DME 21/5/90
Rec 22/5/90 on 22/5

Northern Gold N.L.

Northern Territory Operations Office:-

Stuart Highway, Adelaide River
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EL 6425

ANNUAL REPORT TO 7th May 1990

Pine Creek Sheet SD 52.08

Compiled for
Northern Gold NL
by Richard Monti
and Michelle Stokes
May 1990

SUMMARY

A first-pass exploration program was carried out over EL 6425 to test the area for Au, base metal, and Sn-Ta mineralization. Geological mapping, rock chip sampling and soil sampling were completed. The soil sampling program delineated two Au anomalies and a base metal and Sn-Ta anomaly. Follow-up rock chip sampling over the Au anomalies returned poor results. Further exploration is warranted, including close spaced soil sampling of anomalies and further prospecting in other areas.

CONTENTS

FIGURES

1 INTRODUCTION

1.1 Title

EL 6425, covering 2 blocks (6 km^2), was granted on 8 May 1989 for a period of 2 years. The licence carries a first year covenant of $12 000. Four mineral claims (MCN 2641-2644), held by Mr R. Biddlecombe are located within EL 6425. These claims are subject to a joint venture agreement with Northern Gold N.L. (with Northern Gold as operator), and are included in this report.

1.2 Location and access

EL 6425 is located about 55 km south east of Adelaide River (Figure 1) within the Cullen Mineral Field. Access is via the Douglas Homestead Road from the old Stuart Highway. EL 6425 is within the Douglas pastoral lease (PL 903).

1.3 Previous exploration

A search of the Mines Department open files revealed that no modern exploration has been carried out over EL 6425, although a Norgold Ltd/Oceania Exploration and Mining N.L. joint venture explored a number of surrounding tenements for Au mineralization during 1988. Results from this exploration, which was mainly directed at mineralization within the Koolpin Formation, were discouraging.

