FINAL REPORT
EL 7085
MT GOYDER, NT

TENEMENTS:	EL 7085
TENEMENT HOLDER:	SONS OF GWALIA NL
OPERATOR:	SONS OF GWALIA NL 16 Parliament Place WEST PERTH WA 6005
PREPARED BY:	..... J F BRIGDEN
AUTHORISED BY:	..... J F BRIGDEN
DATE:	20 JANUARY 1992
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REPORT NO:	92.008

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1.0 INTRODUCTION

The tenements are located approximately 100 km ESE of Darwin. Access is via the Arnhem Highway.

EL 7085 was granted on the 26/11/90. The area granted was 24 sub-blocks (74.4 sq km) and had an annual covenant of $22,000.

EL 7159 was granted on the 11/2/91. The area granted was 31 sub-blocks (96.1 sq km) and had an annual covenant of $30,000.

Both EL's were surrendered on th 11/11/91.

Initially the target of exploration was epigenetic, structurally controlled gold mineralisation, but as literature reviews showed, this model had been tested adequately by previous explorers in the area. The exploration was switched to epigenetic, base-metal mineralisation (Woodcutter's style) within anticlinal closures in Wildman Siltstone Formation country-rock.

2.0 GEOLOGY

Geology within the licence areas comprises clastic and fluviatile sediments of the Mundogie Sandstones overlain by carbonaceous shales, siltstones, dolomitic shales and intercalated tuffs and andesitic volcanic horizons of the Wildman Siltstone Formation. These rocks which comprise the Mt Partridge Group, are unconformably overlain by the South Aligator Group.

Of the South Aligator Group units, the Koolpin Formation comprises ferruginous shales with pyrite and pyrhhotite lenses. These in-turn are overlain by the Gerowie Tuff comprising laminated cherts, tuffs and siltstones.

The country-rock has experienced major folding in moderate to tightly folded, shallow south plunging sequences.

Strike-slip faulting occurs along the axial surfaces generally in the vicinity of the fold hinge zones. Later NE striking cross-faults are evident. The Mt Goyder Syenite intrudes in the western portion of the licence areas.

3.0 PREVIOUS EXPLORATION

Previous exploration is outlined below, and involved both base-metal and gold exploration.

1973 - 1977	Geopeko (EL 142) base-metal.
1977 - 1982	CRAE base-metals.
1979 - 1982	A.C. Howe International (EL's 1653, 1654, 1655) base-metals/gold.
1987 - 1990	Newmont Holdings (EL's 4703, 5008, 6227, 6582) gold.

4.0 EXPLORATION

Following literature reviews, airphoto interpretation and reconnaissance mapping, exploration was geared to testing for Woodcutter's-style base-metal mineralisation within the pyritic/dolomitic carbonaceous members of the Wildman Siltstone Formation. Targeting was about a major strike-slip fault coincident with a prominent anticlinal axis.

This target area lay within both the Mt Goyder and Annaburro EL's (see Figure 1).

A grid was established using topofil and compass, the base line of which was at 11° magnetic. Cross lines were laid out at 1000 metres east and west of the base line every 600 metres.

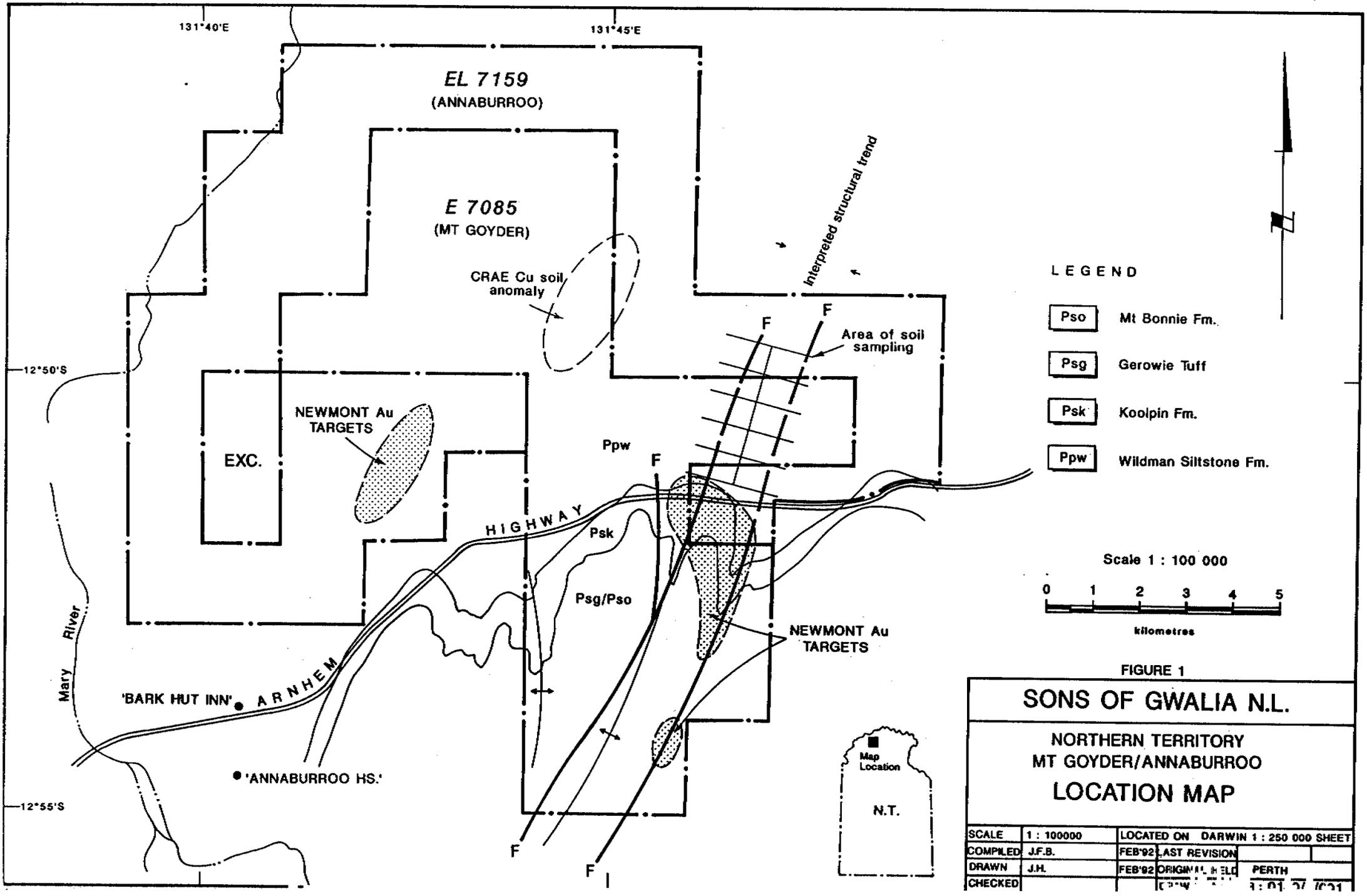

FIGURE 1

SONS OF GWALIA N.L.

NORTHERN TERRITORY
MT GOYDER/ANNABURROO
LOCATION MAP

SCALE	1 : 100000	LOCATED ON	DARWIN 1 : 250 000 SHEET
COMPILED	J.F.B.	FEB'92	LAST REVISION
DRAWN	J.H.	FEB'92	ORIGINAL FIELD PERTH
CHECKED			DRAWN

A -80# soil sample was taken every 25 metres along the cross lines at between 10 to 30 cm depth. The samples were assayed for Cu, Pb and Zn using AAS and Au using a carbon rod finish.

Results of the soil sampling are shown on Figures 2 to 8, and results are given in Appendix 1.

5.0 CONCLUSIONS AND RECOMMENDATIONS

Work by previous explorers (particularly Newmont Holdings) have extensively covered the licence areas in search of gold.

Results of the soil geochemistry identify elevated Cu/Pb/Zn values that appear to be stratigraphically related to tuffaceous units within the Wildman Siltstone Formation.

Element signatures across each profile fail to highlight any indication of potential for significant near surface base-metal mineralisation.

