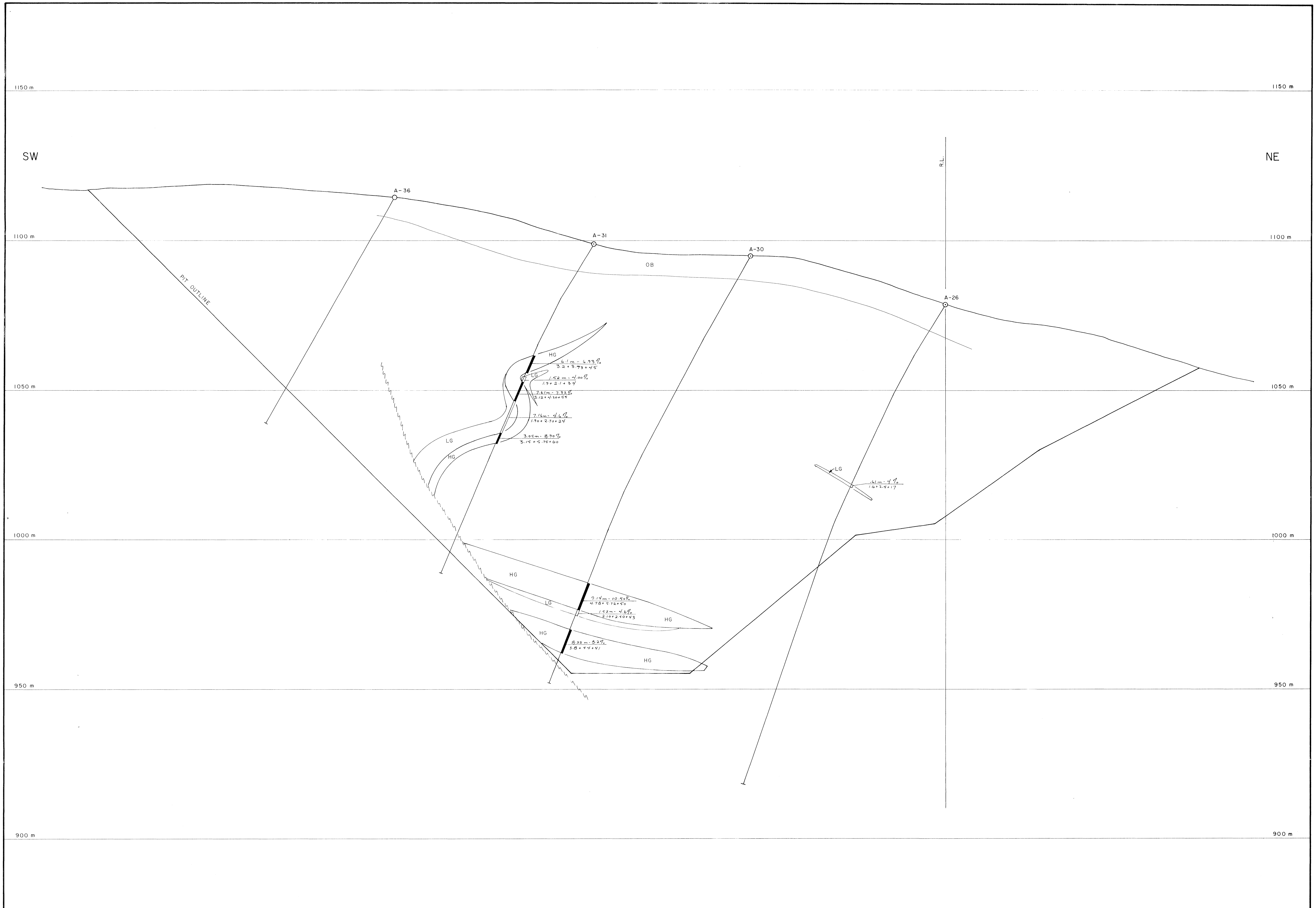
VERTICAL CROSS SECTION - 108 SE

SCALE 1:500

0 5 10 20 30 50 75 100 metres

Fig. 7

DESIGNED BY: I. VINTILA MARCH, 1988



Curragh Resources Inc.

LEGEND

OB GLACIAL OVERBURDEN

HG HIGH GRADE ORE +5% Pb+Zn

LG LOW GRADE ORE 4-5% Pb+Zn

FAULT

LENGTH (m) – Pb+Zn (%)
Pb (%) + Zn (%) + Ag (g/t)

