NORTHERN TERRITORY GEOLOGICAL SURVEY

TECHNICAL REPORT

GS 80/2

DENNY WOLFRAM PROSPECT
(Alcoota 1:250 000 Sheet Area, SF53-10)

by

M. C. FREEMAN
&
S. WYCHE

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Department of Mines and Energy

GS80/2

REPORT GS 80/2

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CONTENTS

1 INTRODUCTION

Alluvial Wolframite was first located at Delny, approximately 160 km northeast of Alice Springs, in the 1920's or 1930's (fig. 1). Minor gouging only was conducted.

In 1978 the N.T. Geological Survey investigated the occurrence with auger sampling, ground magnetometer surveying and two 35 m long drill holes. This report describes the work done and its results. The initial field work was not carried out by the authors whose involvement with the project commenced with logging the core.

2 HISTORY OF PRODUCTION

Wolframite was reported at the site by the Aerial Geological and Geophysical Survey of Northern Australia in 1940 (A.G.G.S.N.A.). It was noted that a 'few bags' of wolframite were collected from very shallow workings. The mineralization occurred near the junction of granite and the intruded gneiss.

Two years later Sullivan (1942) noted the occurrence but stated that it was'not of economic importance'.

Jensen in 1942 and 1943 twice visited the site and submitted brief reports. Both noted that little work was done other than shallow trenching in alluvium and that there was little encouragement for large finds (Jensen, 1943 and 1944).

The occurrence is elongate east-west over approximately one kilometre. Mineral leases and claims have been pegged over different parts at different times. Their names have included Delny, Delmore Downs, Woorain, Wolfram Workings, Woolarun and Wolfram Flats.

Official production figures for the period 1951 to 1953 report a total of 2016 kg of wolframite.

Mining Reserve No 600 was gazetted under Section 147A of the Mining Act on 20 January, 1978. It covered an area of 154 square kilometres around the Delny Wolframe site to reserve the area while the investigations now reported were proceeding.

3. WORK DONE

A brief visit was made to the site in December, 1977 by M. Willick and J. Hereen (Willick, 1977).

At the beginning of 1978 a grid was pegged covering the known possible extent of the bearing unit. The grid has an east-west base line and the grid origin is located where it intersects the Delny - Mt Swan boundary fence. Star droppers are located at 100 m intervals along the base line and wooden pegs at all intermediate 20 m positions. Side lines were extended 90 m north and south of the star droppers and pegged at 30 m intervals.

A total of 209 auger holes were drilled, generally to a depth of 1 metre (see appendix 5), during February and March of 1978. Holes were drilled at all the stations on the grid. No logs of holes or descriptions of the material retrieved are extant. Samples from each hole were sent to the Department of Transport and Works laboratory at East Point in Darwin where they were analysed for tungsten, tin, tantalum and molybdenum. The results of these analyses, tabulated in Appendix 5, show no significant concentrations of any of these elements in any of the samples tested.

It is reported in the March 1978 monthly report of the Alice Springs Resident Geologist that the area was mapped. However, no details of the mapping can now be located in the Alice Springs office.

Two diamond-drill holes were completed at the site in April 1978 (see Fig 1). Details of the holes are given below

Drill Hole Number	1	2
Coordinates (local grid)	1120mE, 114mS	140mW, 30mN
Azimuth	180° mag	180° mag
Declination	45°	45°
Total Depth	35.0m	35.4m
Depth non-coring	35.0m	22.7m
Drilling period	April 1978	April 1978
Rig	Longyear 38	Longyear 38

In January 1980 Geologist M.J. Freeman compiled a draft report on the Delny Wolfram Prospect including a photo-interpretative map.

In December 1980 Geologist S. Wyche visited the area, located the original grid and the two diamond-drill holes and carried out of brief check on the photomap.

4. GEOLOGY

The wolframite at the Delny Prospect occurs within a raft of Arunta Block metamorphics within the Mt Swan Granite pluton.

The Mt Swan Granite pluton is approximately 18 x 23 km. The granite is a coarse-grained hornblende-biotite variety consisting of K feldspar, quartz, plagioclase and biotite with minor chlorite, hornblende and magnetite and accessary apatite, zircon and epidote. K-Ar dating of the granite has indicated an age of 1460 m.g. (Hurley and others, 1961).

Wolframite occurs in a raft of metasediments, approximately 2x 0.5 km, composed of sillimanite - quartz - biotite gneiss. Samples of fluorite and scheelite have been obtained from the workings in the gneiss. The wolframite was obtained from eluvium derived from the gneiss and from pegmatite viens cutting the gneiss (Shaw and others, 1975).

Fig 1.

DELNY WOLFRAM PROSPECT

To Delmore
Downs H.S. 7·5 km

Qa

Qa / Pgs

q

Pgs

00N,00E

DDH2

DDH1

pε

REFERENCE

Watercourse

Fence

Geological boundary

Diamond Drillhole

Photolineament

Quartz dyke

22° 30'23", 134°53'04"

QUATERNARY

Qa — Alluvium, eluvium, colluvium, soil, scree.

Qa / Pgs — Alluvium on Mt Swan Granite.

PRECAMBRIAN (PROTEROZOIC)

q — Quartz vein

Pgs — Mt Swan Granite (Gneissic biotite granite)

pε — Gneiss, minor schist

N

PHOTO SCALE 1:46000

km 0·5 0 1 2 3 4 5 km

Darwin

NORTHERN TERRITORY

Prospect Location

Alice Springs

AS 81 G04 D

N.T. DEPT OF MINES & ENERGY. GEOLOGICAL SURVEY.

5. DRILLING AND INVESTIGATION

Two inclined diamond-drill holes were completed at the site in April, 1978. Drill hole 1 was rotary drilled to 35.0 m and drill hole 2 was rotary drilled 0-22.0 m and then cored to 35.5 m. Samples were retained from the non-core drilling for each metre interval. Before logging they were reduced to approximately 80 g in mass, hence these samples cannotbe regarded as representative.

In January and March 1979 the core and cuttings were logged using a binocular microscope. Several samples were submitted for analysis for tungsten and base metals.

Several samples were noted to contain fine grains of a black opaque mineral. Positive identification was not made but it was thought to possibly be tourmaline. However, 15 samples were submitted to Amdel, Adelaide, for X-ray fluorescence analysis for tungsten.

Amdel reported values of up to 10 ppm W in the samples (appendix 3).

No values above the detection limit were recorded and it was concluded that the black mineral is not wolframite. No further work was done on the mineral because of its very low concentration in the samples.

Traces of pyrite were noted in drill hole 2 at 29.88 m and 21.17 m. It occurs as fine grains in disseminated aggregates up to 3 mm diameter. Split core samples between 29.40 m and 32.76 m were submitted for base metal analyses. No significant values were reported (appendix 4).

The results of the auger sample geochemical analyses, received in September, 1978 are in appendix 5. No values above the detection limit were reported.

6. RESULTS

Logs of the two drill holes are in appendix 1. The holes intersected Mt Swan Granite throughout most of their length.

Drill hole 1 intersected granite, with trace schist, to 23.0 m. It is pink biotite granite with very coarse grains of feldspar and traces of tourmaline, garnet and epidote. Below 23.0 m it intersected quartz-feldspar-biotite schistose gneiss, biotite schist and quartz biotite schist. Trace tourmaline occurs and coarse feldspar grains were noted in the chips in places.

