
MT BUNDEY PROJECT (MARY RIVER, N T)

MINERAL CLAIMS MCNs 68 - 91

EXPLORATION REPORT FOR 1993-94

July 1995

VOLUME 6 OF 12

(Taipan Hill - Maps)

**VINCE ROBERTS
& ASSOCIATES PTY. LTD.**

8 979 968

CONSULTANT GEOLOGISTS

54 HATFIELD WAY, BOORAGOON 6154

PHONE: [09] 364 5793

WESTERN AUSTRALIA

CR 95 / 674 F

U.S.C. E.

MT BUNDEY PROJECT (MARY RIVER, N T)

MINERAL CLAIMS MCNs 68-91

EXPLORATION REPORT FOR 1993-94

VOLUME 6 OF 12

(Taipan Hill - Maps)

NAME OF LICENSEE: Pinnacle Mining NL
NAME OF OPERATOR: Pinnacle Mining NL
10th Floor, 256 Adelaide Terrace PERTH WA 6000
PERIOD OF REPORT: 1/1/93 to 31/12/94
1:250,000 MAP AREA: Darwin SD 52-4 (SE part)
1:100,000 MAP AREA: Mary River 5272 (SW part)
1:50,000 MAP AREA: Mt Bunday 8/6-111 (SW part)

Prepared for Pinnacle Mining N L

by

Vince Roberts & Associates Pty Ltd
Perth, Western Australia

July, 1995

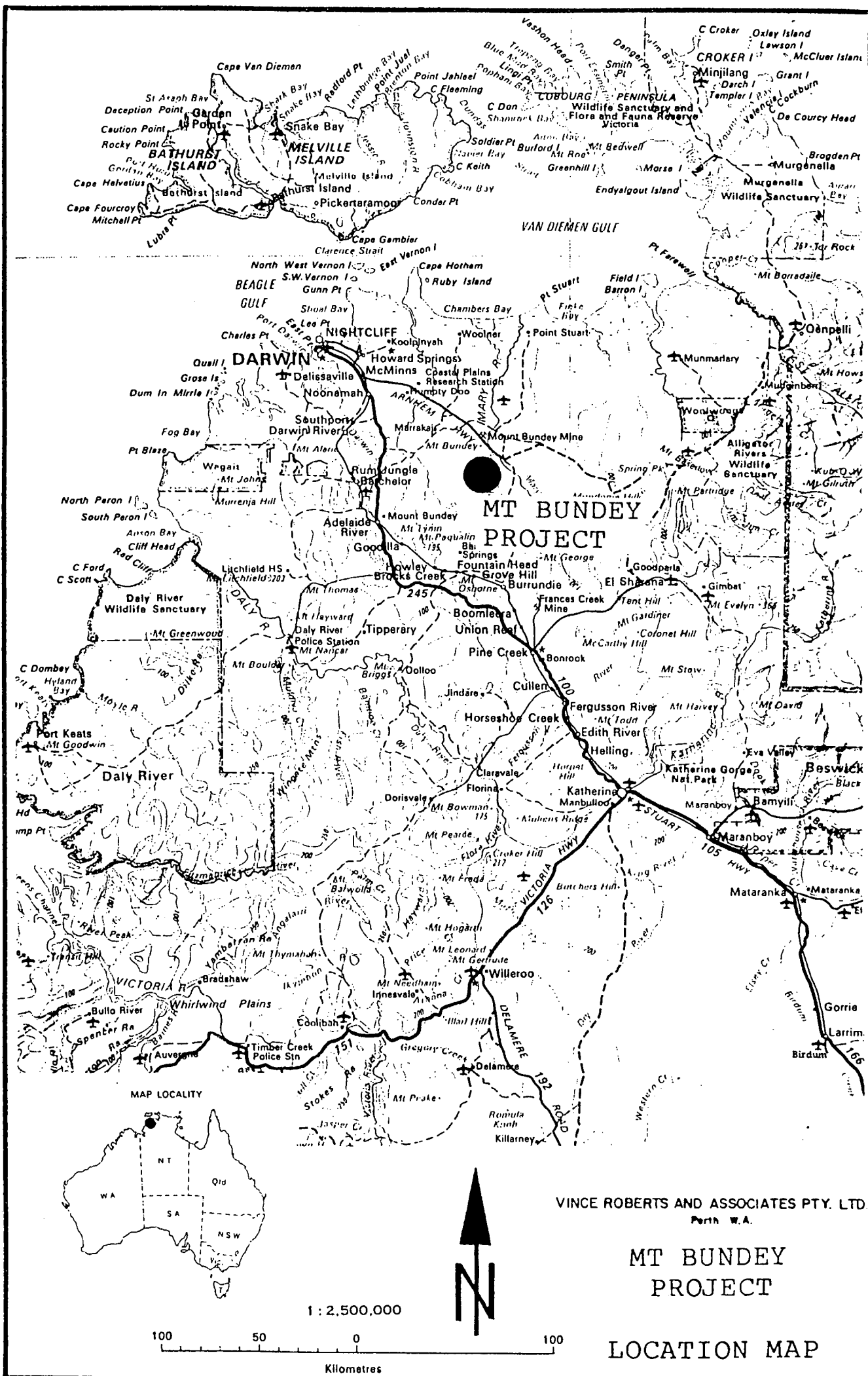


FIGURE 1

CONTENTS

	<u>PAGE</u>
SUMMARY	1
CONCLUSIONS	10
RECOMMENDATIONS	11
INTRODUCTION	
Scope of Report	13
Location and Access	13
Topography, Vegetation and Climate	13
Tenement Details and Ownership	14
Personnel	14
Past Exploration	14
WORK COMPLETED, 1994	15
REGIONAL GEOLOGY	16
LOCAL AND DETAILED GEOLOGY	17
SOIL GEOCHEMISTRY - GENERAL COMMENT	18
RAB DRILLING - GENERAL COMMENT	19
MAGNETIC SUSCEPTIBILITIES	20
MINERALISATION - GENERAL COMMENT	21
TAIPAN HILL PROSPECT (MCNs 88-91)	
Soil Geochemistry	22
RAB Drilling	23
Gold Mineralisation	24
Base Metal Mineralisation	24
MOBILE HILL PROSPECT (MCNs 84-87)	
Soil Geochemistry	25
RAB Drilling	26
Gold Mineralisation	26
Base Metal Mineralisation	27

CONTENTS (Continued)