SWIM DEPOSIT

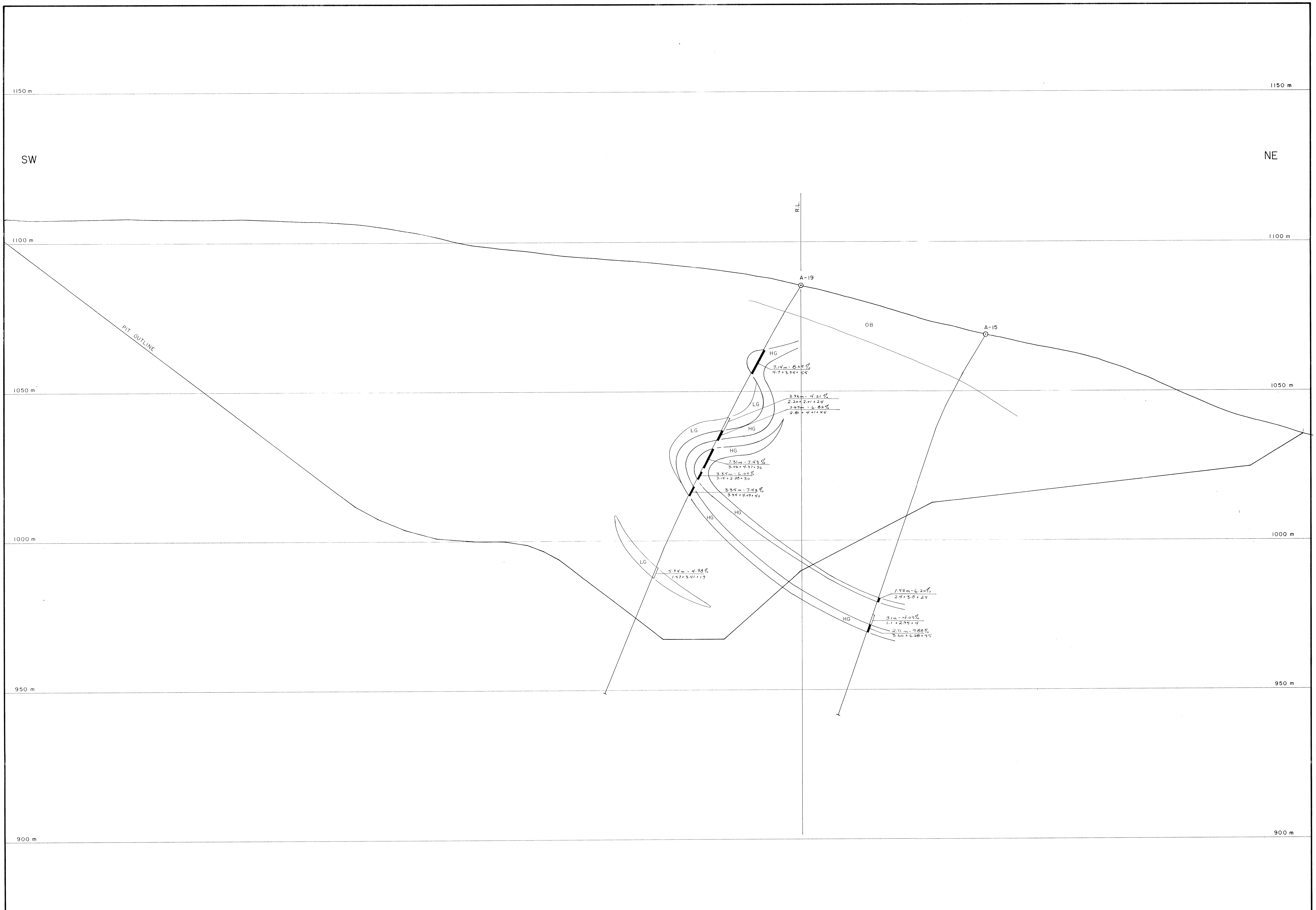
VERTICAL CROSS SECTION - 110 SE

SCALE 1:500

0 5 10 20 30 50 75 100 metres

Fig. 8

DESIGNED BY: I. VINTILA MARCH, 1988



Curragh Resources Inc.

LEGEND

OB GLACIAL OVERBURDEN

HG HIGH GRADE ORE +5% Pb+Zn

LG LOW GRADE ORE 4-5 Pb+Zn

FAULT

SWIM DEPOSIT

VERTICAL CROSS SECTION - 112 SE

SCALE 1:500

0 5 10 20 30 50 75 100 metres

Fig. 9

DESIGNED BY: I. VINTILA MARCH, 1988

Northern
Analytical
Laboratories ltd.

October 3,1990

Work Order # 08375

Curragh Resources Inc.
P.O. Box 1000
Faro, Yukon
Y0B 1K0

MPR # 21088

001483

These assays dated October 3,1990 are corrections for an error spotted on the original assay certificates.

