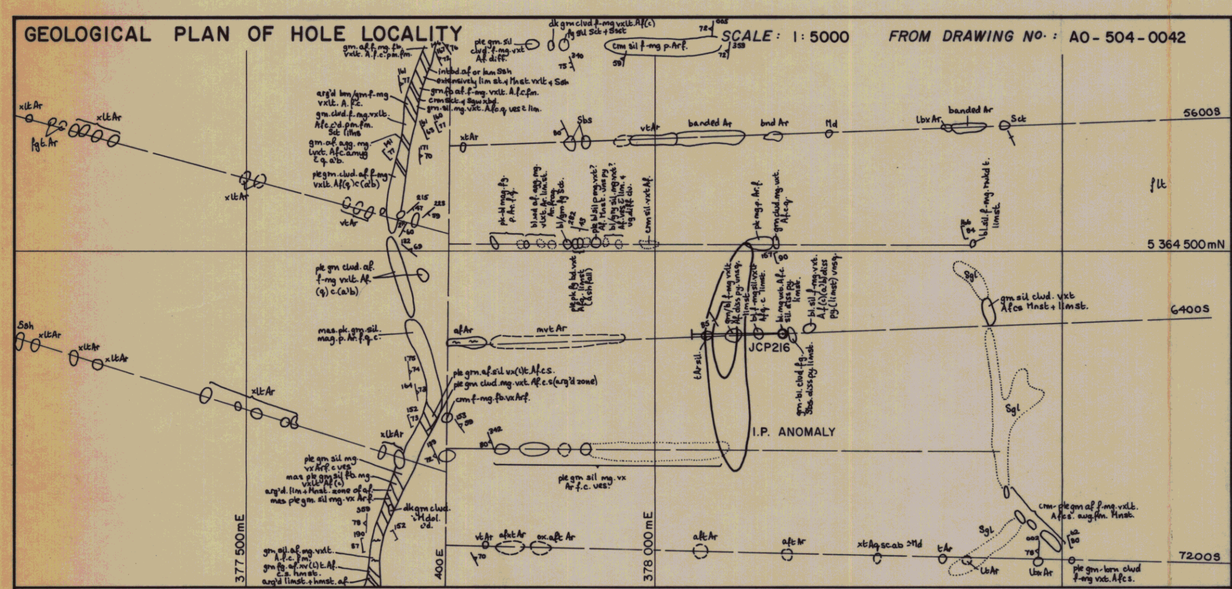
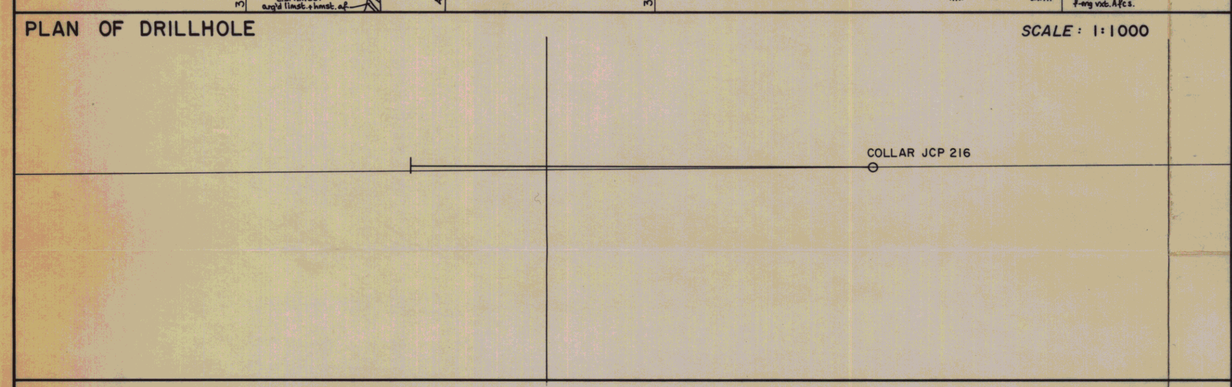
GEOLOGICAL PLAN OF HOLE LOCALITY