No wolframite was noted in any samples.

Drill hole 2 intersected granite throughout with a lit-par-lit gneiss in the interval 23.0 - 28.8 m. It is a pink biotite granite, with coarse to very coarse-grained feldspar and trace tourmaline. In the cuttings there were sparse fine grains of an opaque black mineral. Analyses of the section in which it occurred gave very low tungsten readings as listed in appendix 2.

7. CONCLUSIONS AND RECOMMENDATIONS

Investigations by the Northern Territory Geological Survey at the Delny Wolfram Prospect found no significant tungsten mineralization and an extensive auger drilling program found no potentially economic extension of the known occurrence. Mining Reserve No 600 has been relinquished (appendix 6) and it is recommended that no further work be carried out by the Northern Territory Geological Survey on the prospect.

8. REFERENCES

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APPENDIX 1

DRILL HOLE LOGS

N.T. GEOLOGICAL SURVEY

GEOLOGICAL LOG of DRILLHOLE

HOLE No: DDH. DY1

PROJECT: DELNY WOLFRAM DRILLING

1:250,000 SHEET & CO-ORDS: ALCOOTA SF 53/10

HOLE TYPE: ROTARY - PERCUSSION

CO-ORDINATES: 1120mE 114mS

R.L.: TD 36.0 m

AZIMUTH: 180° mag

DECLINATION: 45°

m	Description of Core	Graphic log	Core recovery %	Analyses
	Weathered granite and soil			
	quartz-feldspar micro-pegmatite with graphic intergrowths.			
	Granite, moderately weathered, q-f-biotite very light coloured (quartz) (feldspar)			
	Granite, biotite is fine grained			
5				
	Granite, q-f-bio, minor quartz-feldspar schist (sheared zone)			
10	Granite, q-f-bio			
	Granite, q-f-bio, minor epidote in fractures			
	Granite, q-f-bio, colour darker than above, medium pink			
	Granite, q-f-bio, medium pink, minor tourmaline			
15	Granite, q-f-bio, medium pink, much tourmaline and q-f-bio gneiss			
	Quartz-feldspar gneiss, minor quartz-biotite schist and very light colour			
	Granite, q-f-bio, trace schorl			
20				

REMARKS: One metre samples collected. Sample retained for logging was approx 85g, representativity of samples low.

DRILLED BY: S. BERGER DATE: April 78

GEOLOGY: M.J. FREEMAN DATE: Jan

GEOPHYSICAL LOGS:

LOGGED BY:

SCALE 1:100

N.T. GEOLOGICAL SURVEY

GEOLOGICAL LOG OF DRILL HOLE

HOLE NO: DDH. DY1

PROJECT: DELNY WOLFRAM DRILLING

1:250 000 SHEET & CO-ORDS: ALCOOTA SF 53/10

HOLE TYPE: ROTARY PERCUSSION

CO-ORDINATES: 1120mE 114mS

R.L.:

T.D.: 36.0m

AZIMUTH: 180° mag

DECLINATION: 45°

Description of Core	Graphic log	Core recovery %	Analyses
20 m			
Granite, q-f-bio, some very coarse feldspar			
Granite, q-f-bio, trace garnet			
Granite, q-f-bio, very light colour			
Quartz-biotite schistose gneiss, some coarse feldspar, minor tourmaline.			
Quartz-biotite schistose gneiss, some coarse feldspar			
25			
Quartz-biotite schistose gneiss, some coarse feldspar and trace tourmaline			
Biotite rich schist and biotite-quartz schist, fine grained. SOme granite/pegmatite			
30 Fragments 30-32 m 33-35m			
35 END OF HOLE			

REMARKS

DRILLED BY: S. BERGER DATE: Apr 78

GEOLOGY: M.J. FREEMAN DATE: Jan 79

GEOPHYSICAL LOGS:

LOGGED BY:

SCALE: 1:100

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N.T. GEOLOGICAL SURVEY

GEOLOGICAL LOG of DRILL HOLE

HOLE No: DDH/DDH DY2

PROJECT: DELNY WOLFRAM DRILLING

1:250,000 SHEET & CO-ORDS: ALCOOTA SF53/10

HOLE TYPE: ROTARY DRILLING 0-22.7m CORE DRILLING 22.7-35.4m

CO-ORDINATES

R.L.

TD: 35.4 m

AZIMUTH: 180° mag

DECLINATION: 45°

m	Description of Core	Graphic log	Core recovery %	Analyses
	No sample			
	Granite; very coarse grained q-f-bio, very pale colour			
	Granite; very coarse grained, q-f-bio; minor biotite rich schist.			
	Granite; very coarse grained, q-f-bio, minor biotite schist and calcrete modules (15 mm)			
5	Granite; very coarse grained with biotite & quartz-biotite schist calcrete & fine grains black mineral			
	Granite; finer grained than above, minor quartz feldspar-biotite gneiss			
	No sample			
	Granite; with calcrete & nodules (contam)			
10	Granite; some q-bio-fel, gneiss, some feldspar weathered (contam.)			
	Granite & quartz-biotite schist, much contamination with ferrug. quartz.			
	Granite and minor quartz-biotite schist			
	Granite, pink colour, minor epidote			
15	Granite, pink			
20				

REMARKS

One metre samples collected.
Sample retained for logging was approx 85 g, representativity of samples low

DRILLED BY: S. BERGER DATE: Apr 78

GEOLOGY: M.J. FREEMAN DATE: Jan 79

GEOPHYSICAL LOGS

LOGGED BY

SCALE: 1:100

PAGE 1 OF 2

N.T. GEOLOGICAL SURVEY

GEOLOGICAL LOG of DRILLHOLE

HOLE No: DDH/BDH DY2

PROJECT: DELNY WOLFRAM DRILLING

1:250,000 SHEET & CO-ORDS: ALCOOTA SF53/10

HOLE TYPE: ROTARY DRILLING 0-22.7 m CORE DRILLING 22.7-35.4 m

CO-ORDINATES

R.L.

T.D. 35.4m

AZIMUTH 180° mag

DECLINATION 45°

Description of Core	Graphic log	Core recovery %	Analyses
Granite,vcg; pink feldspar, some is ferrug. minor quartz-biotite schist Granite, pink; 22.7-23.0m Granite, pink, very coarse grained (to 10 mm +) 23.0-28.8m Lit-par-lit gneiss, granite either pink or almost white, interbanded with quartz-biotite schist some of which contains feldspar porphyroblasts to 5 mm, grading through to biotite-quartz-feldspar gneiss. Gneissosity is defined by coarse feldspar laths, biotite is disoriented. Interbanding is 100 mm & greater Banding & gneissosity normal to hole. 28.8-35.4m Granite as 23.0-28.0m but no schist or gneiss, feldspar laths are up to 30 mm long. Trace pyrite as 3 mm aggregates of fine grains (0.5mm) at 29.88m & 32.17m. END OF HOLE			

REMARKS

DRILLED BY S. BERGER DATE Apr 78

GEOLOGY M.J. FREEMAN DATE Jan 79

GEOPHYSICAL LOGS

LOGGED BY

SCALE 1:100

APPENDIX 2

DELNY GROUND MAGNETOMETER SURVEY

by P. Woyzbun

DELNY - GROUND MAGNETOMETER SURVEY

The grid for the magnetometer survey was pegged to cover all the old workings in the area.