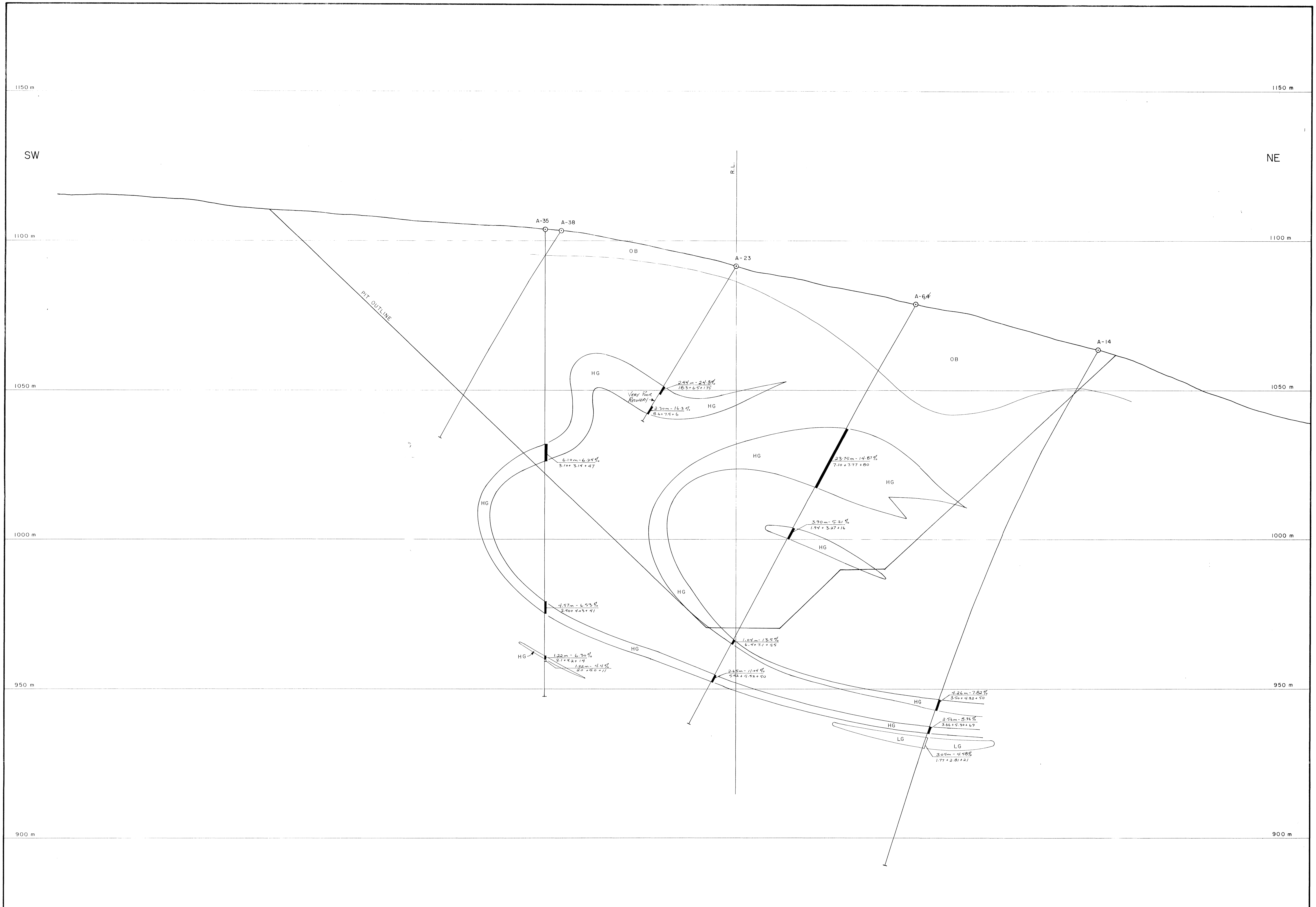
g/t Ag has been inserted in place of g/t Au.

We apologize for any inconvenience this may have caused you.

Sincerely

Gerald Hayes A.Sc.T.
President

105 Copper Road, Whitehorse, YT, Y1A 2Z7 Ph: [403] 668-4968 Fax: [403] 668-4890



Curragh Resources Inc.

LEGEND

OB GLACIAL OVERBURDEN

HG HIGH GRADE ORE +5% Pb+Zn

LG LOW GRADE ORE 4-5% Pb+Zn

FAULT

LENGTH (m) – Pb+Zn (%)
Pb (%) + Zn (%) + Ag (g/t)