It was recommended to drop the licenses and this was executed on the 11/11/91.

* * * *

9 000mE
10 000mE
11 000mE
13 000mN
12 000mN
11 000mN
10 000mN

MAG. NORTH
GRID NORTH
11°

EL 7159
EL 7085
(MT GOYDER)

EL 7159
(ANNABURROO)

Cz
Czl
Czl/Ppw
Qa
Ppw ph
Ppw tu
Ppw gw

Scale 1 :10 000

0 200 400
metres

FIGURE 2

LEGEND

Qa	Alluvium	ph	Phyllites
Cz	Silts/ lateritised gravels	gw	Greywacke
Czl	Laterite	tu	Tuffs
Ppw	Wildman Siltstone Fm.		

Map Location
N.T.

SONS OF GWALIA N.L.

NORTHERN TERRITORY
MT GOYDER/ANNABURROO

OUTCROP GEOLOGY

SCALE	1 : 10000	LOCATED ON	DARWIN	1 : 250 000 SHEET
COMPILED	J.F.B.	FEB'92	LAST REVISION	
DRAWN	J.H.	FEB'92	ORIGINAL HELD	PERTH
CHECKED			DRAWING NUMBER :	0180/3/001

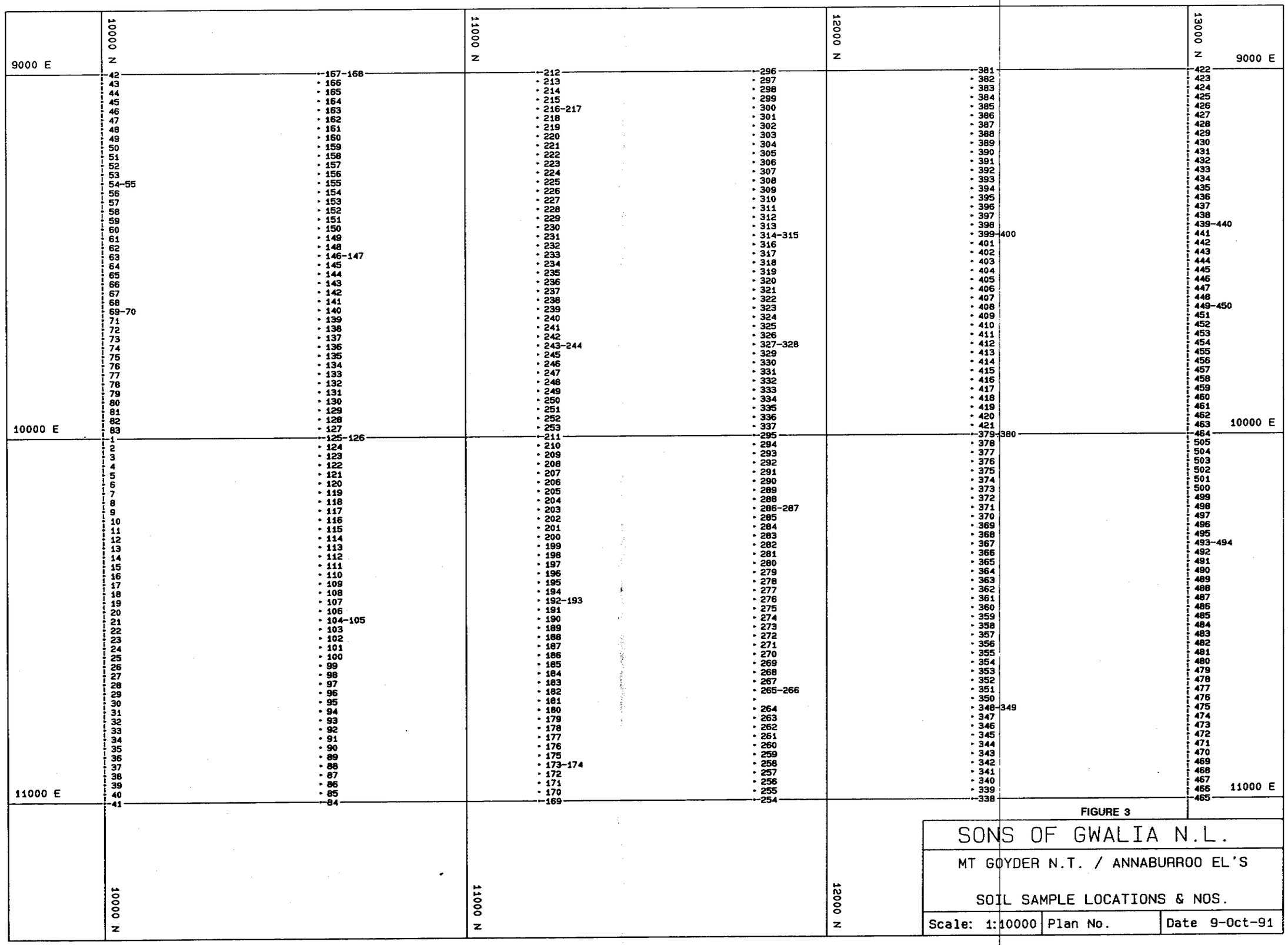

FIGURE 3

SONS OF GWALIA N.L.

MT GOYDER N.T. / ANNABURROO EL'S

SOIL SAMPLE LOCATIONS & NOS.

Scale: 1:10000 | Plan No. | Date 9-Oct-91

GUYA.HH

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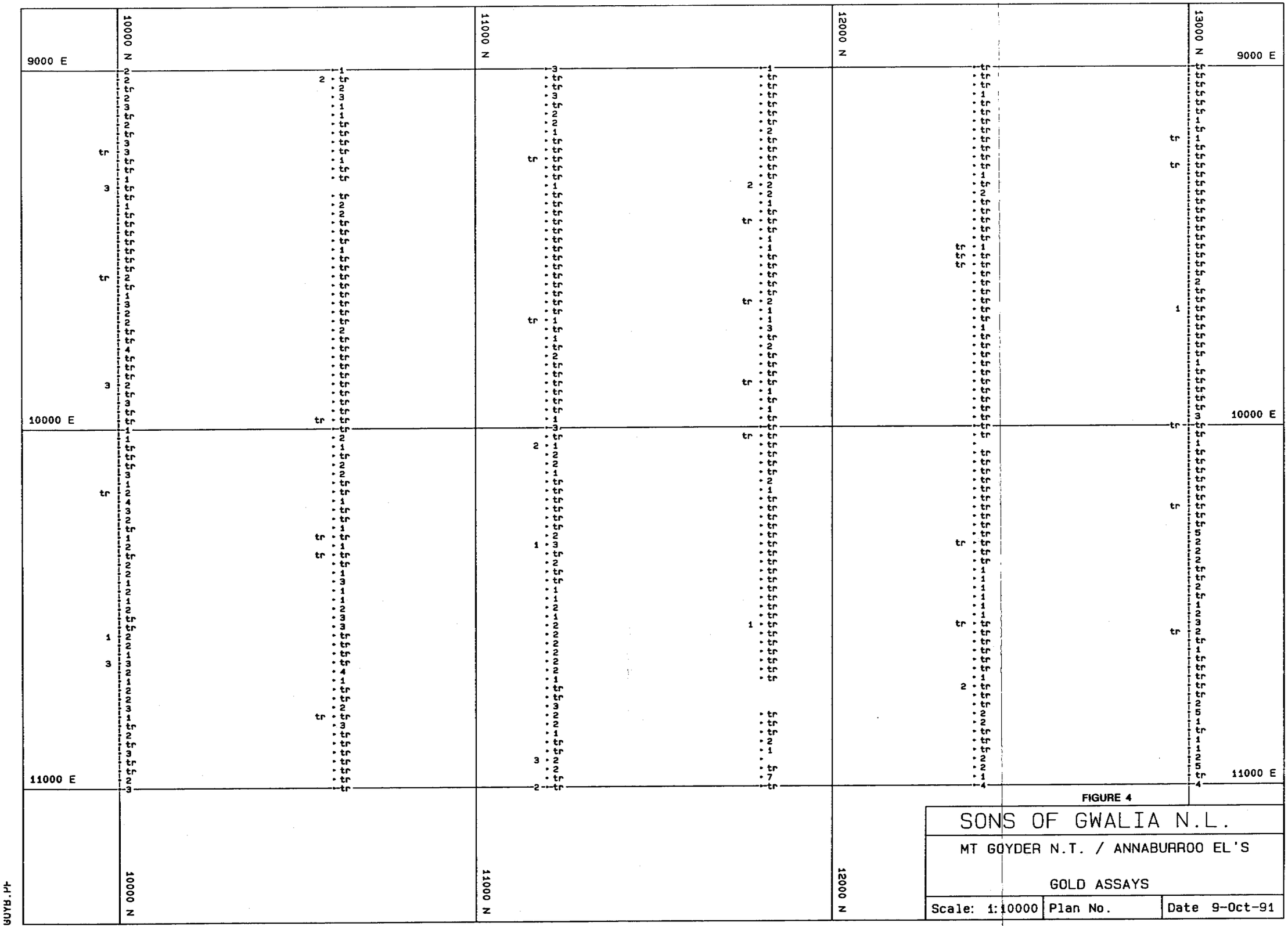

FIGURE 4

SONS OF GWALIA N.L.