	<u>PAGE</u>
TUSKER CREEK PROSPECT (part of MCNs 81-83)	
Soil Geochemistry	27
RAB Drilling	28
Gold and Base Metal Mineralisation	28
ADDER POOL PROSPECT (part of MCNs 74-80)	
Soil Geochemistry	28
RAB Drilling	29
Gold Mineralisation	29
Base Metal Mineralisation	29
TIGER RISE PROSPECT (part of MCNs 74-80)	
Soil Geochemistry	30
RAB Drilling	30
TIGER SOUTH PROSPECT (part of MCNs 74-80)	
Soil Geochemistry	30
RAB Drilling	31
Gold and Base Metal Mineralisation	31
KING BROWN FLAT PROSPECT (MCNs 68-71)	
Soil Geochemistry	32
RAB Drilling	32
MINERAL CLAIMS MCNs 72-73	33
REFERENCES	34

TABLES

Table 1 Taipan Hill - Best Intersections	6
Table 2 Mobile Hill - Best Intersections	7
Table 3 Tusker Creek - Best Intersections	7
Table 4 Adder Pool - Best Intersections	8
Table 5 Tiger Rise - Best Intersections	8
Table 6 Tiger South - Best Intersections	8
Table 7 King Brown Flat - Best Intersections	9

CONTENTS (Continued)

APPENDICES

Appendix 1	Taipan Hill - All Drill Hole Intersections	Back of Vol 1
Appendix 2	Mobile Hill - All Drill Hole Intersections	"
Appendix 3	Tusker Creek, Adder Pool, Tiger Rise, Tiger South and King Brown Flat - All Drill Hole Intersections	"
Appendix 4	1994 RAB Drilling - Drill Hole Location Record	"
Appendix 5	1994 RAB Drilling - Record of Sample Nos and Intervals	"
Appendix 6	1993-94 Soil Geochemistry - Sample Location Records	"
Appendix 7	1994 RAB Drilling - Drill Hole Logs	Vols 2 & 3
Appendix 8	1994 Soil Geochemistry - Assay Sheets	Vol 4
Appendix 9	1994 RAB Drilling - Record of Magnetic Susceptibility Readings	"
Appendix 10	1994 RAB Drilling - Assays for Composite Samples	"
Appendix 11	1994 RAB Drilling - Assays for Primary Samples	Vol 5

DRAWINGS

VOLUME 1

Figure 1	Location Map (1:2,500,000)	Front
Figure 2	Locality Map (approx 1:55,000)	3
Figure 3	Access Map (1:50,000)	4
Figure 4	Grid Location Map	5

Figures 1 to 4

also at front of: Vols 2 - 12

TAIPAN HILL PROSPECT

VOLUME 6

GC 008	Soil Geochemistry - Gold
GC 009	Soil Geochemistry - Arsenic
GC 010	Soil Geochemistry - Copper
GC 011	Soil Geochemistry - Lead
GC 012	Soil Geochemistry - Zinc
GC 013	Soil Geochemistry - Silver

TAI/dhpse 98	Drill Hole Location Plan
--------------	--------------------------

VOLUME 7

TAI/dhnse 9	Drill Hole Section (Gold + Mag Susc.) 9160N (West)
TAI/dhnse 10	Drill Hole Section (Gold + Mag Susc.) 9140N (West)
TAI/dhnse 11	Drill Hole Section (Gold + Mag Susc.) 9120N (West)

CONTENTS (Continued)

TAI/dhnse 12	Drill Hole Section (Gold + Mag Susc.) 9100N (West)
TAI/dhnse 13	Drill Hole Section (Gold + Mag Susc.) 9080N (West)
TAI/dhnse 14	Drill Hole Section (Gold + Mag Susc.) 9060N (West)
TAI/dhnse 15	Drill Hole Section (Gold + Mag Susc.) 9040N (West)
TAI/dhnse 16	Drill Hole Section (Gold + Mag Susc.) 9000N (West)
TAI/dhnse 17	Drill Hole Section (Gold + Mag Susc.) 8920N (West)
TAI/dhnse 18	Drill Hole Section (Gold + Mag Susc.) 8840N (West)
TAI/dhnse 19	Drill Hole Section (Gold + Mag Susc.) 8760N (West)
TAI/dhnse 20	Drill Hole Section (Gold + Mag Susc.) 8680N (West)
TAI/dhnse 21	Drill Hole Section (Gold) 8600N (West)
TAI/dhnse 22	Drill Hole Section (Gold) 8520N (West)
TAI/dhnse 23	Drill Hole Section (Gold) 8440N (West)
TAI/dhnse 24	Drill Hole Section (Gold) 8360N (West)
TAI/dhnse 25	Drill Hole Section (Gold + Mag Susc.) 9040N (West +)
TAI/dhnse 26	Drill Hole Section (Gold + Mag Susc.) 9000N (West +)
TAI/dhnse 27	Drill Hole Section (Gold + Mag Susc.) 8760N (East)
TAI/dhnse 28	Drill Hole Section (Gold + Mag Susc.) 8720N (East)
TAI/dhnse 29	Drill Hole Section (Gold + Mag Susc.) 8680N (East)
TAI/dhnse 30	Drill Hole Section (Gold + Mag Susc.) 8640N (East)
TAI/dhnse 31	Drill Hole Section (Gold) 8600N (East)
TAI/dhnse 32	Drill Hole Section (Gold) 8520N (East)
TAI/dhnse 33	Drill Hole Section (Gold) 8440N (East)
TAI/dhnse 34	Drill Hole Section (Gold) 8360N (East)
TAI/dhnse 35	Drill Hole Section (Gold) 8360N (East +)

VOLUME 8

TAI/dhnse 36	Drill Hole Section (Lead + Zinc) 9160N (West)
TAI/dhnse 37	Drill Hole Section (Lead + Zinc) 9140N (West)
TAI/dhnse 38	Drill Hole Section (Lead + Zinc) 9120N (West)
TAI/dhnse 39	Drill Hole Section (Lead + Zinc) 9100N (West)
TAI/dhnse 40	Drill Hole Section (Lead + Zinc) 9080N (West)
TAI/dhnse 41	Drill Hole Section (Lead + Zinc) 9060N (West)
TAI/dhnse 42	Drill Hole Section (Lead + Zinc) 9040N (West)
TAI/dhnse 43	Drill Hole Section (Lead + Zinc) 9000N (West)
TAI/dhnse 44	Drill Hole Section (Lead + Zinc) 8920N (West)
TAI/dhnse 45	Drill Hole Section (Lead + Zinc) 8840N (West)
TAI/dhnse 46	Drill Hole Section (Lead + Zinc) 8760N (West)
TAI/dhnse 47	Drill Hole Section (Lead + Zinc) 8680N (West)
TAI/dhnse 48	Drill Hole Section (Lead + Zinc) 8600N (West)
TAI/dhnse 49	Drill Hole Section (Lead + Zinc) 8520N (West)
TAI/dhnse 50	Drill Hole Section (Lead + Zinc) 8440N (West)
TAI/dhnse 51	Drill Hole Section (Lead + Zinc) 8360N (West)
TAI/dhnse 52	Drill Hole Section (Lead + Zinc) 9040N (West +)