SWIM DEPOSIT

VERTICAL CROSS SECTION - 116 SE

SCALE 1:500

0 5 10 20 30 50 75 100 metres

inches 0 1 2
0 1 2 3 4 5 centimetres

YUKON GEOLOGICAL SURVEY

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Fig. 11

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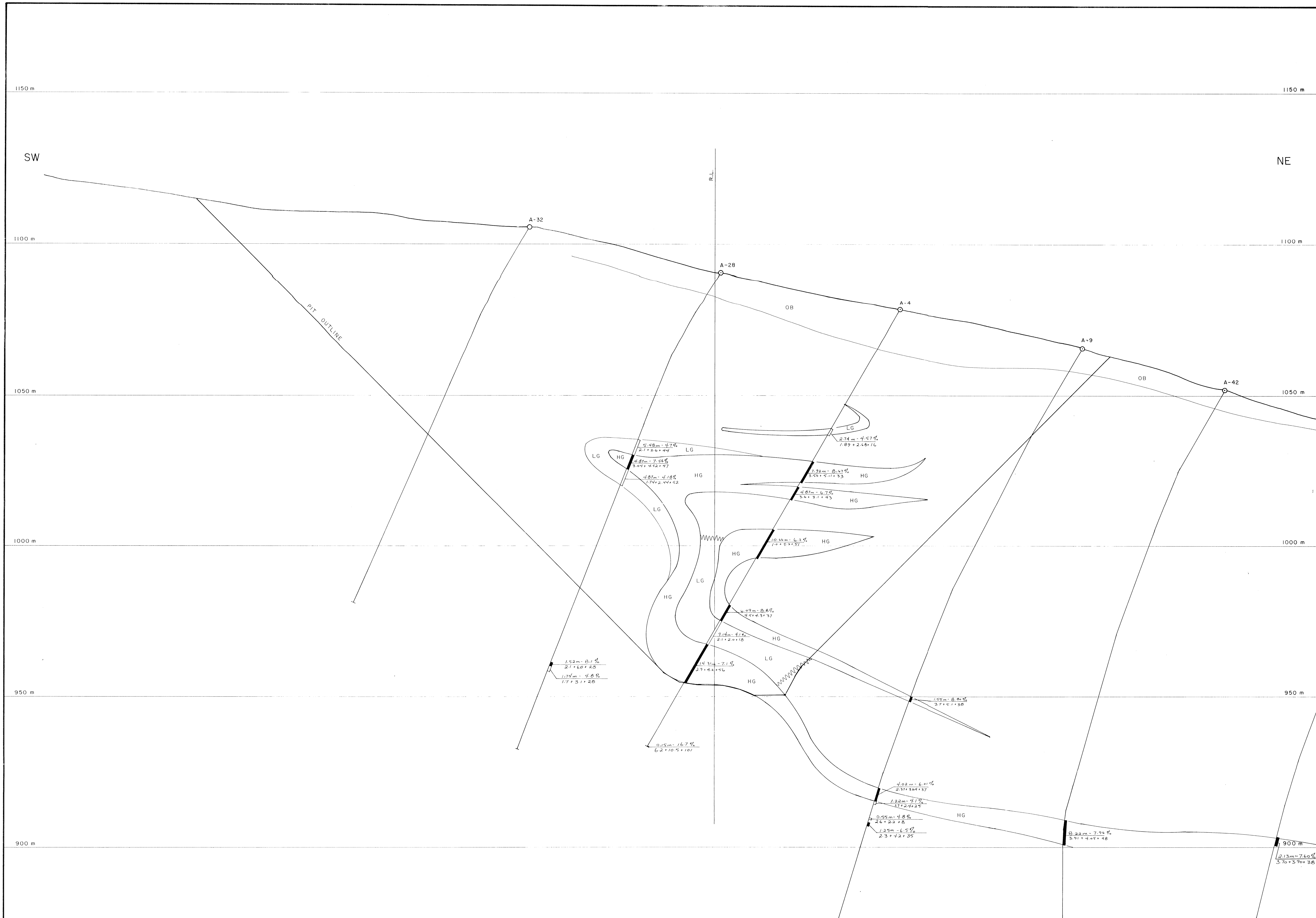


Curragh Resources Inc.

LEGEND

OB GLACIAL OVERBURDEN
HG HIGH GRADE ORE 5% Pb+Zn
LG LOW GRADE ORE 4-5% Pb+Zn
FAULT

LENGTH (m) - Pb+Zn (%)
Pb (%) + Zn (%) + Ag (g/t)

