



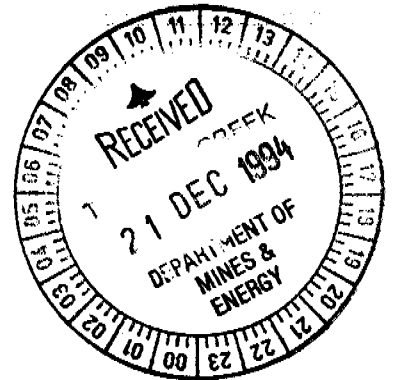
# POSEIDON GOLD LIMITED

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A PosGold Company

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## ANNUAL REPORT

FOR EXPLORATION LICENCE 8431

FOR THE PERIOD 24/12/93 TO 23/12/94

BARROW CREEK DISTRICT, NORTHERN TERRITORY

## HANSA PROSPECT

BARROW CREEK  
TENNANT CREEK 1:250,000 SHEET SF 53-6

### VOLUME 1 OF 1

**AUTHOR:** S MUJDRICA  
EXPLORATION GEOLOGIST

**DATE:** DECEMBER 1994

**AUTHORISED BY:** *S.M.*

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### LIST OF PLANS

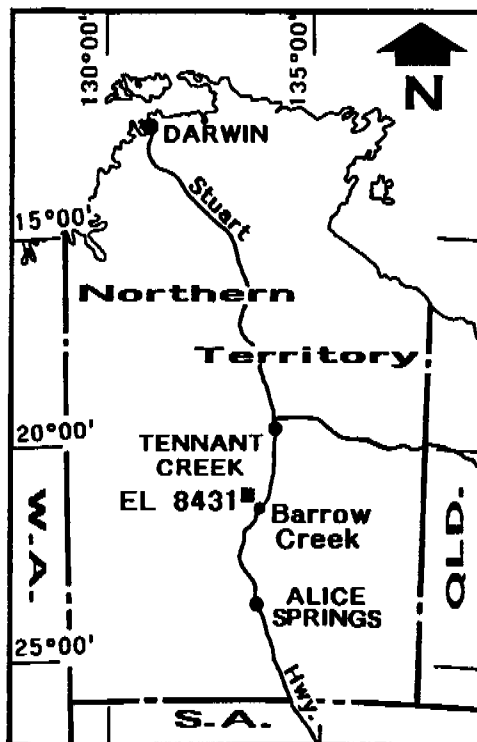
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<b><u>Appendix No.</u></b>	<b><u>Title</u></b>
1	Minus 80# Soil Geochemistry Results
2	Bibliographic Data Sheet

REPORT NO: 14762  
TITLE: ANNUAL REPORT FOR EXPLORATION LICENCE 8431, FOR THE PERIOD 24/12/93 TO 23/12/94, BARROW CREEK DISTRICT, NORTHERN TERRITORY, HANSA PROSPECT  
AUTHOR: S MUJDRICA  
DATE: DECEMBER 1994



## 1. SUMMARY

The area covered by the Barrow Creek Joint Venture (BCJV) is located approximately 200 kilometres south of Tennant Creek and is being explored for economic shear hosted and/or "Granites" style gold mineralisation. Exploration Licence 8431, situated in the western portion of the Barrow Creek Group of tenements, is located 35 kilometres north-west of Barrow Creek Hotel and consists of 142 graticular blocks, granted on 24 December 1993. Exploration of EL 8431 during its first year of tenure has included hand and compass gridding, minus 80 mesh regional soil sampling and geological reconnaissance work. The planned soil geochemistry programme was not completed because of bad weather conditions.

## 2. INTRODUCTION

Exploration Licence 8431 which forms part of the Barrow Creek Group of tenements, is currently being explored for "Granites" style and/or shear hosted gold mineralisation

under a joint venture agreement between Poseidon Gold Limited (PosGold), Normandy Exploration (Norex) and Yuendumu Mining Company (YMC).

Exploration carried out on EL 8431 by PosGold on behalf of the BCJV has included hand and compass gridding, regional soil geochemistry and reconnaissance geological mapping, refer Table 1.

## **2.1 Location and Access**

Exploration Licence 8431 is located approximately 200km south of Tennant Creek and 35km north-west of the Barrow Creek Hotel, refer Figure 1. Access is via station tracks off the Stuart Highway and can be difficult during the spring/summer period because of the weather affecting the condition of the dirt tracks.

## **2.2 Tenement Status**

Exploration Licence 8431 consists of 142 graticular blocks and was applied for and subsequently granted to PosGold on 24 December 1993 for a period of two years. As part of the EL falls within the BCJV Area of Interest, the licence has been included under the Joint Venture Agreement.

## **2.3 Previous Exploration**

There is little evidence of past exploration within the area of interest.

Kewanee Australia Pty Ltd undertook a broad exploration programme between 1970-74 within the Crawford-Osborne Range area. Several targets were delineated by a combination of airborne magnetics, radiometrics and EM survey techniques. Targets generated by this method were followed up with geological mapping, sampling and a combination of percussion, reverse circulation and diamond drilling. This work delineated a sub-economic Cu-Ni resource (Prospect D), but grade was considered too low to warrant further investigation, and the ground was relinquished in 1973.

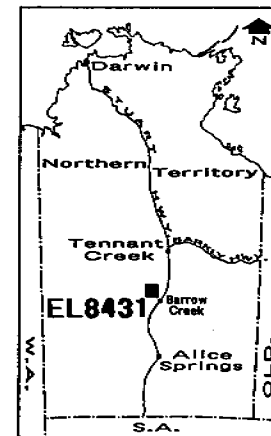
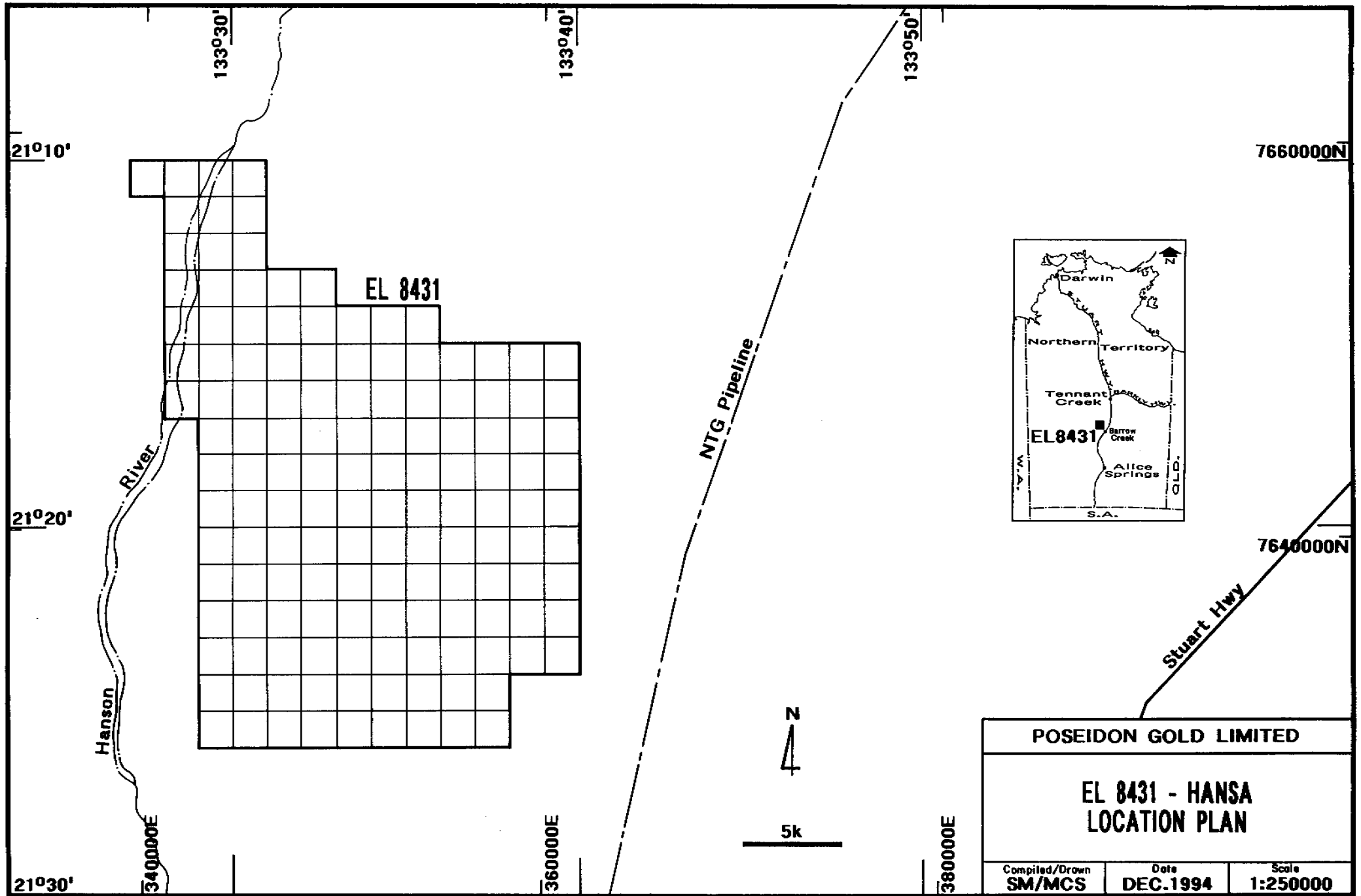
Limited exploration was conducted by Australus Mining Co Pty Ltd during 1969, for base metal potential in the Crawford Range area. Pegmatites, granites and metadolerites were targeted with disappointing results.

Reconnaissance work over the southern portion of the Barrow Creek area was carried out by Poseidon Gold during early 1993. This included reconnaissance geological mapping (refer to Figure 2) and soil geochemistry.

# **3. GEOLOGICAL SETTING**

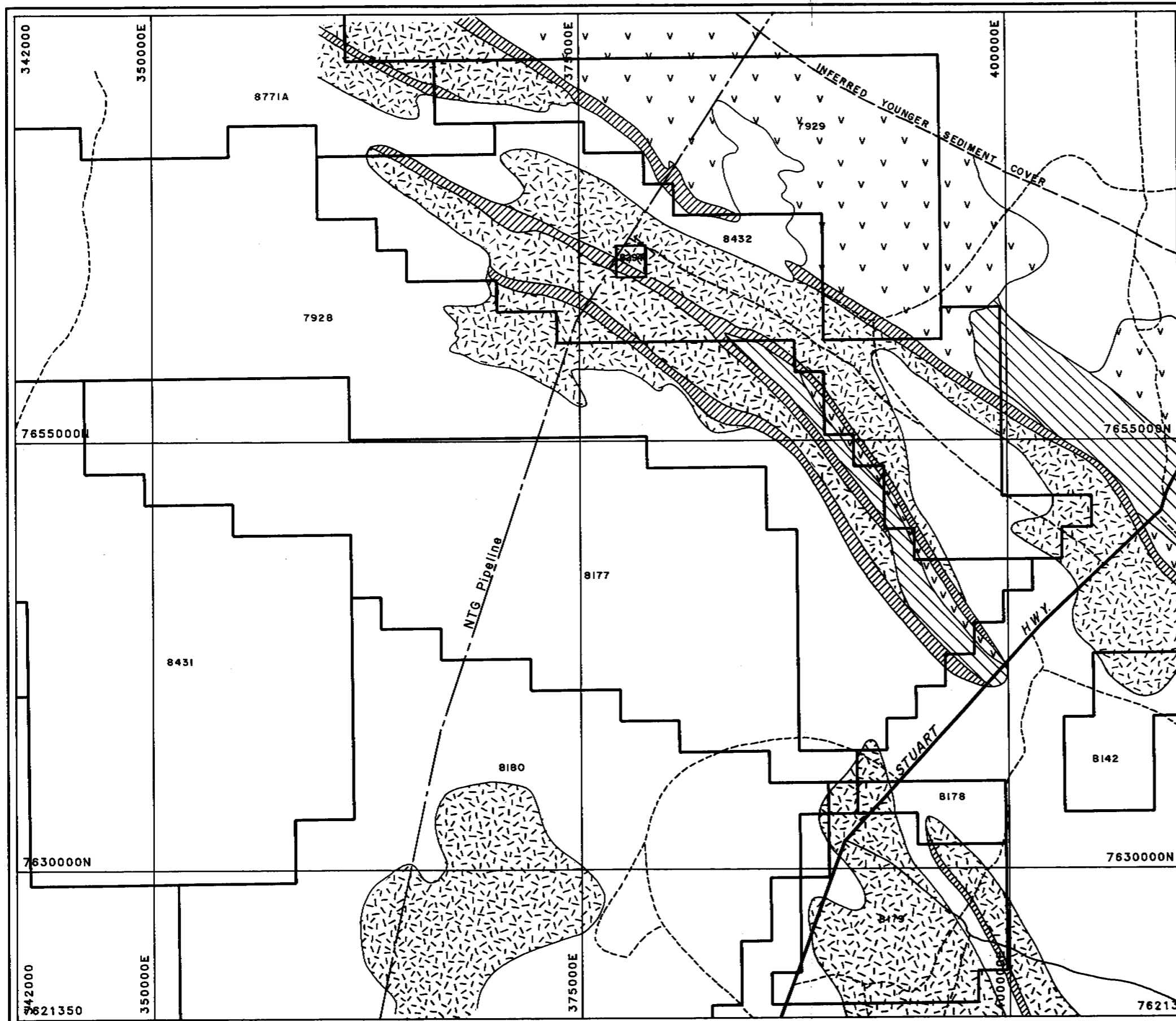
## **3.1 Regional Geology**






Biotite/muscovite-quartz schists (Bullion Schist) are the oldest rocks identified in the Barrow Creek area. Discontinuous lenses of amphibolites/metadolerites occur within this unit, together comprising the Arunta Inlier. Deformation and regional



<b>POSEIDON GOLD LIMITED</b>		
<b>EL 8431 - HANSA LOCATION PLAN</b>		
Compiled/Drawn <b>SM/MCS</b>	Date <b>DEC.1994</b>	Scale <b>1:250000</b>

Figure No. 1



-  Undivided Granitoids
- Hatches Creek Group**
  -  Illoquara Sandstone
  -  Gwynne Sandstone
  -  Strzelecki Volcanics
- Arunta Inlier**
  -  Bullion Schist

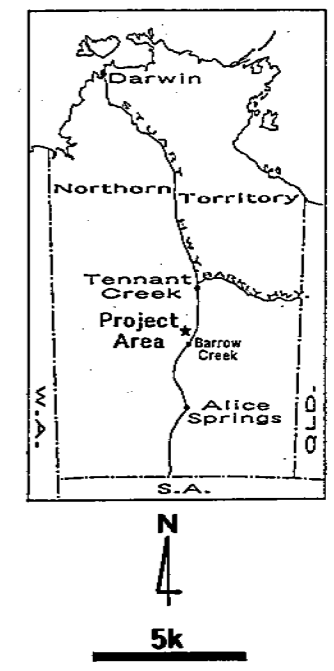


Figure No. 2

<b>POSEIDON GOLD LIMITED</b>			
<b>BARROW CREEK JOINT VENTURE</b>			
<b>REGIONAL INTERPRETATIVE GEOLOGY</b>			
<b>CRAWFORD - TAYLOR SHEETS</b>			
SCALE 1:250000	DRAWN mcs DATAMINE	DATE 12 DEC 94	CHECKED SM



metamorphism to upper greenschist facies took place between 1810-1750 Ma (Black, 1981).