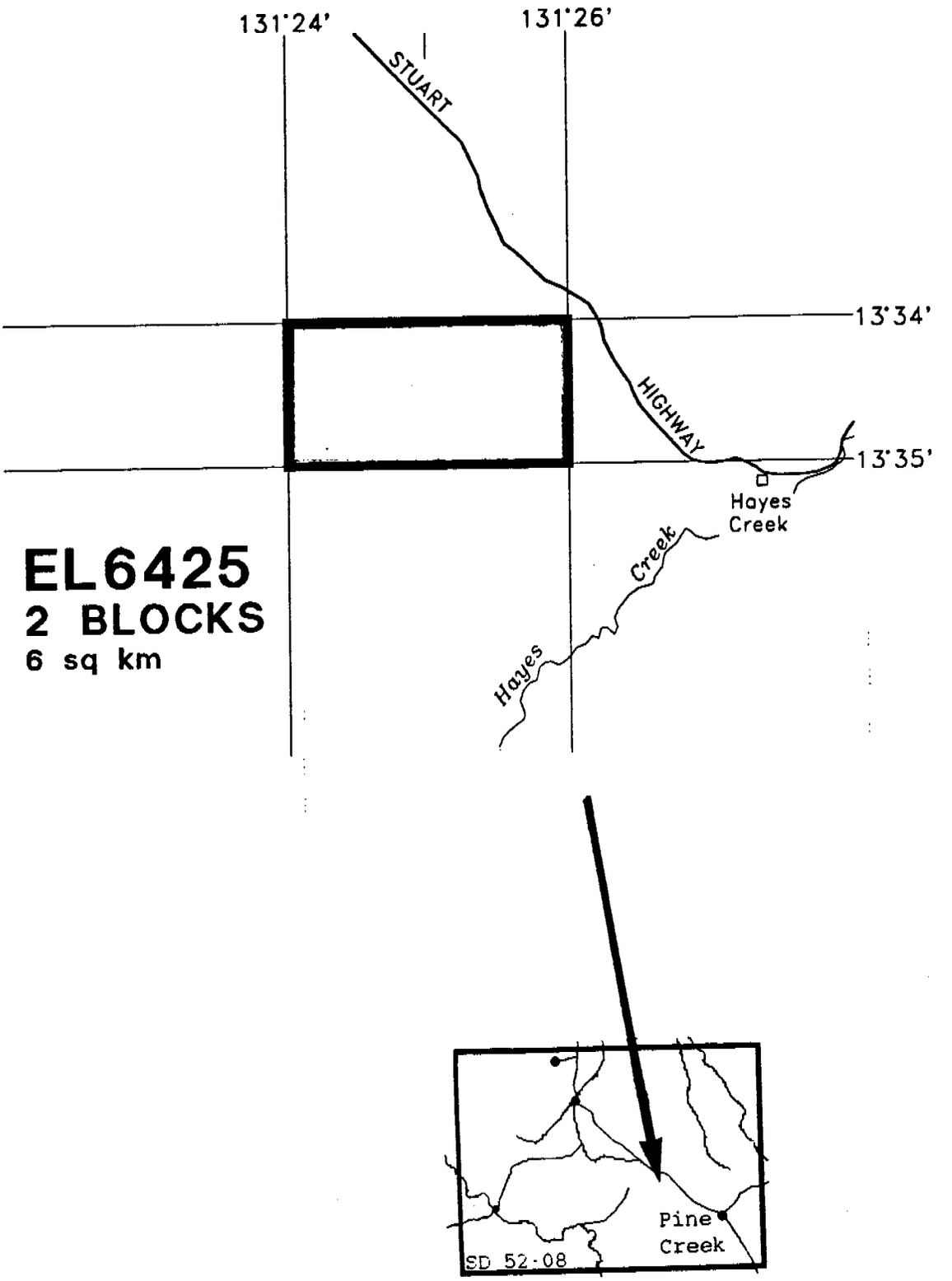


FIGURE 1. Location Diagram

2 GEOLOGY

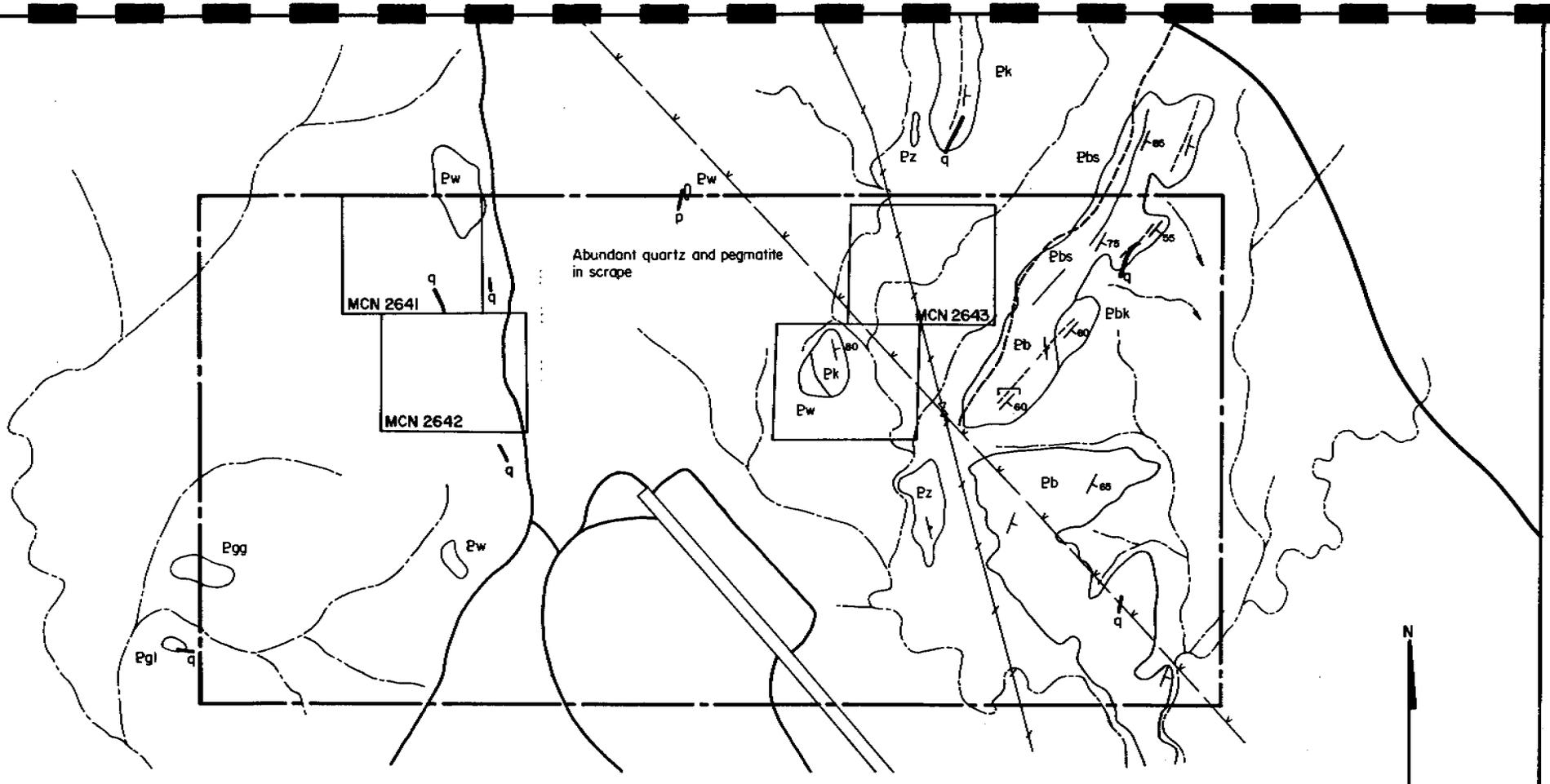
2.1 Regional Geology

EL 6425 is situated within the Pine Creek Geosyncline, a tightly to isoclinally folded sequence of mainly pelitic and psammatic (continental to shallow water) Lower Proterozoic sediments with interlayered tuff units. All the lithologies in the area have been metamorphosed mostly to low and in places medium grade metamorphic assemblages. The sequence has been intruded by pre-orogenic dolerite sills and a number of late syn-orogenic to post-orogenic Proterozoic granitoids. Largely undeformed Middle and Late Proterozoic, Palaeozoic and Mesozoic strata, as well as Cainozoic sediments and laterite overlie the Pine Creek Geosyncline lithologies.

2.2 Local geology

The geology of EL 6425 consists of a sequence of Lower Proterozoic sediments with scattered outcrop of Zamu Dolerite (Figure 2). Medium grained leucogranite and coarse grained porphyritic hornblende-biotite granite crop out in the south west corner of the tenement. Most of the licence is covered by soil and laterite.

The sedimentary sequence comprises (from west to east) recrystallized sandstone (Wildman Siltstone), ferruginous black shale (Koolpin Formation), mudstone and siltstone (tentatively assigned to the Burrell Creek Formation, no evidence exists for the presence of the Gerowie Tuff or Mt Bonnie Formation). The pelitic metasediments often contain andalusite porphyroblasts and have a knotted schistose fabric. A finely laminated shale marker horizon occurs in the



LEGEND

Pgg	Hornblende – biotite granite	Fenton Granite
Pgl	Leucogranite	
Pz	Dolerite	Zamu Dolerite
Pbs	Shale	Burrell Creek formation
Pbk	Knotted schist	
Pb	Mudstone	
Pk	Ferruginous black shale	Koolpin formation
Pw	Sandstone	Wildman siltstone

Vein (p = pegmatite, q = quartz)
Trend
/60 Bedding : strike & dip
Foliation
Cleavage
Creek
Road
Track
Airstrip
Powerline
Fence
Gate

0 500 metres

Northern Gold N.L.

E 6425 GEOLOGY

Figure 2

COMPILED BY	DATE	SCALE
R.M.	NOV 1989	1:15000

north east of the tenement and this is believed to mark the base of the Burrell Creek Formation. The sediments trend in a north to north easterly direction, with moderate to steep easterly dips. A weak foliation, trending 345 to 355^{o} is present, and some of the mudstones contain an east-west cleavage.

A number of quartz veins crop out immediately west of the Douglas Homestead road, and are associated with quartz float. Abundant pegmatite and quartz scree is also present in a scrape in the central-north part of the licence.

3 EXPLORATION COMPLETED

Northern Gold completed a first-pass exploration program designed to test EL 6425 for gold, base metal and Sn-Ta mineralization.

3.1 Geological reconnaissance

EL 6425 was mapped and 8 rock chip samples (4065-4072) were collected and submitted to Australian Assay Laboratories (AAL) in Pine Creek for the following analysis;

Au: fire assay

As, Cu, Pb, Zn, Mo: AAS

Sn, Ta: XRF (4069 only)

Sample descriptions and results are presented in Appendix 1 and sample locations are shown on Figure 3.

3.2 Soil sampling

Soil sampling was carried out over the licence on a 400m x 100m (consisting of 4 x 25m composites) grid, with sample lines running at 090° (parallel to tenement boundaries). About 2 kg of soil sieved to -6mm was collected for each of the 189 samples (7259-7447). Duplicate samples were collected every 20 samples. Samples were submitted to AAL in Pine Creek for analysis as detailed below;

Au: bulk cyanide leach

As, Ag, Cu, Pb, Zn, Mo: ICP

Sn, Ta: XRF

Sample locations and results are presented in Appendix 2 and Figures 4 and 5.