SWIM DEPOSIT

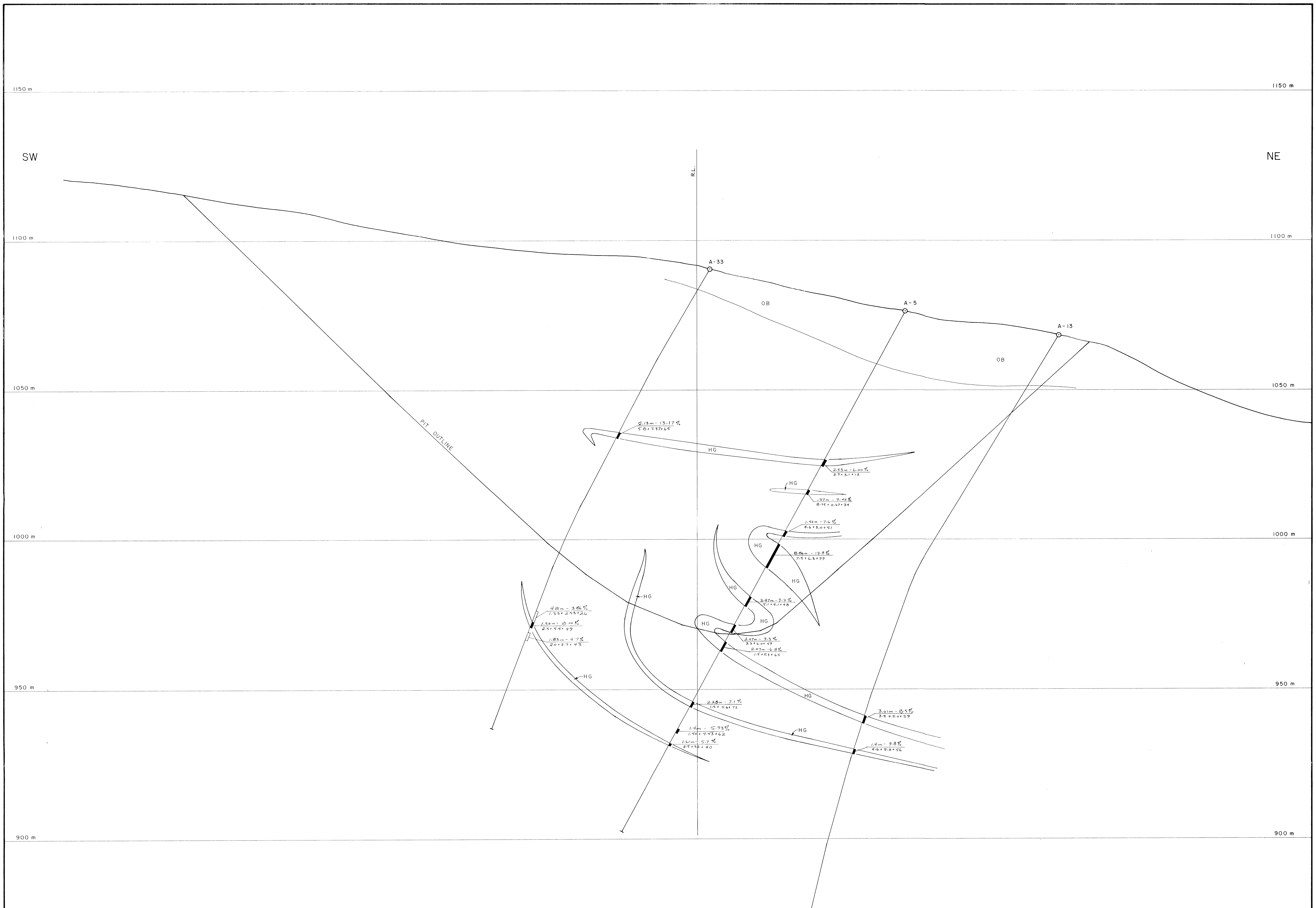
VERTICAL CROSS SECTION - 118 SE

SCALE 1:500

0 5 10 20 30 50 75 100 metres

Fig. 12

DESIGNED BY: I. VINTILA   MARCH, 1988



Curragh Resources Inc.

LEGEND

OB GLACIAL OVERBURDEN

HG HIGH GRADE ORE +5% Pb+Zn

LG LOW GRADE ORE 4-5% Pb+Zn

FAULT

LENGTH (m) - Pb+Zn (%)
Pb (%) + Zn (%) + Ag (g/t)