The instrument used was the Geometrics Total Force Model G816 Portable Proton Precession Magnetometer. Readings were obtained at 10 metre intervals along north-south traverses spaced at 100 metres. Line 00N was used as a base line for the purpose of diurnal drift elimination.

The readings after corrections have been applied were plotted at the scale of 1:2 000 and contoured with a 50nT contour interval. These are shown on Figure 2. The results show a typical gneissic lit-par-lit magnetic pattern and there are no indications that any mineralization having a magnetic signature occurs within the area covered by the survey.

An attempt was made to correlate different magnetic horizons line to line. These are shown on Figure 3. Again this does not indicate any possible localities of mineral accumulation and is of academic interest only.

The horizon marked M-M on Figure 3 might indicate massive granite as opposed to gneiss.

APPENDIX 3

TUNGSTEN ANALYSES ON DRILL SAMPLES

APPENDIX 3

DRILL HOLE 2

Depth Interval m	Sample Number	W
4 - 5	10029	<10
5 - 6	10030	<10
6 - 7	10031	<10
7 - 8	10032	<10
8 - 9	10033	<10
9 - 10	10034	10
10 - 11	10035	<10
11 - 12	10036	10
12 - 13	10037	<10
13 - 14	10038	<10
14 - 15	10039	10
15 - 16	10040	10
16 - 17	10041	<10
17 - 18	10042	10
18 - 19	10043	<10

Results from Amdel Analytical Report AC 30/9/79
Analysis by X-ray Fluorescence, detection limit 10 ppm.

APPENDIX 4

BASE METAL ANALYSES ON DRILL SAMPLES

APPENDIX 4

Depth Interval m	Sample Number	Cu ppm	Pb ppm	Zn ppm
29.40 - 29.70	10019	10	30	70
29.70 - 30.05	10020	8	20	60
30.05 - 30.33	10021	10	18	50
30.33 - 30.70	10022	8	14	50
30.70 - 31.00	10023	8	16	50
31.00 - 31.47	10024	8	16	50
31.47 - 31.80	10025	8	12	60
31.80 - 32.08	10026	10	20	60
32.08 - 32.38	10027	8	14	70
32.38 - 32.76	10028	8	16	60

Results from East Point Laboratories
N.T. Department of Transport and Works.

Report No. 420 dated 20/3/79
Analysis by atomic absorption spectrophotometry

APPENDIX 5

AUGER SAMPLES DEPTHS, LOCATIONS AND ANALYTICAL RESULTS

Sample No.	Location	Depth	Sample No.	Location	Depth
9207	20W 00N	0-1m	9247	20E	0-1m
9208	20W	1m bit	9248	20E	1m bit
9209	40W	0-1m	9249	40E	0-1m
9210	40W	1m bit	9250	40E	1m bit
9211	60W	0-1m	9251	60E	0-1m
9212	60W	1m bit	9252	60E	1m bit
9213	80W	0-1m	9253	80E	0-1m
9214	80W	1m bit	9254	80E	1m bit
9215	120W	0-1m	9255	120E	0-1m
9216	120W	1m bit	9256	120E	1m bit
9217	140W	0-1m	9257	140E	0-1m
9218	140W	1m bit	9258	140E	1m bit
9219	160W	0-1m	9259	160E	0-1m
9220	160W	1m bit	9260	160E	1m bit
9221	180W	0-1m	9261	180E	0-1m
9222	180W	1m bit	9262	180E	1m bit
9223	220W	0-1m	9263	220E	0-1m
9224	220W	1m bit	9264	220E	1m bit
9225	240W	0-1m	9265	240E	0-1m
9226	240W	1m bit	9266	240E	1m bit
9227	260W	0-1m	9267	260E	0-1m
9228	260W	1m bit	9268	260E	1m bit
9229	280W	0-1m	9269	280E	0-1m
9230	280W	1m bit	9270	280E	1m bit
9231	320W	0-1m	9271	320E	0-1m
9232	320W	1m bit	9272	320E	1m bit
9233	340W	0-1m	9273	340E	0-1m
9234	340W	1m bit	9274	340E	1m bit
9235	360W	0-1m	9275	360E	0-1m
9236	360W	1m bit	9276	360E	1m bit
9237	380W	0-1m	9277	380E	0-1m
9238	380W	1m bit	9278	480E	1m bit
9239	420W	0-1m	9279	420E	0-1m
9240	420W	1m bit	9280	420E	1m bit
9241	440W	0-1m	9281	440E	0-1m
9242	440W	1m bit	9282	440E	1m bit
9243	460W	0-1m	9283	460E	0-1m
9244	460W	1m bit	9284	460E	1m bit
9245	480W	0-1m	9285	480E	0-1m
9246	480W	1m bit	9286	480E	1m bit

Sample No.	Location	Depth
9287	520E	0-1m
9288	520E	1m bit
9289	540E	0-1m
9290	540E	1m bit
9291	560E	0-1m
9292	560E	1m bit
9293	580E	0-1m
9294	580E	1m bit
9295	620E	0-1m
9296	620E	1m bit
9297	640E	0-0.5m
9298	640E	0.5m bit
9299	660E	0-1m
9300	660E	1m bit
9301	680E	0-0.2m
9302	680E	0.2m bit
9303	720E	0-1m
9304	720E	1m bit
9305	740E	0-1m
9306	740E	1m bit
9307	760E	0-1m
9308	760E	1m bit
9309	780E	0-1m
9310	780E	1m bit
9311	820E	0-1m
9312	820E	1m bit
9313	840E	0-1m
9314	840E	1m bit
9315	860E	0-1m
9316	860E	1m bit
9317	880E	0-1m
9318	880E	1m bit
9319	920E	0-1m
9320	920E	1m bit
9321	940E	0-1m
9322	940E	1m bit
9323	960E	0-1m
9324	960E	1m bit
9325	980E	0-1m
9326	980E	1m bit
9327	1020E	0-1m
9328	1020E	1m bit
9329	1040E	0-1m
9330	1040E	1m bit
9331	1060E	0-1m
9332	1060E	1m bit
9333	1080E	0-1m
9334	1080E	1m bit
9335	1120E	0-0.5m
9336	1120E	0.5m bit
9337	1140E	0-1m
9338	1140E	1m bit
9339	1160E	0-0.5m
9340	1160E	0.5m bit
9341	1180E	0-1m
9342	1180E	1m bit
9343	1220E	0-0.7m
9344	1220E	0.7m bit
9345	1240E	0-1m
9346	1240E	1m bit
9347	1260E	0-1m
9348	1260E	1m bit
9349	1280E	0-1m
9350	1280E	1m bit
9351	1320E	0-1m
9352	1320E	1m bit
9353	1340E	0-1m
9354	1340E	1m bit
9355	1360E	0-0.5m
9356	1360E	0.5m bit
9357	1380E	0-1m
9358	1380E	1m bit