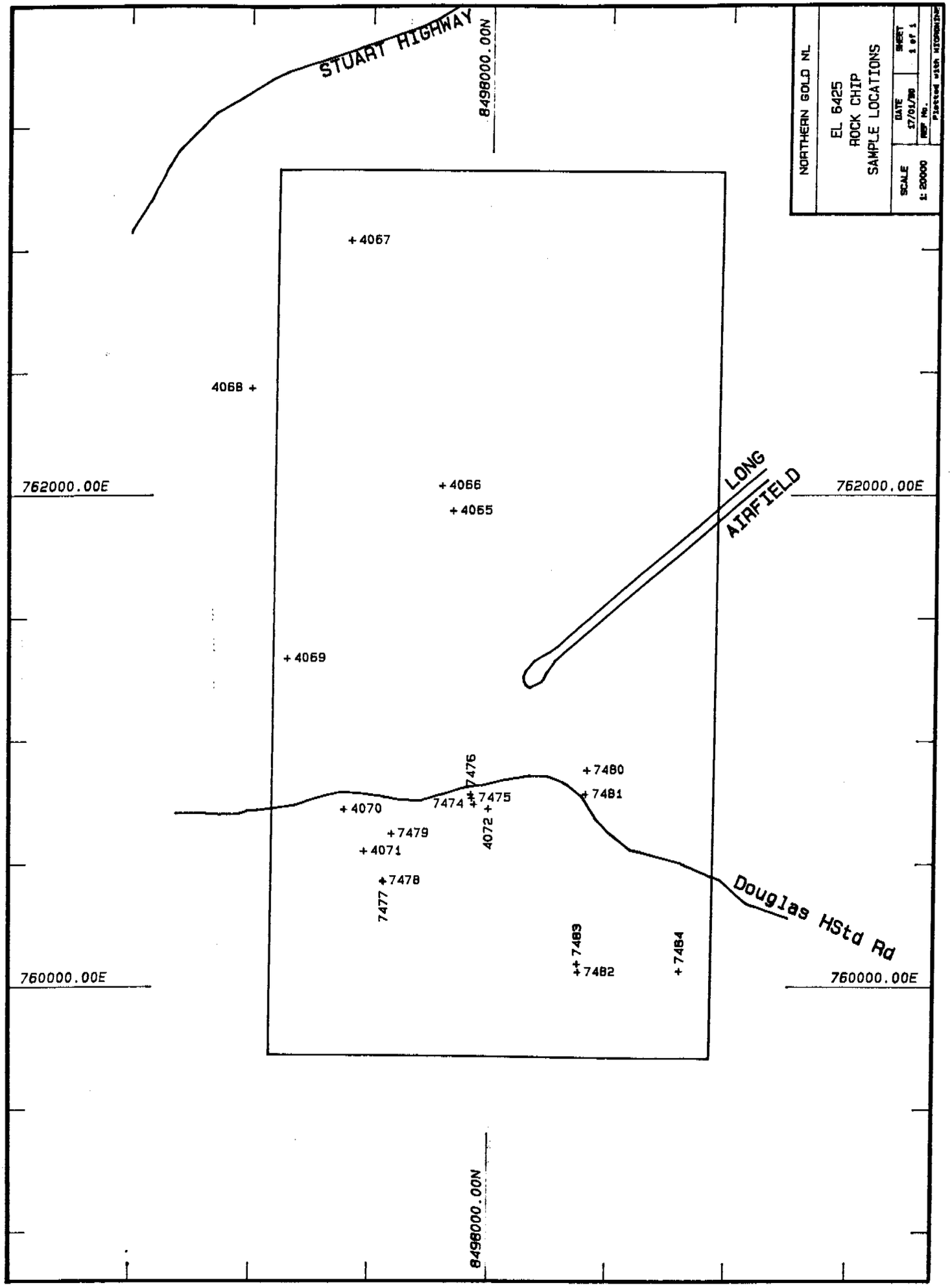
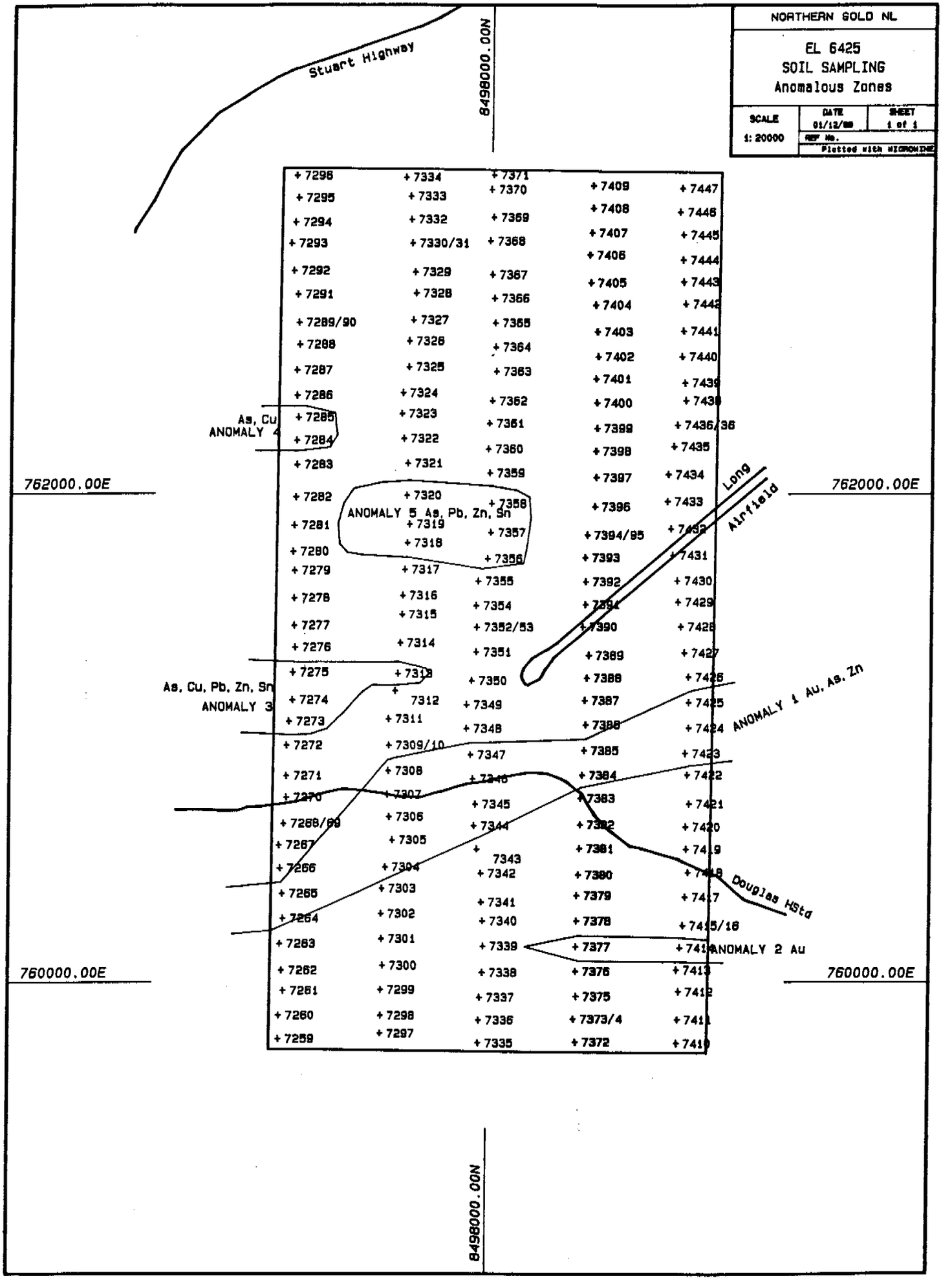

NORTHERN GOLD NL
EL 6425
ROCK CHIP
SAMPLE LOCATIONS
SCALE
1: 20000
DATE
17/01/96
SHEET
1 of 1
REF No.
Plotted with MICROMINE
STUART HIGHWAY
8498000.00N
+4067
4068 +
762000.00E
+4066
+4065
LONG
AIRFIELD
762000.00E
+4069
7476
+7480
+7481
+4070
7474
+7475
4072 +
+7479
+4071
+7478
7477
Douglas HStd Rd
+7483
+7482
+7484
760000.00E
760000.00E
8498000.00N