MT GOYDER N.T. / ANNABURROO EL'S

GOLD ASSAYS

Scale: 1:10000	Plan No.	Date 9-Oct-91

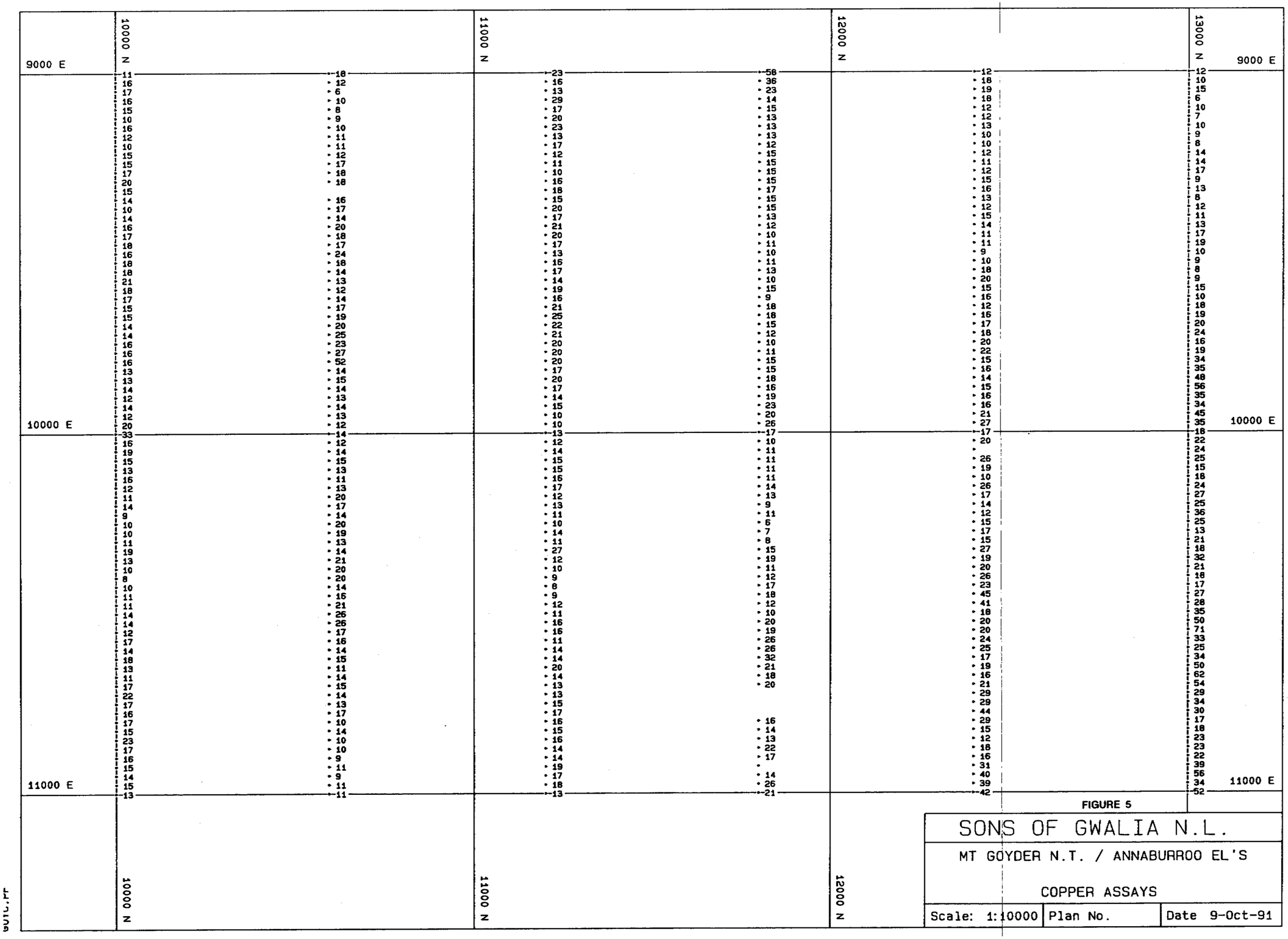

FIGURE 5

SONS OF GWALIA N.L.		
MT GOYDER N.T. / ANNABURROO EL'S		
COPPER ASSAYS		
Scale: 1:10000	Plan No.	Date 9-Oct-91