Sample No.	Location	Depth
9359	100W 0s	0-1m
9360	100W 0s	1m bit
9361	100W30s	0-1m
9362	100W30s	1m bit
9363	100W60s	0-1m
9364	100W60s	1m bit
9365	100W90s	0-1m
9366	100W90s	1m bit
9367	200W 0s	0-1m
9368	200W 0s	1m bit
9369	200W30s	0-1m
9370	200W30s	1m bit
9371	200W60s	0-1m
9372	200W60s	1m bit
9373	200W90s	0-1m
9374	200w90s	1m bit
9375	300W30s	0-1m
9376	300W30s	1m bit
9377	300W60s	0-1m
9378	300W60s	1m bit
9379	300W90s	0-1m
9380	300W90s	1m bit
9381	400W 0s	0-1m
9382	400W 0s	1m bit
9383	400W30s	0-1m
9384	400W30s	1m bit
9385	400W60s	0-1m
9386	400W60s	1m bit
9387	400W90s	0-1m
9388	400W90s	1m bit
9389	500W30s	0-1m
9390	500W30s	1m bit
9391	500W60s	0-1m
9392	500W60s	1m bit
9393	500W90s	0-1m
9394	500W90s	0-1.4m
9395	500W90s	1.4m
9396	100W30n	0-1m
9397	100W30n	1m bit
9398	100W60n	0-1m
9399	100W60n	1-2m
9400	100W60n	2-2.7m
9401	100W60n	2.7m bit
9402	100W90n	0-1m
9403	100W90n	1m bit
9404	200W30n	0-1m
9405	200W30n	1m bit
9406	200W60n	0-1m
9407	200W60n	1m bit
9408	200W90n	0-1m
9409	200W90n	1m bit
9410	300W 0n	0-1m
9411	300W 0n	1m bit
9412	300W30n	0-1m
9413	300W30n	1m bit
9414	300W60n	0-1m
9415	300W60n	1m bit
9416	300W90n	0-1m
9417	300W90n	1m bit
9418	400W30n	0-1m
9419	400W30n	1m bit
9420	400W60n	0-1m
9421	400W60n	1-2m
9422	400W60n	2-2.5m
9423	400W60n	2.5m bit
9424	400W90n	0-1m
9425	400W90n	1m bit
9426	500W 0n	0-1m
9427	500W 0n	1m bit
9428	500W30n	0-1m
9429	500W30n	1m bit
9430	500W60n	0-1m
9431	500W60n	1m bit
9432	500W90n	0-1m
9433	500W90n	1m bit
9434	100E30n	0-0.5m
9435	100E30n	0.5m bit
9436	100E60n	0-1m
9437	100E60n	1m bit
9438	100E90n	0-1m

Sample No	Locations	Depth	Sample No.	Locations	Depth
9439	100E90n	1m bit	9478	700E 0n	0-0.7m
9440	200E 0n	0-1m	9479	700E 0n	0.7m bit
9441	200E 0n	1m bit	9480	700E30n	0-1m
9442	200E30n	0-1m	9481	700E30n	1m bit
9443	200E30n	1m bit	9482	700E60n	0-0.5m
9444	200E60n	0-1m	9483	700E60n	0.5m bit
9445	200E60n	1m bit	9484	700E90n	0-1m
9446	200E80n	0-1m	9485	700E90n	1m bit
9447	200E80n	1m bit	9486	800E 0n	0-1m
9448	300E30n	0-1m	9487	800E 0n	1m bit
9449	300E30n	1m bit	9488	800E30n	0-1m
9450	300E60n	0-1m	9489	800E30n	1m bit
9451	300E60n	1m bit	9490	800E60n	0-1m
9452	300E90n	0-1m	9491	800E60n	1m bit
9453	300E90n	1m bit	9492	800E90n	0-1m
9454	400E 0n	0-1m	9493	800E90n	1m bit
9455	400E 0n	1m bit	9494	100E 0s	0-1m
9456	400E30n	0-0.7m	9495	100E 0s	1m bit
9457	400E30n	0.7m bit	9496	100E30s	0-1m
9458	400E60n	0-1m	9497	100E30s	1m bit
9459	400E60n	1m bit	9498	100E60s	0-1m
9460	400E90n	0-1m	9499	100E60s	1m bit
9461	400E90n	1m bit	9500	100E90s	0-1m
9462	500E 0n	0-1m	9501	100E90s	1m bit
9463	500E 0n	1m bit	9502	200E30s	0-1m
9464	500E30n	0-1m	9503	200E30s	1m bit
9465	500E30n	1m bit	9504	200E60s	0-1m
9466	500E60n	0-1m	9505	200E60s	1m bit
9467	500E60n	1m bit	9506	200E90s	0-1m
9468	500E90n	0-1m	9507	200E90s	1m bit
9469	500E90n	1m bit	9508	300E 0s	0-1m
9470	600E 0n	0-1m	9509	300E 0s	1m bit
9471	600E 0n	1m bit	9510	300E30s	0-1m
9472	600E30n	0-1m	9511	300E30s	1m bit
9473	600E30n	1m bit	9512	300E60s	0-1m
9474	600E60n	0-1m	9513	300E60s	1m bit
9475	600E60n	1m bit	9514	300E90s	0-1m
9476	600E90n	0-1m	9515	300E90s	1m bit
9477	600E90n	1m bit	9516	400E30s	0-1m

Sample No.	Location	Depth	Sample No	Locations	Depth
9517	400E 30s	1m bit	9556	900E120s	0-1m
9518	400E 60s	0-1m	9557	900E120s	1m bit
9519	400E 60s	1m bit	9558	900E150s	0-1m
9520	400E 90s	0-1m	9559	900E150s	1m bit
9521	400E 90s	1m bit	9560	1000E 0s	0-1m
9522	500E 30s	0-1m	9561	1000E 0s	1m bit
9523	500E 30s	1m bit	9562	1000E 30s	0-1m
9524	500E 60s	0-1m	9563	1000E 30s	1m bit
9525	500E 60s	1m bit	9564	1000E 60s	0-1m
9526	500E 90s	0-1m	9565	1000E 60s	1m bit
9527	500E 90s	1m bit	9566	1000E 90s	0-1m
9528	600E 30s	0-1m	9567	1000E 90s	1m bit
9529	600E 30s	1m bit	9568	1000E120s	0-1m
9530	600E 60s	0-1m	9569	1000E120s	1m bit
9531	600E 60s	1m bit	9570	1000E150s	0-1m
9532	600E 90s	0-1m	9571	1000E150s	1m bit
9533	600E 90s	1m bit	9572	1000E180s	0-1m
9534	700E 30s	0-1m	9573	1000E180s	1m bit
9535	700E 30s	1m bit	9574	1200E 30s	0-1m
9536	700E 60s	0-1m	9575	1200E 30s	1m bit
9537	700E 60s	1m bit	9576	1200E 60s	0-1m
9538	700E 90s	0-1m	9577	1200E 60s	1m bit
9539	700E 90s	1m bit	9578	1200E 90s	0-1m
9540	800E 30s	0-1m	9579	1200E 90s	1m bit
9541	800E 30s	1m bit	9580	1200E120s	0-1m
9542	800E 60s	0-1m	9581	1200E120s	1m bit
9543	800E 60s	1m bit	9582	1200E150s	0-1m
9544	800E 90s	0-1m	9583	1200E150s	1m bit
9545	800E 90s	1m bit	9584	1200E180s	0-1m
9546	800E120s	0-1m	9585	1200E180s	1m bit
9547	800E120s	1m bit	9586	1200E 0s	0-1m
9548	900E 0s	0-1m	9587	1200E 0s	1-2m
9549	900E 0s	1m bit	9588	1200E 0s	2-2.5m
9550	900E 30s	0-1m	9589	1200E 0s	2.5m bit
9551	900E 30s	1m bit	9590	1300E 30s	0-0.42m
9552	900E 60s	0-1m	9591	1300E 30s	0.42m bit
9553	900E 60s	1m bit	9592	1300E 60s	0-0.5m
9554	900E 90s	0-1m	9593	1300E 60s	0.5m bit
9555	900E 90s	1m bit	9594	1300E 90s	0-1m