Figure 3


NORTHERN GOLD NL
EL 6425
SOIL SAMPLING
Anomalous Zones
SCALE
1: 20000
DATE
01/12/88
SHEET
1 of 1
REF No.
Plotted with MICROMINE
Stuart Highway
8498000.00N
762000.00E
760000.00E
As, Cu
ANOMALY 4
ANOMALY 5 As, Pb, Zn, Sn
As, Cu, Pb, Zn, Sn
ANOMALY 3
Long
Airfield
ANOMALY 1 Au, As, Zn
Douglas HStd
ANOMALY 2 Au
+ 7296
+ 7295
+ 7294
+ 7293
+ 7292
+ 7291
+ 7289/90
+ 7288
+ 7287
+ 7286
+ 7285
+ 7284
+ 7283
+ 7282
+ 7281
+ 7280
+ 7279
+ 7278
+ 7277
+ 7276
+ 7275
+ 7274
+ 7273
+ 7272
+ 7271
+ 7270
+ 7268/69
+ 7267
+ 7266
+ 7265
+ 7264
+ 7263
+ 7262
+ 7261
+ 7260
+ 7259
+ 7334
+ 7333
+ 7332
+ 7330/31
+ 7329
+ 7328
+ 7327
+ 7326
+ 7325
+ 7324
+ 7323
+ 7322
+ 7321
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+ 7319
+ 7318
+ 7317
+ 7316
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+ 7314
+ 7313
+ 7312
+ 7311
+ 7309/10
+ 7308
+ 7307
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+ 7304
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+ 7297
+ 7371
+ 7370
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+ 7368
+ 7367
+ 7366
+ 7365
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+ 7362
+ 7361
+ 7360
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+ 7358
+ 7357
+ 7356
+ 7355
+ 7354
+ 7352/53
+ 7351
+ 7350
+ 7349
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+ 7344
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+ 7335
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+ 7393
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+ 7386
+ 7385
+ 7384
+ 7383
+ 7382
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+ 7380
+ 7379
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+ 7377
+ 7376
+ 7375
+ 7373/4
+ 7372
+ 7447
+ 7446
+ 7445
+ 7444
+ 7443
+ 7442
+ 7441
+ 7440
+ 7439
+ 7438
+ 7436/38
+ 7435
+ 7434
+ 7433
+ 7431
+ 7430
+ 7429
+ 7428
+ 7427
+ 7426
+ 7425
+ 7424
+ 7423
+ 7422
+ 7421
+ 7420
+ 7419
+ 7418
+ 7417
+ 7415/16
+ 7414
+ 7413
+ 7412
+ 7411
+ 7410

Figure 4.

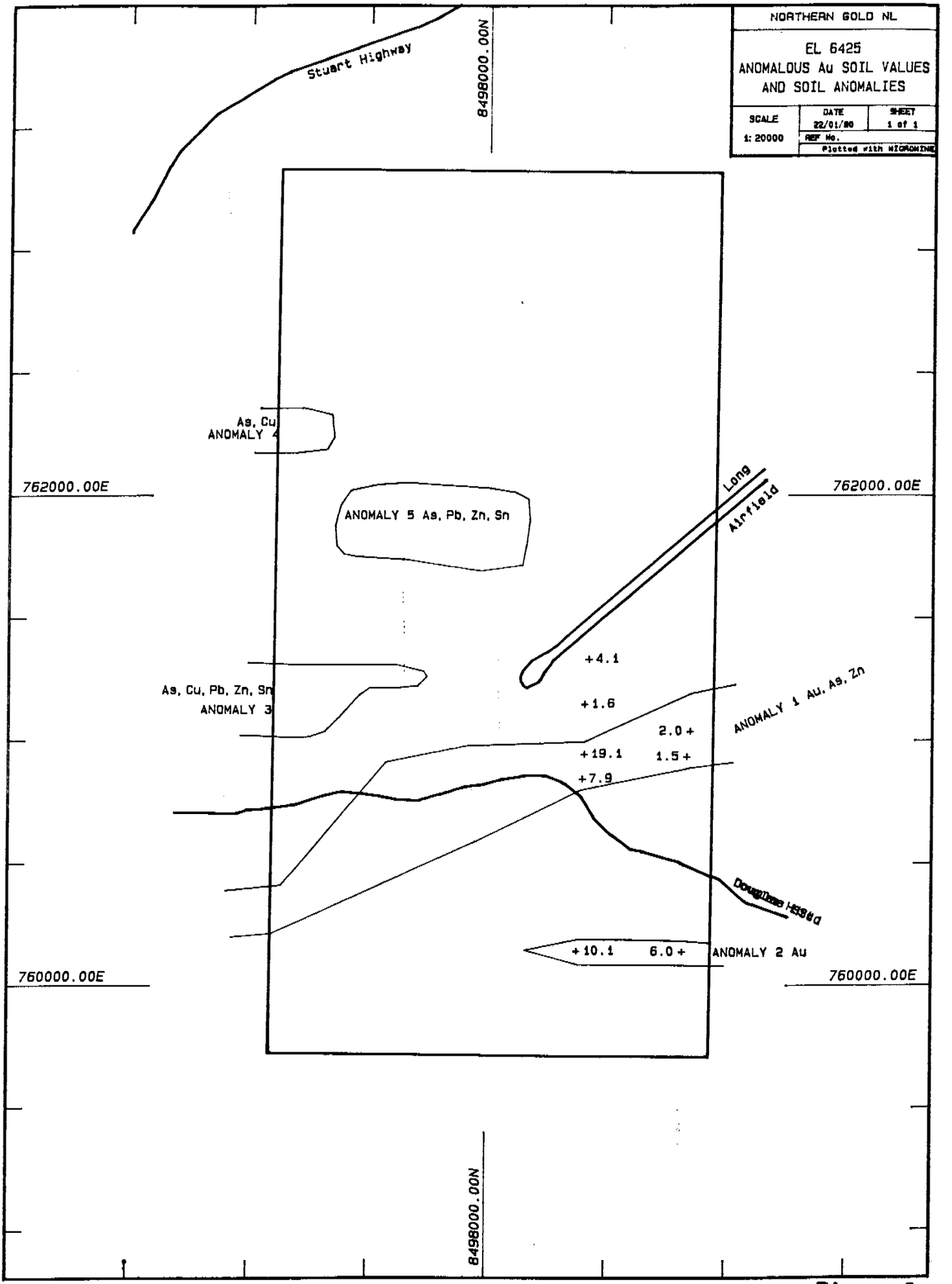
NORTHERN GOLD NL
EL 6425
ANOMALOUS Au SOIL VALUES
AND SOIL ANOMALIES
SCALE
1: 20000
DATE
22/01/90
SHEET
1 of 1
REF No.
Plotted with MICROMINE
Stuart Highway
8498000.00N
762000.00E
760000.00E
As, Cu
ANOMALY 4
ANOMALY 5 As, Pb, Zn, Sn
Long
Airfield
As, Cu, Pb, Zn, Sn
ANOMALY 3
+4.1
+1.6
2.0+
+19.1
1.5+
+7.9
ANOMALY 1 Au, As, Zn
Douglas Hasted
+10.1
6.0+
ANOMALY 2 Au

Figure 5.

3.3 Follow-up rock chip sampling

Eleven rock chip samples (7474-7484) were collected over two areas exhibiting anomalous Au soil geochemistry (see below).