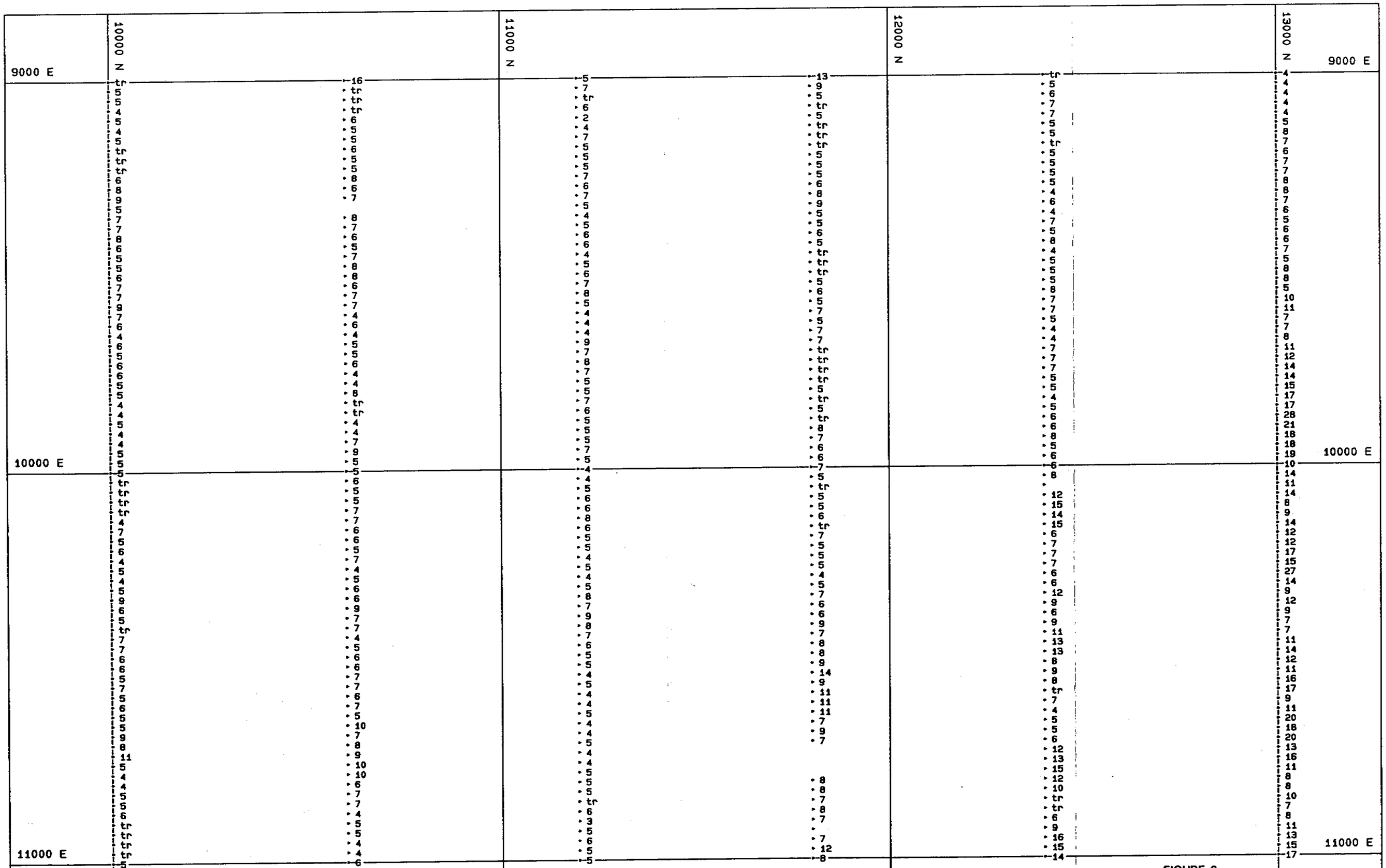

FIGURE 6

SONS OF GWALIA N.L.

MT GOYDER N.T. / ANNABURROO EL'S

LEAD ASSAYS

Scale: 1:10000	Plan No.	Date 9-Oct-91

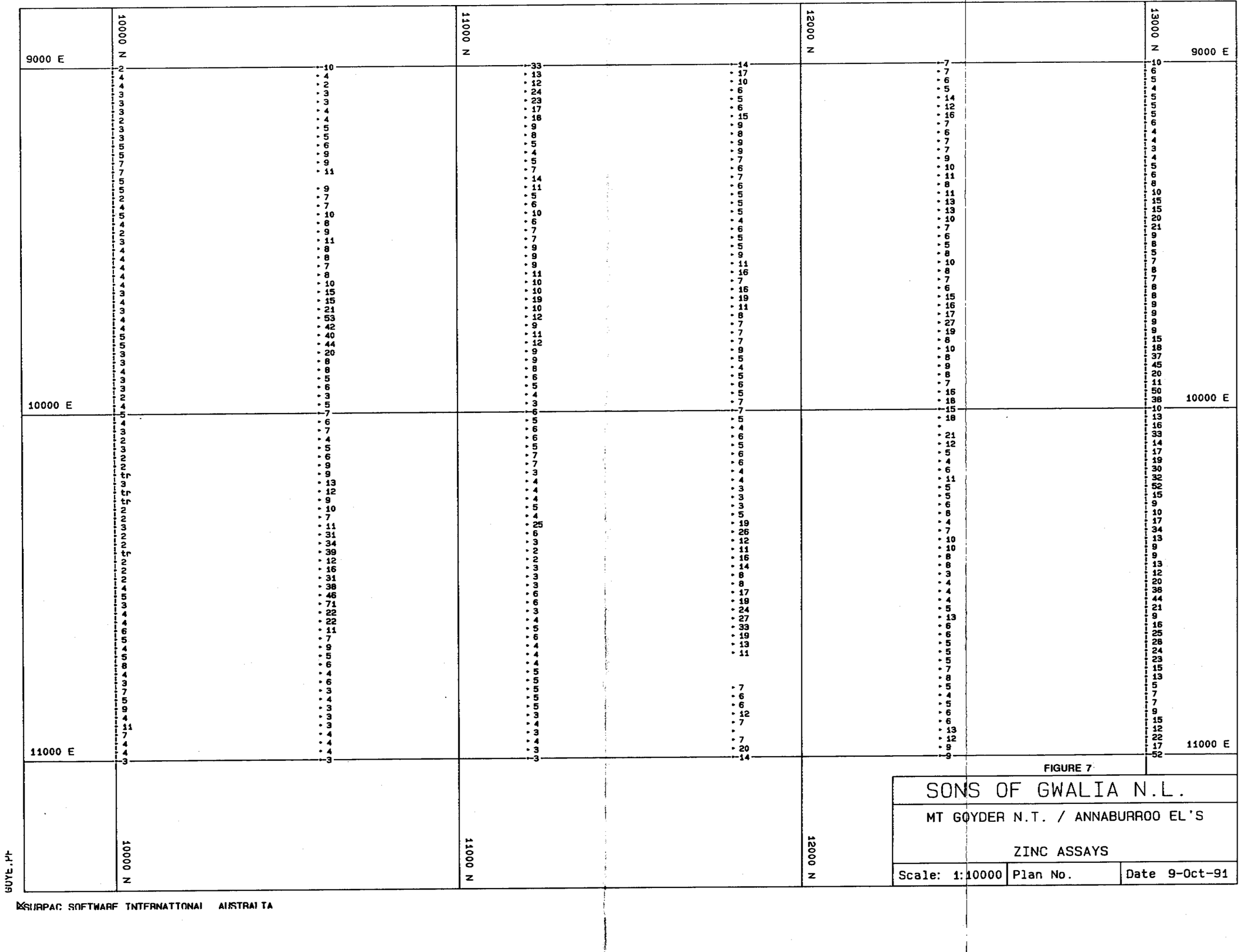

FIGURE 7

SONS OF GWALIA N.L.