Unconformably overlying these rocks are the Lower Proterozoic Hatches Creek Group, consisting of shallow marine sediments and felsic to mafic volcanics. The Hatches Creek Group can be subdivided into a lower and upper unit, the lower made up of immature sandstones and pelites, while the upper unit comprises more mature cross-bedded arenites and siltstones.

Following deposition, the Hatches Creek Group was folded about NW trending axes and metamorphosed to upper greenschist facies. Later intrusion of both the Arunta basement and the Hatches Creek Group by granitoids took place around 1660 Ma (Blake *et al*, 1987).

A long erosional period followed with subsequent weathering during the Tertiary to produce silcrete and ferricrete horizons. A thin veneer of Quaternary sands and soils overlays the area.

### 3.2 Local Geology

Surface geology over Exploration Licence 8431 ranges from outcrop to thick cover in washout areas, and on average there is 4-5m of soil cover. The dominant lithologies include mica-sericite schists to the west, interpreted to be part of the Bullion Schist Formation, along with undivided granites of the Barrow Creek Granite Complex intruding the majority of the EL. A strong NW-SE foliation is observed in the region.

## 4. EXPLORATION SUMMARY RESULTS (24/12/93 TO 23/12/94)

EL 8431 has been investigated by an exploration programme in its first year of tenure which has included hand and compass gridding, soil sampling and reconnaissance geological mapping.

A summary of work completed to December 1994 is shown in Table 1 below:

**TABLE 1**  
**SUMMARY WORK STATISTICS FOR EL 8431 (24/12/93 TO 23/12/94)**

GRIDDING  
- Hand and Compass 97km

GEOCHEMISTRY  
- Minus 80# soil samples 338

Reconnaissance Geological Mapping

#### 4.1 Geological Reconnaissance Mapping

Geological mapping of the area was carried out to visualise the regional geological setting within the Barrow Creek area. Interpretation of aeromagnetic data compiled from the Bureau of Mineral Resources was used to compile the regional interpretive geology map shown in Figure 2.

#### 4.2 Minus 80 Mesh Soil Geochemistry

A total of 338 minus 80 mesh regional soil samples have been collected over EL 8431 in the first year of tenure. Samples were taken on a 500 metre x 250 metre spaced grid in the northern and central western parts of the EL (refer to Plans 1 and 6). The soil sampling programme was planned to cover all the western region of the EL but bad weather conditions halted the programme until next year.

All soil samples were submitted to Australian Laboratory Services (Alice Springs) for low level gold-arsenic-base metal analysis (refer to Appendix 1). Anomalous gold, arsenic, copper and zinc values were found in the western part (Area 1) of the exploration licence which returned 9 ppb Au in the central western area, 4 ppm As in the northern area, 15 ppm Cu in the central western area and 29 ppm Zn in the north-eastern area (refer to Plans 1-5). However, there does not appear to be any correlation between each anomalous element encountered. No anomalous values were encountered in the soil programme to the north (Area 2) of the exploration licence (Plans 6-10).

### 5. EXPLORATION EXPENDITURE (24/12/93 TO 23/12/94)

The exploration expenditure in year one of tenure for Exploration Licence 8431 is outlined in Table 2 below:

**TABLE 2**  
**EXPLORATION EXPENDITURE FOR EL 8431 FROM 24/12/93 TO 23/12/94**

EXPENSE	COST
Employee Costs	\$ 10,713
Overheads	\$ 1,681
Assays	\$ 4,830
Operating	\$ 24,227
Specialist Services	\$ 100
Tenement Management	\$ 100
Research	\$ 50
	<hr/>
Total	\$ 41,701
Covenant	\$ 30,000

**6. CONCLUSIONS AND RECOMMENDATIONS**

The planned regional soil geochemistry programme over EL 8431 was only partly completed due to bad weather. The samples that were collected returned anomalous values which indicate that soil geochemistry may be the correct approach to regional exploration on the exploration licence. It is recommended that the soil programme be finished in the second year of tenure and that anomalous areas be followed up using vacuum drilling.

**7. PROPOSED EXPLORATION EXPENDITURE (24/12/94 TO 23/12/95)**

Exploration over EL 8431 during the next 12 months will include finishing the previous soil sampling programme and vacuum drilling over soil anomalies.

<b>EXPENSE</b>	<b>COST</b>
Employee Costs	\$ 8,000
Overheads	\$ 3,100
Drilling Costs	\$ 5,200
Assays	\$ 6,300
Operating	\$ 9,500
Specialist Services	\$ 100
Research	\$ 100
Total	<hr/> \$ 32,300

8. REFERENCES

BLAKE, T U; STEWART A J; SWEET I P; AND HONE I E, (1987) : *Geology of the Proterozoic Davenport Province, Central Australia*. Bureau of Mineral Resources, Australia, Bulletin, 226.

BLACK, L P, (1981) : *Age of the Warramunga Group, Tennant Creek Block, Northern Territory*, BMR Journal of Australian Geology and Geophysics, 6, 253-257.

**APPENDIX ONE**

**MINUS 80# SOIL GEOCHEMISTRY RESULTS**

BARROW CREEK JOINT VENTURE  
 EL 8431 - HANSA  
 SOIL GEOCHEMISTRY ASSAY RESULTS

Sample Number	Easting (m)	Northing (m)	Mo ppm Detection Limit : <5	Cu ppm <5	Pb ppm <5	Zn ppm <5	Ag ppm <1	As ppm <2
752781.	344997.	7634502.	.00	6.00	.00	.00	.00	-
752782.	344994.	7634244.	.00	6.00	.00	.00	.00	-
752783.	344979.	7633992.	.00	6.00	.00	5.00	.00	4.00
752784.	344992.	7633743.	.00	8.00	.00	6.00	.00	2.00
752785.	344989.	7633497.	.00	7.00	.00	7.00	.00	2.00
752786.	344978.	7633242.	.00	7.00	.00	6.00	.00	2.00
752787.	344990.	7632996.	.00	7.00	.00	5.00	.00	2.00
752788.	344978.	7632739.	.00	8.00	.00	7.00	.00	2.00
752789.	344976.	7632492.	.00	8.00	.00	7.00	.00	2.00
752790.	344986.	7632241.	.00	8.00	.00	7.00	.00	2.00
752791.	344974.	7631995.	.00	8.00	.00	9.00	.00	2.00
752792.	344985.	7631741.	.00	9.00	.00	8.00	.00	2.00
752793.	344982.	7631485.	.00	8.00	.00	8.00	.00	2.00
752794.	344500.	7631500.	.00	9.00	.00	7.00	.00	3.00
752795.	344500.	7631751.	.00	9.00	.00	7.00	.00	2.00
752796.	344500.	7632000.	.00	10.00	.00	8.00	.00	2.00
752797.	344500.	7632250.	.00	9.00	.00	7.00	.00	2.00
752798.	344500.	7632500.	.00	9.00	.00	11.00	.00	2.00
752799.	344500.	7632751.	.00	8.00	.00	7.00	.00	2.00
752800.	344500.	7633000.	.00	6.00	.00	6.00	.00	-
752801.	344465.	7633245.	.00	9.00	.00	7.00	.00	2.00
752802.	344467.	7633492.	.00	7.00	.00	6.00	.00	-
752803.	344468.	7633747.	.00	9.00	.00	8.00	.00	2.00
752804.	344472.	7633993.	.00	6.00	.00	.00	.00	-
752805.	344471.	7634247.	.00	7.00	.00	5.00	.00	-
752806.	344476.	7634507.	.00	6.00	.00	5.00	.00	-
752807.	344467.	7634749.	.00	7.00	.00	5.00	.00	-
752808.	344475.	7634993.	.00	8.00	.00	6.00	.00	2.00
752809.	344478.	7635242.	.00	7.00	.00	7.00	.00	-
752810.	344471.	7635493.	.00	8.00	.00	11.00	.00	-
752811.	344473.	7635746.	.00	7.00	.00	7.00	.00	-
752812.	344480.	7636005.	.00	12.00	.00	9.00	.00	2.00
752813.	344479.	7636248.	.00	9.00	.00	8.00	.00	-
752814.	344482.	7636504.	.00	6.00	.00	5.00	.00	-
752815.	342990.	7636745.	.00	8.00	.00	7.00	.00	-
752816.	342983.	7636996.	.00	6.00	.00	6.00	.00	-
752817.	342992.	7637242.	.00	8.00	.00	9.00	.00	-
752818.	342992.	7637489.	.00	8.00	.00	7.00	.00	-
752819.	342992.	7637744.	.00	6.00	.00	6.00	.00	-
752820.	342995.	7637999.	.00	7.00	.00	6.00	.00	-
752821.	342990.	7638241.	.00	7.00	.00	7.00	.00	-
752822.	342983.	7638501.	.00	8.00	.00	8.00	.00	-
752823.	342991.	7638740.	.00	6.00	.00	6.00	.00	-
752824.	342982.	7639000.	.00	5.00	.00	.00	.00	-
752825.	342990.	7639249.	.00	6.00	.00	.00	.00	-
752826.	342989.	7639509.	.00	5.00	.00	5.00	.00	-
752827.	343000.	7639749.	.00	5.00	.00	5.00	.00	-
752828.	343001.	7639997.	.00	5.00	.00	5.00	.00	-
752829.	342998.	7640249.	.00	7.00	.00	9.00	.00	2.00
752830.	343001.	7640510.	.00	9.00	.00	9.00	.00	2.00
752831.	342998.	7640751.	.00	8.00	.00	7.00	.00	2.00

BARROW CREEK JOINT VENTURE  
 EL 8431 - HANSA  
 SOIL GEOCHEMISTRY ASSAY RESULTS

Sample Number	Easting (m)	Northing (m)	Bi ppm <5	Mn ppm <5	Fe % <.01
752781.	344997.	7634502.	.00	207.00	1.65
752782.	344994.	7634244.	.00	202.00	1.74
752783.	344979.	7633992.	.00	206.00	1.70
752784.	344992.	7633743.	.00	294.00	1.87
752785.	344989.	7633497.	.00	228.00	1.81
752786.	344978.	7633242.	.00	251.00	1.89
752787.	344990.	7632996.	.00	242.00	1.88
752788.	344978.	7632739.	.00	233.00	1.90
752789.	344976.	7632492.	.00	230.00	1.84
752790.	344986.	7632241.	.00	207.00	1.83
752791.	344974.	7631995.	.00	219.00	1.91
752792.	344985.	7631741.	.00	214.00	1.99
752793.	344982.	7631485.	.00	243.00	1.92
752794.	344500.	7631500.	.00	230.00	2.11
752795.	344500.	7631751.	.00	227.00	1.98
752796.	344500.	7632000.	.00	222.00	2.26
752797.	344500.	7632250.	.00	256.00	2.20
752798.	344500.	7632500.	.00	281.00	1.91
752799.	344500.	7632751.	.00	148.00	1.90
752800.	344500.	7633000.	.00	93.00	1.61
752801.	344465.	7633245.	.00	210.00	2.09
752802.	344467.	7633492.	.00	191.00	1.83
752803.	344468.	7633747.	.00	196.00	1.98
752804.	344472.	7633993.	.00	167.00	1.67
752805.	344471.	7634247.	.00	141.00	1.88
752806.	344476.	7634507.	.00	167.00	1.78
752807.	344467.	7634749.	.00	208.00	1.85
752808.	344475.	7634993.	.00	189.00	1.94
752809.	344478.	7635242.	.00	271.00	1.98
752810.	344471.	7635493.	.00	255.00	2.08
752811.	344473.	7635746.	.00	188.00	1.98
752812.	344480.	7636005.	.00	260.00	2.30
752813.	344479.	7636248.	.00	188.00	2.27
752814.	344482.	7636504.	.00	221.00	1.79
752815.	342990.	7636745.	.00	195.00	1.87
752816.	342983.	7636996.	.00	150.00	1.68
752817.	342992.	7637242.	.00	217.00	1.90
752818.	342992.	7637489.	.00	208.00	1.99
752819.	342992.	7637744.	.00	180.00	1.76
752820.	342995.	7637999.	.00	205.00	1.85
752821.	342990.	7638241.	.00	220.00	1.92
752822.	342983.	7638501.	.00	186.00	2.11
752823.	342991.	7638740.	.00	191.00	1.91
752824.	342982.	7639000.	.00	169.00	1.74
752825.	342990.	7639249.	.00	189.00	1.85
752826.	342989.	7639509.	.00	198.00	1.85
752827.	343000.	7639749.	.00	173.00	1.86
752828.	343001.	7639997.	.00	155.00	1.74
752829.	342998.	7640249.	.00	169.00	1.70
752830.	343001.	7640510.	.00	203.00	1.82
752831.	342998.	7640751.	.00	171.00	1.75