CONTENTS (Continued)

TAI/dhnse 53	Drill Hole Section (Lead + Zinc)	9000N (West +)
TAI/dhnse 54	Drill Hole Section (Lead + Zinc)	8760N (East)
TAI/dhnse 55	Drill Hole Section (Lead + Zinc)	8720N (East)
TAI/dhnse 56	Drill Hole Section (Lead + Zinc)	8680N (East)
TAI/dhnse 57	Drill Hole Section (Lead + Zinc)	8640N (East)
TAI/dhnse 58	Drill Hole Section (Lead + Zinc)	8600N (East)
TAI/dhnse 59	Drill Hole Section (Lead + Zinc)	8520N (East)
TAI/dhnse 60	Drill Hole Section (Lead + Zinc)	8440N (East)
TAI/dhnse 61	Drill Hole Section (Lead + Zinc)	8360N (East)
TAI/dhnse 62	Drill Hole Section (Lead + Zinc)	8360N (East +)

MOBILE HILL PROSPECT

VOLUME 9

GC 015	Soil Geochemistry - Gold
GC 016	Soil Geochemistry - Arsenic
GC 017	Soil Geochemistry - Copper
GC 018	Soil Geochemistry - Lead
GC 019	Soil Geochemistry - Zinc
GC 020	Soil Geochemistry - Silver

MOH/dhpse 99	Drill Hole Location Plan
--------------	--------------------------

MOH/dhnse 11	Drill Hole Section (Gold + Arsenic)	11280N
MOH/dhnse 12	Drill Hole Section (Lead + Zinc)	11280N
MOH/dhnse 13	Drill Hole Section (Gold + Arsenic)	11200N
MOH/dhnse 14	Drill Hole Section (Lead + Zinc)	11200N
MOH/dhnse 15	Drill Hole Section (Gold + Arsenic)	11120N
MOH/dhnse 16	Drill Hole Section (Lead + Zinc)	11120N
MOH/dhnse 17	Drill Hole Section (Gold + Arsenic)	11040N
MOH/dhnse 18	Drill Hole Section (Lead + Zinc)	11040N
MOH/dhnse 19	Drill Hole Section (Gold + Arsenic)	10960N
MOH/dhnse 20	Drill Hole Section (Lead + Zinc)	10960N
MOH/dhnse 21	Drill Hole Section (Gold + Arsenic)	10840N
MOH/dhnse 22	Drill Hole Section (Lead + Zinc)	10840N
MOH/dhnse 23	Drill Hole Section (Gold + Arsenic)	10800N
MOH/dhnse 24	Drill Hole Section (Lead + Zinc)	10800N
MOH/dhnse 25	Drill Hole Section (Gold + Arsenic)	10720N
MOH/dhnse 26	Drill Hole Section (Lead + Zinc)	10720N
MOH/dhnse 27	Drill Hole Section (Gold + Arsenic)	10640N
MOH/dhnse 28	Drill Hole Section (Lead + Zinc)	10640N

CONTENTS (Continued)

TUSKER CREEK, ADDER POOL, TIGER RISE AND TIGER SOUTH

VOLUME 10

GC 001	Soil Geochemistry - Gold
GC 002	Soil Geochemistry - Arsenic
GC 003	Soil Geochemistry - Copper
GC 004	Soil Geochemistry - Lead
GC 005	Soil Geochemistry - Zinc
GC 006	Soil Geochemistry - Silver

ADDTIG/dhpse 101 Drill Hole Location Plan

dhmse 21 (Addtiger)	Tusker Creek Drill Hole Section (Gold + Arsenic) 19040N
dhmse 22 (Addtiger)	Tusker Creek Drill Hole Section (Lead + Zinc) 19040N
dhmse 23 (Addtiger)	Tusker Creek Drill Hole Section (Gold + Arsenic) 19120N
dhmse 24 (Addtiger)	Tusker Creek Drill Hole Section (Lead + Zinc) 19120N
dhmse 25 (Addtiger)	Tusker Creek Drill Hole Section (Gold + Arsenic) 19200N
dhmse 26 (Addtiger)	Tusker Creek Drill Hole Section (Lead + Zinc) 19200N

VOLUME 11

dhmse 27 (Addtiger)	Tusker Creek Drill Hole Section (Gold + Arsenic) 8290E
dhmse 28 (Addtiger)	Tusker Creek Drill Hole Section (Lead + Zinc) 8290E
dhmse 29 (Addtiger)	Tiger Rise Drill Hole Section (Gold + Arsenic) 17960N
dhmse 30 (Addtiger)	Tiger Rise Drill Hole Section (Lead + Zinc) 17960N
dhmse 31 (Addtiger)	Tiger Rise Drill Hole Section (Gold + Arsenic) 17880N
dhmse 32 (Addtiger)	Tiger Rise Drill Hole Section (Lead + Zinc) 17880N
dhmse 33 (Addtiger)	Tiger Rise Drill Hole Section (Gold + Arsenic) 17800N
dhmse 34 (Addtiger)	Tiger Rise Drill Hole Section (Lead + Zinc) 17800N
dhmse 35 (Addtiger)	Tiger Rise Drill Hole Section (Gold + Arsenic) 17720N
dhmse 36 (Addtiger)	Tiger Rise Drill Hole Section (Lead + Zinc) 17720N
dhmse 37 (Addtiger)	Tiger Rise Drill Hole Section (Gold + Arsenic) 17680N
dhmse 38 (Addtiger)	Tiger Rise Drill Hole Section (Lead + Zinc) 17680N
dhmse 39 (Addtiger)	Tiger Rise Drill Hole Section (Gold + Arsenic) 17640N
dhmse 40 (Addtiger)	Tiger Rise Drill Hole Section (Lead + Zinc) 17640N
dhmse 41 (Addtiger)	Tiger Rise Drill Hole Section (Gold + Arsenic) 17560N
dhmse 42 (Addtiger)	Tiger Rise Drill Hole Section (Lead + Zinc) 17560N
dhmse 43 (Addtiger)	Tiger Rise Drill Hole Section (Gold + Arsenic) 17480N
dhmse 44 (Addtiger)	Tiger Rise Drill Hole Section (Lead + Zinc) 17480N
dhmse 45 (Addtiger)	Adder Pool Drill Hole Section (Gold + Arsenic) 17560N
dhmse 46 (Addtiger)	Adder Pool Drill Hole Section (Lead + Zinc) 17560N
dhmse 47 (Addtiger)	Adder Pool Drill Hole Section (Gold + Arsenic) 17440N
dhmse 48 (Addtiger)	Adder Pool Drill Hole Section (Lead + Zinc) 17440N