MT GOYDER N.T. / ANNABURROO EL'S

ZINC ASSAYS

Scale: 1:10000	Plan No.	Date 9-Oct-91

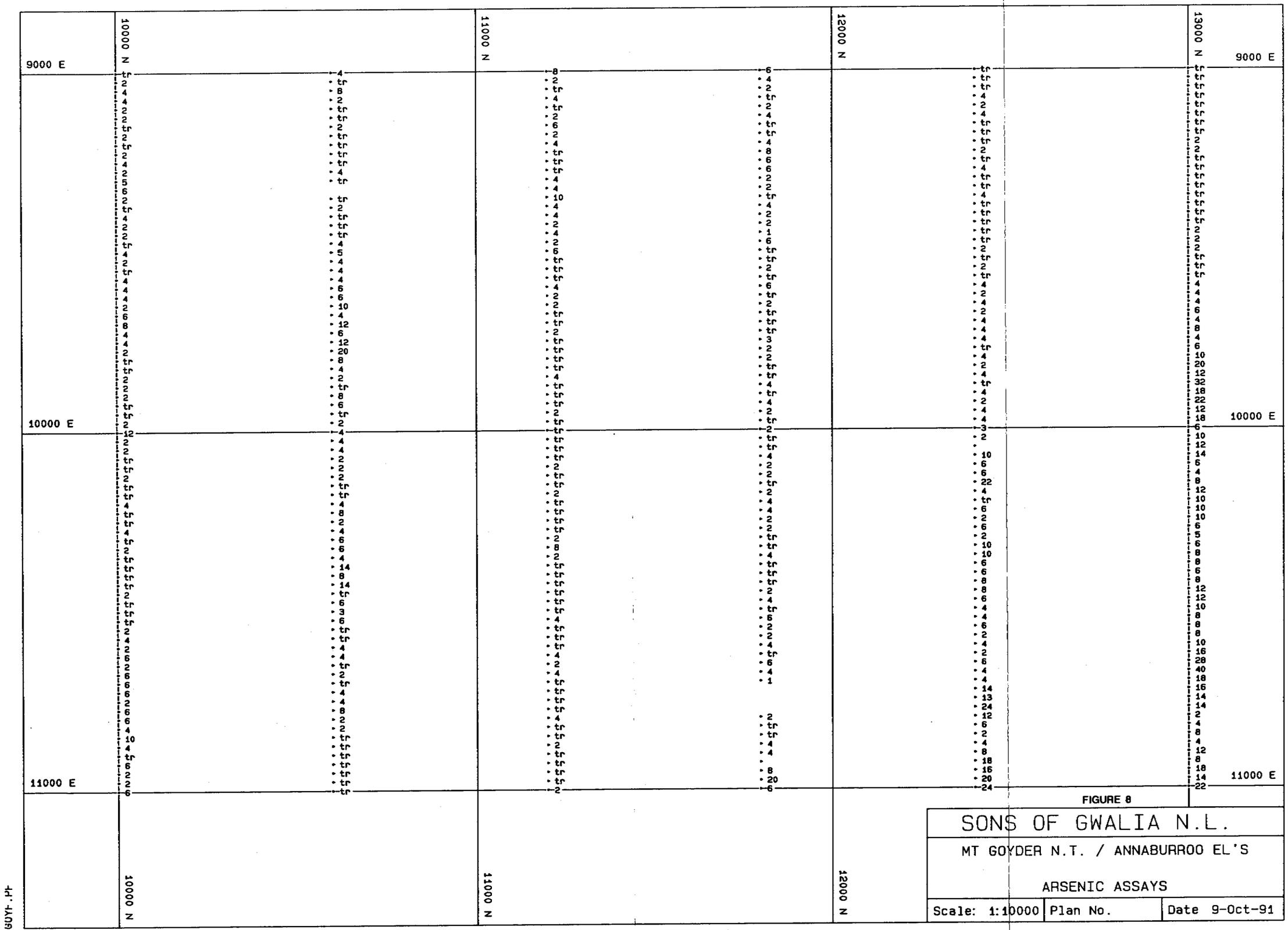

FIGURE 8

SONS OF GWALIA N.L.

MT GOYDER N.T. / ANNABURROO EL'S

ARSENIC ASSAYS

Scale: 1:10000	Plan No.	Date 9-Oct-91

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APPENDIX 1

-80# SOIL ASSAYS

CLASSIC LABORATORIES LTD

Incorporated in WA; a wholly owned subsidiary of Amdel Ltd

Postal Address: P.O. Box 58, Berrimah, Northern Territory 0828
Marjorie Street., P.O. Box 58, Berrimah, Northern Territory 0828
Telephone: (089) 32 2637 Facsimile: (089) 32 3531

SONS OF GWALIA NL
PO BOX 104
LEONORA

WA 6438

ANALYSIS REPORT :

Your Reference	:	Our Reference	: 1DN1080
Samples Received	: 20/08/91	Results Reported	: 30/08/91
Number of Samples	: 501	Report Parts	: A to B

This report relates specifically to the samples tested in so far as the samples supplied are truly representative of the sample source.

If you have any enquiries please contact the undersigned quoting our reference as above.

Report Codes:
N.A. -Not Analysed
L.N.R. -Listed But Not Received
I.S. -Insufficient Sample

Approved Signature:

for

ALAN CIPLYS
Manager - Darwin
CLASSIC LABORATORIES LTD

*** RELIABLE ANALYSES AND SERVICE ***

CLASSIC LABORATORIES LTD

Job: 1DN1080A
O/N: 37964

Final

ANALYTICAL REPORT

SAMPLE	Au	AuDpl	Cu	Pb	Zn	As
001 -80mesh	1	--	33	5	5	12
002 -80mesh	1	--	16	<4	4	2
003 -80mesh	<1	--	19	<4	3	2
004 -80mesh	<1	--	15	<4	2	<2
005 -80mesh	<1	--	13	<4	3	<2
006 -80mesh	3	--	16	4	2	2
007 -80mesh	1	--	12	7	2	<2
008 -80mesh	2	<1	11	5	<2	<2
009 -80mesh	4	--	14	6	3	4
010 -80mesh	3	--	9	4	<2	<2
011 -80mesh	2	--	10	5	<2	<2
012 -80mesh	<1	--	10	4	2	4
013 -80mesh	1	--	11	5	2	<2
014 -80mesh	2	--	19	9	3	2
015 -80mesh	<1	--	13	6	2	<2
016 -80mesh	2	--	10	5	2	<2
017 -80mesh	2	--	8	<4	<2	<2
018 -80mesh	1	--	10	7	2	<2
019 -80mesh	2	--	11	7	2	2
020 -80mesh	1	--	11	6	2	<2
021 -80mesh	2	--	14	6	4	<2
022 -80mesh	<1	--	14	5	5	<2
023 -80mesh	<1	--	12	7	3	2
024 -80mesh	2	1	17	5	4	4
025 -80mesh	2	--	14	6	4	2
026 -80mesh	1	--	18	5	6	6
027 -80mesh	3	3	13	5	5	2
028 -80mesh	2	--	11	9	4	6
029 -80mesh	1	--	17	8	5	6
030 -80mesh	2	--	22	11	8	6
031 -80mesh	2	--	17	5	4	2
032 -80mesh	3	--	16	4	3	6
033 -80mesh	1	--	17	4	7	6
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035 -80mesh	2	--	23	5	9	10
036 -80mesh	<1	--	17	6	4	4
037 -80mesh	3	--	16	<4	11	<2
038 -80mesh	<1	--	15	<4	7	6
039 -80mesh	<1	--	14	<4	4	2
040 -80mesh	2	--	15	<4	4	2
041 -80mesh	3	--	13	5	3	6
042 -80mesh	2	--	11	<4	2	<2
043 -80mesh	2	--	16	5	4	2
044 -80mesh	<1	--	17	5	4	4
045 -80mesh	2	--	16	4	3	4
046 -80mesh	3	--	15	5	3	2
047 -80mesh	<1	--	10	4	3	2
048 -80mesh	2	--	16	5	2	<2
049 -80mesh	<1	--	12	<4	3	2
050 -80mesh	3	--	10	<4	3	<2
UNITS	ppb	ppb	ppm	ppm	ppm	ppm
DET.LIM	1	1	2	4	2	2
SCHEME	AAS9	AAS9	AAS1	AAS1	AAS1	XRF1

Final

ANALYTICAL REPORT

SAMPLE	Au	AuDpl	Cu	Pb	Zn	As
051 -80mesh	3	<1	15	<4	5	2
052 -80mesh	<1	--	15	6	5	4
053 -80mesh	<1	--	17	8	7	2
054 -80mesh	<1	--	19	10	6	4
055 -80mesh	2	--	22	8	9	6
056 -80mesh	<1	3	15	5	5	6
057 -80mesh	<1	--	14	7	5	2
058 -80mesh	1	--	10	7	2	<2
059 -80mesh	<1	--	14	8	4	4
060 -80mesh	<1	--	16	6	5	2
061 -80mesh	<1	--	17	5	4	2
062 -80mesh	<1	--	18	5	2	<2
063 -80mesh	<1	--	16	6	3	4
064 -80mesh	<1	--	18	7	4	2
065 -80mesh	<1	--	18	7	4	<2
066 -80mesh	2	<1	21	9	4	4
067 -80mesh	<1	--	18	7	4	4
068 -80mesh	1	--	17	6	4	4
069 -80mesh	2	--	15	5	4	2
070 -80mesh	5	2	16	4	2	2
071 -80mesh	2	--	15	6	4	6
072 -80mesh	2	--	14	5	3	8
073 -80mesh	<1	--	14	6	4	4
074 -80mesh	<1	--	16	6	4	4
075 -80mesh	4	--	16	5	5	2
076 -80mesh	<1	--	16	5	5	<2
077 -80mesh	<1	--	13	4	3	<2
078 -80mesh	<1	--	13	4	3	2
079 -80mesh	2	3	14	5	4	2
080 -80mesh	<1	--	12	4	3	2
081 -80mesh	3	--	14	4	3	<2
082 -80mesh	<1	--	12	5	2	<2
083 -80mesh	<1	--	20	5	4	2
084 -80mesh	<1	--	11	6	3	<2
085 -80mesh	<1	--	11	4	4	<2
086 -80mesh	<1	--	9	4	4	<2
087 -80mesh	<1	--	11	5	4	<2
088 -80mesh	<1	--	9	5	3	<2
089 -80mesh	<1	--	10	4	3	<2
090 -80mesh	<1	--	10	7	3	<2
091 -80mesh	3	--	14	7	4	2
092 -80mesh	<1	<1	10	6	3	2
093 -80mesh	2	--	17	10	6	8
094 -80mesh	<1	--	13	10	4	4
095 -80mesh	<1	--	14	9	6	4
096 -80mesh	1	--	15	8	5	<2
097 -80mesh	4	--	14	7	9	2
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099 -80mesh	<1	--	15	5	11	4
100 -80mesh	<1	--	14	7	22	4
UNITS	ppb	ppb	ppm	ppm	ppm	ppm
DET.LIM	1	1	2	4	2	2
SCHEME	AAS9	AAS9	AAS1	AAS1	AAS1	XRF1