BARROW CREEK JOINT VENTURE  
 EL 8431 - HANSA  
 SOIL GEOCHEMISTRY ASSAY RESULTS

Sample Number	Easting (m)	Northing (m)	Cd ppm Detection Limit : <1	Co ppm <5	Cr ppm <5	V ppm <10	Au ppb <1	Ni ppm <5
752832.	343008.	7640998.	1.00	.00	22.00	43.00	.00	6.00
752833.	343467.	7641004.	1.00	.00	20.00	36.00	.00	.00
752834.	343473.	7640746.	1.00	6.00	24.00	48.00	.00	8.00
752835.	343464.	7640512.	2.00	7.00	24.00	44.00	1.00	9.00
752836.	343479.	7640248.	2.00	6.00	24.00	39.00	2.00	8.00
752837.	343478.	7639991.	2.00	8.00	25.00	52.00	.00	9.00
752838.	343467.	7639748.	2.00	6.00	23.00	45.00	.00	7.00
752839.	343472.	7639503.	2.00	6.00	21.00	46.00	.00	7.00
752840.	343487.	7639241.	1.00	5.00	20.00	40.00	.00	5.00
752841.	343482.	7638993.	2.00	5.00	20.00	42.00	1.00	5.00
752842.	343481.	7638733.	2.00	6.00	22.00	48.00	1.00	5.00
752843.	343491.	7638499.	2.00	5.00	21.00	43.00	.00	6.00
752844.	343479.	7638244.	2.00	6.00	21.00	44.00	.00	6.00
752845.	343478.	7637993.	2.00	7.00	22.00	45.00	2.00	8.00
752846.	343483.	7637740.	2.00	5.00	22.00	44.00	1.00	7.00
752847.	343483.	7637493.	2.00	5.00	21.00	43.00	1.00	6.00
752848.	343482.	7637240.	2.00	5.00	20.00	43.00	.00	5.00
752849.	343498.	7636991.	2.00	6.00	21.00	44.00	.00	7.00
752850.	343496.	7636745.	2.00	5.00	20.00	44.00	.00	6.00
752852.	344000.	7637000.	2.00	5.00	22.00	46.00	.00	7.00
752853.	344000.	7637250.	2.00	6.00	22.00	45.00	1.00	8.00
752854.	344000.	7637500.	2.00	5.00	22.00	45.00	.00	7.00
752855.	344000.	7637751.	2.00	6.00	24.00	47.00	.00	7.00
752856.	344000.	7638000.	2.00	6.00	23.00	49.00	.00	7.00
752857.	344000.	7638250.	2.00	6.00	23.00	49.00	.00	8.00
752858.	344000.	7638500.	2.00	5.00	22.00	46.00	.00	6.00
752859.	344000.	7638751.	2.00	6.00	23.00	49.00	.00	7.00
752860.	344000.	7639000.	1.00	6.00	22.00	43.00	.00	6.00
752861.	344000.	7639000.	1.00	6.00	25.00	49.00	.00	7.00
752862.	344500.	7638751.	1.00	6.00	24.00	45.00	2.00	8.00
752863.	344500.	7638500.	2.00	7.00	25.00	53.00	3.00	9.00
752864.	344500.	7638250.	2.00	6.00	24.00	52.00	3.00	7.00
752865.	344500.	7638000.	2.00	6.00	23.00	46.00	2.00	7.00
752866.	344500.	7637751.	2.00	5.00	22.00	45.00	1.00	7.00
752867.	344500.	7637500.	2.00	5.00	22.00	42.00	.00	6.00
752868.	344500.	7637250.	1.00	5.00	20.00	41.00	2.00	5.00
752869.	344500.	7637000.	2.00	5.00	22.00	45.00	2.00	6.00
752870.	344500.	7636751.	2.00	5.00	21.00	42.00	2.00	6.00
752871.	344500.	7636751.	2.00	6.00	23.00	48.00	2.00	8.00
752872.	345000.	7637000.	2.00	5.00	23.00	45.00	1.00	6.00
752873.	345000.	7637250.	2.00	6.00	21.00	43.00	.00	7.00
752874.	345000.	7637500.	2.00	6.00	24.00	49.00	1.00	8.00
752875.	345000.	7637751.	2.00	6.00	23.00	46.00	1.00	7.00
752876.	345000.	7638000.	2.00	6.00	24.00	52.00	2.00	7.00
752877.	345000.	7638250.	2.00	6.00	24.00	47.00	1.00	7.00
752878.	345000.	7638500.	2.00	6.00	25.00	50.00	.00	8.00
752879.	345000.	7638751.	2.00	6.00	25.00	46.00	2.00	8.00
752901.	343988.	7636243.	3.00	7.00	21.00	47.00	1.00	10.00
752902.	343986.	7636001.	2.00	6.00	21.00	46.00	1.00	9.00
752903.	343987.	7635748.	2.00	7.00	23.00	49.00	1.00	8.00
752904.	343984.	7635489.	2.00	6.00	22.00	46.00	2.00	7.00



BARROW CREEK JOINT VENTURE  
 EL 8431 - HANSA  
 SOIL GEOCHEMISTRY ASSAY RESULTS

Sample Number	Easting (m)	Northing (m)	Mo ppm Detection Limit : <5	Cu ppm <5	Pb ppm <5	Zn ppm <5	Ag ppm <1	As ppm <2
752832.	343008.	7640998.	.00	9.00	.00	9.00	.00	2.00
752833.	343467.	7641004.	.00	7.00	.00	8.00	.00	2.00
752834.	343473.	7640746.	.00	12.00	.00	13.00	.00	2.00
752835.	343464.	7640512.	.00	13.00	.00	17.00	.00	3.00
752836.	343479.	7640248.	.00	12.00	.00	17.00	.00	2.00
752837.	343478.	7639991.	.00	14.00	.00	15.00	.00	3.00
752838.	343467.	7639748.	.00	11.00	.00	11.00	.00	3.00
752839.	343472.	7639503.	.00	10.00	.00	9.00	.00	2.00
752840.	343487.	7639241.	.00	7.00	.00	6.00	.00	2.00
752841.	343482.	7638993.	.00	8.00	.00	8.00	.00	2.00
752842.	343481.	7638733.	.00	8.00	.00	7.00	.00	2.00
752843.	343491.	7638499.	.00	9.00	.00	10.00	.00	3.00
752844.	343479.	7638244.	.00	10.00	.00	11.00	.00	2.00
752845.	343478.	7637993.	.00	12.00	.00	15.00	.00	2.00
752846.	343483.	7637740.	.00	9.00	.00	10.00	.00	2.00
752847.	343483.	7637493.	.00	10.00	.00	11.00	.00	2.00
752848.	343482.	7637240.	.00	9.00	.00	9.00	.00	2.00
752849.	343498.	7636991.	.00	11.00	.00	11.00	.00	2.00
752850.	343496.	7636745.	.00	10.00	.00	9.00	.00	2.00
752852.	344000.	7637000.	.00	9.00	.00	10.00	.00	2.00
752853.	344000.	7637250.	.00	11.00	5.00	12.00	.00	3.00
752854.	344000.	7637500.	.00	11.00	.00	12.00	.00	3.00
752855.	344000.	7637751.	.00	11.00	.00	14.00	.00	2.00
752856.	344000.	7638000.	.00	11.00	7.00	12.00	.00	3.00
752857.	344000.	7638250.	.00	12.00	.00	15.00	.00	3.00
752858.	344000.	7638500.	.00	10.00	.00	11.00	.00	2.00
752859.	344000.	7638751.	.00	12.00	.00	13.00	.00	3.00
752860.	344000.	7639000.	.00	10.00	.00	11.00	.00	2.00
752861.	344000.	7639000.	.00	11.00	.00	10.00	.00	2.00
752862.	344500.	7638751.	.00	11.00	.00	11.00	.00	2.00
752863.	344500.	7638500.	.00	13.00	.00	13.00	.00	3.00
752864.	344500.	7638250.	.00	11.00	.00	11.00	.00	3.00
752865.	344500.	7638000.	.00	10.00	.00	11.00	.00	2.00
752866.	344500.	7637751.	.00	10.00	.00	10.00	.00	2.00
752867.	344500.	7637500.	.00	8.00	.00	8.00	.00	2.00
752868.	344500.	7637250.	.00	8.00	.00	7.00	.00	2.00
752869.	344500.	7637000.	.00	9.00	.00	8.00	.00	2.00
752870.	344500.	7636751.	.00	9.00	.00	8.00	.00	2.00
752871.	344500.	7636751.	.00	11.00	.00	10.00	.00	3.00
752872.	345000.	7637000.	.00	9.00	.00	10.00	.00	2.00
752873.	345000.	7637250.	.00	10.00	.00	12.00	.00	2.00
752874.	345000.	7637500.	.00	11.00	.00	13.00	.00	2.00
752875.	345000.	7637751.	.00	10.00	.00	11.00	.00	2.00
752876.	345000.	7638000.	.00	11.00	.00	11.00	.00	3.00
752877.	345000.	7638250.	.00	10.00	.00	11.00	.00	3.00
752878.	345000.	7638500.	.00	12.00	.00	13.00	.00	2.00
752879.	345000.	7638751.	.00	11.00	.00	14.00	.00	3.00
752901.	343988.	7636243.	7.00	15.00	.00	15.00	.00	3.00
752902.	343986.	7636001.	.00	12.00	.00	12.00	.00	3.00
752903.	343987.	7635748.	.00	11.00	.00	12.00	.00	2.00
752904.	343984.	7635489.	.00	11.00	.00	10.00	.00	3.00

BARROW CREEK JOINT VENTURE  
 EL 8431 - HANSA  
 SOIL GEOCHEMISTRY ASSAY RESULTS

Sample Number	Easting (m)	Northing (m)	Bi ppm <5	Mn ppm <5	Fe % <.01
752832.	343008.	7640998.	.00	182.00	1.92
752833.	343467.	7641004.	.00	140.00	1.59
752834.	343473.	7640746.	.00	255.00	2.22
752835.	343464.	7640512.	.00	281.00	2.04
752836.	343479.	7640248.	.00	193.00	1.91
752837.	343478.	7639991.	.00	344.00	2.26
752838.	343467.	7639748.	.00	221.00	2.00
752839.	343472.	7639503.	.00	243.00	1.88
752840.	343487.	7639241.	.00	159.00	1.64
752841.	343482.	7638993.	.00	186.00	1.73
752842.	343481.	7638733.	.00	180.00	1.97
752843.	343491.	7638499.	.00	194.00	1.76
752844.	343479.	7638244.	.00	187.00	1.88
752845.	343478.	7637993.	.00	282.00	1.92
752846.	343483.	7637740.	.00	195.00	1.85
752847.	343483.	7637493.	.00	186.00	1.82
752848.	343482.	7637240.	.00	213.00	1.77
752849.	343498.	7636991.	.00	261.00	1.87
752850.	343496.	7636745.	.00	195.00	1.86
752852.	344000.	7637000.	.00	215.00	1.93
752853.	344000.	7637250.	.00	240.00	1.93
752854.	344000.	7637500.	.00	185.00	1.91
752855.	344000.	7637751.	.00	157.00	2.05
752856.	344000.	7638000.	.00	139.00	2.04
752857.	344000.	7638250.	.00	262.00	2.04
752858.	344000.	7638500.	.00	151.00	1.89
752859.	344000.	7638751.	.00	253.00	2.04
752860.	344000.	7639000.	.00	250.00	1.86
752861.	344000.	7639000.	.00	230.00	2.09
752862.	344500.	7638751.	.00	257.00	1.98
752863.	344500.	7638500.	.00	289.00	2.25
752864.	344500.	7638250.	.00	237.00	2.19
752865.	344500.	7638000.	.00	244.00	2.00
752866.	344500.	7637751.	.00	217.00	1.93
752867.	344500.	7637500.	.00	207.00	1.79
752868.	344500.	7637250.	.00	182.00	1.71
752869.	344500.	7637000.	.00	197.00	1.90
752870.	344500.	7636751.	.00	178.00	1.76
752871.	344500.	7636751.	.00	214.00	2.08
752872.	345000.	7637000.	.00	192.00	1.93
752873.	345000.	7637250.	.00	263.00	1.83
752874.	345000.	7637500.	.00	226.00	2.08
752875.	345000.	7637751.	.00	240.00	1.96
752876.	345000.	7638000.	.00	218.00	2.16
752877.	345000.	7638250.	.00	212.00	1.97
752878.	345000.	7638500.	.00	272.00	2.18
752879.	345000.	7638751.	.00	255.00	2.06
752901.	343988.	7636243.	.00	218.00	1.84
752902.	343986.	7636001.	.00	229.00	1.85
752903.	343987.	7635748.	.00	251.00	2.07
752904.	343984.	7635489.	.00	222.00	1.92

BARROW CREEK JOINT VENTURE  
 EL 8431 - HANSA  
 SOIL GEOCHEMISTRY ASSAY RESULTS

Sample Number	Easting (m)	Northing (m)	Cd ppm Detection Limit : <1	Co ppm <5	Cr ppm <5	V ppm <10	Au ppb <1	Ni ppm <5
752558.	342987.	7636499.	.00	.00	21.00	43.00	2.00	.00
752559.	342995.	7636248.	1.00	.00	20.00	40.00	1.00	.00
752560.	342991.	7635999.	.00	.00	21.00	44.00	.00	.00
752561.	342987.	7635744.	.00	.00	19.00	37.00	.00	.00
752562.	343003.	7635494.	1.00	.00	19.00	39.00	.00	.00
752563.	343006.	7635245.	.00	6.00	22.00	45.00	.00	5.00
752564.	343009.	7634993.	1.00	.00	21.00	43.00	.00	.00
752565.	343001.	7634737.	1.00	5.00	23.00	48.00	.00	5.00
752566.	343005.	7634495.	.00	5.00	23.00	47.00	.00	.00
752567.	343004.	7634236.	1.00	.00	21.00	41.00	.00	.00
752568.	343006.	7633999.	1.00	5.00	23.00	46.00	2.00	5.00
752569.	342996.	7633740.	1.00	5.00	21.00	40.00	.00	.00
752570.	343005.	7633493.	1.00	5.00	21.00	44.00	.00	.00
752571.	342991.	7633240.	1.00	5.00	23.00	48.00	2.00	5.00
752572.	342995.	7633000.	1.00	5.00	21.00	43.00	3.00	.00
752573.	342990.	7632737.	1.00	5.00	22.00	48.00	2.00	.00
752574.	342992.	7632486.	1.00	5.00	22.00	47.00	1.00	.00
752575.	342985.	7632240.	1.00	5.00	21.00	42.00	2.00	.00
752576.	343003.	7631989.	1.00	5.00	21.00	45.00	3.00	.00
752577.	343003.	7631735.	1.00	5.00	20.00	45.00	.00	.00
752578.	343004.	7631484.	1.00	5.00	21.00	45.00	.00	.00
752579.	343504.	7631484.	1.00	5.00	23.00	49.00	1.00	.00
752580.	343502.	7631744.	1.00	.00	21.00	45.00	.00	.00
752581.	343502.	7631991.	1.00	5.00	22.00	48.00	2.00	.00
752582.	343502.	7632237.	1.00	5.00	22.00	49.00	1.00	.00
752583.	343502.	7632491.	1.00	6.00	24.00	55.00	2.00	.00
752584.	343498.	7632747.	1.00	5.00	25.00	52.00	2.00	5.00
752585.	343504.	7633001.	1.00	.00	23.00	51.00	1.00	.00
752586.	343504.	7633245.	.00	.00	20.00	43.00	2.00	.00
752587.	343507.	7633495.	.00	.00	20.00	40.00	8.00	.00
752588.	343500.	7633743.	.00	.00	21.00	41.00	3.00	.00
752589.	343504.	7633991.	.00	.00	20.00	39.00	1.00	.00
752590.	343504.	7634244.	.00	.00	20.00	41.00	2.00	.00
752591.	343504.	7634501.	.00	.00	20.00	43.00	3.00	.00
752592.	343505.	7634739.	1.00	.00	22.00	45.00	2.00	.00
752593.	343508.	7635001.	1.00	.00	21.00	41.00	1.00	.00
752594.	343507.	7635245.	.00	.00	21.00	43.00	1.00	.00
752595.	343496.	7635497.	.00	.00	18.00	34.00	1.00	.00
752596.	343510.	7635741.	.00	.00	18.00	36.00	.00	.00
752597.	343509.	7636001.	.00	.00	18.00	33.00	.00	.00
752598.	343497.	7636249.	.00	.00	19.00	39.00	.00	.00
752599.	343489.	7636505.	.00	.00	17.00	25.00	1.00	.00
752600.	343993.	7636506.	1.00	.00	18.00	40.00	9.00	.00
752773.	344995.	7636498.	1.00	5.00	21.00	45.00	1.00	.00
752774.	344989.	7636251.	1.00	5.00	21.00	45.00	.00	6.00
752775.	344982.	7635999.	1.00	5.00	22.00	44.00	2.00	5.00
752776.	344993.	7635735.	1.00	5.00	22.00	44.00	.00	6.00
752777.	344995.	7635497.	1.00	.00	23.00	47.00	.00	6.00
752778.	344992.	7635239.	1.00	5.00	22.00	47.00	3.00	5.00
752779.	344987.	7634991.	1.00	.00	20.00	41.00	2.00	.00
752780.	344993.	7634746.	1.00	.00	18.00	40.00	1.00	.00