SWIM DEPOSIT

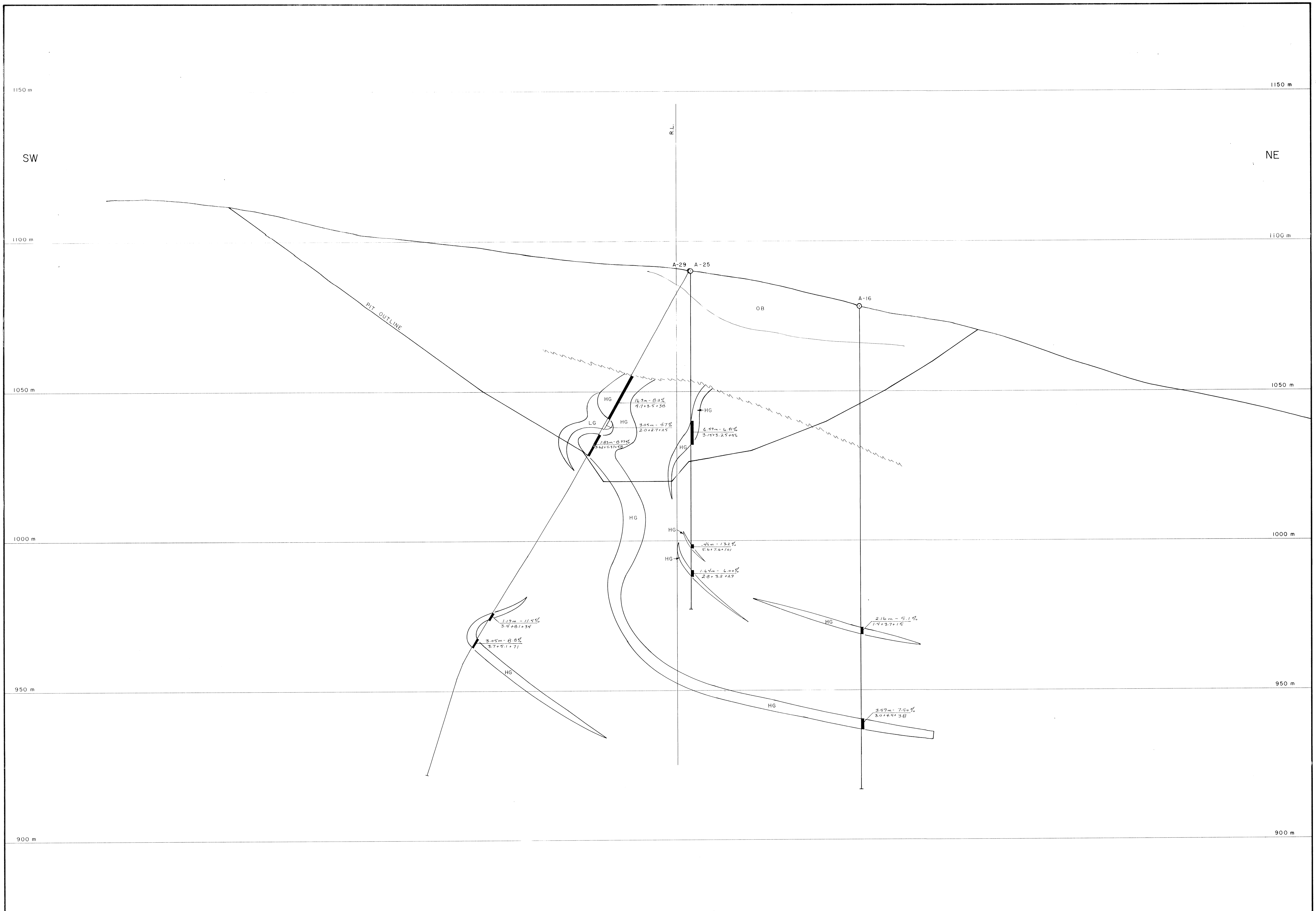
VERTICAL CROSS SECTION - 120 SE

SCALE 1:500

0 5 10 20 30 50 75 100 metres

Fig. 13

DESIGNED BY: I. VINTILA MARCH, 1988



Curragh Resources Inc.

LEGEND

OB GLACIAL OVERBURDEN

HG HIGH GRADE ORE +5% Pb+Zn

LG LOW GRADE ORE 4-5% Pb+Zn

FAULT

LENGTH (m) - Pb+Zn (%)
Pb (%) + Zn (%) + Ag (g/t)