Final

ANALYTICAL REPORT

SAMPLE	Au	AuDp1	Cu	Pb	Zn	As
101 -80mesh	<1	--	16	6	22	<2
102 -80mesh	3	--	17	7	71	<2
103 -80mesh	3	--	26	7	46	6
104 -80mesh	2	--	25	6	37	2
105 -80mesh	3	--	28	7	40	4
106 -80mesh	1	--	21	6	31	6
107 -80mesh	1	--	16	5	16	<2
108 -80mesh	3	--	14	4	12	14
109 -80mesh	1	--	20	7	39	8
110 -80mesh	<1	--	20	7	34	14
111 -80mesh	<1	<1	21	9	31	4
112 -80mesh	1	--	14	6	11	6
113 -80mesh	<1	<1	13	6	7	6
114 -80mesh	1	--	19	5	10	4
115 -80mesh	<1	--	20	4	9	2
116 -80mesh	<1	--	14	7	12	8
117 -80mesh	1	--	17	5	13	4
118 -80mesh	<1	--	20	6	9	<2
119 -80mesh	<1	--	13	6	9	<2
120 -80mesh	2	--	11	7	6	2
121 -80mesh	2	--	13	7	5	2
122 -80mesh	<1	--	15	5	4	2
123 -80mesh	1	--	14	5	7	4
124 -80mesh	2	--	12	6	6	4
125 -80mesh	<1	--	13	5	7	4
126 -80mesh	<1	--	15	6	7	4
127 -80mesh	<1	<1	12	5	5	2
128 -80mesh	<1	--	13	9	3	<2
129 -80mesh	<1	--	14	7	6	6
130 -80mesh	<1	--	13	4	5	8
131 -80mesh	<1	--	14	4	8	<2
132 -80mesh	<1	--	15	<4	8	2
133 -80mesh	<1	--	14	<4	20	4
134 -80mesh	<1	--	52	8	44	8
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139 -80mesh	<1	--	19	5	15	4
140 -80mesh	<1	--	17	4	15	10
141 -80mesh	<1	--	14	6	10	6
142 -80mesh	<1	--	12	4	8	6
143 -80mesh	<1	--	13	7	7	4
144 -80mesh	<1	--	14	7	8	4
145 -80mesh	<1	--	18	6	8	4
146 -80mesh	<1	3	22	8	11	8
147 -80mesh	2	--	26	8	12	2
148 -80mesh	<1	--	17	8	9	4
149 -80mesh	<1	--	18	7	8	<2
150 -80mesh	<1	--	20	5	10	<2
UNITS	ppb	ppb	ppm	ppm	ppm	ppm
DET.LIM	1	1	2	4	2	2
SCHEME	AAS9	AAS9	AAS1	AAS1	AAS1	XRF1

Final

ANALYTICAL REPORT

SAMPLE	Au	AuDp1	Cu	Pb	Zn	As
151 -80mesh	2	--	14	6	7	<2
152 -80mesh	2	--	17	7	7	2
153 -80mesh	<1	--	16	8	9	<2
155 -80mesh	<1	--	18	7	11	<2
156 -80mesh	<1	--	18	6	9	4
157 -80mesh	1	--	17	8	9	<2
158 -80mesh	<1	--	12	5	6	<2
159 -80mesh	<1	--	11	5	5	<2
160 -80mesh	<1	--	11	6	5	<2
161 -80mesh	<1	--	10	5	4	2
162 -80mesh	1	--	9	5	4	<2
163 -80mesh	1	--	8	6	3	<2
164 -80mesh	3	--	10	<4	3	2
165 -80mesh	2	--	6	<4	2	8
166 -80mesh	<1	2	12	<4	4	<2
167 -80mesh	2	--	18	7	10	4
168 -80mesh	<1	--	19	25	11	4
169 -80mesh	<1	2	13	5	3	2
170 -80mesh	<1	--	18	5	3	<2
171 -80mesh	2	--	17	6	4	<2
172 -80mesh	2	3	19	5	3	<2
173 -80mesh	<1	1	16	7	6	<2
174 -80mesh	<1	--	13	<4	3	<2
175 -80mesh	<1	--	14	6	3	2
176 -80mesh	1	--	16	<4	5	<2
177 -80mesh	2	--	15	5	5	<2
178 -80mesh	2	--	16	5	5	4
179 -80mesh	3	--	17	5	5	<2
180 -80mesh	<1	--	15	4	5	<2
181 -80mesh	<1	--	13	4	4	<2
182 -80mesh	1	--	13	5	4	<2
183 -80mesh	2	--	14	4	4	4
184 -80mesh	2	--	20	4	6	2
185 -80mesh	2	--	14	5	5	4
186 -80mesh	2	--	14	4	4	<2
187 -80mesh	2	--	11	4	3	<2
188 -80mesh	2	--	16	5	6	<2
189 -80mesh	1	--	16	4	6	4
190 -80mesh	2	--	11	5	3	<2
191 -80mesh	1	--	12	5	3	<2
192 -80mesh	2	--	10	6	3	<2
193 -80mesh	<1	--	9	7	3	<2
194 -80mesh	<1	--	8	7	2	<2
195 -80mesh	<1	--	9	8	2	<2
196 -80mesh	2	--	10	9	3	<2
197 -80mesh	<1	--	12	7	6	2
198 -80mesh	3	1	27	8	25	8
199 -80mesh	2	--	11	5	4	2
200 -80mesh	<1	--	14	4	5	<2
201 -80mesh	<1	--	10	5	4	<2
UNITS	ppb	ppb	ppm	ppm	ppm	ppm
DET.LIM	1	1	2	4	2	2
SCHEME	AAS9	AAS9	AAS1	AAS1	AAS1	XRF1

Final

ANALYTICAL REPORT

SAMPLE	Au	AuDp1	Cu	Pb	Zn	As
202 -80mesh	<1	--	11	4	4	<2
203 -80mesh	<1	--	13	5	4	<2
204 -80mesh	<1	--	12	5	3	2
205 -80mesh	<1	--	17	6	7	<2
206 -80mesh	1	--	16	8	7	<2
207 -80mesh	2	--	15	6	5	2
208 -80mesh	2	--	15	6	6	<2
209 -80mesh	1	2	14	5	6	<2
210 -80mesh	<1	--	12	4	5	<2
211 -80mesh	3	--	13	4	6	<2
212 -80mesh	3	--	23	5	33	8
213 -80mesh	<1	--	16	7	13	2
214 -80mesh	<1	--	13	<4	12	<2
215 -80mesh	3	--	29	6	24	4
216 -80mesh	2	<1	18	<4	24	<2
217 -80mesh	<1	--	16	5	22	<2
218 -80mesh	2	--	20	4	17	2
219 -80mesh	2	--	23	7	18	6
220 -80mesh	1	--	13	5	9	2
221 -80mesh	<1	--	17	5	8	4
222 -80mesh	<1	--	12	5	5	<2
223 -80mesh	<1	<1	11	7	4	<2
224 -80mesh	<1	--	10	6	5	<2
225 -80mesh	<1	--	16	7	7	4
226 -80mesh	1	--	18	5	14	4
227 -80mesh	<1	--	15	4	11	10
228 -80mesh	<1	--	20	5	5	4
229 -80mesh	<1	--	17	6	6	4
230 -80mesh	<1	--	21	6	10	2
231 -80mesh	<1	--	20	4	6	4
232 -80mesh	<1	--	17	5	7	2
233 -80mesh	<1	--	13	6	7	6
234 -80mesh	<1	--	16	7	9	<2
235 -80mesh	<1	--	17	8	9	<2
236 -80mesh	<1	--	14	5	9	<2
237 -80mesh	<1	--	19	4	11	4
238 -80mesh	<1	--	16	4	10	2
239 -80mesh	<1	--	21	4	10	2
240 -80mesh	<1	--	25	9	19	<2
241 -80mesh	1	<1	22	7	10	<2
242 -80mesh	<1	--	21	8	12	2
243 -80mesh	2	--	22	6	10	<2
244 -80mesh	<1	--	18	8	8	<2
245 -80mesh	<1	--	20	5	11	<2
246 -80mesh	2	--	20	5	12	<2
247 -80mesh	<1	--	17	7	9	<2
248 -80mesh	<1	--	20	6	9	4
249 -80mesh	<1	--	17	5	8	<2
250 -80mesh	<1	--	14	5	6	<2
251 -80mesh	<1	--	15	5	5	<2
UNITS	ppb	ppb	ppm	ppm	ppm	ppm
DET.LIM	1	1	2	4	2	2
SCHEME	AAS9	AAS9	AAS1	AAS1	AAS1	XRF1

