

YEARLY REPORT FOR E.L. 17/91 - MATHINNA
FOR 1992/93

MICROFILMED
FICHE No. 013131-

OPEN FILE

93-3436.

| MINES | | |
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| FILE REF. EL17/91 | | |
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| OFFICER | FOR ACTION | FOR INFO. |
| See folio 35 | | |
| for covering | | |
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| RESUBMIT TO | DATE | |

YEARLY REPORT FOR E.L. 17/91 - MATHINNA

FOR 1992/93

Prepared by Alex White

AMG REFERENCE POINTS ADDED

INTRODUCTION

The exploration program for E.L. 17/91 for 1992/93 involved preliminary work in three areas. These being alluvial deposits, hardrock potential and battery sands.

ALLUVIAL DEPOSITS

From initial dish sampling in the watercourses of Black Horse and Long Gullys, areas of potential alluvial mineralization were delineated (Refer to Figure 2.) The combined area of these alluvial deposits amounts to 1.6km². The results obtained indicates that bulk sampling would be required to establish a resource amenable to paddock mining methods. In addition a considerable amount of time has been spent assessing previous literature on alluvial deposits within the E.L. with a view to combine these areas into a large volume-low grade potential alluvial resource.

HARD ROCK POTENTIAL

Reconnaissance work by a consultant Geologist has outlined a number of prospective sites for future intensive field mapping. The outcrops present in these areas are closely associated with historical hard rock deposits and once producing mines. It is highly likely that some of these deposits have tonnages of a minable quantity.

BATTERY SANDS

Considerable effort has been put into collating data on tonnage and grade information on battery sand deposits within the E.L. The intention of this research is to seek additional tonnage to supplement the resource already existing at The Golden Gate sands at Mathinna.

Additional tonnage has been estimated at a total of four battery sand deposits. The volume of sands from these deposits totals 15 000t averaging a little over 1g/t. The results of 21 samples are tabulated in Appendix 2.



Plate 1 - Samples being obtained by hand drilling.

PROPOSED FURTHER WORK

The proposed work program for E.L. 17/91 for 1992/93 entails:

1. Bulk sampling of alluvial deposits at Blackhorse Gully to the West of Mathinna to establish cutoff grades for a large volume-low grade mining proposition.
2. Field mapping and rock chip/soil sampling program in prospective hard rock areas, particularly concentrating on a lineal feature from the Horseshoe in the South through to the Golden Hinges in the North.

APPENDIX 1. - Expenditure on E.L. 17/91 for the 1992/93 year.

| | |
|---|---------|
| 6 monthly Interim Report..... | \$ 2393 |
| Literature search on battery sands..... | \$ 600 |
| Geology consultant - 6 days @ \$ 200/day..... | \$ 1200 |
| Sample collection and preparation..... | \$ 560 |
| Analytical costs..... | \$ 366 |
| Report preparation and miscellaneous..... | \$ 232 |
| TOTAL | \$ 5351 |