SWIM DEPOSIT

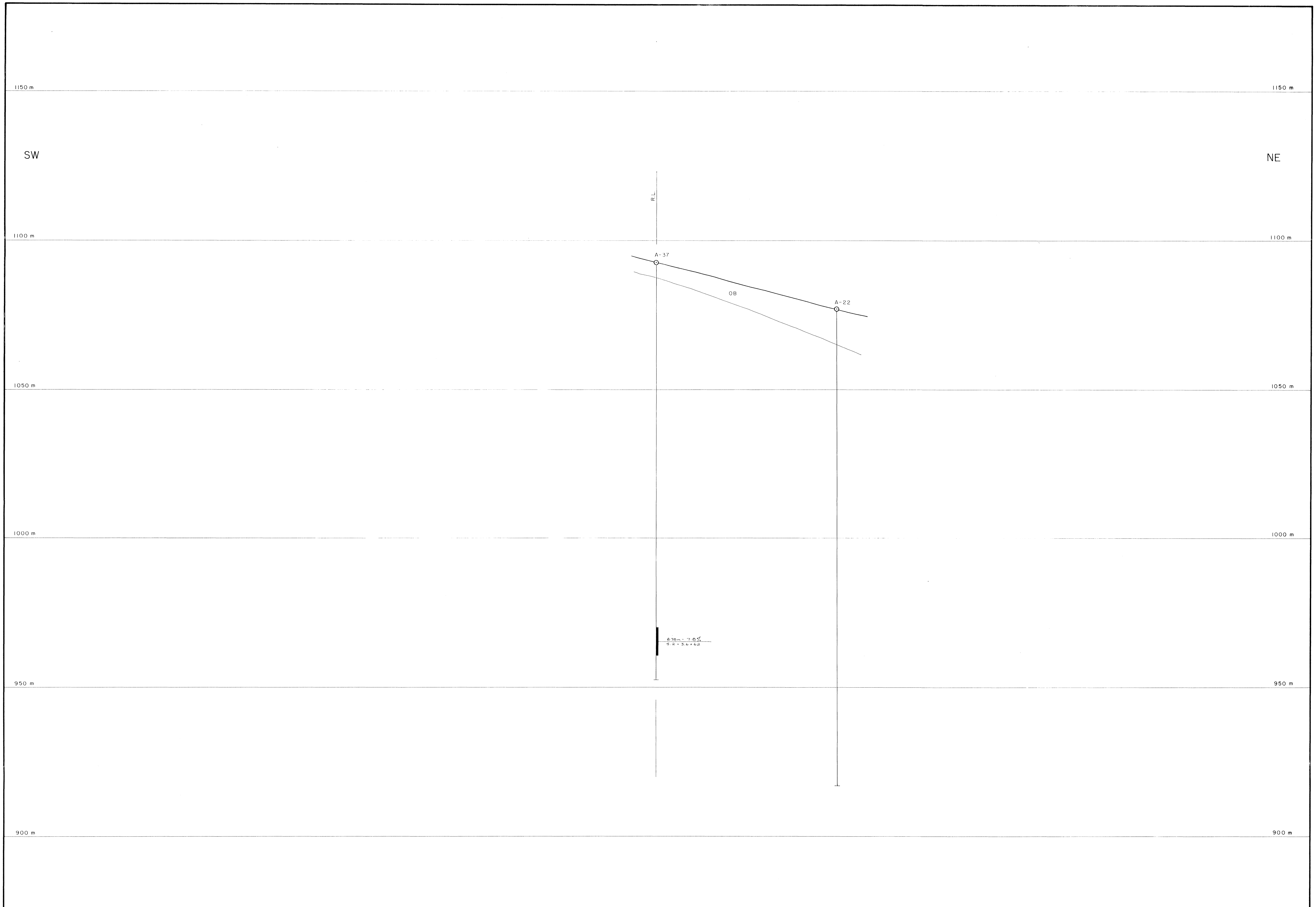
VERTICAL CROSS SECTION - 122 SE

SCALE 1:500

0 5 10 20 30 50 75 100 metres

Fig. 14

DESIGNED BY: I. VINTILA MARCH, 1988



Curragh Resources Inc.

LEGEND

OB GLACIAL OVERBURDEN

HG HIGH GRADE ORE +5% Pb+Zn

LG LOW GRADE ORE 4-5% Pb+Zn

FAULT

LENGTH (m) - Pb+Zn (%)
Pb (%) + Zn (%) + Ag (g/t)

SWIM DEPOSIT

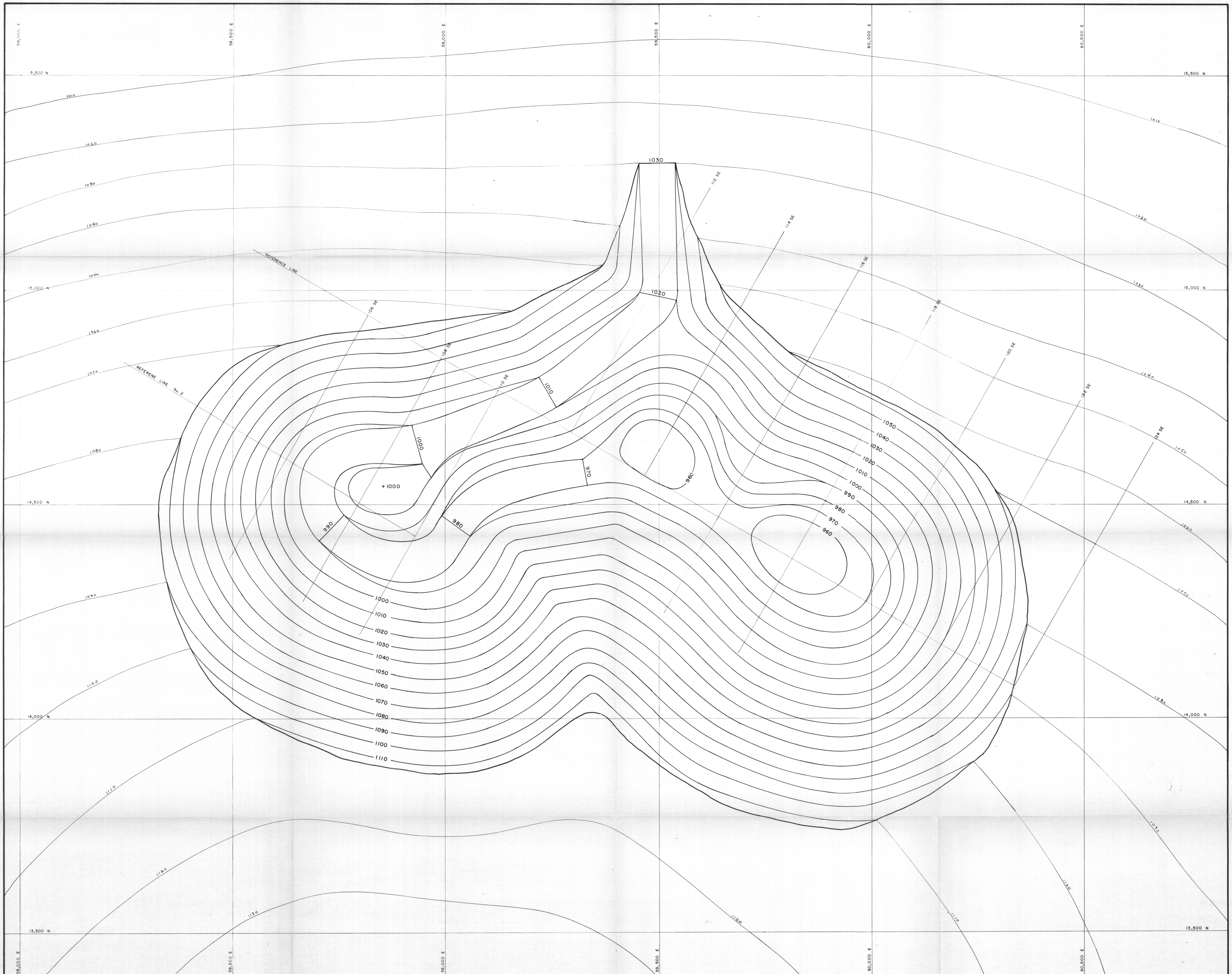
VERTICAL CROSS SECTION - 124 SE

SCALE 1:500

0 5 10 20 30 50 75 100 metres

Fig. 15

DESIGNED BY: I. VINTILA MARCH, 1988



Curragh Resources Inc.