CLASSIC LABORATORIES LTD

Job: 1DN1080B
O/N: 37964

Final

ANALYTICAL REPORT

SAMPLE	Au	AuDpl	Cu	Pb	Zn	As
252 -80mesh	<1	--	10	7	4	2
253 -80mesh	1	--	10	5	3	<2
254 -80mesh	<1	--	21	8	14	6
255 -80mesh	7	--	26	12	20	20
256 -80mesh	<1	--	14	7	7	8
257 -80mesh	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
258 -80mesh	1	--	17	7	7	4
259 -80mesh	2	--	22	8	12	4
260 -80mesh	<1	--	13	7	6	<2
261 -80mesh	<1	--	14	8	6	<2
262 -80mesh	<1	--	16	8	7	2
266 -80mesh	<1	<1	14	8	8	<2
267 -80mesh	<1	--	18	9	13	4
268 -80mesh	<1	--	21	7	19	6
269 -80mesh	<1	--	32	11	33	<2
270 -80mesh	<1	--	26	11	27	4
271 -80mesh	<1	--	26	11	24	2
272 -80mesh	<1	1	19	9	19	2
273 -80mesh	<1	--	20	14	17	6
274 -80mesh	<1	--	10	9	8	<2
275 -80mesh	<1	--	12	8	8	4
276 -80mesh	<1	--	18	8	14	2
277 -80mesh	<1	--	17	7	16	<2
278 -80mesh	<1	--	12	9	11	<2
279 -80mesh	<1	--	11	6	12	<2
280 -80mesh	<1	--	19	6	26	4
281 -80mesh	<1	--	15	7	19	<2
282 -80mesh	<1	--	8	5	5	<2
283 -80mesh	<1	--	7	4	3	2
284 -80mesh	<1	--	6	5	3	2
285 -80mesh	<1	--	11	5	3	4
286 -80mesh	1	--	9	5	4	4
287 -80mesh	<1	--	9	5	4	4
288 -80mesh	1	--	13	7	4	2
289 -80mesh	2	--	14	<4	6	<2
290 -80mesh	<1	--	11	6	6	2
291 -80mesh	<1	--	11	5	5	2
292 -80mesh	<1	--	11	5	6	4
293 -80mesh	<1	--	11	<4	4	<2
294 -80mesh	<1	<1	10	5	5	<2
295 -80mesh	<1	--	17	7	7	2
296 -80mesh	1	--	58	13	14	6
297 -80mesh	<1	--	36	9	17	4
298 -80mesh	<1	--	23	5	10	2
299 -80mesh	<1	--	14	<4	6	<2
300 -80mesh	<1	--	15	5	5	2
301 -80mesh	<1	--	13	<4	6	4
302 -80mesh	<1	--	13	<4	15	<2
303 -80mesh	2	--	13	<4	9	<2
304 -80mesh	<1	--	12	5	8	4
UNITS	ppb	ppb	ppm	ppm	ppm	ppm
DET.LIM	1	1	2	4	2	2
SCHEME	AAS9	AAS9	AAS1	AAS1	AAS1	XRF1

Final

ANALYTICAL REPORT

SAMPLE	Au	AuDpl	Cu	Pb	Zn	As
305 -80mesh	<1	--	15	5	9	8
306 -80mesh	<1	--	15	5	9	6
307 -80mesh	<1	--	15	6	7	6
308 -80mesh	<1	--	15	8	6	2
309 -80mesh	2	2	17	9	7	2
310 -80mesh	2	--	15	5	6	<2
311 -80mesh	1	--	15	5	5	4
312 -80mesh	<1	--	13	6	5	2
313 -80mesh	<1	<1	12	5	5	2
314 -80mesh	1	--	10	<4	4	<2
315 -80mesh	<1	--	10	<4	5	2
316 -80mesh	1	--	11	<4	6	6
317 -80mesh	1	--	10	<4	5	<2
318 -80mesh	<1	--	11	5	5	<2
319 -80mesh	<1	--	13	6	9	2
320 -80mesh	<1	--	10	5	11	<2
321 -80mesh	<1	--	15	7	16	6
322 -80mesh	<1	--	9	5	7	<2
323 -80mesh	2	<1	18	7	16	2
324 -80mesh	1	--	18	7	19	<2
325 -80mesh	1	--	15	<4	11	<2
326 -80mesh	3	--	12	<4	8	<2
327 -80mesh	1	--	11	<4	7	2
328 -80mesh	<1	--	10	<4	7	4
329 -80mesh	2	--	11	<4	7	2
330 -80mesh	<1	--	15	5	7	2
331 -80mesh	<1	--	15	<4	9	<2
332 -80mesh	<1	--	18	5	5	<2
333 -80mesh	<1	<1	16	<4	4	4
334 -80mesh	1	--	19	8	5	<2
335 -80mesh	<1	--	23	7	6	4
336 -80mesh	1	--	20	6	5	2
337 -80mesh	<1	--	26	6	7	<2
338 -80mesh	4	--	42	14	9	24
339 -80mesh	1	--	39	15	9	20
340 -80mesh	2	--	40	16	12	16
341 -80mesh	2	--	31	9	13	18
342 -80mesh	<1	--	16	6	6	8
343 -80mesh	<1	--	18	<4	6	4
344 -80mesh	<1	--	12	<4	5	2
345 -80mesh	2	--	15	10	4	6
346 -80mesh	2	--	29	12	5	12
347 -80mesh	<1	--	44	15	8	24
348 -80mesh	1	--	28	13	8	12
349 -80mesh	<1	--	30	13	7	14
350 -80mesh	<1	2	29	12	5	14
351 -80mesh	1	--	21	6	5	4
352 -80mesh	<1	--	16	5	5	4
353 -80mesh	<1	--	19	5	6	6
354 -80mesh	<1	--	17	4	6	2
UNITS	ppb	ppb	ppm	ppm	ppm	ppm
DET.LIM	1	1	2	4	2	2
SCHEME	AAS9	AAS9	AAS1	AAS1	AAS1	XRF1