BARROW CREEK JOINT VENTURE  
 EL 8431 - HANSA  
 SOIL GEOCHEMISTRY ASSAY RESULTS

Sample Number	Easting (m)	Northing (m)	Mo ppm <5	Cu ppm <5	Pb ppm <5	Zn ppm <5	Ag ppm <1	As ppm <2
752558.	342987.	7636499.	.00	8.00	.00	11.00	.00	2.00
752559.	342995.	7636248.	.00	7.00	.00	8.00	.00	.00
752560.	342991.	7635999.	.00	8.00	.00	10.00	.00	2.00
752561.	342987.	7635744.	.00	6.00	.00	7.00	.00	2.00
752562.	343003.	7635494.	.00	7.00	.00	9.00	.00	.00
752563.	343006.	7635245.	.00	10.00	.00	13.00	.00	2.00
752564.	343009.	7634993.	.00	8.00	.00	12.00	.00	2.00
752565.	343001.	7634737.	.00	10.00	.00	14.00	.00	2.00
752566.	343005.	7634495.	.00	9.00	.00	12.00	.00	2.00
752567.	343004.	7634236.	.00	7.00	.00	11.00	.00	.00
752568.	343006.	7633999.	.00	9.00	.00	14.00	.00	2.00
752569.	342996.	7633740.	.00	8.00	.00	13.00	.00	2.00
752570.	343005.	7633493.	.00	7.00	.00	9.00	.00	.00
752571.	342991.	7633240.	.00	9.00	.00	11.00	.00	2.00
752572.	342995.	7633000.	.00	9.00	.00	12.00	.00	.00
752573.	342990.	7632737.	.00	8.00	.00	10.00	.00	2.00
752574.	342992.	7632486.	.00	8.00	.00	11.00	.00	2.00
752575.	342985.	7632240.	.00	9.00	.00	12.00	.00	2.00
752576.	343003.	7631989.	.00	9.00	.00	13.00	.00	2.00
752577.	343003.	7631735.	.00	7.00	.00	9.00	.00	2.00
752578.	343004.	7631484.	.00	8.00	.00	13.00	.00	2.00
752579.	343504.	7631484.	.00	9.00	.00	13.00	.00	2.00
752580.	343502.	7631744.	.00	8.00	.00	19.00	.00	.00
752581.	343502.	7631991.	.00	9.00	.00	12.00	.00	2.00
752582.	343502.	7632237.	.00	9.00	.00	13.00	.00	.00
752583.	343502.	7632491.	.00	10.00	.00	11.00	.00	2.00
752584.	343498.	7632747.	.00	10.00	.00	13.00	.00	2.00
752585.	343504.	7633001.	.00	9.00	.00	10.00	.00	2.00
752586.	343504.	7633245.	.00	7.00	.00	7.00	.00	.00
752587.	343507.	7633495.	.00	6.00	.00	7.00	.00	.00
752588.	343500.	7633743.	.00	6.00	.00	7.00	.00	.00
752589.	343504.	7633991.	.00	6.00	.00	9.00	.00	.00
752590.	343504.	7634244.	.00	6.00	.00	7.00	.00	.00
752591.	343504.	7634501.	.00	7.00	.00	8.00	.00	.00
752592.	343505.	7634739.	.00	8.00	.00	10.00	.00	.00
752593.	343508.	7635001.	.00	7.00	.00	8.00	.00	.00
752594.	343507.	7635245.	.00	7.00	.00	8.00	.00	.00
752595.	343496.	7635497.	.00	6.00	.00	8.00	.00	.00
752596.	343510.	7635741.	.00	5.00	.00	6.00	.00	.00
752597.	343509.	7636001.	.00	5.00	.00	7.00	.00	.00
752598.	343497.	7636249.	.00	6.00	.00	8.00	.00	.00
752599.	343489.	7636505.	.00	5.00	5.00	7.00	.00	.00
752600.	343993.	7636506.	.00	6.00	.00	6.00	.00	.00
752773.	344995.	7636498.	.00	8.00	.00	7.00	.00	2.00
752774.	344989.	7636251.	.00	9.00	.00	8.00	.00	2.00
752775.	344982.	7635999.	.00	9.00	.00	9.00	.00	2.00
752776.	344993.	7635735.	.00	9.00	.00	9.00	.00	2.00
752777.	344995.	7635497.	.00	9.00	.00	8.00	.00	2.00
752778.	344992.	7635239.	.00	8.00	.00	8.00	.00	-
752779.	344987.	7634991.	.00	7.00	.00	7.00	.00	2.00
752780.	344993.	7634746.	.00	6.00	.00	.00	.00	-

BARROW CREEK JOINT VENTURE  
 EL 8431 - HANSA  
 SOIL GEOCHEMISTRY ASSAY RESULTS

Sample Number	Easting (m)	Northing (m)	Bi ppm Detection Limit : <5	Mn ppm <5	Fe % <.01
752558.	342987.	7636499.	.00	242.00	1.96
752559.	342995.	7636248.	.00	249.00	1.82
752560.	342991.	7635999.	.00	219.00	2.01
752561.	342987.	7635744.	.00	205.00	1.68
752562.	343003.	7635494.	.00	240.00	1.78
752563.	343006.	7635245.	.00	329.00	2.07
752564.	343009.	7634993.	.00	245.00	1.99
752565.	343001.	7634737.	.00	283.00	2.18
752566.	343005.	7634495.	.00	268.00	2.16
752567.	343004.	7634236.	.00	224.00	1.87
752568.	343006.	7633999.	.00	279.00	2.11
752569.	342996.	7633740.	.00	246.00	1.86
752570.	343005.	7633493.	.00	239.00	2.00
752571.	342991.	7633240.	.00	277.00	2.17
752572.	342995.	7633000.	.00	260.00	1.98
752573.	342990.	7632737.	.00	173.00	2.18
752574.	342992.	7632486.	.00	198.00	2.14
752575.	342985.	7632240.	.00	268.00	1.94
752576.	343003.	7631989.	.00	204.00	2.08
752577.	343003.	7631735.	.00	186.00	2.02
752578.	343004.	7631484.	.00	191.00	2.06
752579.	343504.	7631484.	.00	208.00	2.21
752580.	343502.	7631744.	.00	191.00	2.03
752581.	343502.	7631991.	.00	233.00	2.15
752582.	343502.	7632237.	.00	197.00	2.23
752583.	343502.	7632491.	.00	213.00	2.46
752584.	343498.	7632747.	.00	224.00	2.34
752585.	343504.	7633001.	.00	162.00	2.29
752586.	343504.	7633245.	.00	240.00	1.96
752587.	343507.	7633495.	.00	248.00	1.82
752588.	343500.	7633743.	.00	186.00	1.83
752589.	343504.	7633991.	.00	229.00	1.78
752590.	343504.	7634244.	.00	232.00	1.85
752591.	343504.	7634501.	.00	233.00	1.90
752592.	343505.	7634739.	.00	218.00	2.05
752593.	343508.	7635001.	.00	212.00	1.88
752594.	343507.	7635245.	.00	247.00	1.96
752595.	343496.	7635497.	.00	234.00	1.57
752596.	343510.	7635741.	.00	201.00	1.63
752597.	343509.	7636001.	.00	185.00	1.49
752598.	343497.	7636249.	.00	205.00	1.76
752599.	343489.	7636505.	.00	182.00	1.60
752600.	343993.	7636506.	.00	201.00	1.81
752773.	344995.	7636498.	.00	182.00	1.93
752774.	344989.	7636251.	.00	175.00	1.94
752775.	344982.	7635999.	.00	233.00	1.92
752776.	344993.	7635735.	.00	262.00	1.95
752777.	344995.	7635497.	.00	185.00	2.07
752778.	344992.	7635239.	.00	247.00	2.03
752779.	344987.	7634991.	.00	219.00	1.76
752780.	344993.	7634746.	.00	205.00	1.66

BARROW CREEK JOINT VENTURE  
 EL 8431 - HANSA  
 SOIL GEOCHEMISTRY ASSAY RESULTS

Sample Number	Easting (m)	Northing (m)	Cd ppm	Co ppm	Cr ppm	V ppm	Au ppb	Ni ppm
Detection Limit :			<1	<5	<5	<10	<1	<5
752905.	343974.	7635247.	3.00	7.00	23.00	49.00	1.00	7.00
752906.	343973.	7634998.	3.00	.00	23.00	43.00	.00	6.00
752907.	343984.	7634746.	2.00	.00	21.00	38.00	1.00	5.00
752908.	343983.	7634501.	2.00	.00	21.00	37.00	1.00	5.00
752909.	343979.	7634243.	2.00	.00	20.00	36.00	1.00	5.00
752910.	343977.	7633994.	2.00	5.00	22.00	38.00	1.00	6.00
752911.	343977.	7633733.	3.00	7.00	23.00	46.00	1.00	7.00
752912.	343968.	7633487.	2.00	6.00	22.00	43.00	1.00	6.00
752913.	343973.	7633239.	2.00	6.00	22.00	42.00	2.00	6.00
752914.	343972.	7632990.	2.00	6.00	22.00	45.00	1.00	7.00
752915.	343974.	7632747.	2.00	7.00	24.00	48.00	2.00	7.00
752916.	343970.	7632486.	2.00	6.00	23.00	46.00	3.00	6.00
752917.	343957.	7632234.	2.00	5.00	24.00	50.00	1.00	7.00
752918.	343970.	7631989.	2.00	6.00	25.00	53.00	1.00	8.00
752919.	343969.	7631734.	2.00	5.00	24.00	49.00	2.00	7.00
752920.	343968.	7631491.	2.00	7.00	28.00	59.00	1.00	9.00
752921.	345980.	7634503.	2.00	6.00	25.00	49.00	.00	8.00
752923.	345980.	7634247.	2.00	6.00	27.00	55.00	.00	9.00
752924.	345979.	7633999.	2.00	6.00	25.00	52.00	1.00	7.00
752925.	345980.	7633743.	.00	6.00	24.00	50.00	.00	7.00
752926.	345978.	7633500.	.00	5.00	24.00	48.00	2.00	7.00
752927.	345970.	7633240.	.00	6.00	23.00	48.00	.00	7.00
752928.	345972.	7632990.	.00	5.00	25.00	51.00	1.00	7.00
752929.	345969.	7632741.	.00	5.00	23.00	44.00	1.00	6.00
752930.	345956.	7632493.	.00	5.00	23.00	46.00	1.00	6.00
752931.	345954.	7632243.	.00	5.00	26.00	53.00	.00	7.00
752932.	345963.	7631991.	.00	5.00	24.00	46.00	.00	6.00
752933.	345962.	7631741.	.00	.00	23.00	44.00	.00	6.00
752934.	345956.	7631499.	.00	5.00	23.00	44.00	.00	6.00
752935.	345480.	7631488.	.00	5.00	22.00	48.00	.00	7.00
752936.	345481.	7631748.	.00	.00	20.00	43.00	1.00	5.00
752937.	345475.	7631987.	.00	.00	19.00	40.00	.00	6.00
752938.	345484.	7632245.	.00	.00	20.00	41.00	.00	5.00
752939.	345474.	7632499.	.00	5.00	21.00	43.00	1.00	6.00
752940.	345484.	7632744.	.00	.00	20.00	36.00	1.00	5.00
752941.	345483.	7632999.	.00	.00	22.00	42.00	.00	6.00
752942.	345490.	7633249.	.00	5.00	22.00	40.00	.00	6.00
752943.	345485.	7633501.	.00	5.00	23.00	45.00	.00	6.00
752944.	345490.	7633743.	.00	6.00	24.00	46.00	.00	8.00
752945.	345492.	7634000.	.00	6.00	25.00	51.00	.00	8.00
752946.	345493.	7634252.	.00	.00	21.00	45.00	.00	5.00
752947.	345496.	7634507.	.00	5.00	21.00	42.00	1.00	6.00
752948.	345500.	7634743.	.00	5.00	24.00	48.00	.00	8.00
752949.	345489.	7635003.	.00	6.00	24.00	51.00	1.00	7.00
752950.	345499.	7635249.	.00	5.00	24.00	49.00	.00	7.00
752951.	345490.	7635495.	.00	6.00	25.00	52.00	.00	8.00
752952.	345491.	7635746.	.00	7.00	25.00	53.00	.00	9.00
752953.	345498.	7635999.	.00	5.00	22.00	44.00	.00	7.00
752954.	345487.	7636255.	.00	6.00	24.00	48.00	.00	7.00
752955.	345489.	7636508.	.00	6.00	23.00	45.00	.00	7.00
752956.	346954.	7636745.	.00	5.00	21.00	43.00	.00	5.00