CONTENTS (Continued)

dhmse 49 (Addtiger) Tiger South Drill Hole Section (Gold + Arsenic) 16960N

dhmse 50 (Addtiger) Tiger South Drill Hole Section (Lead + Zinc) 16960N

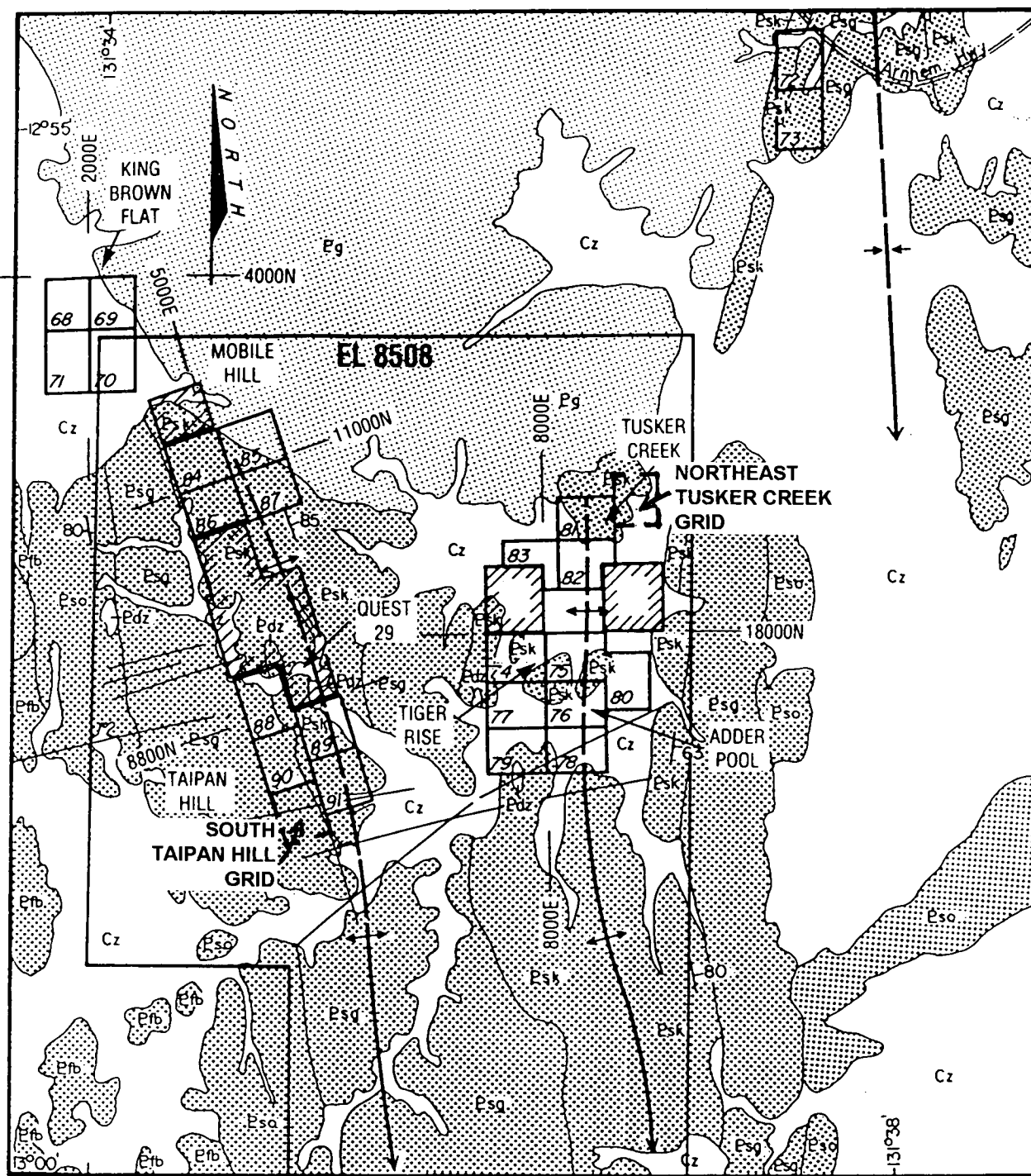
KING BROWN FLAT

VOLUME 12

GC 022	Soil Geochemistry - Gold
GC 023	Soil Geochemistry - Arsenic
GC 024	Soil Geochemistry - Copper
GC 025	Soil Geochemistry - Lead
GC 026	Soil Geochemistry - Zinc
GC 027	Soil Geochemistry - Silver

KBF/dhpse 97 Drill Hole Location Plan

KBF/dhmsc 11	Drill Hole Section (Gold + Arsenic) 3760N (West)
KBF/dhmsc 12	Drill Hole Section (Lead + Zinc) 3760N (West)
KBF/dhmsc 13	Drill Hole Section (Gold + Arsenic) 3760N (Central)
KBF/dhmsc 14	Drill Hole Section (Lead + Zinc) 3760N (Central)
KBF/dhmsc 15	Drill Hole Section (Gold + Arsenic) 3680N (Central)
KBF/dhmsc 16	Drill Hole Section (Lead + Zinc) 3680N (Central)
KBF/dhmsc 17	Drill Hole Section (Gold + Arsenic) 3680N (East)
KBF/dhmsc 18	Drill Hole Section (Lead + Zinc) 3680N (East)
KBF/dhmsc 19	Drill Hole Section (Gold + Arsenic) 3600N (Central)
KBF/dhmsc 20	Drill Hole Section (Lead + Zinc) 3600N (Central)
KBF/dhmsc 21	Drill Hole Section (Gold + Arsenic) 3600N (East)
KBF/dhmsc 22	Drill Hole Section (Lead + Zinc) 3600N (East)