inal

ANALYTICAL REPORT

SAMPLE	Au	AuDp1	Cu	Pb	Zn	As
355 -80mesh	<1	--	25	7	13	4
356 -80mesh	<1	--	24	<4	5	2
357 -80mesh	<1	<1	20	8	4	6
358 -80mesh	1	--	20	9	4	4
359 -80mesh	1	--	18	8	4	4
360 -80mesh	1	--	41	13	3	6
361 -80mesh	1	--	45	13	8	8
362 -80mesh	1	--	23	11	8	8
363 -80mesh	1	--	26	9	10	6
364 -80mesh	<1	--	20	6	10	6
365 -80mesh	<1	--	19	9	7	10
366 -80mesh	<1	<1	27	12	4	10
367 -80mesh	<1	--	15	6	8	2
368 -80mesh	<1	--	17	6	6	6
369 -80mesh	<1	--	15	7	5	2
370 -80mesh	<1	--	12	7	5	6
371 -80mesh	<1	--	14	7	11	<2
372 -80mesh	<1	--	17	6	6	4
373 -80mesh	<1	--	26	15	4	22
374 -80mesh	<1	--	10	14	5	6
375 -80mesh	<1	--	19	15	12	6
376 -80mesh	<1	--	26	12	21	10
377 -80mesh	I.S.	--	I.S.	I.S.	I.S.	I.S.
378 -80mesh	<1	--	20	8	18	2
379 -80mesh	<1	--	18	7	15	4
380 -80mesh	<1	--	17	6	15	2
381 -80mesh	<1	--	12	<4	7	<2
382 -80mesh	<1	--	18	5	7	<2
383 -80mesh	<1	--	19	6	6	<2
384 -80mesh	1	--	18	7	5	4
385 -80mesh	<1	--	12	7	14	2
386 -80mesh	<1	--	12	5	12	4
387 -80mesh	<1	--	13	5	16	<2
388 -80mesh	<1	--	10	<4	7	<2
389 -80mesh	<1	--	10	5	6	<2
390 -80mesh	<1	--	12	5	7	2
391 -80mesh	<1	--	11	5	7	<2
392 -80mesh	<1	--	12	5	9	4
393 -80mesh	1	--	15	4	10	<2
394 -80mesh	<1	--	16	6	11	<2
395 -80mesh	2	--	13	4	8	4
396 -80mesh	<1	--	12	7	11	<2
397 -80mesh	<1	--	15	5	13	<2
398 -80mesh	<1	--	14	8	13	<2
399 -80mesh	<1	--	11	4	10	<2
400 -80mesh	<1	--	12	4	10	<2
401 -80mesh	<1	--	11	5	7	<2
402 -80mesh	1	<1	9	5	6	2
403 -80mesh	<1	<1	10	5	5	<2
404 -80mesh	<1	<1	18	8	8	2
UNITS	ppb	ppb	ppm	ppm	ppm	ppm
DET.LIM	1	1	2	4	2	2
SCHEME	AAS9	AAS9	AAS1	AAS1	AAS1	XRF1

Final

ANALYTICAL REPORT

SAMPLE	Au	AuDp1	Cu	Pb	Zn	As
405 -80mesh	<1	--	20	7	10	<2
406 -80mesh	<1	--	15	7	8	4
407 -80mesh	<1	--	16	5	7	2
408 -80mesh	<1	--	12	4	6	4
409 -80mesh	<1	--	16	4	15	2
410 -80mesh	<1	--	17	7	16	4
411 -80mesh	1	--	18	7	17	4
412 -80mesh	<1	--	20	7	27	4
413 -80mesh	<1	--	22	5	19	<2
414 -80mesh	<1	--	15	5	8	4
415 -80mesh	<1	--	16	4	10	2
416 -80mesh	<1	--	14	5	8	4
417 -80mesh	<1	--	15	6	9	<2
418 -80mesh	<1	--	16	6	8	4
419 -80mesh	<1	--	16	8	7	2
420 -80mesh	<1	--	21	5	16	4
421 -80mesh	<1	--	27	6	18	4
422 -80mesh	<1	--	12	4	10	<2
423 -80mesh	<1	--	10	4	6	<2
424 -80mesh	<1	--	15	4	5	<2
425 -80mesh	<1	--	6	4	4	<2
426 -80mesh	<1	--	10	4	5	<2
427 -80mesh	<1	--	7	5	5	<2
428 -80mesh	1	--	10	8	5	<2
429 -80mesh	<1	--	9	7	6	<2
430 -80mesh	1	<1	8	6	4	2
431 -80mesh	<1	--	14	7	4	2
432 -80mesh	<1	--	14	7	3	<2
433 -80mesh	<1	<1	17	8	4	<2
434 -80mesh	<1	--	9	8	5	<2
435 -80mesh	<1	--	13	7	6	<2
436 -80mesh	<1	--	8	6	8	<2
437 -80mesh	<1	--	12	5	10	<2
438 -80mesh	<1	--	11	6	15	<2
439 -80mesh	<1	--	13	5	14	<2
440 -80mesh	<1	--	14	7	17	<2
441 -80mesh	<1	--	17	7	20	2
442 -80mesh	<1	--	19	5	21	2
443 -80mesh	<1	--	10	8	9	2
444 -80mesh	<1	--	9	8	8	<2
445 -80mesh	<1	--	8	5	5	<2
446 -80mesh	<1	--	9	10	7	<2
447 -80mesh	2	--	15	11	8	4
448 -80mesh	<1	--	10	7	7	4
449 -80mesh	<1	--	18	8	9	4
450 -80mesh	<1	--	18	7	8	4
451 -80mesh	<1	1	19	8	8	6
452 -80mesh	<1	--	20	11	9	4
453 -80mesh	<1	--	24	12	9	8
454 -80mesh	<1	--	16	14	9	4
UNITS	ppb	ppb	ppm	ppm	ppm	ppm
DET.LIM	1	1	2	4	2	2
SCHEME	AAS9	AAS9	AAS1	AAS1	AAS1	XRF1

Final

ANALYTICAL REPORT

SAMPLE	Au	AuDpl	Cu	Pb	Zn	As
455 -80mesh	<1	--	19	14	9	6
456 -80mesh	<1	--	34	15	15	10
457 -80mesh	1	--	35	17	18	20
458 -80mesh	<1	--	48	17	37	12
459 -80mesh	<1	--	56	28	45	32
460 -80mesh	<1	--	35	21	20	18
461 -80mesh	<1	--	34	18	11	22
462 -80mesh	<1	--	45	18	50	12
463 -80mesh	3	--	35	19	38	18
464 -80mesh	<1	<1	18	10	10	6
465 -80mesh	4	--	52	17	52	22
466 -80mesh	<1	--	34	15	17	14
467 -80mesh	5	--	56	13	22	18
468 -80mesh	2	--	39	11	12	8
469 -80mesh	1	--	22	8	15	12
470 -80mesh	1	--	23	7	9	4
471 -80mesh	<1	--	23	10	7	8
472 -80mesh	1	--	18	8	7	4
473 -80mesh	5	--	17	8	5	2
474 -80mesh	2	--	30	11	13	14
475 -80mesh	<1	--	34	16	15	14
476 -80mesh	<1	--	29	13	23	16
477 -80mesh	<1	--	54	20	24	18
478 -80mesh	<1	--	62	18	28	40
479 -80mesh	<1	--	50	20	25	28
480 -80mesh	1	--	34	11	16	16
481 -80mesh	<1	--	25	9	9	10
482 -80mesh	2	<1	33	17	21	8
483 -80mesh	3	--	71	16	44	8
484 -80mesh	2	--	50	11	38	8
485 -80mesh	1	--	35	12	20	10
486 -80mesh	<1	--	28	14	12	12
487 -80mesh	2	--	27	11	13	12
488 -80mesh	<1	--	17	7	9	8
489 -80mesh	<1	--	18	7	9	6
490 -80mesh	2	--	21	9	13	8
491 -80mesh	2	--	32	12	34	8
492 -80mesh	2	--	18	9	17	6
493 -80mesh	5	--	21	14	10	4
494 -80mesh	5	--	22	14	10	6
495 -80mesh	<1	--	13	27	9	6
496 -80mesh	<1	--	25	15	15	10
497 -80mesh	<1	<1	36	17	52	10
498 -80mesh	<1	--	25	12	32	10
499 -80mesh	<1	--	27	12	30	12
500 -80mesh	<1	--	24	14	19	8
501 -80mesh	<1	--	18	9	17	4
502 -80mesh	<1	--	15	8	14	6
503 -80mesh	<1	--	25	14	33	14
504 -80mesh	1	--	24	11	16	12
UNITS	ppb	ppb	ppm	ppm	ppm	ppm
DET.LIM	1	1	2	4	2	2
SCHEME	AAS9	AAS9	AAS1	AAS1	AAS1	XRF1

Final

ANALYTICAL REPORT

SAMPLE	Au	AuDpl	Cu	Pb	Zn	As
505 -80mesh	<1	--	22	14	13	10
506 -80mesh	1	--	22	13	12	12
265 -80mesh	<1	--	27	7	15	2

UNITS	ppb	ppb	ppm	ppm	ppm	ppm
DET.LIM	1	1	2	4	2	2
SCHEME	AAS9	AAS9	AAS1	AAS1	AAS1	XRF1