SCALE: 1:5000 FROM DRAWING NO.: A0-504-0042



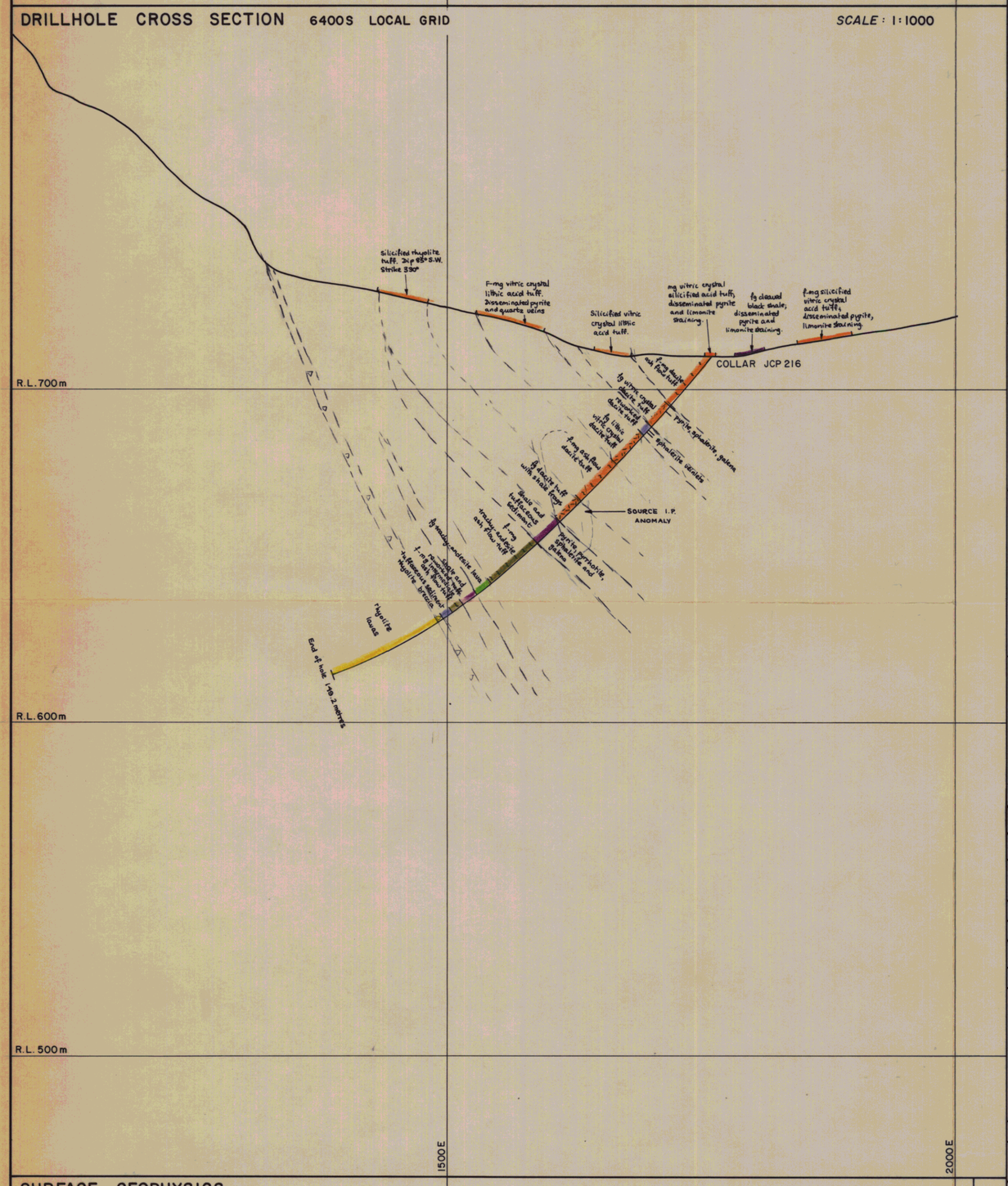
PLAN OF DRILLHOLE

SCALE: 1:1000

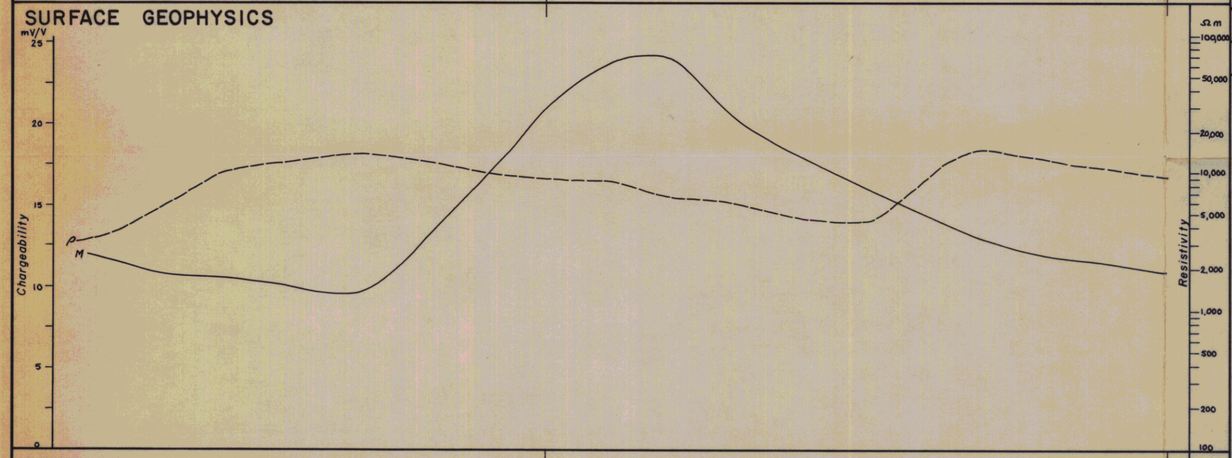


DRILLHOLE CROSS SECTION 6400S LOCAL GRID

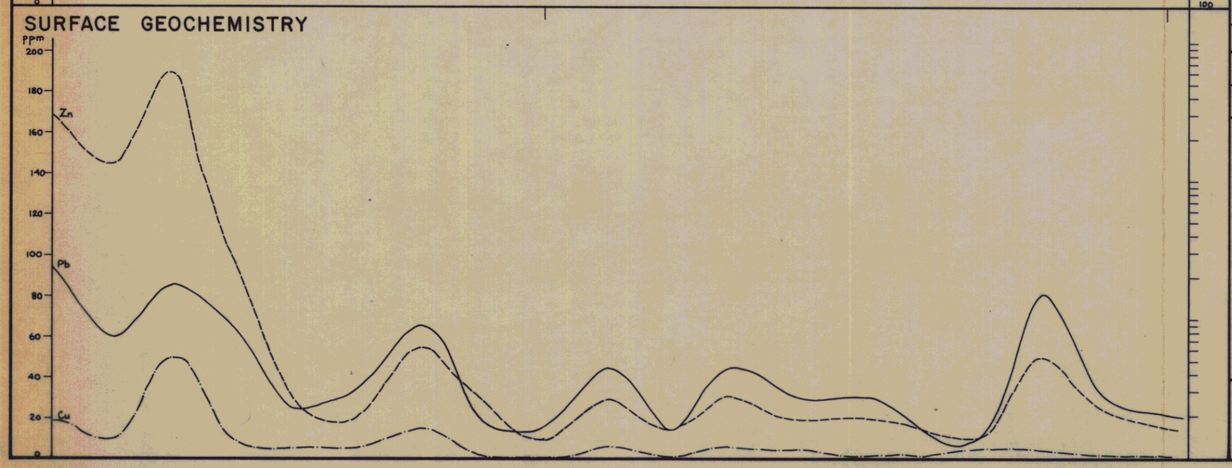
SCALE: 1:1000