Sample No.	Location	Depth	Sample No.	Locations	Depth
9595	1300E 90s	1m bit			
9596	1300E120s	0-1m			
9597	1300E120s	1m bit			
9598	1300E150s	0-1m			
9599	1300E150s	1m bit			
9600	1300E180s	0-1m			
9601	1300E180s	1m bit			
9602	1300E 0s	0-1m			
9603	1300E 0s	1m bit			
9604	1100E 0s	0-0.5m			
9605	1100E 0s	0.5m bit			
9606	1100E 30s	0-1m			
9607	1100E 30s	1m bit			
9608	1100E 60s	0-1m			
9609	1100E 60s	1m bit			
9610	1100E 90s	0-1m			
9611	1100E 90s	1m bit			
9612	1100E120s	0-1m			
9613	1100E120s	1m bit			
9614	1100E150s	0-1m			
9615	1100E150s	1m bit			
9616	1100E180s	0-1m			
9617	1100E180s	1m bit			
9618	1400E 30s	0-1m			
9619	1400E 30s	1m bit			
9620	1400E 60s	0-1m			
9621	1400E 60s	1m bit			
9622	1400E 90s	0-1m			
9623	1400E 90s	1m bit			
9624	1400E150s	0-1m			
9625	1400E150s	1m bit			
9626	1400E180s	0-1m			
9627	1400E180s	1m bit			

DEPARTMENT OF TRANSPORT & WORKS

No. 352

CERTIFICATE OF ANALYSIS

EAST POINT LABORATORY,
DARWIN.

11 / 09 / 1978.

I hereby certify that the results for the analysis of material submitted by . Mr.. D.. Clarke,. . . . . .

.Department. of .Mines .and .Energy, . .P.O. .Box .2330, . ALICE SPRINGS,. . N.T.. 5750. . . . . .

of . . . . . .

are as follows:—

Client's Reference Number	Assay Register Number	Analysed for Sn ug/g	Analysed for W %	Result TA ug/g	Result Mo ug
78/AS/9121	G78/506	< 50	< 0.1	< 25	< 10
9122	507	"	"	"	"
9123	508	"	"	"	"
9124	509	"	"	"	"
9125	510	"	"	"	"
9126	511	"	"	"	"
9127	512	"	"	"	"
9128	513	"	"	"	"
9129	514	"	"	"	"
9130	515	"	"	"	"
9131	516	"	"	"	"
9132	517	"	"	"	"
9133	518	"	"	"	"
9134	519	"	"	"	"
9135	520	"	"	"	"
9136	521	"	"	"	"
9137	522	"	"	"	"
9138	523	"	"	"	"
9139	524	"	"	"	"
9140	525	"	"	"	"
9141	526	"	"	"	"
9142	527	"	"	"	"
9014 A	528	"	"	"	"
9207	534	"	"	"	"
9208	535	"	"	"	"
9209	536	"	"	"	"
9210	537	"	"	"	"
9211	538	"	"	"	"
9212	539	"	"	"	"
9213	540	"	"	"	"
9214	541	"	"	"	"
9215	542	"	"	"	"
9216	543	"	"	"	"
9217	544	"	"	"	"
9218	545	"	"	"	"
9219	546	"	"	"	"
9220	547	"	"	"	"
9221	548	"	"	"	"
9222	549	"	"	"	"
9223	550	"	"	"	"

N.T.G.P.O.

DEPARTMENT OF TRANSPORT & WORKS

No. 353

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DARWIN.

11 / 09 / 1978.

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.Department.of.Mines.and.Energy,..P.O..Box.2330,. ALICE SPRINGS... N.T.. 5750.....

of .....

are as follows:—

Client's Reference Number	Assay Register Number	Analysed for Sn ug/g	Analysed for W %	Result Ta ug/g	Result Mo ug/g
78/AS/9224	G78/551	<50	<0.1	<25	<10
9225	552	"	"	"	"
9226	553	"	"	"	"
9227	554	"	"	"	"
9228	555	"	"	"	"
9229	556	"	"	"	"
9230	557	"	"	"	"
9231	558	"	"	"	"
9232	559	"	"	"	"
9233	560	"	"	"	"
9234	561	"	"	"	"
9235	562	"	"	"	"
9236	563	"	"	"	"
9237	564	"	"	"	"
9238	565	"	"	"	"
9239	566	"	"	"	"
9240	567	"	"	"	"
9241	568	"	"	"	"
9242	569	"	"	"	"
9243	570	"	"	"	"
9244	571	"	"	"	"
9245	572	"	"	"	"
9246	573	"	"	"	"
9247	574	"	"	"	"
9248	575	"	"	"	"
9249	576	"	"	"	"
9250	577	"	"	"	"
9251	578	"	"	"	"
9252	579	"	"	"	"
9253	580	"	"	"	"
9254	581	"	"	"	"
9255	582	"	"	"	"
9256	583	"	"	"	"
9257	584	"	"	"	"
9258	585	"	"	"	"
9259	586	"	"	"	"
9260	587	"	"	"	"
9261	588	"	"	"	"
9262	589	"	"	"	"
9263	590	"	"	"	"

W. F. & L.

DEPARTMENT OF TRANSPORT & WORKS

No. 354

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DARWIN.

11/ 09 / 1978

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. . . Department .of .Mines .of .Energy, . . P..O.. Box .2330,. . ALICE. SPRINGS. . . N.T. . . 5750. . . . . .

of . . . . . .

are as follows:—

Client's Reference Number	Assay Register Number	Analysed for		Result	
		Sn ug/g	W %	Ta ug/g	Mo ug/g
78/AS/9264	G78/591	< 50	< 0.1	< 25	< 10
9265	592	"	"	"	"
9266	593	"	"	"	"
9267	594	"	"	"	"
9268	595	"	"	"	"
9269	596	"	"	"	"
9270	597	"	"	"	"
9271	598	"	"	"	"
9272	599	"	"	"	"
9273	600	"	"	"	"
9274	601	"	"	"	"
9275	602	"	"	"	"
9276	603	"	"	"	"
9277	604	"	"	"	"
9278	605	"	"	"	"
9279	606	"	"	"	"
9280	607	"	"	"	"
9281	608	"	"	"	"
9282	609	"	"	"	"
9283	610	"	"	"	"
9284	611	"	"	"	"
9285	612	"	"	"	"
9286	613	"	"	"	"
9287	614	"	"	"	"
9288	615	"	"	"	"
9289	616	"	"	"	"
9290	617	"	"	"	"
9291	618	"	"	"	"
9292	619	"	"	"	"
9293	620	"	"	"	"
9294	621	"	"	"	"
9295	622	"	"	"	"
9296	623	"	"	"	"
9297	624	"	"	"	"
9298	625	"	"	"	"
9299	626	"	"	"	"
9300	627	"	"	"	"
9301	628	"	"	"	"
9302	629	"	"	"	"
9303	630	"	"	"	"

DEPARTMENT OF TRANSPORT & WORKS

No. 355

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DARWIN.