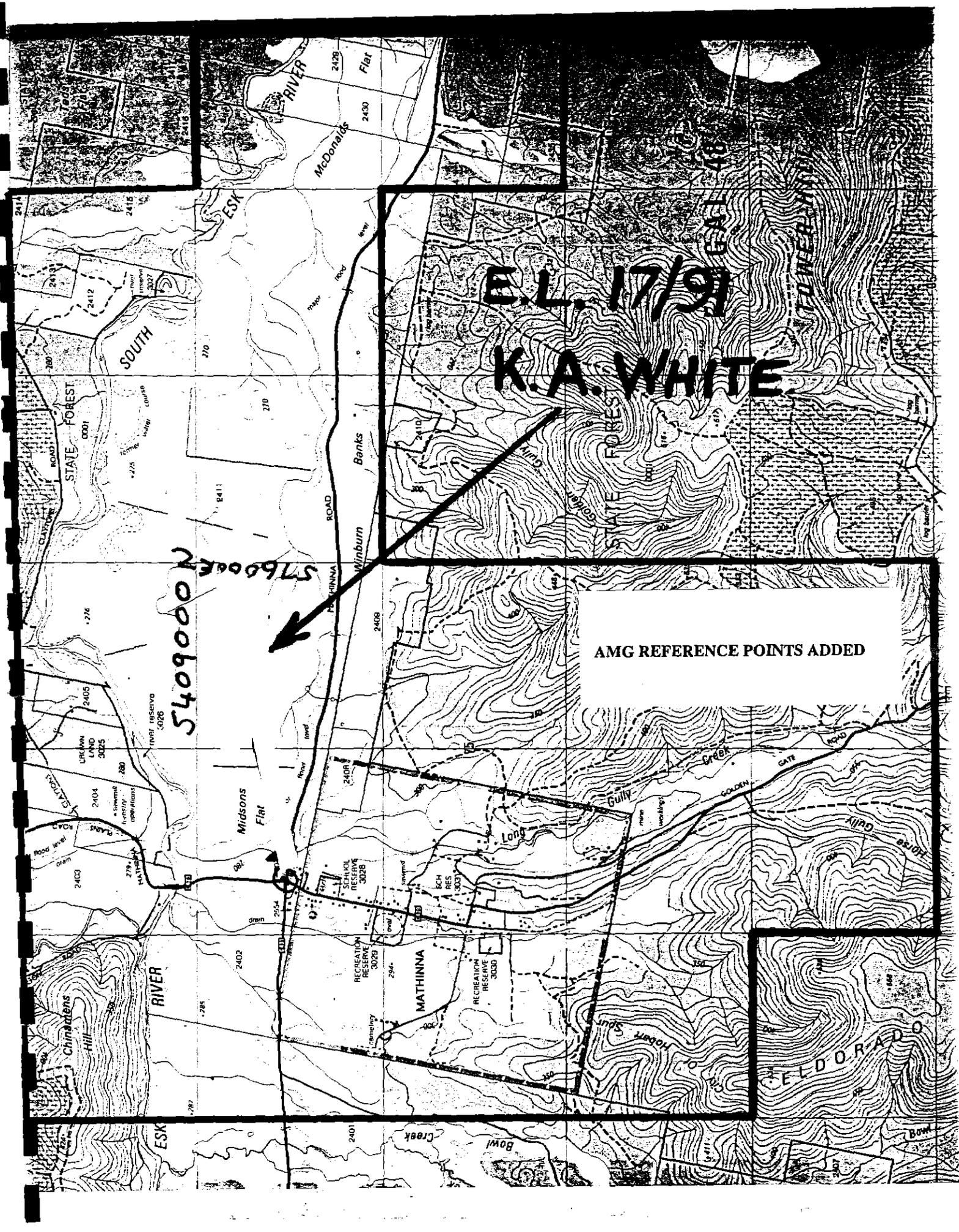
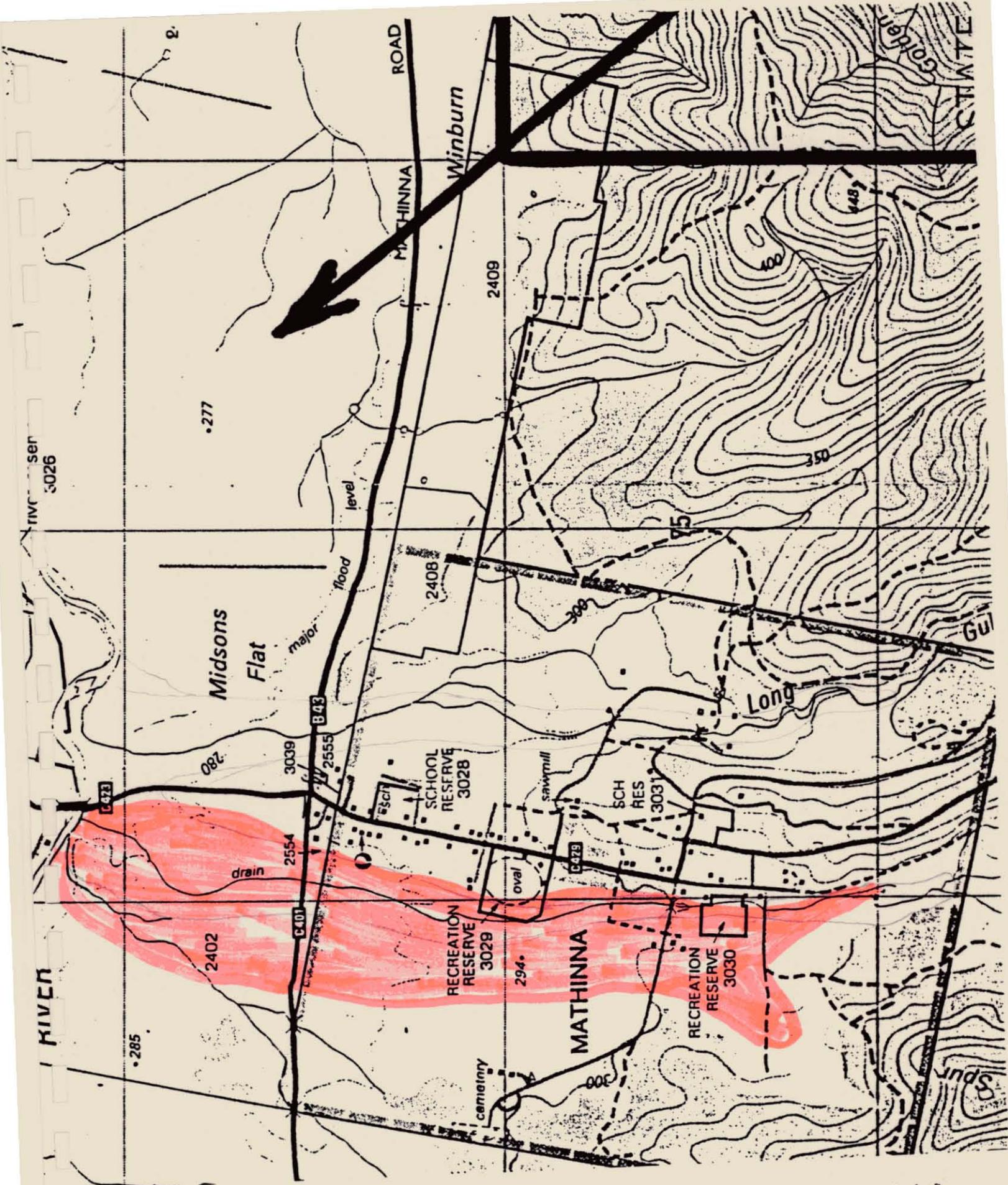