BARROW CREEK JOINT VENTURE  
 EL 8431 - HANSA  
 SOIL GEOCHEMISTRY ASSAY RESULTS

Sample Number	Easting (m)	Northing (m)	Mo ppm <5	Cu ppm <5	Pb ppm <5	Zn ppm <5	Ag ppm <1	As ppm <2
752905.	343974.	7635247.	.00	11.00	.00	12.00	.00	3.00
752906.	343973.	7634998.	.00	10.00	.00	10.00	.00	3.00
752907.	343984.	7634746.	.00	9.00	.00	10.00	.00	3.00
752908.	343983.	7634501.	.00	8.00	.00	9.00	.00	3.00
752909.	343979.	7634243.	.00	8.00	.00	8.00	.00	3.00
752910.	343977.	7633994.	.00	9.00	.00	11.00	.00	3.00
752911.	343977.	7633733.	.00	11.00	.00	10.00	.00	3.00
752912.	343968.	7633487.	.00	10.00	.00	8.00	.00	3.00
752913.	343973.	7633239.	.00	9.00	.00	8.00	.00	3.00
752914.	343972.	7632990.	.00	10.00	.00	9.00	.00	2.00
752915.	343974.	7632747.	.00	11.00	.00	10.00	.00	3.00
752916.	343970.	7632486.	.00	11.00	.00	11.00	.00	3.00
752917.	343957.	7632234.	.00	12.00	.00	12.00	.00	3.00
752918.	343970.	7631989.	.00	13.00	.00	13.00	.00	3.00
752919.	343969.	7631734.	.00	12.00	.00	12.00	.00	2.00
752920.	343968.	7631491.	.00	14.00	.00	16.00	.00	3.00
752921.	345980.	7634503.	.00	12.00	.00	15.00	.00	3.00
752923.	345980.	7634247.	.00	13.00	.00	19.00	.00	2.00
752924.	345979.	7633999.	.00	12.00	.00	14.00	.00	3.00
752925.	345980.	7633743.	.00	11.00	.00	12.00	.00	2.00
752926.	345978.	7633500.	.00	11.00	.00	13.00	.00	2.00
752927.	345970.	7633240.	.00	11.00	.00	13.00	.00	3.00
752928.	345972.	7632990.	.00	12.00	.00	14.00	.00	3.00
752929.	345969.	7632741.	.00	9.00	.00	10.00	.00	3.00
752930.	345956.	7632493.	.00	10.00	.00	10.00	.00	3.00
752931.	345954.	7632243.	.00	12.00	.00	13.00	.00	2.00
752932.	345963.	7631991.	.00	10.00	.00	11.00	.00	2.00
752933.	345962.	7631741.	.00	9.00	.00	10.00	.00	3.00
752934.	345956.	7631499.	.00	9.00	.00	10.00	.00	2.00
752935.	345480.	7631488.	.00	11.00	.00	11.00	.00	2.00
752936.	345481.	7631748.	.00	9.00	.00	8.00	.00	2.00
752937.	345475.	7631987.	.00	8.00	.00	8.00	.00	2.00
752938.	345484.	7632245.	.00	8.00	.00	9.00	.00	3.00
752939.	345474.	7632499.	.00	9.00	.00	8.00	.00	2.00
752940.	345484.	7632744.	.00	7.00	.00	7.00	.00	2.00
752941.	345483.	7632999.	.00	9.00	.00	9.00	.00	2.00
752942.	345490.	7633249.	.00	9.00	.00	9.00	.00	3.00
752943.	345485.	7633501.	.00	10.00	.00	10.00	.00	2.00
752944.	345490.	7633743.	.00	11.00	.00	15.00	.00	3.00
752945.	345492.	7634000.	.00	11.00	.00	14.00	.00	2.00
752946.	345493.	7634252.	.00	9.00	.00	8.00	.00	2.00
752947.	345496.	7634507.	.00	9.00	.00	10.00	.00	2.00
752948.	345500.	7634743.	.00	11.00	.00	13.00	.00	3.00
752949.	345489.	7635003.	.00	10.00	.00	10.00	.00	3.00
752950.	345499.	7635249.	.00	11.00	.00	13.00	.00	3.00
752951.	345490.	7635495.	.00	12.00	.00	14.00	.00	2.00
752952.	345491.	7635746.	.00	12.00	.00	15.00	.00	3.00
752953.	345498.	7635999.	.00	10.00	.00	13.00	.00	2.00
752954.	345487.	7636255.	.00	11.00	.00	13.00	.00	2.00
752955.	345489.	7636508.	.00	11.00	.00	11.00	.00	2.00
752956.	346954.	7636745.	.00	7.00	.00	6.00	.00	2.00

BARROW CREEK JOINT VENTURE  
 EL 8431 - HANSA  
 SOIL GEOCHEMISTRY ASSAY RESULTS

Sample Number	Easting (m)	Northing (m)	Bi ppm <5	Mn ppm <5	Fe % <.01
752905.	343974.	7635247.	.00	244.00	2.07
752906.	343973.	7634998.	.00	103.00	1.83
752907.	343984.	7634746.	.00	96.00	1.60
752908.	343983.	7634501.	.00	65.00	1.55
752909.	343979.	7634243.	.00	65.00	1.49
752910.	343977.	7633994.	.00	168.00	1.63
752911.	343977.	7633733.	.00	211.00	1.98
752912.	343968.	7633487.	.00	251.00	1.79
752913.	343973.	7633239.	.00	229.00	1.78
752914.	343972.	7632990.	.00	261.00	1.87
752915.	343974.	7632747.	.00	288.00	2.04
752916.	343970.	7632486.	.00	182.00	1.97
752917.	343957.	7632234.	.00	198.00	2.31
752918.	343970.	7631989.	.00	278.00	2.45
752919.	343969.	7631734.	.00	206.00	2.27
752920.	343968.	7631491.	.00	313.00	2.77
752921.	345980.	7634503.	.00	289.00	2.30
752923.	345980.	7634247.	.00	300.00	2.57
752924.	345979.	7633999.	.00	234.00	2.40
752925.	345980.	7633743.	.00	269.00	2.34
752926.	345978.	7633500.	.00	246.00	2.20
752927.	345970.	7633240.	.00	286.00	2.23
752928.	345972.	7632990.	.00	234.00	2.37
752929.	345969.	7632741.	.00	216.00	2.03
752930.	345956.	7632493.	.00	219.00	2.14
752931.	345954.	7632243.	.00	235.00	2.47
752932.	345963.	7631991.	.00	231.00	2.14
752933.	345962.	7631741.	.00	211.00	2.02
752934.	345956.	7631499.	.00	244.00	2.04
752935.	345480.	7631488.	.00	222.00	2.26
752936.	345481.	7631748.	.00	217.00	1.92
752937.	345475.	7631987.	.00	236.00	1.80
752938.	345484.	7632245.	.00	215.00	1.84
752939.	345474.	7632499.	.00	230.00	2.00
752940.	345484.	7632744.	.00	178.00	1.66
752941.	345483.	7632999.	.00	226.00	1.94
752942.	345490.	7633249.	.00	233.00	1.85
752943.	345485.	7633501.	.00	235.00	2.07
752944.	345490.	7633743.	.00	328.00	2.16
752945.	345492.	7634000.	.00	272.00	2.37
752946.	345493.	7634252.	.00	185.00	2.03
752947.	345496.	7634507.	.00	263.00	1.92
752948.	345500.	7634743.	.00	286.00	2.22
752949.	345489.	7635003.	.00	287.00	2.33
752950.	345499.	7635249.	.00	238.00	2.28
752951.	345490.	7635495.	.00	283.00	2.43
752952.	345491.	7635746.	.00	243.00	2.46
752953.	345498.	7635999.	.00	202.00	2.06
752954.	345487.	7636255.	.00	271.00	2.27
752955.	345489.	7636508.	.00	280.00	2.12
752956.	346954.	7636745.	.00	236.00	1.96



BARROW CREEK JOINT VENTURE  
 EL 8431 - HANSA  
 SOIL GEOCHEMISTRY ASSAY RESULTS

Sample Number	Easting (m)	Northing (m)	Cd ppm <1	Co ppm <5	Cr ppm <5	V ppm <10	Au ppb <1	Ni ppm <5
752957.	346956.	7636989.	.00	.00	21.00	38.00	.00	5.00
752958.	346957.	7637238.	.00	.00	22.00	42.00	.00	5.00
752959.	346956.	7637494.	.00	5.00	23.00	44.00	.00	6.00
752960.	346957.	7637738.	.00	.00	22.00	40.00	1.00	5.00
752961.	346947.	7637977.	.00	6.00	24.00	51.00	.00	7.00
752962.	346944.	7638241.	.00	5.00	23.00	53.00	.00	6.00
752963.	346950.	7638483.	.00	7.00	25.00	55.00	.00	8.00
752964.	346475.	7636746.	.00	6.00	24.00	52.00	1.00	6.00
752965.	346495.	7637000.	.00	7.00	24.00	50.00	2.00	7.00
752966.	346490.	7637239.	.00	.00	23.00	47.00	.00	5.00
752967.	346483.	7637501.	.00	.00	23.00	47.00	1.00	5.00
752968.	346495.	7637732.	-	-	-	-	-	-
752969.	346492.	7637977.	-	-	-	-	-	-
752971.	346000.	7636751.	.00	-	.00	.00	-	-
752972.	346000.	7637000.	.00	-	.00	.00	-	-
752973.	346000.	7637250.	.00	-	.00	.00	-	-
752974.	346000.	7637500.	.00	-	.00	.00	-	-
752975.	346000.	7637751.	.00	-	.00	.00	-	-
752976.	346000.	7638000.	.00	-	.00	.00	-	-
752977.	346000.	7638250.	.00	-	.00	.00	-	-
752978.	346000.	7638500.	.00	-	.00	.00	-	-
752979.	346000.	7638751.	.00	-	.00	.00	-	-
752980.	346000.	7639000.	.00	-	.00	.00	-	-
752981.	345500.	7636751.	1.00	5.00	22.00	46.00	.00	8.00
752982.	345500.	7637000.	1.00	5.00	22.00	46.00	1.00	7.00
752983.	345500.	7637250.	1.00	5.00	21.00	47.00	1.00	6.00
752984.	345500.	7637500.	1.00	5.00	20.00	42.00	1.00	5.00
752985.	345500.	7637751.	1.00	5.00	21.00	45.00	2.00	6.00
752986.	345500.	7638000.	1.00	6.00	23.00	51.00	1.00	7.00
752987.	345500.	7638250.	1.00	5.00	23.00	47.00	.00	8.00
752988.	345500.	7638500.	1.00	6.00	25.00	49.00	.00	10.00
752989.	345500.	7638751.	1.00	6.00	25.00	45.00	.00	9.00
753001.	345989.	7635242.	1.00	5.00	25.00	56.00	1.00	8.00
753002.	345996.	7635000.	1.00	5.00	23.00	47.00	2.00	7.00
753003.	345991.	7634740.	1.00	6.00	23.00	47.00	2.00	8.00
753004.	346013.	7655503.	1.00	.00	21.00	38.00	1.00	5.00
753005.	346025.	7655739.	1.00	6.00	21.00	39.00	1.00	6.00
753006.	346022.	7655979.	1.00	.00	21.00	36.00	1.00	5.00
753007.	346018.	7656239.	1.00	5.00	22.00	41.00	.00	5.00
753008.	346022.	7656495.	1.00	7.00	25.00	54.00	.00	8.00
753009.	345497.	7656495.	1.00	5.00	21.00	39.00	1.00	5.00
753010.	345496.	7656242.	.00	.00	19.00	33.00	1.00	.00
753011.	345492.	7655983.	.00	.00	19.00	34.00	2.00	.00
753012.	345496.	7655748.	1.00	.00	22.00	41.00	1.00	5.00
753013.	345501.	7655504.	1.00	.00	21.00	38.00	.00	5.00
753014.	345003.	7655493.	1.00	.00	20.00	36.00	.00	5.00
753015.	345001.	7655750.	.00	.00	20.00	34.00	.00	.00
753016.	345004.	7655980.	1.00	5.00	23.00	40.00	1.00	6.00
753017.	344992.	7656247.	1.00	.00	22.00	37.00	.00	6.00
753018.	345007.	7656495.	1.00	5.00	23.00	43.00	.00	6.00
753019.	344504.	7656495.	1.00	.00	22.00	39.00	.00	5.00