REFERENCE

Cz Cainozoic cover

Pg Mount Bunday Granite

Pdz Zamu Dolerite

FINNISS RIVER GROUP

Pfb Burrell Creek Formation

SOUTH ALLIGATOR GROUP

Pso Mount Bonnie Formation

Psg Gerowie Tuff

Psk Koolpin Formation

Lineaments associated with Marrakai - Coirwong Flexure Zone

Syncline
Anticline } showing trend of plunge of axis

80 Strike and dip

80 Mineral claims held by Pinnacle Mining NL

Arnhem highway

EL 8508

Mining Leases (Kakadu Resources Ltd)

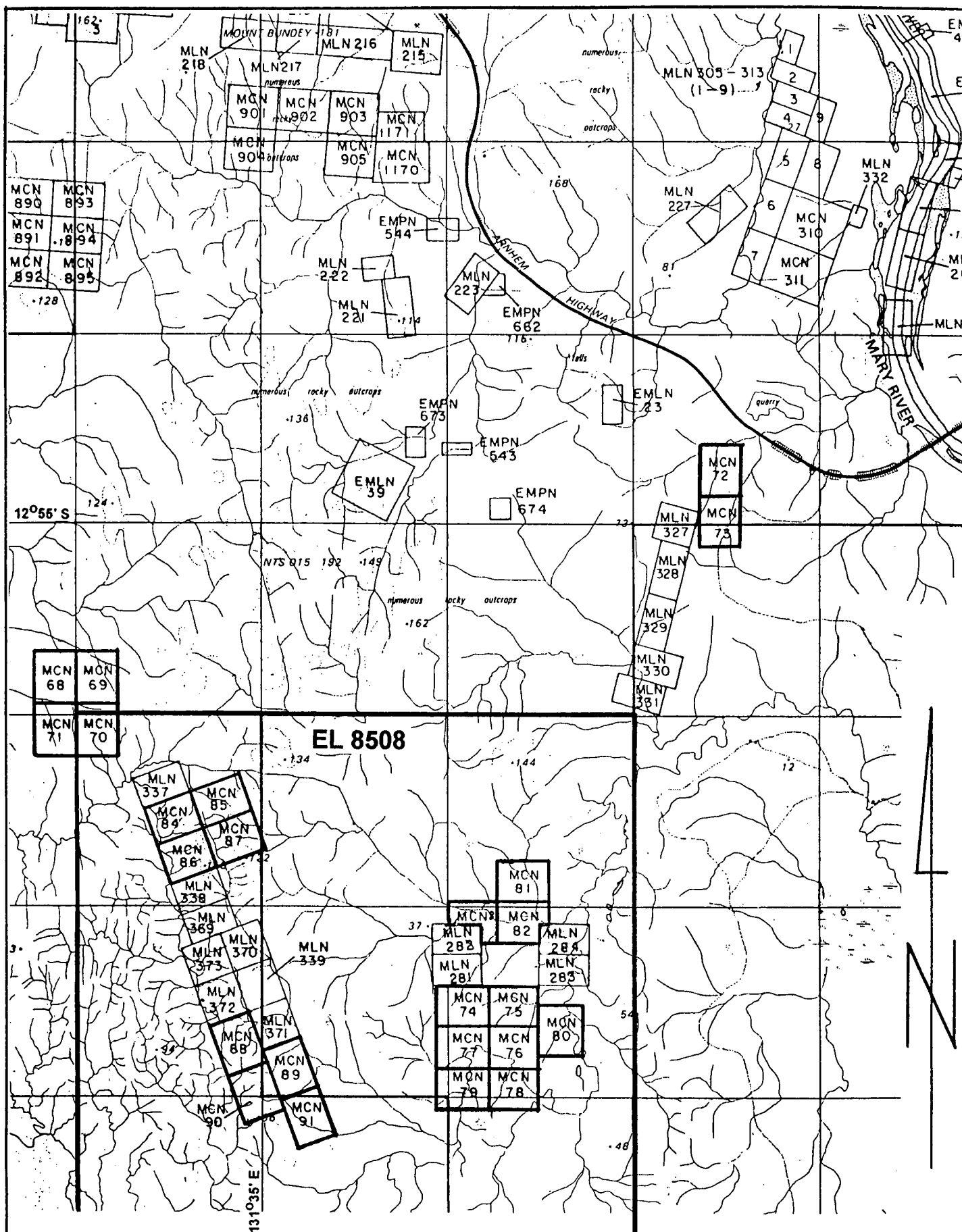
2000N Local Field Grid Reference

0 1 2 3 4 km

SCALE

MT BUNDEY PROJECT EL 8508 LOCALITY MAP

After BMR: Mary River - Point Stuart Sheet (SE of Darwin SD 52-4)