SWIM DEPOSIT

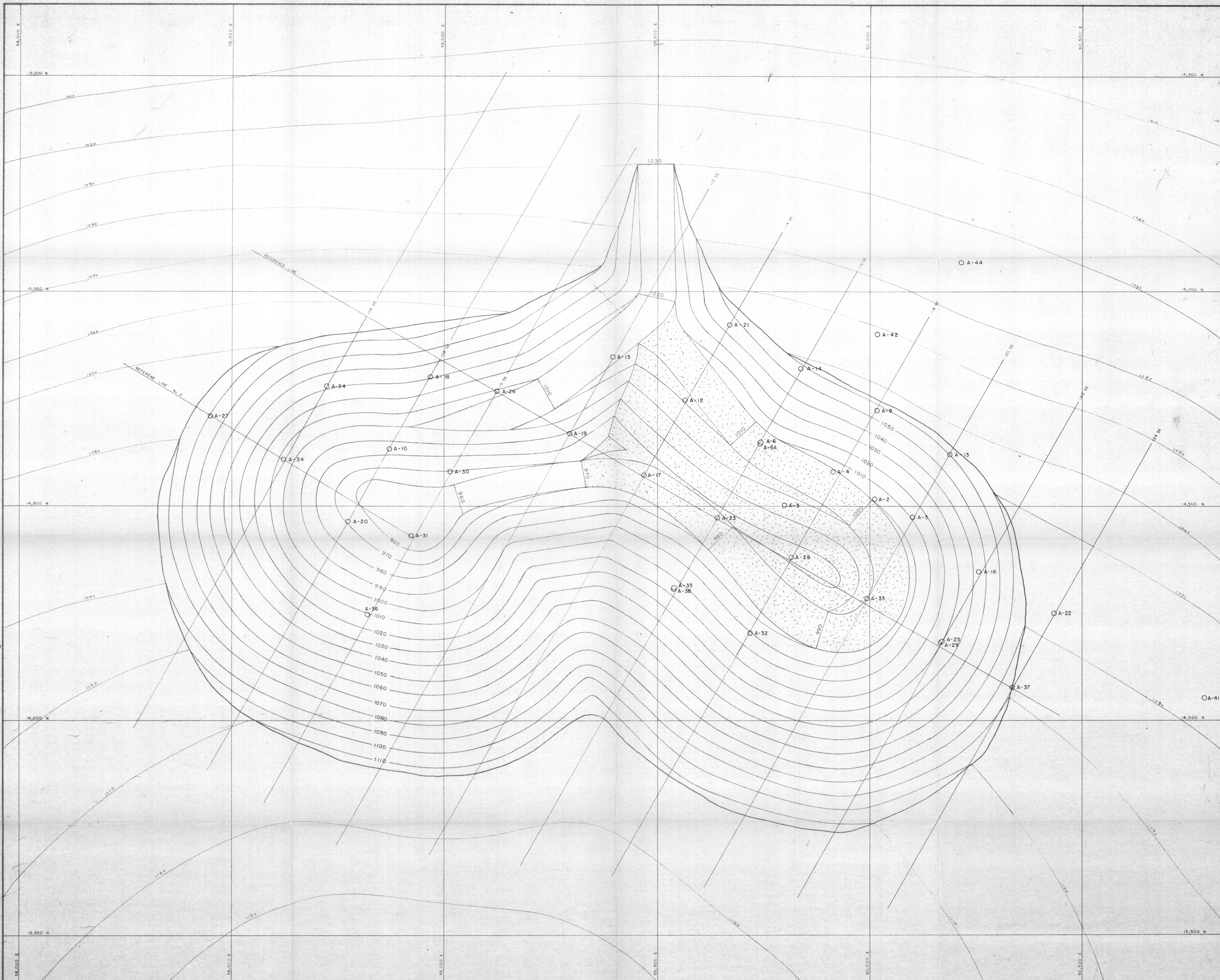
SCALE 1:1000

0 10 25 50 100 200 metres

SWIM PIT – STAGE 1

Fig. 16

DESIGNED BY:	DRAWN BY:	DATE:
I. VINTILA	TP	88·03·10



Curragh Resources Inc.

- BACKFILLING

SWIM DEPOSIT

SCALE 1:1000

0 10 25 50 100 200 metres

SWIM PIT - STAGE 2

Fig. 17

DESIGNED BY:	DRAWN BY:	DATE:
I. VINTILA	TP	88-03-10