Figure 1. - Overview of E.L. 17/91



015010

Figure 2. - Areas of potential alluvial mineralization



ANALABSA Division of Inchcape Testing Services (Australia) Pty. Ltd.
A.C.N. 004 591 664**ANALYTICAL DATA**

SAMPLE PREFIX

REPORT No.

REPORT DATE

CLIENT ORDER No.

PAGE

103300.60.09274

18/02/93

1 OF 1

| TUBE No. | SAMPLE No. | Au | Au (R) | Au (S) | | | | | | |
|----------|------------|-------|--------|--------|--|--|--|--|--|--|
| 1 | A1 | 2.860 | - | - | | | | | | |
| 2 | A2 | 0.415 | - | - | | | | | | |
| 3 | A3 | 1.450 | - | - | | | | | | |
| 4 | A4 | 0.383 | - | - | | | | | | |
| 5 | A5 | 0.873 | - | - | | | | | | |
| 6 | A6 | 0.793 | - | - | | | | | | |
| 7 | A7 | 0.752 | - | - | | | | | | |
| 8 | A8 | 1.480 | - | - | | | | | | |
| 9 | A9 | 0.961 | - | - | | | | | | |
| 10 | A10 | 0.889 | - | - | | | | | | |
| 11 | A11 | 1.390 | 1.370 | - | | | | | | |
| 12 | B1 | 0.617 | 0.608 | - | | | | | | |
| 13 | B2 | 0.968 | - | - | | | | | | |
| 14 | B3 | 0.099 | - | 0.089 | | | | | | |
| 15 | B4 | 0.159 | - | - | | | | | | |
| 16 | B5 | 0.517 | - | - | | | | | | |
| 17 | B6 | 1.020 | - | - | | | | | | |
| 18 | B7 | 1.070 | - | - | | | | | | |
| 19 | B8 | 1.020 | - | - | | | | | | |
| 20 | B9 | 1.170 | - | - | | | | | | |
| 21 | B10 | 0.567 | - | 0.517 | | | | | | |
| 22 | | | | | | | | | | |
| 23 | DETECTION | 0.008 | 0.008 | 0.008 | | | | | | |
| 24 | UNITS | ppm | ppm | pm | | | | | | |
| 25 | METHOD | GG309 | GG309 | GG309 | | | | | | |

Results in ppm unless otherwise specified

AUTHORISED
OFFICER

Appendix 2. - Sand dump sample assays