These samples were submitted to AAL in Pine Creek for the following analysis;

Au: fire assay
As, Ag, Cu, Pb, Zn, Mo: ICP
Sample descriptions and results are presented in Appendix 1 and locations are shown in Figure 3.

3.4 Geophysics

Northern Gold purchased aerial geophysics of the Pine Creek area from Aerodata in 1989. Northern Gold received magnetic, Uranium and Potassium data. EL 6425 lies within the area covered by the geophysics. The survey had the following specifications:

Aircraft	Rockwell Shrike Commander 500S
Magnetometer	Scintrex V201 Split Beam Cesium Vapour
	Resolution: 0.04 nanoTesla
	Cycle Rate: 0.2 second
	Sample Interval: 14 meters
Spectrometer	256 Channel Geometrics Exploranium GR800B
	Processed Channels:
	Total Count 0.4 - 3.01 MeV
	K_{40} 1.37 - 1.56 MeV
	Bi_{214} 1.67 - 1.86 MeV
	Tl_{208} 3.02 - 6.00
	Cosmic 3.02 - 6.00
	Volume: 33.56 litres
	Cycle Rate: 1.0 second
	Sample Interval: 70 meters

Data Acquisition	Hewlett Packard 9000 Series Computer Aerodata Digital Data Acquisition System
Flight Line Spacing	Traverse Lines: 200 meters Tie Lines 5000 meters
Flight Line Direction	Traverse Lines: 090-270 degrees Tie Lines: 180-360 degrees
Survey Height	70 meters - mean terrain clearance
Navigation	Syledis UHF positioning system.

4 EXPLORATION RESULTS

4.1 Geological reconnaissance

Rock chip samples collected during geological reconnaissance returned generally low Au and base metal assays (Au highest assay 0.14 ppm, As 750 ppm, Cu 142 ppm, Pb 76 ppm, Zn 56 ppm and Mo 17 ppm). A sample of pegmatite collected from a gravel scrape returned encouraging Sn (142 ppm) and Ta (37 ppm) results.

4.2 Soil sampling

The soil sampling program delineated five anomalies (Figure 5), discussed in detail below.

Anomaly 1: Anomaly 1 is 2 km long and up to 500m wide. It trends in a north westerly direction towards Cosmo Howley Gold Mine 4 km to the north north west, and is open to the south east and north west. It is defined by anomalous values of Au (up to 19.1 ppb), As (195 ppm) and to a lesser extent Zn (127 ppm). The anomaly is located on a soil flat covered with abundant quartz scree. Eight rock chip samples from this area returned poor results (see Section 4.3 below).

Anomaly 2: Anomaly 2 is a 700m long by 100m wide zone of anomalous Au soil geochemistry (values up to 10.1 ppb). It trends north-south and is open to the south. The area covered by the anomaly is soil covered, and three samples of quartz scree in the area returned low Au assays (see Section 4.3 below).

Anomaly 3: Anomaly 3 is a 700m x 200m anomaly which covers a scrape covered in pegmatite and quartz

scree. The anomaly is defined by anomalous levels of As (highest value 100 ppm), Cu (52 ppm), Pb (93 ppm), Zn (85 ppm) and Sn (44 ppm). A sample of pegmatite (sample 4069) from the scrape returned low Au and base metal assays, but contained encouraging levels of Sn (142 ppm) and Ta (37 ppm).

Anomaly 4: Anomaly 4 is a 300m long x 200m wide anomaly defined by anomalous As (highest value of 75 ppm) and Cu (59 ppm). The anomaly covers an outcrop of ferruginous and gossanous shale of the Koolpin Formation, and the elevated As and Cu values are probably due to sulphides which have been weathered from the shale. A sample of vein quartz from this outcrop assayed 0.14 ppm Au. However the Norgold/Oceania JV trenched the outcrop just to the north of the licence with negative results (Northern Territory Geological Survey Company Report CR 89/031).

Anomaly 5: Anomaly 5 is 700m x 300m and defined by anomalous As (highest value 101 ppm), Pb (142 ppm), Zn (169 ppm) and Sn (36 ppm). The anomaly covers an outcrop of Koolpin Formation shales, and probably has a similar origin to Anomaly 4. A sample of vein quartz from this area assayed 0.10 ppm Au. It is not considered likely that this anomaly reflects significant mineralization.

4.3 Follow-up rock chip sampling

The follow up rock chip samples over anomalies 1 and 2 were disappointing with low values returned for Au (highest assay 0.07 ppm) and most pathfinder elements. A sample of ferruginous quartz containing malachite stains (7476) assayed 1177 ppm Cu.

4.4 Geophysics

Results of the geophysics were used primarily as imaged processed data for regional interpretation of exploration concepts. These images are not suitable to submit in a individual Licence report as the information affects many other areas and possible future targets. However, a copy of the Total field magnetic intensity contour map of the licence is included as Figure 6.

5 CONCLUSIONS

The exploration program detailed above has shown good Au soil results as well as one interesting base metal and Sn-Ta anomaly. Although no immediate potential is obvious, the area does warrant follow-up work in 1990.

758000 AMG E

760000 AMG E

762000 AMG E

764000 AMG E

8500000 AMG N

8498000 AMG N

8496000 AMG N

STUART HIGHWAY

NORTHERN GOLD NL

EL 6425

TOTAL FLD MAG. INTENSITY

Contour Interval = 2nT

SCALE	DATE	SHEET
1: 25000		1 of 1
	REF No.	
	Plotted with MICROMINE	

Figure 6

6 EXPENDITURE 1989

Expenditure on EL 6425 during the anniversary year totalled $19,127. Details of this expenditure are listed below as Table 1.

Geological Contractor	$2,248
Field Expenses	$13
Assays	$5,056
Casual Wages	$1,650
Consumables	$625
Geophysics	$2,000
Motor Vehicle Costs	$238
Wages and Salaries	$3,472
SUBTOTAL	$15,302
10% N.T. Administration	$1,530
15% Head Office Administration	$2,295
TOTAL	$19,127

Table 1.

7 PROPOSED WORK PROGRAM

The proposed work program for EL 6425 in 1990 with estimated amount of exploration expenditure is shown as Table 2.

Follow up detailed soil sampling and mapping	
a) assays	$4,000
b) wages and consumables	$3,000
c) supervision and geology	$2,000
d) Administration and reports	$1,000
TOTAL	$10,000

Table 2.