**PINNACLE MINING NL
MT BUNDEBY PROJECT
EL 8508
ACCESS MAP**

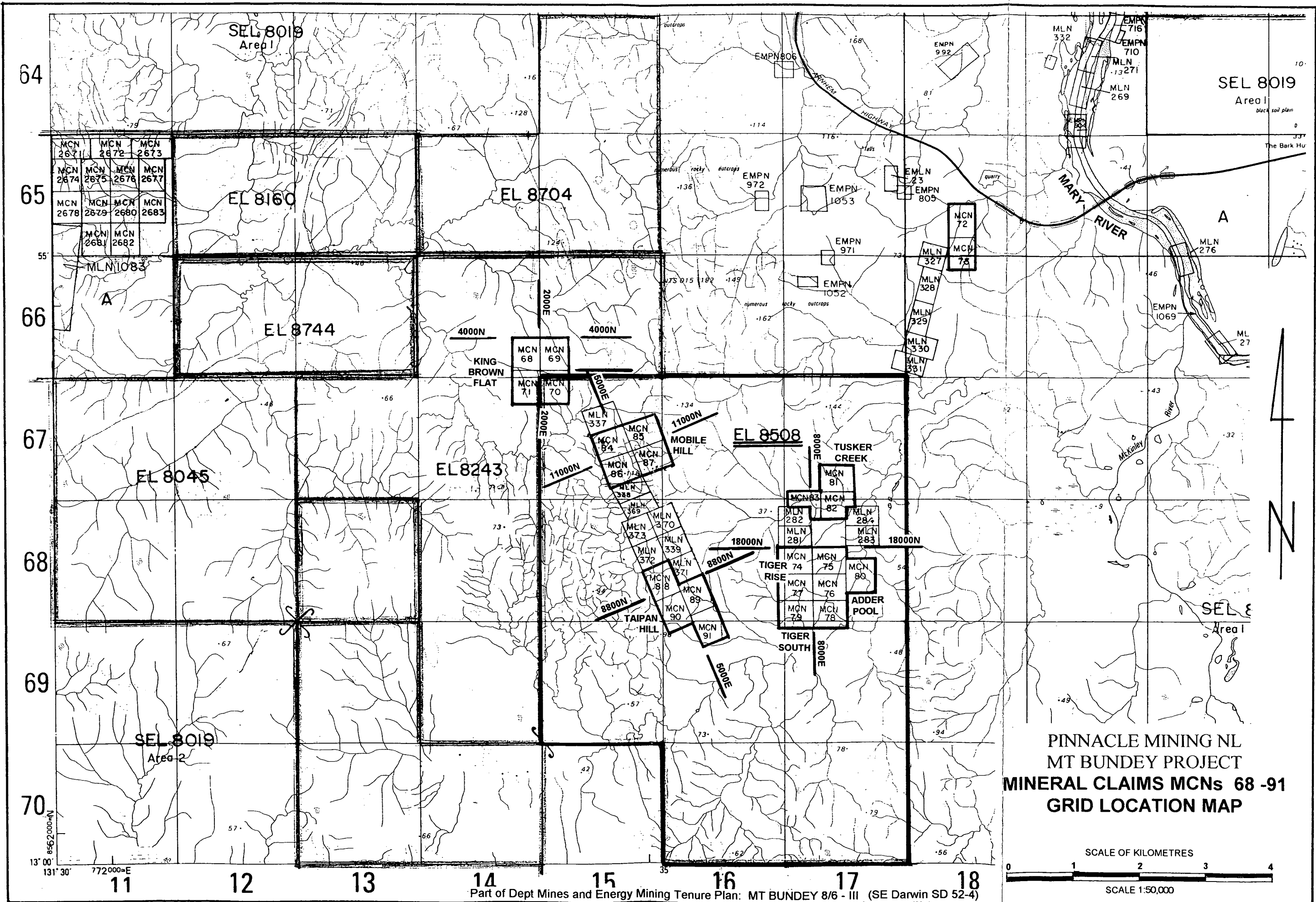


FIGURE 4

4480mE

4800mE

5120mE

5440mE

9280mN

9280mN

8960mN

8960mN

8640mN

8640mN

8320mN

8320mN

8000mN

8000mN

7680mN

7680mN

MLN 372
(KAKADU RESOURCES)

MLN 339
(KAKADU RESOURCES)

MLN 371
(KAKADU RESOURCES)

MCN 88

MCN 89

MCN 90

MCN 91

Contour lines drawn for .010, .020, .040, .080, .160, .320 ppm Gold.

Magnetic bearing of Grid North is 336 Degrees.



4480mE

4800mE

5120mE

Prepared by Vince Roberts & Associates Pty Ltd for:

**PINNACLE MINING NL
MT BUNDEY PROJECT
TAIPAN HILL PROSPECT**

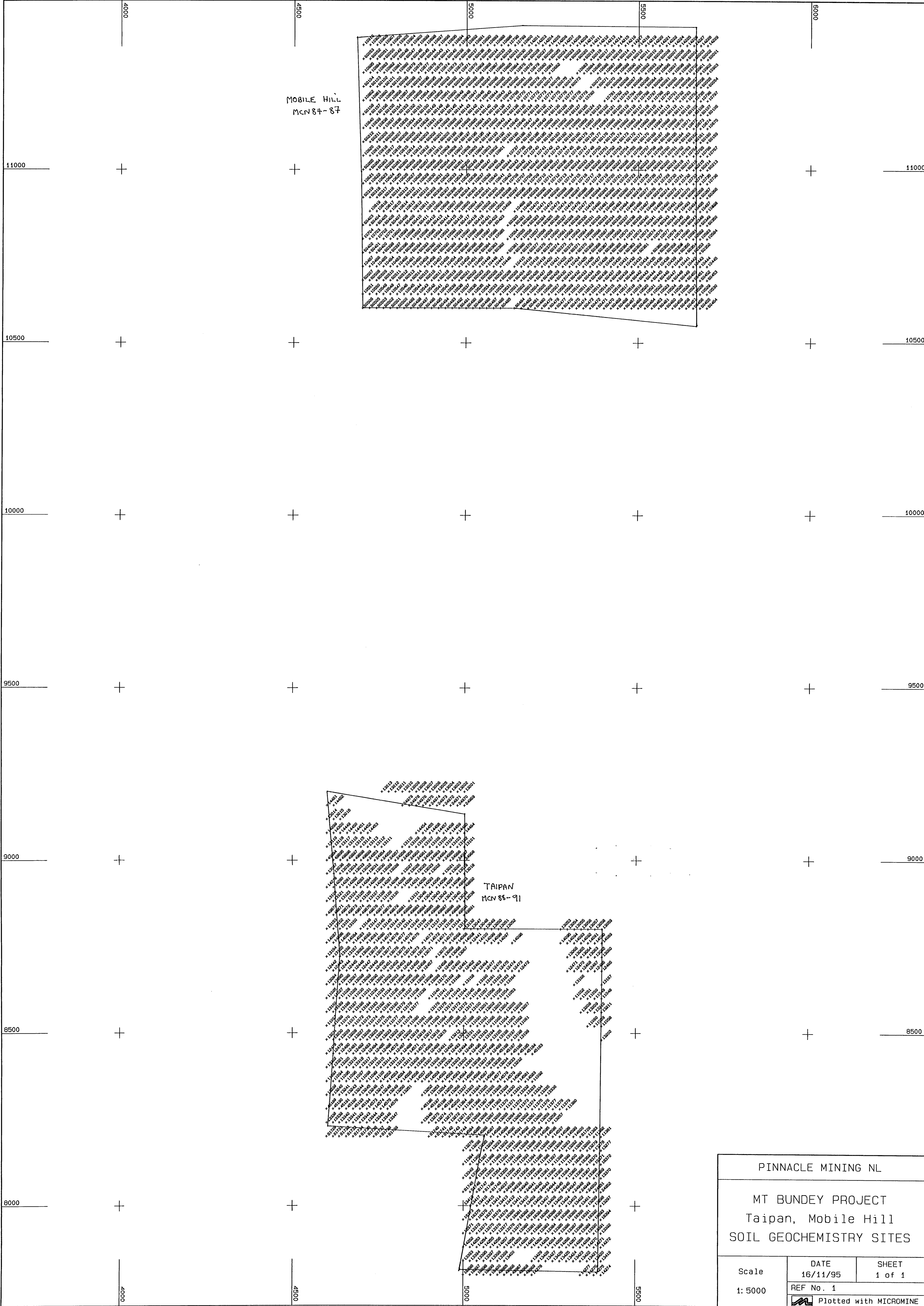
**SOIL GEOCHEMISTRY (1993-94)
GOLD (ppm)**