11 / 09 / 1978.

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..Department of Mines and Energy,. P.O. Box 2330,. ALICE SPRINGS,...N.T...5750,....

of .....

are as follows:—

Client's Reference Number	Assay Register Number	Analysed for		Result	
		Sn ug/g	W %	Ta ug/g	Mo ug/g
78/AS/9304	G78/631	<50	<0.1	<25	<10
9305	632	"	"	"	"
9306	633	"	"	"	"
9307	634	"	"	"	"
9308	635	"	"	"	"
9309	636	"	"	"	"
9310	637	"	"	"	"
9311	638	"	"	"	"
9312	639	"	"	"	"
9313	640	"	"	"	"
9314	641	"	"	"	"
9315	642	"	"	"	"
9316	643	"	"	"	"
9317	644	"	"	"	"
9318	645	"	"	"	"
9319	646	"	"	"	"
9320	647	"	"	"	"
9321	648	"	"	"	"
9322	649	"	"	"	"
9323	650	"	"	"	"
9324	651	"	"	"	"
9325	652	"	"	"	"
9326	653	"	"	"	"
9327	654	"	"	"	"
9328	655	"	"	"	"
9329	656	"	"	"	"
9330	657	"	"	"	"
9331	658	"	"	"	"
9332	659	"	"	"	"
9333	660	"	"	"	"
9334	661	"	"	"	"
9335	662	"	"	"	"
9336	663	"	"	"	"
9337	664	"	"	"	"
9338	665	"	"	"	"
9339	666	"	"	"	"
9340	667	"	"	"	"
9341	668	"	"	"	"
9342	669	"	"	"	"
9343	670	"	"	"	"

DEPARTMENT OF TRANSPORT & WORKS

No. 356

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DARWIN.

11/ 09 / 1978.

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.. Department of Mines and Energy, .. P.O. Box 2330, .. ALICE SPRINGS. .. N.T. 5750. ....

of .....

are as follows:—

Client's Reference Number	Assay Register Number	Analysed for		Result	
		Sn ug/g	W %	Ta ug/g	Mo ug/g
78/AS/9344	G78/671	<50	<0.1	<25	<10
9345	672	"	"	"	"
9346	673	"	"	"	"
9347	674	"	"	"	"
9348	675	"	"	"	"
9349	676	"	"	"	"
9350	677	"	"	"	"
9351	678	"	"	"	"
9352	679	"	"	"	"
9353	680	"	"	"	"
9354	681	"	"	"	"
9355	682	"	"	"	"
9356	683	"	"	"	"
9357	684	"	"	"	"
9358	685	"	"	"	"
9359	686	"	"	"	"
9360	687	"	"	"	"
9361	688	"	"	"	"
9362	689	"	"	"	"
9363	690	"	"	"	"
9364	691	"	"	"	"
9365	692	"	"	"	"
9366	693	"	"	"	"
9367	694	"	"	"	"
9368	695	"	"	"	"
9369	696	"	"	"	"
9370	697	"	"	"	"
9371	698	"	"	"	"
9372	699	"	"	"	"
9373	700	"	"	"	"
9374	701	"	"	"	"
9375	702	"	"	"	"
9376	703	"	"	"	"
9377	704	"	"	"	"
9378	705	"	"	"	"
9379	706	"	"	"	"
9380	707	"	"	"	"
9381	708	"	"	"	"
9382	709	"	"	"	"
9383	710	"	"	"	"

for S.P.L.

DEPARTMENT OF TRANSPORT & WORKS

No. 357

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DARWIN.

11/ 09 / 1978.

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..Department.of.Mines.and.Energy,..P.O..Box.2330,..ALICE.SPRINGS....N.T..5750.....

of .....

are as follows:—

Client's Reference Number	Assay Register Number	Analysed for		Result	
		Sn ug/g	W %	Ta ug/g	Mo ug/g
78/AS/9384	G78/711	<50	<0.1	<25	<10
9385	712	"	"	"	"
9386	713	"	"	"	"
9387	714	"	"	"	"
9388	715	"	"	"	"
9389	716	"	"	"	"
9390	717	"	"	"	"
9391	718	"	"	"	"
9392	719	"	"	"	"
9393	720	"	"	"	"
9394	721	"	"	"	"
9395	722	"	"	"	"
9396	723	"	"	"	"
9397	724	"	"	"	"
9398	725	"	"	"	"
9399	726	"	"	"	"
9400	727	"	"	"	"
9401	728	"	"	"	"
9402	729	"	"	"	"
9403	730	"	"	"	"
9404	731	"	"	"	"
9405	732	"	"	"	"
9406	733	"	"	"	"
9407	734	"	"	"	"
9408	735	"	"	"	"
9409	736	"	"	"	"
9410	737	"	"	"	"
9411	738	"	"	"	"
9412	739	"	"	"	"
9413	740	"	"	"	"
9414	741	"	"	"	"
9415	742	"	"	"	"
9416	743	"	"	"	"
9417	744	"	"	"	"
9418	745	"	"	"	"
9419	746	"	"	"	"
9420	747	"	"	"	"
9421	748	"	"	"	"
9422	749	"	"	"	"
9423	750	"	"	"	"

DEPARTMENT OF TRANSPORT & WORKS

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of .....

are as follows:—

Client's Reference Number	Assay Register Number	Analysed for		Result	
		Sn ug/g	W %	Ta ug/g	Mo ug/g
78/As/9424	G78/751	<50	<0.1	<25	<10
9425	752	"	"	"	"
9426	753	"	"	"	"
9427	754	"	"	"	"
9428	755	"	"	"	"
9429	756	"	"	"	"
9430	757	"	"	"	"
9431	758	"	"	"	"
9432	759	"	"	"	"
9433	760	"	"	"	"
9434	761	"	"	"	"
9435	762	"	"	"	"
9436	763	"	"	"	"
9437	764	"	"	"	"
9438	765	"	"	"	"
9439	766	"	"	"	"
9440	767	"	"	"	"
9441	768	"	"	"	"
9442	769	"	"	"	"
9443	770	"	"	"	"
9444	771	"	"	"	"
9445	772	"	"	"	"
9446	773	"	"	"	"
9447	774	"	"	"	"
9448	775	"	"	"	"
9449	776	"	"	"	"
9450	777	"	"	"	"
9451	778	"	"	"	"
9452	779	"	"	"	"
9453	780	"	"	"	"
9454	781	"	"	"	"
9455	782	"	"	"	"
9456	783	"	"	"	"
9457	784	"	"	"	"
9458	785	SAMPLE CONTAMINATED IN PREPARATION ----------			
9459	786	SAMPLE CONTAMINATED IN PREPARATION ----------			
9460	787	SAMPLE CONTAMINATED IN PREPARATION ----------			
9461	788	SAMPLE CONTAMINATED IN PREPARATION ----------			
9462	789	SAMPLE CONTAMINATED IN PREPARATION ----------			
9463	790	SAMPLE CONTAMINATED IN PREPARATION ----------			

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DARWIN.