APPENDIX 1

ROCK CHIP DESCRIPTIONS AND RESULTS

4065: Ferruginous shale with boxwork textures
4066: Sandstone with boxwork textures
4067: Vein quartz
4068: Quartz vein in ferruginous shale
4069: Pegmatite
4070: Laminated quartz vein with ferruginous stains
4071: Vein quartz
4072: Vein quartz (subcrop)
7474: Quartz (float) with ferruginous stains and possible boxwork textures
7475: Quartz (float) with ferruginous stains and possible boxwork textures
7476: Quartz (float) with ferruginous and malachite stains
7477: Gossanous quartz (float)
7478: Gossanous quartz (float)
7479: Quartz (float) with ferruginous stains and boxwork textures
7480: Quartz (float) with ferruginous stains
7481: Quartz (float) with ferruginous stains
7482: Quartz (float) with ferruginous stains
7483: Quartz (float) with ferruginous stains
7484: Massive ironstone (float)

ANALYSIS REPORT

Assay Laboratories Group

PINE CREEK: Lot 174 Ward St,Pine Creek 0847
PO Box 41, Pine Creek 0847
Ph (089)761 262 Fax 761 310

NORTHERN GOLD NL

REPORT : PC 019957 2 Page(s) Date : 19/09/89

Client reference : N 00613

Cost code : NIL GIVEN

Copies to : MINE GEOLOGIST

Samples Received : 08/09/89	: Type	Preparation code

Analysis	Code	Quality Parameter	Detection	Units
Au	FA50	Acc. ±15 %	0.01	ppm
Au(R)	FA50	Acc. ±15 %	0.01	ppm
As	D100	Prec.±10 %	100	ppm
Cu	D100	Prec.±10 %	2	ppm
Pb	D100	Prec.±10 %	5	ppm
Zn	D100	Prec.±10 %	2	ppm
Mo	D100	Prec.±10 %	5	ppm
Sn	XRF	Prec.±10 %	10	ppm
Ta	XRF	Prec.±10 %	10	ppm

Laboratory Manager : Greg Walker

ANALYSIS REPORT

Assay Laboratories Group

REPORT : PC 019957

Sample	Au	Au(R)	Ag	Cu	Pb
4065	0.10	0.10	<100	142	76
4066	<0.01		<100	36	38
4067	0.02		<100	36	13
4068	0.14		750	69	21
4069	0.01		<100	22	21
4070	<0.01		<100	46	10
4071	<0.01		<100	40	12
4072	0.06		120	58	52

Data in ppm unless otherwise stated.

ANALYSIS REPORT

Assay Laboratories Group

REPORT : PC 019957

Sample	Zn	Mo	Sn	Ta
4065	35	17	—	—
4066	56	<5	—	—
4067	9	<5	—	—
4068	7	<5	—	—
4069	16	<5	142	37
4070	4	<5	—	—
4071	4	<5	—	—
4072	12	<5	—	—

Data in ppm unless otherwise stated.

E 6425 - Rocks

ANALYSIS REPORT

Australian Assay Laboratories Group

PINE CREEK: Lot 174 Ward St,Pine Creek 0847
PO Box 41, Pine Creek 0847
Ph (089)761 262 Fax 761 310

NORTHERN GOLD NL

REPORT : PC 020765 2 Page(s) Date : 08/11/89

Client reference : N 00663

Cost code : NIL GIVEN

Copies to : R.MONTI

Samples : Type Preparation code
Received : 26/10/89

Analysis	Code	Quality Parameter	Detection	Units
Au	FA50	Acc. ±15 %	0.01	ppm
Au(R)	FA50	Acc. ±15 %	0.01	ppm
As	ICP/D100	Prec.±10 %	2	ppm
g	ICP/D100	Prec.±10 %	1	ppm
Mo	ICP/D100	Prec.±10 %	2	ppm
Cu	ICP/D100	Prec.±10 %	2	ppm
Pb	ICP/D100	Prec.±10 %	5	ppm
Zn	ICP/D100	Prec.±10 %	2	ppm

ANALYSIS REPORT

Australian Assay Laboratories Group

REPORT : PC 020765

Sample	Au	Au(R)	As	Ag	Mo	Cu
7474	<0.01		129	<1	<2	19
7475	<0.01		72	<1	<2	20
7476	0.01		91	<1	<2	1177
7477	<0.01		266	<1	<2	49
7478	<0.01		164	<1	3	19
7479	<0.01		180	<1	<2	15
7480	<0.01		68	<1	2	15
7481	0.05	0.05	50	<1	3	13
7482	<0.01		21	<1	<2	14
7483	0.07	0.07	74	<1	3	17
7484	<0.01	<0.01	26	<1	2	10

Data in ppm unless otherwise stated.

ANALYSIS REPORT

Australian Assay Laboratories Group

REPORT : PC 020765

Sample	Pb	Zn
7474	25	34
7475	16	23
7476	7	8
7477	15	19
7478	6	10
7479	10	13
7480	6	5
7481	9	9
7482	7	6
7483	11	8
7484	14	15

Data in ppm unless otherwise stated.

APPENDIX 2

SOIL GEOCHEMISTRY ASSAY RESULTS

E 6765 · 30163

ANALYSIS REPORT

inc Sn & Ta

Assay Laboratories Group

PINE CREEK: Lot 174 Ward St,Pine Creek 0847
PO Box 41, Pine Creek 0847
Ph (089)761 262 Fax 761 310

NORTHERN GOLD NL

REPORT : PC 020147 16 Page(s) Date : 27/11/89

Client reference : N 00634 & 659

Cost code :

Copies to : R MONTI

Samples : Type Preparation code
Received : 19/09/89

Analysis	Code	Quality Parameter	Detection	Units
AuCN	BLEG	Prec.±10 %	0.1	ppb
As	D100	Prec.±10 %	2	ppm
Cu	D100	Prec.±10 %	2	ppm
Pb	D100	Prec.±10 %	5	ppm
Zn	D100	Prec.±10 %	2	ppm
Ag	D100	Prec.±10 %	1	ppm
Mo	ICP/D100	Prec.±10 %	2	ppm
Sn	XRF	Prec.±10 %	5	ppm
Ta	XRF	Prec.±10 %	10	ppm

Laboratory Manager : Greg Walker

ANALYSIS REPORT

Assay Laboratories Group

REPORT : PC 020147

Sample	AuCN*	As	Cu	Pb	Zn	Ag
7259	0.5	90	35	16	31	<1
7260	0.6	27	19	11	15	<1
7261	1.1	40	19	11	36	<1
7262	0.8	25	17	14	12	<1
7263	0.8	9	18	<5	7	<1
7264	1.2	8	17	<5	11	<1
7265	0.7	27	21	34	20	<1
7266	0.3	8	18	<5	31	<1
7267	0.1	14	17	5	33	<1
7268	<0.1	9	19	7	17	<1
7269	<0.1	25	20	10	25	<1
7270	<0.1	39	27	44	165	<1
7271	<0.1	36	20	11	17	<1
7272	<0.1	17	30	7	19	<1
7273	<0.1	30	52	37	32	<1
7274	<0.1	100	47	90	67	<1
7275	0.8	67	48	93	85	<1
7276	<0.1	53	38	24	24	<1
7277	<0.1	34	24	17	21	<1
7278	<0.1	33	29	17	11	<1
7279	<0.1	34	27	26	10	<1
7280	<0.1	16	30	18	18	<1
7281	<0.1	10	42	24	36	<1
7282	<0.1	<2	29	13	13	<1
7283	<0.1	11	34	14	19	<1

Data in ppm unless otherwise stated * see unit on fly sheet.