DRAWN: V T Roberts

DATE: June 1995

DWG: GC 008

CR 95 / 674 F 1



PINNACLE MINING NL

MT BUNDEY PROJECT
Taipan, Mobile Hill
SOIL GEOCHEMISTRY SITES

Scale

1: 5000

DATE

16/11/95

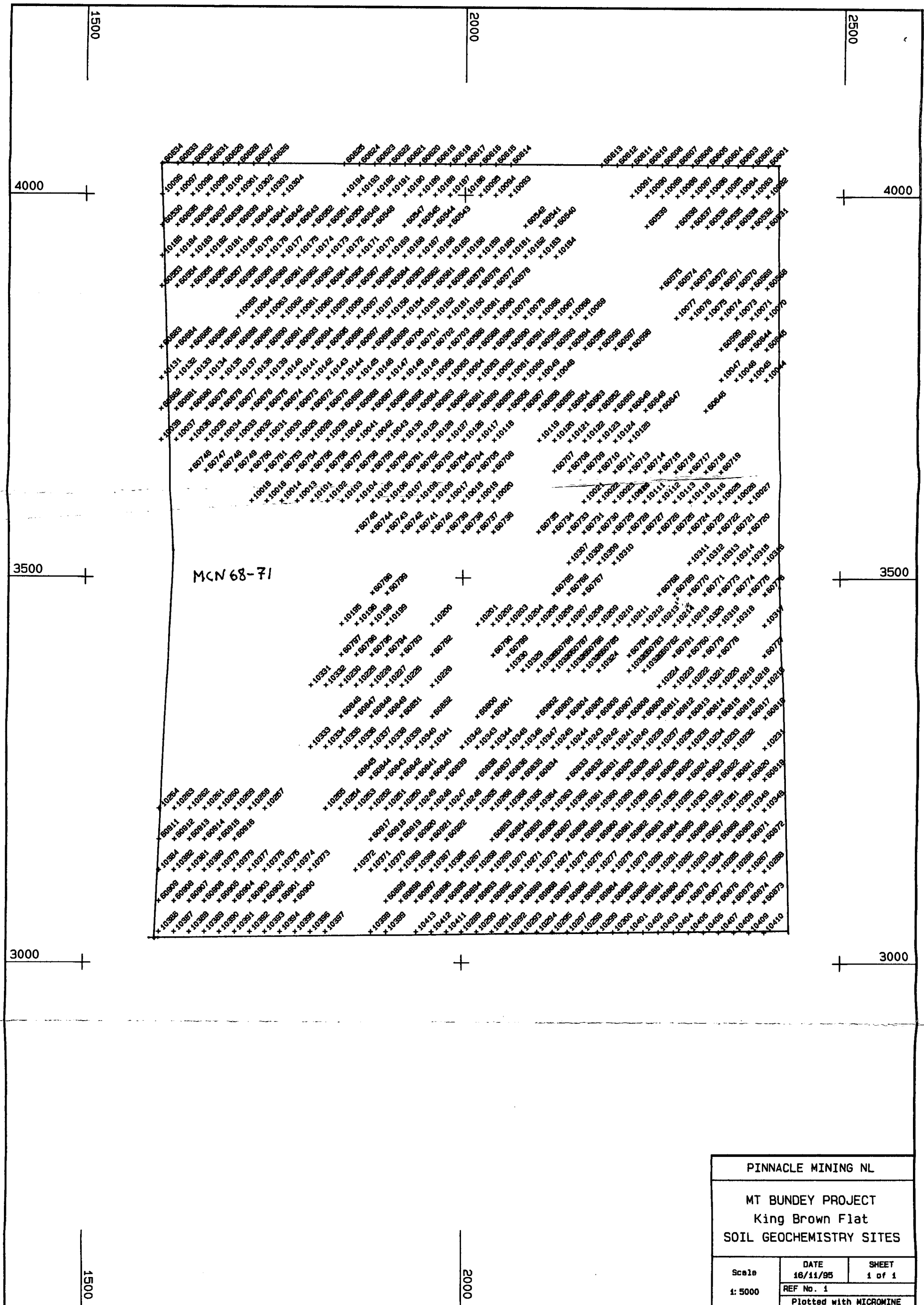
SHEET

1 of 1

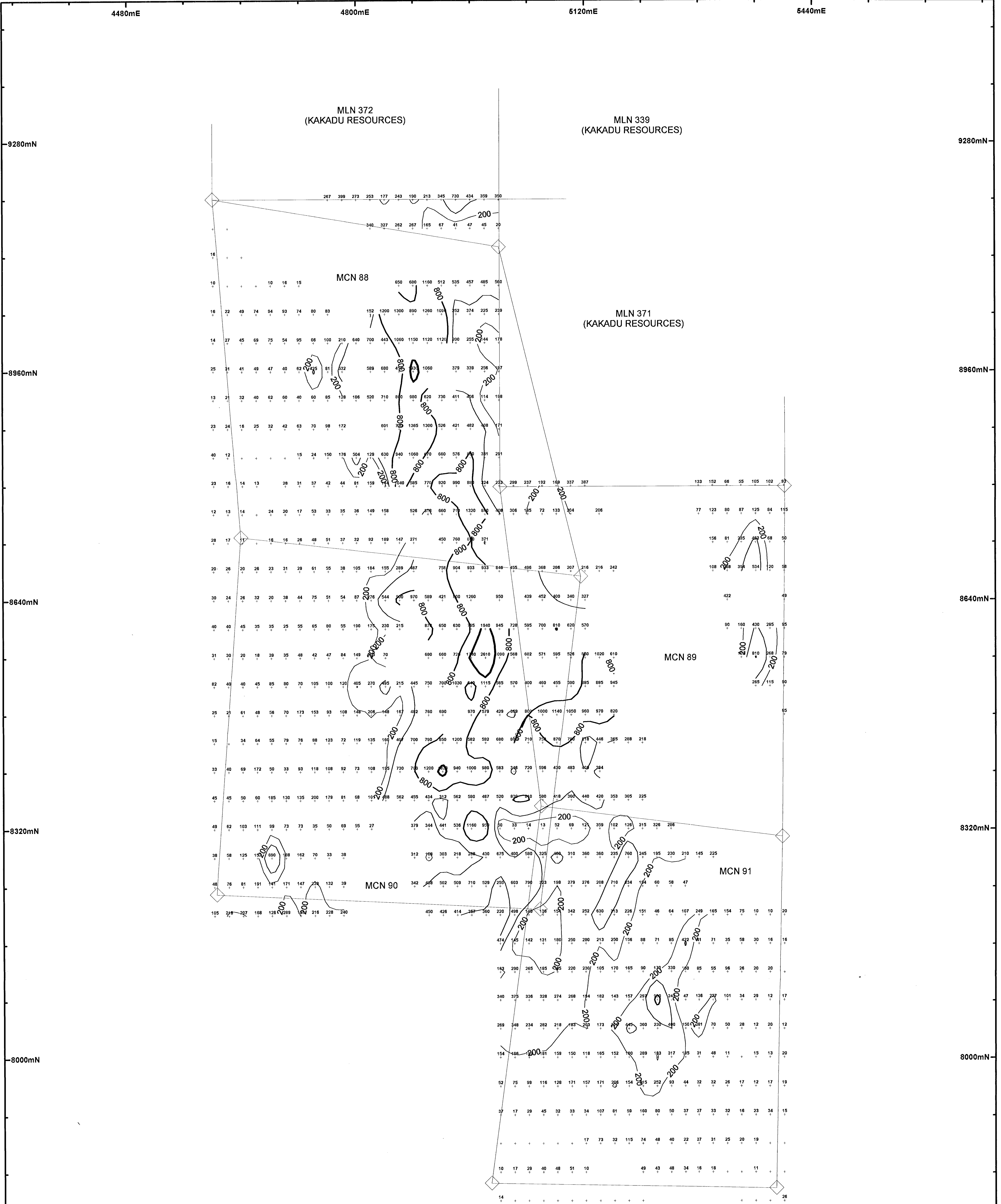
REF No. 1



Plotted with MICROMINE



PINNACLE MINING NL		
MT BUNDEY PROJECT		
King Brown Flat		
SOIL GEOCHEMISTRY SITES		
Scale 1: 5000	DATE 16/11/95	SHEET 1 of 1
	REF No. 1	
	Plotted with MICROMINE	



Contour lines drawn for 200, 400, 800, 1600 ppm Arsenic.
Magnetic bearing of Grid North is 336 Degrees.

Prepared by Vince Roberts & Associates Pty Ltd for:
PINNACLE MINING NL
MT BUNDEY PROJECT
TAIPAN HILL PROSPECT
SOIL GEOCHEMISTRY (1993-94)
ARSENIC (ppm)
DRAWN: V T Roberts
DATE: June 1995
DWG: GC 009

CR 95 / 674 F

4480mE

4800mE

5120mE

5440mE

9280mN

9280mN

8960mN

8960mN

8640mN

8640mN

8320mN

8320mN

8000mN

8000mN

7680mN

7680mN

MLN 372
(KAKADU RESOURCES)MLN 339
(KAKADU RESOURCES)MLN 371
(KAKADU RESOURCES)

MCN 88

MCN 89

MCN 90

MCN 91

Contour lines drawn for 20, 40, 80, 160 ppm Copper.

Magnetic bearing of Grid North is 336 Degrees.

DRAWN: V T Roberts

DATE: June 1995

0m 40m 80m 120m 160m

4480mE

4800mE

5120mE

**PINNACLE MINING NL
MT BUNDEY PROJECT
TAIPAN HILL PROSPECT**

SOIL GEOCHEMISTRY (1993-94)

COPPER (ppm)**DWG: GC 010**

CR 95 / 674 F 1

4480mE

4800mE

6120mE

6440mE

9280mN

9280mN

8960mN

8960mN

8640mN

8640mN

8320mN

8320mN

8000mN

8000mN

7680mN

7680mN

MLN 372
(KAKADU RESOURCES)

MLN 339
(KAKADU RESOURCES)

MLN 371
(KAKADU RESOURCES)

MCN 88

MCN 89

MCN 90

MCN 91