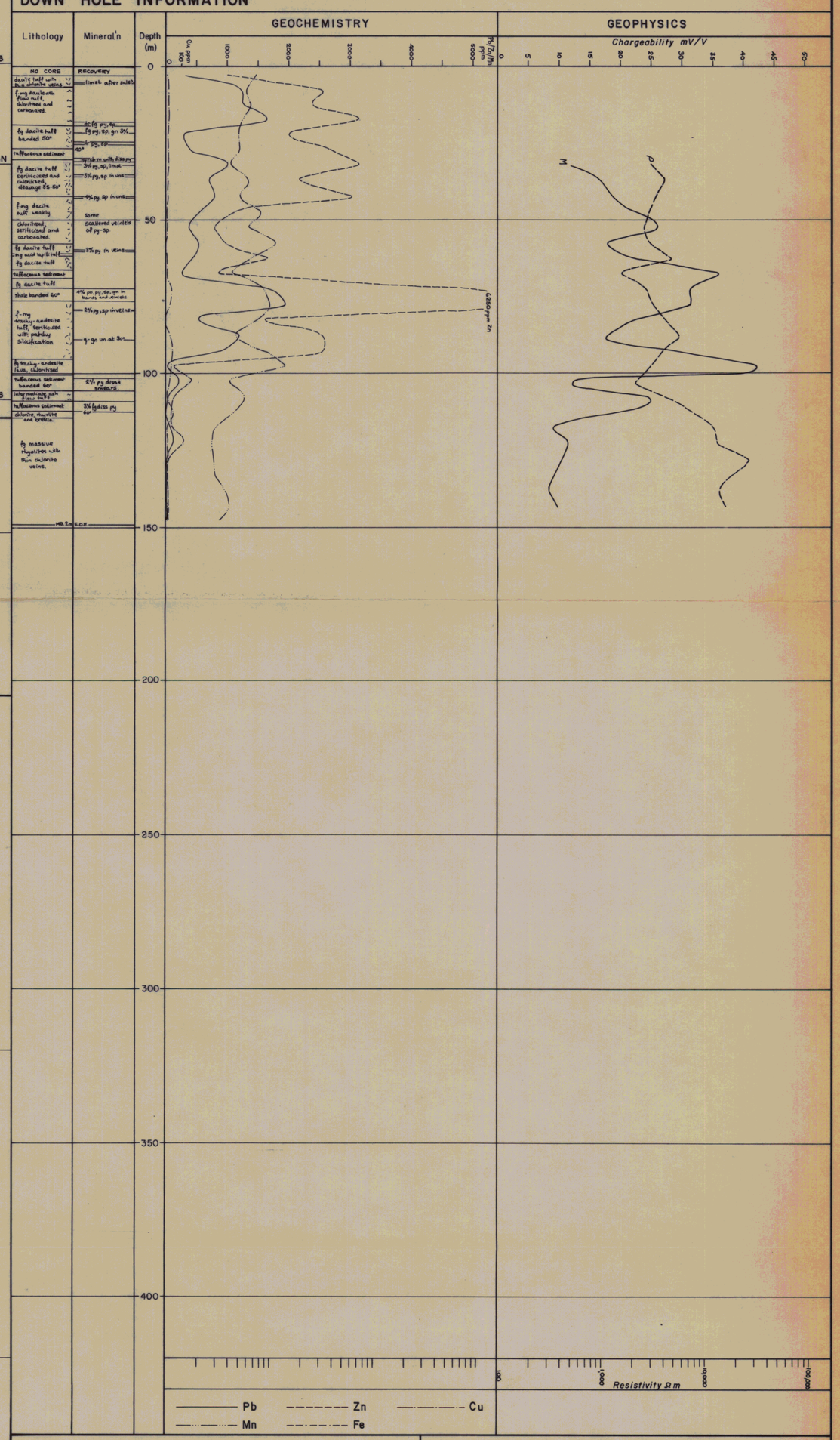
SURFACE GEOPHYSICS



SURFACE GEOCHEMISTRY



DOWN HOLE INFORMATION



SUMMARY OF COMPLETED HOLE

CO-ORDINATES	NORTHING	EASTING	R.L.
LOCAL GRID A.M.G. TO BE SURVEYED	6400S	1760E	710m

AZIMUTH: 270° DIP: -50° TOTAL DEPTH: 149.2m

COMMENCEMENT DATE: 6.3.80 COMPLETION DATE: 11.3.80

INTERNAL SURVEY INFORMATION

DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP
0.0m	270°	-50°			
50.0	no azimuth information: acid tube survey only	-46.5°			
107.0		-37°			
149.0		-23°			