BARROW CREEK JOINT VENTURE  
 EL 8431 - HANSA  
 SOIL GEOCHEMISTRY ASSAY RESULTS

Sample Number	Easting (m)	Northing (m)	Mo ppm Detection Limit : <5	Cu ppm <5	Pb ppm <5	Zn ppm <5	Ag ppm <1	As ppm <2
752957.	346956.	7636989.	.00	6.00	.00	6.00	.00	2.00
752958.	346957.	7637238.	.00	7.00	.00	6.00	.00	2.00
752959.	346956.	7637494.	.00	7.00	.00	7.00	.00	2.00
752960.	346957.	7637738.	.00	7.00	.00	6.00	.00	2.00
752961.	346947.	7637977.	.00	13.00	.00	29.00	.00	3.00
752962.	346944.	7638241.	.00	11.00	.00	12.00	.00	3.00
752963.	346950.	7638483.	.00	12.00	.00	13.00	.00	3.00
752964.	346475.	7636746.	.00	11.00	.00	11.00	.00	3.00
752965.	346495.	7637000.	.00	10.00	.00	12.00	.00	2.00
752966.	346490.	7637239.	.00	9.00	.00	11.00	.00	2.00
752967.	346483.	7637501.	.00	9.00	.00	10.00	.00	2.00
752968.	346495.	7637732.	-	-	-	-	-	-
752969.	346492.	7637977.	-	-	-	-	-	-
752971.	346000.	7636751.	.00	-	-	-	.00	-
752972.	346000.	7637000.	.00	-	-	-	.00	-
752973.	346000.	7637250.	.00	-	-	-	.00	-
752974.	346000.	7637500.	.00	-	-	-	.00	-
752975.	346000.	7637751.	.00	-	-	-	.00	-
752976.	346000.	7638000.	.00	-	-	-	.00	-
752977.	346000.	7638250.	.00	-	-	-	.00	-
752978.	346000.	7638500.	.00	-	-	-	.00	-
752979.	346000.	7638751.	.00	-	-	-	.00	-
752980.	346000.	7639000.	.00	-	-	-	.00	-
752981.	345500.	7636751.	.00	10.00	.00	10.00	.00	3.00
752982.	345500.	7637000.	.00	8.00	.00	9.00	.00	3.00
752983.	345500.	7637250.	.00	8.00	.00	7.00	.00	3.00
752984.	345500.	7637500.	.00	7.00	.00	7.00	.00	3.00
752985.	345500.	7637751.	.00	8.00	.00	7.00	.00	3.00
752986.	345500.	7638000.	.00	10.00	.00	9.00	.00	4.00
752987.	345500.	7638250.	.00	9.00	.00	9.00	.00	4.00
752988.	345500.	7638500.	.00	12.00	.00	13.00	.00	2.00
752989.	345500.	7638751.	.00	11.00	.00	12.00	.00	2.00
753001.	345989.	7635242.	.00	12.00	.00	15.00	.00	3.00
753002.	345996.	7635000.	.00	11.00	.00	12.00	.00	3.00
753003.	345991.	7634740.	.00	11.00	.00	14.00	.00	3.00
753004.	346013.	7655503.	.00	7.00	.00	7.00	.00	2.00
753005.	346025.	7655739.	.00	8.00	.00	8.00	.00	2.00
753006.	346022.	7655979.	.00	6.00	.00	6.00	.00	2.00
753007.	346018.	7656239.	.00	8.00	.00	8.00	.00	3.00
753008.	346022.	7656495.	.00	11.00	.00	10.00	.00	3.00
753009.	345497.	7656495.	.00	7.00	.00	7.00	.00	2.00
753010.	345496.	7656242.	.00	5.00	.00	5.00	.00	2.00
753011.	345492.	7655983.	.00	5.00	.00	6.00	.00	2.00
753012.	345496.	7655748.	.00	7.00	.00	6.00	.00	2.00
753013.	345501.	7655504.	.00	7.00	.00	7.00	.00	2.00
753014.	345003.	7655493.	.00	6.00	.00	7.00	.00	2.00
753015.	345001.	7655750.	.00	6.00	.00	6.00	.00	2.00
753016.	345004.	7655980.	.00	8.00	.00	7.00	.00	3.00
753017.	344992.	7656247.	.00	7.00	.00	8.00	.00	2.00
753018.	345007.	7656495.	.00	9.00	.00	9.00	.00	3.00
753019.	344504.	7656495.	.00	8.00	.00	8.00	.00	2.00

BARROW CREEK JOINT VENTURE  
 EL 8431 - HANSA  
 SOIL GEOCHEMISTRY ASSAY RESULTS

Sample Number	Easting (m)	Northing (m)	Bi ppm <5	Mn ppm <5	Fe % <.01
752957.	346956.	7636989.	.00	221.00	1.75
752958.	346957.	7637238.	.00	217.00	1.92
752959.	346956.	7637494.	.00	243.00	2.00
752960.	346957.	7637738.	.00	215.00	1.85
752961.	346947.	7637977.	.00	235.00	2.36
752962.	346944.	7638241.	.00	161.00	2.37
752963.	346950.	7638483.	.00	278.00	2.53
752964.	346475.	7636746.	.00	221.00	2.41
752965.	346495.	7637000.	.00	255.00	2.31
752966.	346490.	7637239.	.00	163.00	2.20
752967.	346483.	7637501.	.00	167.00	2.18
752968.	346495.	7637732.	-	-	-
752969.	346492.	7637977.	-	-	-
752971.	346000.	7636751.	.00	-	-
752972.	346000.	7637000.	.00	-	-
752973.	346000.	7637250.	.00	-	-
752974.	346000.	7637500.	.00	-	-
752975.	346000.	7637751.	.00	-	-
752976.	346000.	7638000.	.00	-	-
752977.	346000.	7638250.	.00	-	-
752978.	346000.	7638500.	.00	-	-
752979.	346000.	7638751.	.00	-	-
752980.	346000.	7639000.	.00	-	-
752981.	345500.	7636751.	.00	222.00	2.09
752982.	345500.	7637000.	.00	186.00	2.05
752983.	345500.	7637250.	.00	276.00	2.04
752984.	345500.	7637500.	.00	224.00	1.82
752985.	345500.	7637751.	.00	217.00	1.95
752986.	345500.	7638000.	.00	277.00	2.16
752987.	345500.	7638250.	.00	322.00	2.04
752988.	345500.	7638500.	.00	268.00	2.07
752989.	345500.	7638751.	.00	266.00	2.01
753001.	345989.	7635242.	.00	220.00	2.47
753002.	345996.	7635000.	.00	237.00	2.13
753003.	345991.	7634740.	.00	269.00	2.16
753004.	346013.	7655503.	.00	184.00	1.79
753005.	346025.	7655739.	.00	202.00	1.79
753006.	346022.	7655979.	.00	138.00	1.64
753007.	346018.	7656239.	.00	166.00	1.92
753008.	346022.	7656495.	.00	285.00	2.42
753009.	345497.	7656495.	.00	202.00	1.78
753010.	345496.	7656242.	.00	159.00	1.50
753011.	345492.	7655983.	.00	156.00	1.55
753012.	345496.	7655748.	.00	157.00	1.87
753013.	345501.	7655504.	.00	150.00	1.78
753014.	345003.	7655493.	.00	174.00	1.66
753015.	345001.	7655750.	.00	156.00	1.59
753016.	345004.	7655980.	.00	201.00	1.84
753017.	344992.	7656247.	.00	196.00	1.71
753018.	345007.	7656495.	.00	224.00	1.94
753019.	344504.	7656495.	.00	187.00	1.81

BARROW CREEK JOINT VENTURE  
 EL 8431 - HANSA  
 SOIL GEOCHEMISTRY ASSAY RESULTS

Sample Number	Easting (m)	Northing (m)	Cd ppm	Co ppm	Cr ppm	V ppm	Au ppb	Ni ppm
Detection Limit :			<1	<5	<5	<10	<1	<5
753020.	344502.	7656252.	.00	.00	20.00	38.00	.00	.00
753021.	344505.	7655992.	.00	.00	22.00	36.00	.00	6.00
753022.	344502.	7655748.	.00	.00	23.00	42.00	.00	6.00
753023.	344498.	7655502.	.00	.00	21.00	40.00	.00	6.00
753024.	344010.	7655495.	1.00	.00	23.00	45.00	.00	6.00
753025.	344014.	7655759.	1.00	5.00	24.00	45.00	1.00	7.00
753026.	344002.	7655995.	1.00	.00	23.00	44.00	1.00	5.00
753027.	344008.	7656256.	1.00	.00	23.00	40.00	.00	5.00
753028.	344008.	7656507.	1.00	.00	23.00	42.00	2.00	5.00
753029.	343509.	7656507.	1.00	5.00	24.00	42.00	2.00	6.00
753030.	343510.	7656245.	1.00	.00	21.00	38.00	2.00	5.00
753031.	343513.	7655989.	.00	.00	20.00	36.00	.00	5.00
753032.	343516.	7655754.	.00	.00	21.00	37.00	.00	5.00
753033.	343512.	7655504.	1.00	5.00	23.00	42.00	.00	6.00
753034.	346019.	7655254.	1.00	.00	20.00	38.00	1.00	5.00
753035.	346014.	7655001.	.00	.00	21.00	40.00	1.00	.00
753036.	346010.	7654753.	.00	5.00	23.00	41.00	.00	6.00
753037.	346002.	7654504.	1.00	5.00	24.00	42.00	2.00	7.00
753038.	346005.	7654253.	1.00	5.00	23.00	39.00	1.00	6.00
753039.	346007.	7654003.	.00	.00	20.00	36.00	.00	5.00
753040.	345995.	7653754.	1.00	.00	21.00	40.00	1.00	5.00
753041.	346001.	7653503.	.00	.00	21.00	39.00	2.00	.00
753042.	345997.	7653253.	1.00	5.00	24.00	47.00	.00	5.00
753043.	345998.	7652998.	1.00	.00	23.00	43.00	1.00	5.00
753044.	345998.	7652745.	.00	.00	19.00	39.00	2.00	.00
753045.	345997.	7652501.	1.00	5.00	21.00	46.00	1.00	.00
753046.	345982.	7652256.	1.00	5.00	22.00	44.00	1.00	.00
753047.	345993.	7652009.	.00	.00	20.00	38.00	.00	5.00
753048.	345996.	7651755.	1.00	.00	22.00	43.00	1.00	5.00
753049.	345994.	7651506.	.00	.00	21.00	37.00	1.00	6.00
753050.	345993.	7651247.	.00	5.00	21.00	39.00	.00	6.00
753051.	345990.	7651006.	1.00	5.00	22.00	41.00	.00	7.00
753052.	345993.	7650756.	1.00	5.00	22.00	41.00	.00	6.00
753053.	345981.	7650508.	1.00	7.00	24.00	48.00	.00	6.00
753054.	345979.	7650255.	.00	6.00	20.00	39.00	1.00	5.00
753055.	345992.	7650000.	1.00	6.00	22.00	47.00	.00	6.00
754453.	346947.	7636504.	1.00	5.00	22.00	45.00	.00	6.00
754454.	346958.	7636245.	1.00	6.00	23.00	46.00	.00	7.00
754455.	346947.	7636001.	.00	6.00	22.00	48.00	1.00	6.00
754456.	346950.	7635743.	1.00	5.00	23.00	49.00	1.00	6.00
754457.	346949.	7635499.	1.00	6.00	25.00	52.00	.00	7.00
754458.	346950.	7635241.	1.00	7.00	24.00	52.00	1.00	7.00
754459.	346959.	7634997.	1.00	7.00	21.00	48.00	.00	6.00
754460.	346959.	7634742.	1.00	7.00	22.00	50.00	1.00	6.00
754461.	346958.	7634508.	.00	.00	21.00	38.00	1.00	5.00
754462.	346956.	7634250.	1.00	6.00	24.00	48.00	.00	6.00
754463.	346950.	7633989.	1.00	6.00	25.00	53.00	1.00	8.00
754464.	346954.	7633750.	.00	.00	22.00	44.00	.00	6.00
754465.	346953.	7633498.	.00	.00	21.00	42.00	1.00	6.00
754466.	346954.	7633246.	1.00	.00	22.00	41.00	2.00	5.00
754468.	346957.	7632992.	.00	5.00	21.00	46.00	1.00	6.00

BARROW CREEK JOINT VENTURE  
 EL 8431 - HANSA  
 SOIL GEOCHEMISTRY ASSAY RESULTS

Sample Number	Easting (m)	Northing (m)	Mo ppm <5	Cu ppm <5	Pb ppm <5	Zn ppm <5	Ag ppm <1	As ppm <2
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	Detection Limit :							
753020.	344502.	7656252.	.00	7.00	.00	6.00	.00	2.00
753021.	344505.	7655992.	.00	8.00	.00	7.00	.00	2.00
753022.	344502.	7655748.	.00	8.00	.00	8.00	.00	2.00
753023.	344498.	7655502.	.00	8.00	.00	7.00	.00	3.00
753024.	344010.	7655495.	.00	9.00	.00	10.00	.00	2.00
753025.	344014.	7655759.	.00	10.00	.00	10.00	.00	3.00
753026.	344002.	7655995.	.00	9.00	.00	8.00	.00	3.00
753027.	344008.	7656256.	.00	8.00	.00	8.00	.00	3.00
753028.	344008.	7656507.	.00	8.00	.00	8.00	.00	3.00
753029.	343509.	7656507.	.00	9.00	.00	10.00	.00	3.00
753030.	343510.	7656245.	.00	7.00	.00	7.00	.00	3.00
753031.	343513.	7655989.	.00	7.00	.00	6.00	.00	3.00
753032.	343516.	7655754.	.00	7.00	.00	6.00	.00	3.00
753033.	343512.	7655504.	.00	9.00	.00	9.00	.00	3.00
753034.	346019.	7655254.	.00	7.00	.00	6.00	.00	3.00
753035.	346014.	7655001.	.00	7.00	.00	7.00	.00	2.00
753036.	346010.	7654753.	.00	9.00	.00	9.00	.00	2.00
753037.	346002.	7654504.	.00	9.00	.00	10.00	.00	2.00
753038.	346005.	7654253.	.00	7.00	.00	9.00	.00	2.00
753039.	346007.	7654003.	.00	6.00	.00	6.00	.00	2.00
753040.	345995.	7653754.	.00	7.00	.00	6.00	.00	2.00
753041.	346001.	7653503.	.00	6.00	.00	6.00	.00	2.00
753042.	345997.	7653253.	.00	8.00	.00	8.00	.00	3.00
753043.	345998.	7652998.	.00	9.00	.00	8.00	.00	3.00
753044.	345998.	7652745.	.00	7.00	.00	7.00	.00	2.00
753045.	345997.	7652501.	.00	7.00	.00	6.00	.00	3.00
753046.	345982.	7652256.	.00	8.00	.00	7.00	.00	3.00
753047.	345993.	7652009.	.00	7.00	.00	7.00	.00	3.00
753048.	345996.	7651755.	.00	8.00	.00	7.00	.00	2.00
753049.	345994.	7651506.	.00	7.00	.00	8.00	.00	3.00
753050.	345993.	7651247.	.00	7.00	.00	8.00	.00	3.00
753051.	345990.	7651006.	.00	9.00	.00	10.00	.00	3.00
753052.	345993.	7650756.	.00	8.00	.00	7.00	.00	3.00
753053.	345981.	7650508.	.00	9.00	.00	8.00	.00	2.00
753054.	345979.	7650255.	.00	8.00	.00	11.00	.00	2.00
753055.	345992.	7650000.	.00	9.00	.00	8.00	.00	3.00
754453.	346947.	7636504.	.00	7.00	.00	8.00	.00	3.00
754454.	346958.	7636245.	.00	8.00	.00	8.00	.00	3.00
754455.	346947.	7636001.	.00	8.00	.00	9.00	.00	3.00
754456.	346950.	7635743.	.00	8.00	.00	9.00	.00	3.00
754457.	346949.	7635499.	.00	10.00	.00	10.00	.00	3.00
754458.	346950.	7635241.	.00	10.00	.00	10.00	.00	3.00
754459.	346959.	7634997.	.00	8.00	.00	7.00	.00	3.00
754460.	346959.	7634742.	.00	9.00	.00	8.00	.00	3.00
754461.	346958.	7634508.	.00	6.00	.00	6.00	.00	2.00
754462.	346956.	7634250.	.00	9.00	.00	9.00	.00	3.00
754463.	346950.	7633989.	.00	11.00	.00	11.00	.00	3.00
754464.	346954.	7633750.	.00	7.00	.00	6.00	.00	2.00
754465.	346953.	7633498.	.00	7.00	.00	6.00	.00	3.00
754466.	346954.	7633246.	.00	6.00	.00	6.00	.00	3.00
754468.	346957.	7632992.	.00	7.00	.00	6.00	.00	2.00