ANALYSIS REPORT

Assay Laboratories Group

REPORT : PC 020147

Sample	AuCN*	As	Cu	Pb	Zn	Ag
7284	<0.1	46	43	24	32	<1
7285	<0.1	75	59	27	10	<1
7286	<0.1	17	57	17	16	<1
7287	<0.1	<2	19	8	11	<1
7288	<0.1	12	19	7	12	<1
7289	<0.1	<2	15	11	4	<1
7290	<0.1	4	15	6	6	<1
7291	<0.1	<2	12	<5	6	<1
7292	<0.1	<2	15	7	26	<1
7293	<0.1	<2	21	<5	12	<1
7294	<0.1	4	16	7	13	<1
7295	<0.1	2	19	14	11	<1
7296	<0.1	2	15	9	20	<1
7297	<0.1	8	16	6	8	<1
7298	0.1	4	15	8	5	<1
7299	<0.1	34	18	9	7	<1
7300	0.6	26	22	16	10	<1
7301	0.1	27	28	20	16	<1
7302	0.4	16	35	8	33	<1
7303	0.8	65	20	8	22	<1
7304	4.9	112	28	7	32	<1
7305	1.9	158	33	7	36	<1
7306	3.5	186	33	11	69	<1
7307	1.1	195	33	9	45	<1
7308	0.2	117	28	22	38	<1

Data in ppm unless otherwise stated * see unit on fly sheet.

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Sample	AuCN#	As	Cu	Pb	Zn	Ag
7309	<0.1	88	35	37	26	<1
7310	<0.1	32	28	21	15	<1
7311	<0.1	41	29	14	15	<1
7312	<0.1	10	31	7	12	<1
7313	<0.1	68	35	20	12	<1
7314	<0.1	20	22	<5	3	<1
7315	<0.1	19	19	14	3	<1
7316	<0.1	35	25	21	4	<1
7317	<0.1	41	26	16	6	<1
7318	<0.1	85	33	26	23	<1
7319	<0.1	69	38	48	61	<1
7320	<0.1	47	32	36	82	<1
7321	<0.1	24	30	20	32	<1
7322	<0.1	10	23	<5	11	<1
7323	<0.1	15	25	6	10	<1
7324	<0.1	3	16	<5	5	<1
7325	<0.1	4	11	<5	6	<1
7326	<0.1	<2	10	<5	9	<1
7327	<0.1	3	13	<5	62	<1
7328	<0.1	<2	11	<5	11	<1
7329	<0.1	8	13	6	28	<1
7330	<0.1	3	12	<5	5	<1
7331	<0.1	<2	13	<5	10	<1
7332	<0.1	<2	14	<5	10	<1
7333	<0.1	3	15	<5	15	<1

Data in ppm unless otherwise stated * see unit on fly sheet.

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Sample	AuCN#	As	Cu	Pb	Zn	Ag
7334	<0.1	9	17	<5	17	<1
7335	<0.1	34	28	6	16	<1
7336	0.3	9	26	<5	6	<1
7337	0.3	5	18	<5	3	<1
7338	<0.1	26	21	<5	7	<1
7339	0.8	23	20	11	16	<1
7340	0.4	26	22	13	10	<1
7341	0.5	24	26	8	32	<1
7342	0.6	26	39	14	43	<1
7343	1.0	26	27	16	59	<1
7344	1.0	58	32	15	127	<1
7345	13.0	121	33	10	57	<1
7346	4.9	118	40	7	51	<1
7347	3.1	97	48	8	31	<1
7348	1.2	44	44	22	32	<1
7349	0.7	33	31	35	66	<1
7350	0.7	26	34	37	59	<1
7351	0.1	18	32	33	51	<1
7352	<0.1	15	33	28	32	<1
7353	<0.1	16	31	41	33	<1
7354	<0.1	51	32	32	18	<1
7355	<0.1	34	30	73	57	<1
7356	<0.1	101	35	142	169	<1
7357	<0.1	80	27	95	158	<1
7358	<0.1	51	37	66	75	<1

Data in ppm unless otherwise stated * see unit on fly sheet.

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Sample	AuCN#	As	Cu	Pb	Zn	Ag
7359	<0.1	13	28	19	32	<1
7360	<0.1	10	23	14	28	<1
7361	<0.1	21	26	19	12	<1
7362	<0.1	11	18	9	6	<1
7363	<0.1	<2	13	13	11	<1
7364	<0.1	<2	11	9	8	<1
7365	<0.1	5	11	5	5	<1
7366	<0.1	<2	10	10	20	<1
7367	<0.1	4	10	10	6	<1
7368	<0.1	<2	10	<5	6	<1
7369	<0.1	<2	9	6	5	<1
7370	<0.1	2	10	<5	4	<1
7371	<0.1	3	11	<5	3	<1
7372	<0.1	6	22	15	6	<1
7373	<0.1	8	25	15	7	<1
7374	<0.1	12	25	18	6	<1
7375	0.3	<2	21	7	5	<1
7376	0.1	4	20	8	5	<1
7377	10.1	29	22	10	8	<1
7378	0.4	3	18	6	6	<1
7379	1.0	7	20	10	7	<1
7380	1.1	4	23	<5	4	<1
7381	0.4	9	20	8	5	<1
7382	<0.1	4	26	8	10	<1
7383	0.8	31	18	14	3	<1

Data in ppm unless otherwise stated * see unit on fly sheet.

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Sample	AuCN*	As	Cu	Pb	Zn	Ag
7384	7.9	42	27	19	29	<1
7385	19.1	67	39	20	31	<1
7386	1.4	136	28	22	8	<1
7387	1.6	67	56	35	37	<1
7388	0.4	32	29	22	10	<1
7389	4.1	40	29	75	28	<1
7390	0.3	63	38	32	26	<1
7391	0.3	36	27	62	19	<1
7392	0.2	24	19	27	6	<1
7393	<0.1	39	33	33	7	<1
7394	1.1	56	32	32	9	<1
7395	<0.1	55	29	33	6	<1
7396	<0.1	45	32	26	10	<1
7397	<0.1	21	29	22	13	<1
7398	<0.1	8	26	17	36	<1
7399	<0.1	22	27	16	15	<1
7400	<0.1	<2	16	7	5	<1
7401	<0.1	<2	15	7	21	<1
7402	<0.1	<2	15	7	9	<1
7403	<0.1	<2	14	7	<2	<1
7404	<0.1	<2	11	5	12	<1
7405	<0.1	<2	14	6	10	<1
7406	<0.1	5	11	<5	9	<1
7407	<0.1	2	12	7	12	<1
7408	<0.1	<2	6	<5	7	<1

Data in ppm unless otherwise stated * see unit on fly sheet.

ANALYSIS REPORT

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Sample	AuCN*	As	Cu	Pb	Zn	Ag
7409	<0.1	<2	7	5	5	<1
7410	<0.1	<2	27	16	39	<1
7411	<0.1	<2	26	21	37	<1
7412	<0.1	<2	33	21	41	<1
7413	<0.1	4	19	6	6	<1
7414	6.0	9	22	16	5	<1
7415	0.2	14	40	13	5	<1
7416	0.2	15	40	17	7	<1
7417	0.8	16	36	36	13	<1
7418	0.2	10	22	44	11	<1
7419	1.0	8	41	31	12	<1
7420	0.2	5	24	17	7	<1
7421	0.1	4	18	9	5	<1
7422	0.6	11	23	17	4	<1
7423	1.5	20	18	15	7	<1
7424	2.0	23	19	33	36	<1
7425	1.4	45	21	41	107	<1
7426	0.8	34	23	38	25	<1
7427	0.2	2	14	19	6	<1
7428	<0.1	2	18	7	4	<1
7429	0.2	<2	21	6	9	<1
7430	0.8	14	24	20	7	<1
7431	0.3	22	42	25	24	<1
7432	0.1	35	25	26	5	<1
7433	<0.1	46	27	35	19	<1

Data in ppm unless otherwise stated * see unit on fly sheet.