HOLE SIZE	FROM	TO	HOLE SIZE	FROM	TO
HQ	0.0m	6.0m			
NQ	6.0	24.0			
BQ	24.0	149.2m			

DRILLED GEOLOGY (SUMMARISED)

DEPTH	LITHOLOGY	MINERALISATION AND SIGNIFICANT ASSAYS
0 – 19.6m	F-mg possible ash flow dacite tuffs.	
19.6 – 27.1m	Fg vitric crystal dacite tuff.	19.6 – 21.8m scattered fg py-sp-gn in veinlets and smears on joint surfaces.
27.1 – 30.5m	Fg dacite tuffs containing some reworked bands.	28.9 – 29.3m 2-3% diss sp in veinlets.
30.5 – 42.6m	Fg lithic vitric crystal dacite tuff	Scattered patches of remob py-sp, total <2%
42.6 – 57.9m	F-mg possible ash flow dacite tuff.	
57.9 – 66.6m	Mainly fg dacite tuff with grey shale fragments near the basal contact.	
66.6 – 76.8m	Interbedded grey shales, dacite tuffs and reworked tuffs.	3-4% fg py-po-sp-gn in bedded thin bands and veinlets.
76.8 – 95.4m	F-mg possible ash flow intermediate tuffs with bands of silicification.	89.2 25mm quartz-galena vein.
95.4 – 100.9	Fg weakly porphyritic intermediate lava.	
100.9 – 105.9	Interbedded grey shales and reworked tuffs.	Fg diss py-sp and py smears on joint surfaces; total ~3%.
105.9 – 109.1	F-mg possible ash flow intermediate tuff.	
109.1 – 112.7	Fg volcanogenic shale with slump bands of tuff.	2-3% fg diss py.
112.7 – 114.3	Coarse rhyolite breccia.	
114.3 – 149.2	Fg pink rhyolite lavas.	

LOGGED BY: I. McD. DATE: 14.4.80

SAMPLE DATA

SAMPLED INTERVAL	SAMPLE NUMBERS	SAMPLE TYPE	ELEMENTS DETERMINED	LAB. METHOD
5.0m	29741 - 29770	CHIP	Pb, Zn, Cu, Ag, Fe, Mn	A.A.S.
at 24.0m	29736		THIN SECTION	
50.2m	29737		"	
73.6m	29738		"	
98.2m	29739		"	
105.0m	29740		"	

NOTES:

SPECIFICATIONS OF PROPOSED HOLE

CO-ORDINATES	NORTHING	EASTING	R.L.
LOCAL GRID Dallwitz A.M.G.	6400S	1760E	710m

AZIMUTH: 270° DIP: -50° DESIGNED DEPTH: 150.0m

ESTIMATED COMMENCEMENT: March 1980

ANTICIPATED GEOLOGY

DEPTH	LITHOLOGY	NATURE OF TARGET AND ANTICIPATED DEPTH
0-150m	Acid tuffs and lavas of the Mt. Read Volcanic suite.	Disseminated sulphides or granite between 65m and 110m.

DESIGNED BY: I. McD. DATE:

AIM OF HOLE:

To test an E.I.P. chargeability anomaly with peak values on line 6400S at 1590E Dallwitz Grid.

NOTES:

The surface chargeability anomaly was resolved into two down hole peaks centred over shales and subaqueous tuffs containing weak bedded py-sp mineralisation at approximately 65m and 100m. The hole intersected a favourable environment for Rosebery style mineralisation without encountering any ore grade values.

5 cm

ELECTROLYTIC ZINC CO. OF A'ASIA LTD.

PROJECT: MT. BLACK E.L. 1/62 TAS.

SPECIFICATIONS AND SUMMARY OF RESULTS

EXPLORATION DIAMOND DRILL HOLE No. JCP216

058893

SCALE: As shown	Survey: I.McD.	Revised: 6.5.80
Reference:	Date: 14.3.80	REF. No.
Drawn: R.P.T.	Checked:	A1-504-0103

80-14468

Vol. 8