BARROW CREEK JOINT VENTURE  
 EL 8431 - HANSA  
 SOIL GEOCHEMISTRY ASSAY RESULTS

Sample Number	Easting (m)	Northing (m)	Bi ppm <5	Mn ppm <5	Fe % <.01
753020.	344502.	7656252.	.00	176.00	1.71
753021.	344505.	7655992.	.00	195.00	1.66
753022.	344502.	7655748.	.00	199.00	1.94
753023.	344498.	7655502.	.00	217.00	1.84
753024.	344010.	7655495.	.00	189.00	2.07
753025.	344014.	7655759.	.00	238.00	2.10
753026.	344002.	7655995.	.00	139.00	2.01
753027.	344008.	7656256.	.00	154.00	1.83
753028.	344008.	7656507.	.00	167.00	1.92
753029.	343509.	7656507.	.00	189.00	1.96
753030.	343510.	7656245.	.00	150.00	1.71
753031.	343513.	7655989.	.00	154.00	1.66
753032.	343516.	7655754.	.00	156.00	1.67
753033.	343512.	7655504.	.00	219.00	1.93
753034.	346019.	7655254.	.00	135.00	1.73
753035.	346014.	7655001.	.00	163.00	1.84
753036.	346010.	7654753.	.00	209.00	1.90
753037.	346002.	7654504.	.00	232.00	2.00
753038.	346005.	7654253.	.00	209.00	1.85
753039.	346007.	7654003.	.00	156.00	1.64
753040.	345995.	7653754.	.00	175.00	1.83
753041.	346001.	7653503.	.00	183.00	1.76
753042.	345997.	7653253.	.00	197.00	2.21
753043.	345998.	7652998.	.00	194.00	2.07
753044.	345998.	7652745.	.00	211.00	1.85
753045.	345997.	7652501.	.00	168.00	2.11
753046.	345982.	7652256.	.00	175.00	2.07
753047.	345993.	7652009.	.00	136.00	1.74
753048.	345996.	7651755.	.00	130.00	2.01
753049.	345994.	7651506.	.00	191.00	1.68
753050.	345993.	7651247.	.00	189.00	1.83
753051.	345990.	7651006.	.00	225.00	1.93
753052.	345993.	7650756.	.00	201.00	1.91
753053.	345981.	7650508.	.00	219.00	2.23
753054.	345979.	7650255.	.00	275.00	1.79
753055.	345992.	7650000.	.00	210.00	2.14
754453.	346947.	7636504.	.00	255.00	2.04
754454.	346958.	7636245.	.00	262.00	2.12
754455.	346947.	7636001.	.00	237.00	2.21
754456.	346950.	7635743.	.00	214.00	2.14
754457.	346949.	7635499.	.00	215.00	2.38
754458.	346950.	7635241.	.00	277.00	2.40
754459.	346959.	7634997.	.00	275.00	2.18
754460.	346959.	7634742.	.00	268.00	2.26
754461.	346958.	7634508.	.00	198.00	1.72
754462.	346956.	7634250.	.00	250.00	2.16
754463.	346950.	7633989.	.00	327.00	2.37
754464.	346954.	7633750.	.00	227.00	1.94
754465.	346953.	7633498.	.00	229.00	1.88
754466.	346954.	7633246.	.00	215.00	1.84
754468.	346957.	7632992.	.00	225.00	1.94

BARROW CREEK JOINT VENTURE  
 EL 8431 - HANSA  
 SOIL GEOCHEMISTRY ASSAY RESULTS

Sample Number	Easting (m)	Northing (m)	Cd ppm Detection Limit : <1	Co ppm <5	Cr ppm <5	V ppm <10	Au ppb <1	Ni ppm <5
754469.	346942.	7632752.	1.00	6.00	24.00	50.00	.00	7.00
754470.	346941.	7632500.	1.00	6.00	24.00	51.00	.00	7.00
754471.	346953.	7632244.	1.00	6.00	24.00	51.00	3.00	6.00
754472.	346950.	7631995.	1.00	6.00	23.00	52.00	1.00	6.00
754473.	346943.	7631740.	.00	.00	20.00	44.00	.00	.00
754474.	346955.	7631492.	.00	5.00	21.00	45.00	.00	5.00
754475.	346478.	7631495.	.00	.00	20.00	43.00	.00	5.00
754476.	346470.	7631748.	1.00	6.00	24.00	52.00	.00	7.00
754477.	346470.	7632000.	1.00	5.00	22.00	47.00	1.00	6.00
754478.	346459.	7632243.	1.00	6.00	23.00	50.00	.00	6.00
754479.	346470.	7632496.	.00	5.00	21.00	47.00	.00	5.00
754480.	346461.	7632754.	1.00	.00	21.00	44.00	.00	6.00
754481.	346467.	7632992.	1.00	5.00	25.00	55.00	.00	8.00
754482.	346463.	7633255.	1.00	5.00	23.00	51.00	2.00	7.00
754483.	346476.	7633504.	.00	5.00	21.00	49.00	1.00	5.00
754484.	346475.	7633752.	.00	5.00	20.00	50.00	.00	6.00
754485.	346474.	7634003.	1.00	6.00	24.00	55.00	1.00	7.00
754486.	346469.	7634252.	1.00	5.00	22.00	50.00	1.00	7.00
754487.	346465.	7634507.	1.00	6.00	23.00	53.00	1.00	7.00
754488.	346468.	7634750.	1.00	6.00	21.00	55.00	.00	7.00
754489.	346484.	7635002.	1.00	5.00	21.00	53.00	.00	6.00
754490.	346485.	7635240.	1.00	6.00	21.00	54.00	.00	7.00
754491.	346476.	7635497.	1.00	5.00	22.00	46.00	1.00	5.00
754492.	346474.	7635738.	1.00	5.00	22.00	48.00	2.00	6.00
754493.	346485.	7636008.	1.00	6.00	22.00	49.00	2.00	5.00
754494.	346484.	7636247.	.00	.00	22.00	46.00	1.00	6.00
754495.	346479.	7636505.	.00	.00	20.00	42.00	.00	5.00
754496.	346003.	7636504.	1.00	5.00	23.00	51.00	.00	7.00
754497.	346003.	7636255.	1.00	5.00	23.00	51.00	1.00	7.00
754498.	346000.	7636001.	.00	5.00	22.00	49.00	1.00	6.00
754499.	346003.	7635739.	1.00	5.00	23.00	52.00	.00	6.00
754500.	346001.	7635495.	1.00	6.00	24.00	52.00	1.00	7.00

BARROW CREEK JOINT VENTURE  
 EL 8431 - HANSA  
 SOIL GEOCHEMISTRY ASSAY RESULTS

Sample Number	Easting (m)	Northing (m)	Mo ppm Detection Limit : <5	Cu ppm <5	Pb ppm <5	Zn ppm <5	Ag ppm <1	As ppm <2
754469.	346942.	7632752.	.00	9.00	.00	9.00	.00	3.00
754470.	346941.	7632500.	.00	9.00	.00	8.00	.00	3.00
754471.	346953.	7632244.	.00	10.00	.00	10.00	.00	3.00
754472.	346950.	7631995.	.00	10.00	.00	11.00	.00	3.00
754473.	346943.	7631740.	.00	7.00	.00	8.00	.00	2.00
754474.	346955.	7631492.	.00	8.00	.00	7.00	.00	3.00
754475.	346478.	7631495.	.00	8.00	.00	7.00	.00	2.00
754476.	346470.	7631748.	.00	10.00	.00	9.00	.00	3.00
754477.	346470.	7632000.	.00	10.00	.00	10.00	.00	3.00
754478.	346459.	7632243.	.00	10.00	.00	9.00	.00	3.00
754479.	346470.	7632496.	.00	8.00	.00	7.00	.00	3.00
754480.	346461.	7632754.	.00	9.00	.00	9.00	.00	3.00
754481.	346467.	7632992.	.00	11.00	.00	11.00	.00	3.00
754482.	346463.	7633255.	.00	10.00	.00	10.00	.00	3.00
754483.	346476.	7633504.	.00	8.00	.00	8.00	.00	2.00
754484.	346475.	7633752.	.00	9.00	.00	9.00	.00	3.00
754485.	346474.	7634003.	.00	11.00	.00	11.00	.00	3.00
754486.	346469.	7634252.	.00	10.00	.00	9.00	.00	3.00
754487.	346465.	7634507.	.00	10.00	.00	10.00	.00	3.00
754488.	346468.	7634750.	.00	10.00	.00	9.00	.00	3.00
754489.	346484.	7635002.	.00	10.00	.00	11.00	.00	3.00
754490.	346485.	7635240.	.00	11.00	.00	11.00	.00	4.00
754491.	346476.	7635497.	.00	8.00	.00	14.00	.00	3.00
754492.	346474.	7635738.	.00	8.00	.00	9.00	.00	3.00
754493.	346485.	7636008.	.00	8.00	.00	6.00	.00	3.00
754494.	346484.	7636247.	.00	7.00	.00	7.00	.00	3.00
754495.	346479.	7636505.	.00	7.00	.00	9.00	.00	2.00
754496.	346003.	7636504.	.00	9.00	.00	8.00	.00	3.00
754497.	346003.	7636255.	.00	10.00	.00	9.00	.00	3.00
754498.	346000.	7636001.	.00	8.00	.00	8.00	.00	3.00
754499.	346003.	7635739.	.00	9.00	.00	9.00	.00	3.00
754500.	346001.	7635495.	.00	11.00	.00	11.00	.00	3.00



BARROW CREEK JOINT VENTURE  
 EL 8431 - HANSA  
 SOIL GEOCHEMISTRY ASSAY RESULTS

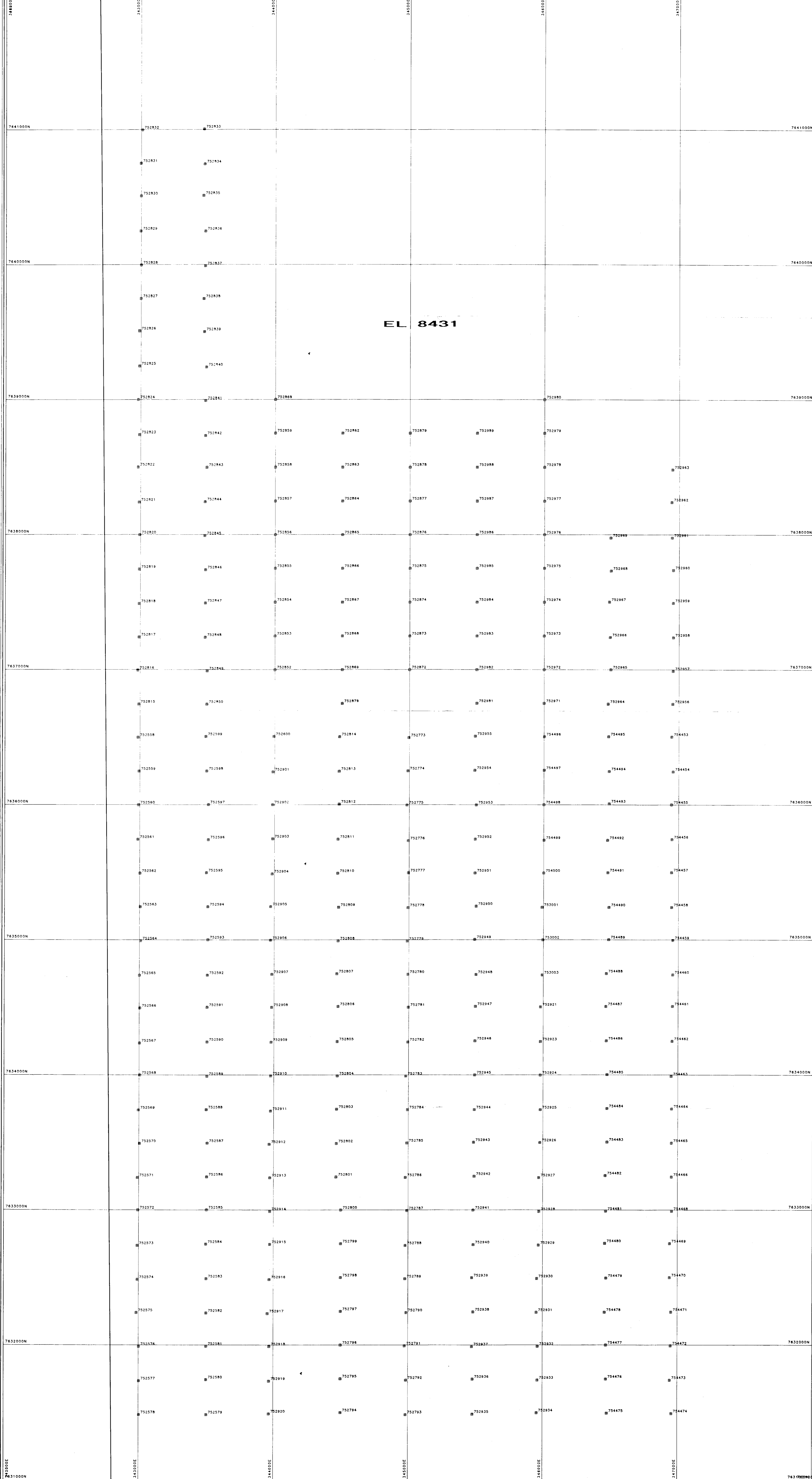
Sample Number	Easting (m)	Northing (m)	Bi ppm <5	Mn ppm <5	Fe % <.01
754469.	346942.	7632752.	.00	290.00	2.22
754470.	346941.	7632500.	.00	289.00	2.27
754471.	346953.	7632244.	.00	243.00	2.34
754472.	346950.	7631995.	.00	255.00	2.42
754473.	346943.	7631740.	.00	188.00	1.99
754474.	346955.	7631492.	.00	211.00	2.07
754475.	346478.	7631495.	.00	227.00	1.98
754476.	346470.	7631748.	.00	246.00	2.41
754477.	346470.	7632000.	.00	207.00	2.18
754478.	346459.	7632243.	.00	225.00	2.33
754479.	346470.	7632496.	.00	208.00	2.14
754480.	346461.	7632754.	.00	202.00	2.03
754481.	346467.	7632992.	.00	212.00	2.53
754482.	346463.	7633255.	.00	179.00	2.35
754483.	346476.	7633504.	.00	208.00	2.19
754484.	346475.	7633752.	.00	237.00	2.22
754485.	346474.	7634003.	.00	236.00	2.47
754486.	346469.	7634252.	.00	233.00	2.25
754487.	346465.	7634507.	.00	235.00	2.38
754488.	346468.	7634750.	.00	260.00	2.48
754489.	346484.	7635002.	.00	213.00	2.40
754490.	346485.	7635240.	.00	261.00	2.44
754491.	346476.	7635497.	.00	172.00	2.08
754492.	346474.	7635738.	.00	189.00	2.17
754493.	346485.	7636008.	.00	222.00	2.17
754494.	346484.	7636247.	.00	211.00	2.03
754495.	346479.	7636505.	.00	198.00	1.86
754496.	346003.	7636504.	.00	253.00	2.26
754497.	346003.	7636255.	.00	250.00	2.29
754498.	346000.	7636001.	.00	186.00	2.17
754499.	346003.	7635739.	.00	185.00	2.32
754500.	346001.	7635495.	.00	266.00	2.36