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Sample	AuCN*	As	Cu	Pb	Zn	Ag
7434	<0.1	36	23	29	6	<1
7435	<0.1	30	21	20	6	<1
7436	<0.1	36	24	26	32	<1
7437	<0.1	16	27	18	23	<1
7438	<0.1	15	25	21	30	<1
7439	0.1	14	26	12	26	<1
7440	<0.1	13	25	19	49	<1
7441	<0.1	10	22	15	57	<1
7442	<0.1	9	17	9	21	<1
7443	<0.1	8	20	8	20	<1
7444	<0.1	5	14	<5	17	<1
7445	<0.1	3	10	<5	12	<1
7446	<0.1	3	12	<5	8	<1
7447	<0.1	<2	17	<5	10	<1

Data in ppm unless otherwise stated * see unit on fly sheet.

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Sample	Mo	Sn	Ta
7259	4	9	<10
7260	2	10	<10
7261	<2	9	<10
7262	<2	9	<10
7263	<2	9	<10
7264	<2	13	<10
7265	<2	<5	<10
7266	<2	13	<10
7267	<2	8	<10
7268	<2	<5	<10
7269	4	10	<10
7270	2	11	<10
7271	2	9	<10
7272	<2	11	<10
7273	<2	28	<10
7274	4	44	<10
7275	<2	23	<10
7276	<2	15	<10
7277	<2	7	<10
7278	5	12	<10
7279	<2	8	12
7280	<2	9	<10
7281	3	14	<10
7282	<2	6	<10
7283	2	6	<10

Data in ppm unless otherwise stated % see unit on fly sheet.

ANALYSIS REPORT

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Sample	Mo	Sn	Ta
7284	2	16	<10
7285	7	14	21
7286	3	7	<10
7287	<2	11	<10
7288	<2	9	<10
7289	<2	6	<10
7290	3	6	<10
7291	<2	5	<10
7292	<2	8	<10
7293	<2	<5	<10
7294	<2	7	<10
7295	3	12	<10
7296	2	11	<10
7297	<2	9	<10
7298	<2	11	<10
7299	3	8	<10
7300	<2	11	<10
7301	<2	14	<10
7302	<2	6	<10
7303	<2	<5	<10
7304	2	<5	<10
7305	6	8	<10
7306	<2	<5	<10
7307	<2	16	<10
7308	3	8	<10

Data in ppm unless otherwise stated % see unit on fly sheet.

ANALYSIS REPORT

Australian Assay Laboratories Group

REPORT : PC 020147

Sample	Mo	Sn	Ta
7309	<2	<5	<10
7310	4	9	<10
7311	<2	7	<10
7312	3	11	<10
7313	3	14	<10
7314	<2	11	<10
7315	4	6	<10
7316	2	5	<10
7317	2	7	<10
7318	3	<5	<10
7319	3	36	<10
7320	2	5	<10
7321	<2	13	<10
7322	<2	11	<10
7323	<2	20	<10
7324	4	10	<10
7325	2	10	<10
7326	3	7	<10
7327	<2	9	<10
7328	<2	9	<10
7329	3	6	<10
7330	2	<5	<10
7331	<2	9	<10
7332	2	7	<10
7333	3	5	<10

Data in ppm unless otherwise stated * see unit on fly sheet.

ANALYSIS REPORT

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REPORT : PC 020147

Sample	Mo	Sn	Ta
7334	3	11	<10
7335	6	13	<10
7336	<2	8	<10
7337	<2	8	<10
7338	<2	<5	<10
7339	<2	5	<10
7340	<2	5	<10
7341	<2	11	<10
7342	<2	5	<10
7343	4	6	<10
7344	<2	<5	<10
7345	4	10	<10
7346	<2	10	<10
7347	<2	11	<10
7348	<2	16	<10
7349	<2	8	<10
7350	<2	7	<10
7351	<2	13	<10
7352	<2	7	<10
7353	4	8	<10
7354	<2	8	<10
7355	<2	9	<10
7356	<2	7	<10
7357	<2	16	<10
7358	2	9	<10

Data in ppm unless otherwise stated % see unit on fly sheet.

ANALYSIS REPORT

Australian Assay Laboratories Group

REPORT : PC 020147

Sample	Mo	Sn	Ta
7359	<2	6	<10
7360	<2	13	<10
7361	<2	9	<10
7362	<2	14	<10
7363	<2	10	<10
7364	<2	<5	<10
7365	<2	<5	<10
7366	<2	6	<10
7367	<2	<5	<10
7368	<2	9	<10
7369	<2	6	<10
7370	<2	9	<10
7371	<2	6	<10
7372	<2	7	<10
7373	<2	6	<10
7374	<2	<5	<10
7375	<2	9	<10
7376	<2	5	<10
7377	2	<5	<10
7378	<2	6	<10
7379	<2	8	<10
7380	<2	9	<10
7381	<2	6	<10
7382	<2	6	<10
7383	<2	11	<10

Data in ppm unless otherwise stated * see unit on fly sheet.

ANALYSIS REPORT

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REPORT : PC 020147

Sample	Mo	Sn	Ta
7384	<2	8	<10
7385	4	<5	<10
7386	<2	10	<10
7387	<2	7	<10
7388	<2	9	<10
7389	<2	<5	<10
7390	3	19	28
7391	<2	10	<10
7392	2	17	<10
7393	3	11	<10
7394	6	21	<10
7395	3	15	<10
7396	3	13	<10
7397	5	11	<10
7398	<2	5	<10
7399	<2	12	<10
7400	2	8	<10
7401	<2	8	<10
7402	<2	<5	<10
7403	<2	10	<10
7404	<2	7	<10
7405	<2	12	<10
7406	<2	<5	<10
7407	<2	8	<10
7408	<2	9	<10

Data in ppm unless otherwise stated * see unit on fly sheet.

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Sample	Mo	Sn	Ta
7409	<2	5	<10
7410	<2	8	<10
7411	<2	10	<10
7412	<2	14	<10
7413	<2	6	<10
7414	3	5	<10
7415	7	<5	<10
7416	2	5	<10
7417	4	14	<10
7418	3	10	<10
7419	<2	<5	<10
7420	<2	10	<10
7421	<2	8	<10
7422	3	14	<10
7423	5	7	<10
7424	<2	12	<10
7425	2	<5	<10
7426	<2	<5	<10
7427	<2	8	<10
7428	<2	8	<10
7429	<2	<5	<10
7430	<2	8	<10
7431	4	10	<10
7432	2	8	<10
7433	5	18	<10

Data in ppm unless otherwise stated % see unit on fly sheet.

ANALYSIS REPORT

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Sample	Mo	Sn	Ta
7434	3	16	<10
7435	<2	20	<10
7436	<2	13	<10
7437	<2	12	<10
7438	<2	<5	<10
7439	<2	7	<10
7440	<2	23	<10
7441	<2	8	<10
7442	<2	11	<10
7443	<2	9	<10
7444	<2	6	<10
7445	<2	9	<10
7446	<2	5	<10
7447	<2	7	<10

Data in ppm unless otherwise stated * see unit on fly sheet.