Contour lines drawn for 100, 200, 400, 800, 1600, 3200 ppm Lead.

Magnetic bearing of Grid North is 336 Degrees.



4480mE

4800mE

6120mE

Prepared by Vince Roberts & Associates Pty Ltd for:

**PINNACLE MINING NL
MT BUNDEY PROJECT
TAIPAN HILL PROSPECT**

SOIL GEOCHEMISTRY (1993-94)

LEAD (ppm)

DRAWN: V T Roberts

DATE: June 1995

DWG: GC 011

CR 95 / 674 F

4480mE

4800mE

5120mE

5440mE

9280mN

9280mN

8960mN

8960mN

8640mN

8640mN

8320mN

8320mN

8000mN

8000mN

7680mN

7680mN

MLN 372
(KAKADU RESOURCES)

MLN 339
(KAKADU RESOURCES)

MLN 371
(KAKADU RESOURCES)

MCN 88

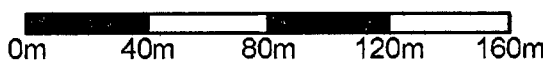
MCN 89

MCN 90

MCN 91

Contour lines drawn for 100, 200, 400, 800, 1600 ppm Zinc.

Magnetic bearing of Grid North is 336 Degrees.



4480mE

4800mE

5120mE

Prepared by Vince Roberts & Associates Pty Ltd for:

**PINNACLE MINING NL
MT BUNDEY PROJECT
TAIPAN HILL PROSPECT**

**SOIL GEOCHEMISTRY (1993-94)
ZINC (ppm)**

DRAWN: V T Roberts

DATE: June 1995

DWG: GC 012

CR95/674F

4480mE

4800mE

5120mE

5440mE

9280mN

9280mN

8960mN

8960mN

8640mN

8640mN

8320mN

8320mN

8000mN

8000mN

7680mN

7680mN

MLN 372
(KAKADU RESOURCES)

MLN 339
(KAKADU RESOURCES)

MLN 371
(KAKADU RESOURCES)

MCN 88

MCN 89

MCN 90

MCN 91

Contour lines drawn for 0.4, 0.8, 0.12 ppm Silver.

Magnetic bearing of Grid North is 336 Degrees.

0m 40m 80m 120m 160m

4480mE

4800mE

5120mE

Prepared by Vince Roberts & Associates Pty Ltd for:

**PINNACLE MINING NL
MT BUNDEY PROJECT
TAIPAN HILL PROSPECT**

SOIL GEOCHEMISTRY (1993-94)

SILVER (ppm)

CR 95 / 674 F

DWG: GC 013

DRAWN: V T Roberts

DATE: June 1995