11/ 09 / 1978.

I hereby certify that the results for the analysis of material submitted by ..Mr..D..Clarke,.....

..Department.of Mines.and Energy,..P.O..Box.2330,..ALICE.SPRINGS...N.T...5750.....

of .....

are as follows:—

Client's Reference Number	Assay Register Number	Analysed for Sn ug/g	Analysed for W %	Result Ta ug/g	Result Mo ug/g
78/AS/9464	G78/791	--SAMPLES ---	CONTAMINATED	-- IN ----	PREPARATION --
9465	792	"	"	"	"
9466	793	"	"	"	"
9467	794	"	"	"	"
9468	795	"	"	"	"
9469	796	"	"	"	"
9470	797	"	"	"	"
9471	798	"	"	"	"
9472	799	"	"	"	"
9473	800	"	"	"	"
9474	801	"	"	"	"
9475	802	"	"	"	"
9476	803	"	"	"	"
9477	804	"	"	"	"
9478	805	"	"	"	"
9479	806	< 50	< 0.1	< 25	< 10
9480	807	"	"	"	"
9481	808	"	"	"	"
9482	809	"	"	"	"
9483	810	"	"	"	"
9484	811	"	"	"	"
9485	812	"	"	"	"
9486	813	"	"	"	"
9487	814	"	"	"	"
9488	815	"	"	"	"
9489	816	"	"	"	"
9490	817	"	"	"	"
9491	818	"	"	"	"
9492	819	"	"	"	"
9493	820	"	"	"	"
9494	821	"	"	"	"
9495	822	"	"	"	"
9496	823	"	"	"	"
9497	824	"	"	"	"
9498	825	"	"	"	"
9499	826	"	"	"	"
9500	827	"	"	"	"
9501	828	"	"	"	"
9502	829	"	"	"	"
9503	830	"	"	"	"

DEPARTMENT OF TRANSPORT & WORKS

No. 360

CERTIFICATE OF ANALYSIS

EAST POINT LABORATORY,
DARWIN.

11/ 09 / 1978

I hereby certify that the results for the analysis of material submitted by Mr.. D.. Clarke,.....

.Department .of .Mines .and .Energy,. . P.O. Box 2330,. . ALICE SPRINGS. . N.T.. 5750,.....

of .....

are as follows:—

Client's Reference Number	Assay Register Number	Analysed for Sn ug/g	Analysed for W %	Result Ta ug/g	Result Mo ug/g
78/AS/9504	G78/831	< 50	< 0.1	< 25	< 10
9505	832	"	"	"	"
9506	833	"	"	"	"
9507	834	"	"	"	"
9508	835	"	"	"	"
9509	836	"	"	"	"
9510	837	"	"	"	"
9511	838	"	"	"	"
9512	839	"	"	"	"
9513	840	"	"	"	"
9514	841	"	"	"	"
9515	842	"	"	"	"
9516	843	"	"	"	"
9517	844	"	"	"	"
9518	845	"	"	"	"
9519	846	"	"	"	"
9520	847	"	"	"	"
9521	848	"	"	"	"
9522	849	"	"	"	"
9523	850	"	"	"	"
9524	851	"	"	"	"
9535	852	"	"	"	"
9526	853	"	"	"	"
9527	854	"	"	"	"
9528	855	"	"	"	"
9529	856	"	"	"	"
9530	857	"	"	"	"
9531	858	"	"	"	"
9532	859	"	"	"	"
9533	860	"	"	"	"
9534	861	"	"	"	"
9535	862	"	"	"	"
9536	863	"	"	"	"
9537	864	"	"	"	"
9538	865	"	"	"	"
9539	866	"	"	"	"
9540	867	"	"	"	"
9541	868	"	"	"	"
9542	869	"	"	"	"
9543	870	"	"	"	"

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..Department of Mines and Energy,. P.O. Box 2330,... ALICE SPRINGS....N.T...5750....

of .....

are as follows:—

Client's Reference Number	Assay Register Number	Analysed for		Result	
		Sn ug/g	W %	Ta ug/g	Mo ug/g
78/AS/9544	G78/871	<50	<0.1	<25	<10
9545	872	"	"	"	"
9546	873	"	"	"	"
9547	874	"	"	"	"
9548	875	"	"	"	"
9549	876	"	"	"	"
9550	877	"	"	"	"
9551	878	"	"	"	"
9552	879	"	"	"	"
9553	880	"	"	"	"
9554	881	"	"	"	"
9555	882	"	"	"	"
9556	883	"	"	"	"
9557	884	"	"	"	"
9558	885	"	"	"	"
9559	886	"	"	"	"
9560	887	"	"	"	"
9561	888	"	"	"	"
9562	889	"	"	"	"
9563	890	"	"	"	"
9564	891	"	"	"	"
9565	892	"	"	"	"
9566	893	"	"	"	"
9567	894	"	"	"	"
9568	895	"	"	"	"
9569	896	"	"	"	"
9570	897	"	"	"	"
9571	898	"	"	"	"
9572	899	"	"	"	"
9573	900	"	"	"	"
9574	901	"	"	"	"
9575	902	"	"	"	"
9576	903	"	"	"	"
9577	904	"	"	"	"
9578	905	"	"	"	"
9579	906	"	"	"	"
9580	907	"	"	"	"
9581	908	"	"	"	"
9582	909	"	"	"	"
9583	910	"	"	"	"

DEPARTMENT OF TRANSPORT & WORKS

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DARWIN.

11/ 09 / 1978.

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. . .Department .of .Mines .and .Energy, . .P.O. Box .2330,. . ALICE SPRINGS. . .N.T.. 5750. . . . .

of . . . . . .

are as follows:—

Client's Reference Number	Assay Register Number	Analysed for		Result	
		Sn ug/g	W %	Ta ug/g	Mo ug/g
78/AS/9584	G78/911	<50	<0.1	<25	<10
9585	912	"	"	"	"
9586	913	"	"	"	"
9587	914	"	"	"	"
9588	915	"	"	"	"
9589	916	"	"	"	"
9590	917	"	"	"	"
9591	918	"	"	"	"
9592	919	"	"	"	"
9593	920	"	"	"	"
9594	921	"	"	"	"
9595	922	"	"	"	"
9596	923	"	"	"	"
9597	924	"	"	"	"
9598	925	"	"	"	"
9599	926	"	"	"	"
9600	927	"	"	"	"
9601	928	"	"	"	"
9602	929	"	"	"	"
9603	930	"	"	"	"
9604	931	"	"	"	"
9605	932	"	"	"	"
9606	933	"	"	"	"
9607	934	"	"	"	"
9608	935	"	"	"	"
9609	936	"	"	"	"
9610	937	"	"	"	"
9611	938	"	"	"	"
9612	939	"	"	"	"
9613	940	"	"	"	"
9614	941	"	"	"	"
9615	942	"	"	"	"
9616	943	"	"	"	"
9617	944	"	"	"	"
9618	945	"	"	"	"
9619	946	"	"	"	"
9620	947	"	"	"	"
9621	948	"	"	"	"
9622	949	"	"	"	"
9623	950	"	"	"	"

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11 / 09 / 19 78.

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. Department of. Mines. and. Energy,..P.O..Box. 2330,..ALICE.SPRINGS...N.T..5750.....

of .....

are as follows:—

Client's Reference Number	Assay Register Number	Analysed for Sn ug/g	Analysed for W %	Result Ta ug/g	Result Mo ug/
78/AS/9624	G78/951	< 50	< 0.1	< 25	< 10
9625	952	"	"	"	"
9626	953	"	"	"	"
9627	954	"	"	"	"
9685	955	"	"	"	"
9686	956	"	"	"	"
9687	957	"	"	"	"
9688	958	"	"	"	"
9689	959	"	"	"	"
9690	960	"	"	"	"
9691	961	"	"	"	"
9692	962	"	"	"	"
9693	963	"	"	"	"
9694	964	"	"	"	"
9695	965	"	"	"	"
9696	966	"	"	"	"
9697	967	"	"	"	"
9698	968	"	"	"	"
9699	969	"	"	"	"
9700	970	"	"	"	"
9701	971	"	"	"	"
9702	972	"	"	"	"
9703	973	"	"	"	"
9704	974	"	"	"	"
9705	975	"	"	"	"
9706	976	"	"	"	"
9707	977	"	"	"	"
9708	978	"	"	"	"
9709	979	"	"	"	"
9710	980	"	"	"	"
9711	981	"	"	"	"
9712	982	"	"	"	"
9713	983	"	"	"	"
9714	984	"	"	"	"
9715	985	"	"	"	"
9716	986	"	"	"	"
9717	987	"	"	"	"
9718	988	"	"	"	"
9719	989	"	"	"	"
9720	990	"	"	"	"

APPENDIX 6

RECOMMENDATION TO CANCEL MR600

DEPARTMENT OF MINES AND ENERGY

MEMORANDUM

TO: Chief Geologist.

THROUGH: Resident Geologist.

FROM: M.J. Freeman.

DATE: 19th December'79.
FILE: F53/10
: MG/1/7

RE: Delny Wolfram, Mining Reserve 600.

A draft report describing our work at the site is written. However it will not be completed before I return to work in February.

One recommendation in the report is that the Mining Reserve No. 600 be cancelled. This was proclaimed, as I nnderstand it, to protect the site during our investigation.

In order to expedite mineral exploration I now recommend that Mining Reserve, No. 600 named Peaked Hill be cancelled.

M.J. FREEMAN

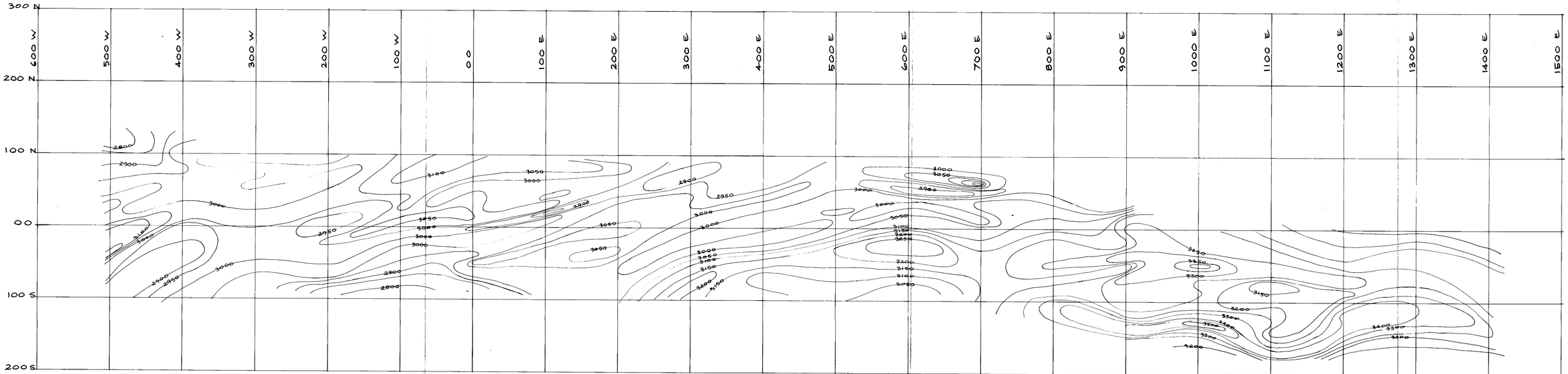
Fig 2.

DELNY WOLFRAM PROSPECT

GROUND MAGNETOMETER SURVEY

TOTAL INTENSITY CONTOUR PLAN

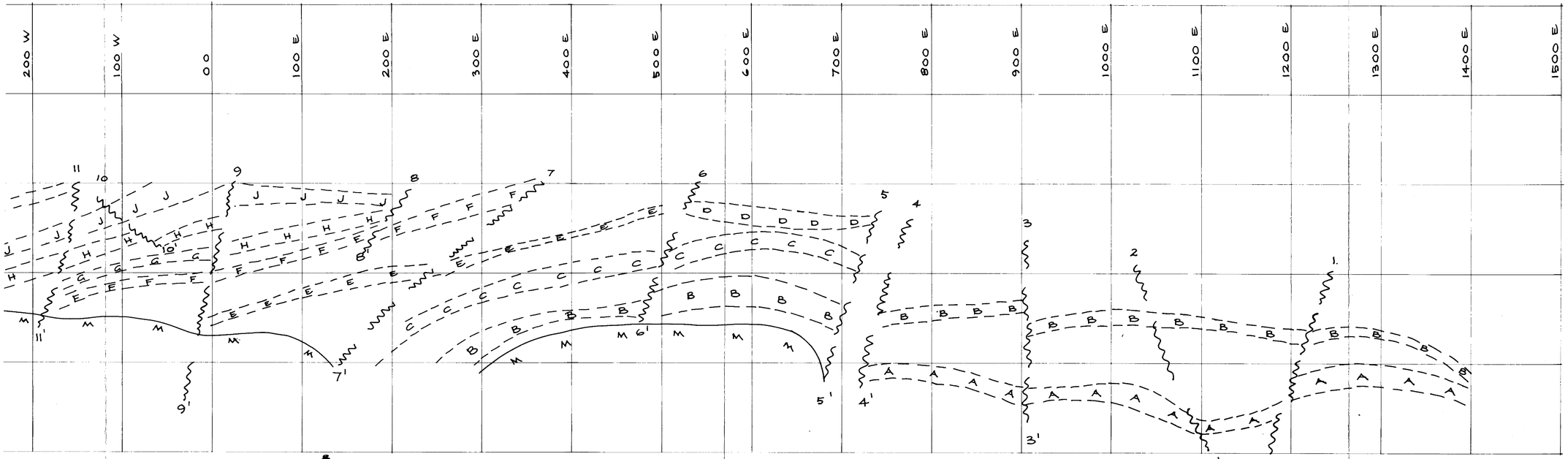
SCALE 1:2000
CONTOUR INTERVAL 50 GAMMA.



N.T. DEPT OF MINES & ENERGY.

AS78P10A

DELNY WOLFRAM PROSPECT
GROUND MAGNETOMETER SURVEY - INTERPRETATION



AS78P09A