**APPENDIX TWO**

**BIBLIOGRAPHIC DATA SHEET**

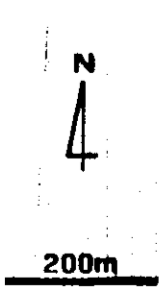
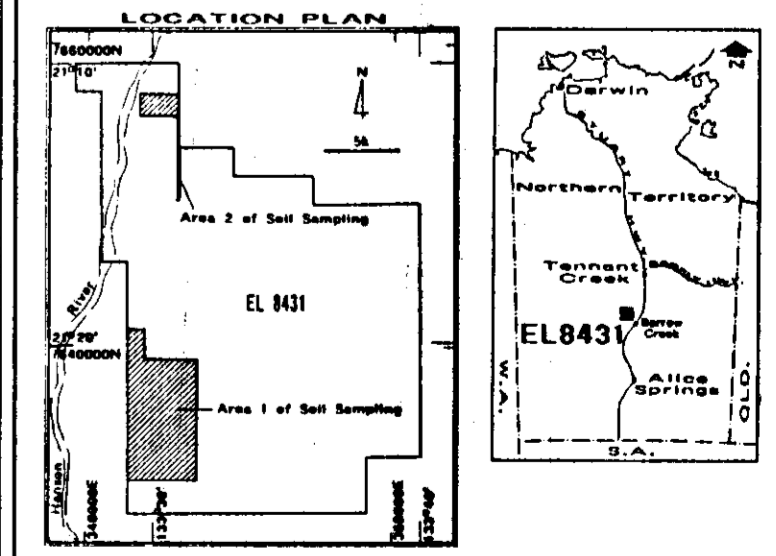
**BIBLIOGRAPHIC DATA-SHEET**

REPORT NUMBER	14762
REPORT NAME	ANNUAL REPORT FOR EXPLORATION LICENCE 8431 FOR THE PERIOD 24/12/93 TO 23/12/94, BARROW CREEK DISTRICT, NORTHERN TERRITORY, HANSA PROSPECT
PROSPECT NAME(S)	EL 8431 HANSA PROSPECT
OWNER/JV PARTNERS	POSEIDON GOLD LIMITED
KEYWORDS	BULLION SCHIST ARUNTA INLIER SOIL SAMPLING
COMMODITIES	GOLD
TECTONIC UNIT	ARUNTA INLIER
1:250,000 MAP SHEET	BARROW CREEK SF 53-6
1:100,000 MAP SHEET	CRAWFORD SF 53-6/1 TAYLOR SF 53-6/2



EL 8431

CR95/2..



200m

Plan No. 1

BARROW CREEK JOINT VENTURE

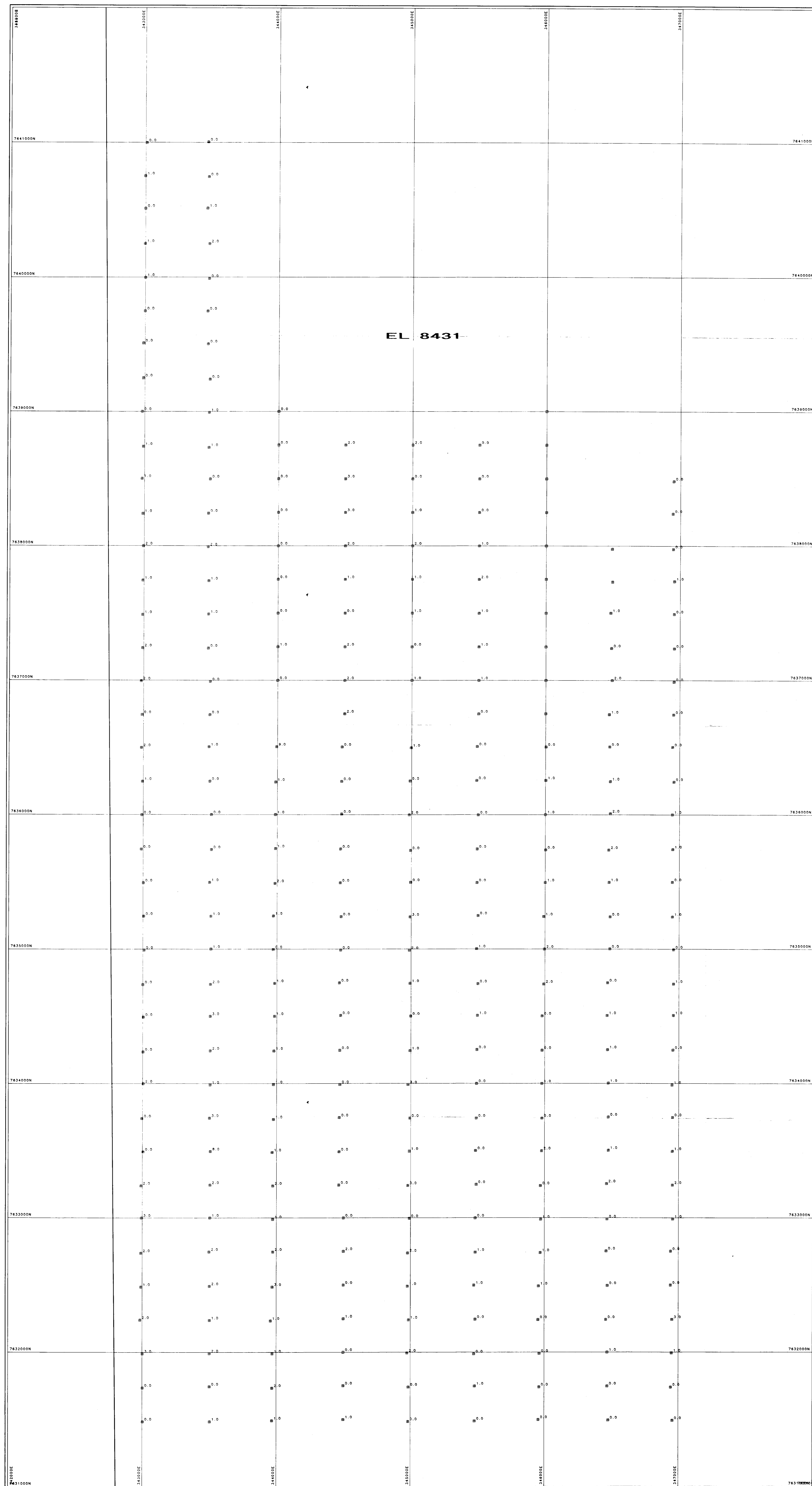
EL 8431 - HANSA

SOIL GEOCHEMISTRY AREA 1

SAMPLE NUMBER LOCATIONS

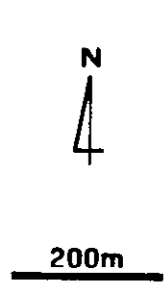
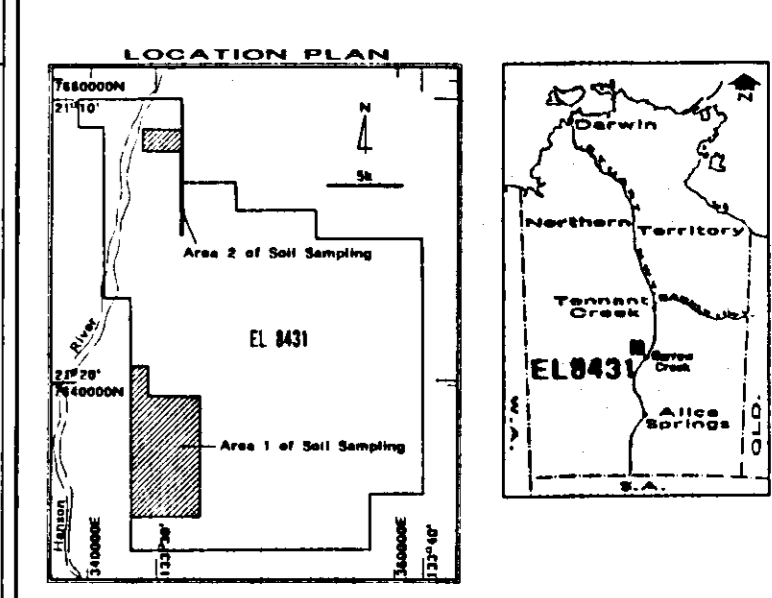
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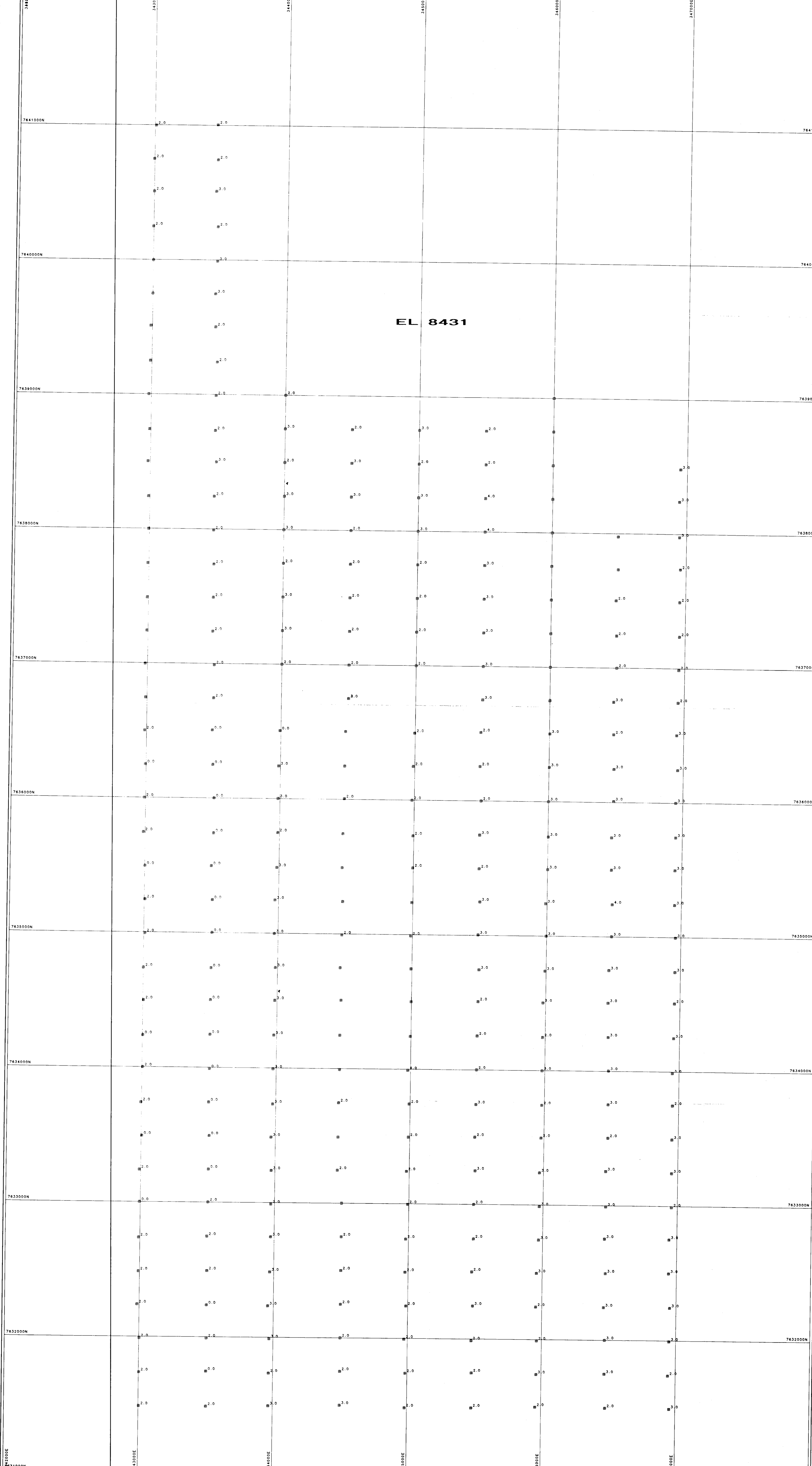


EL 8431

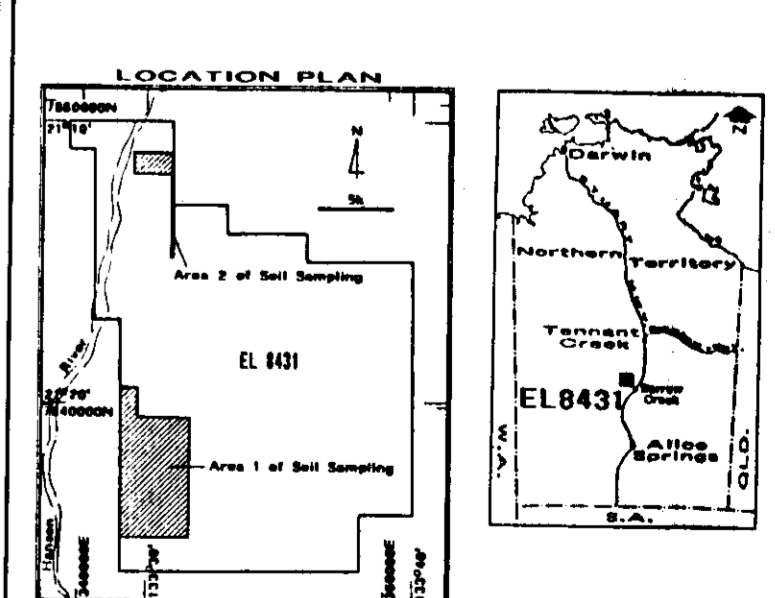
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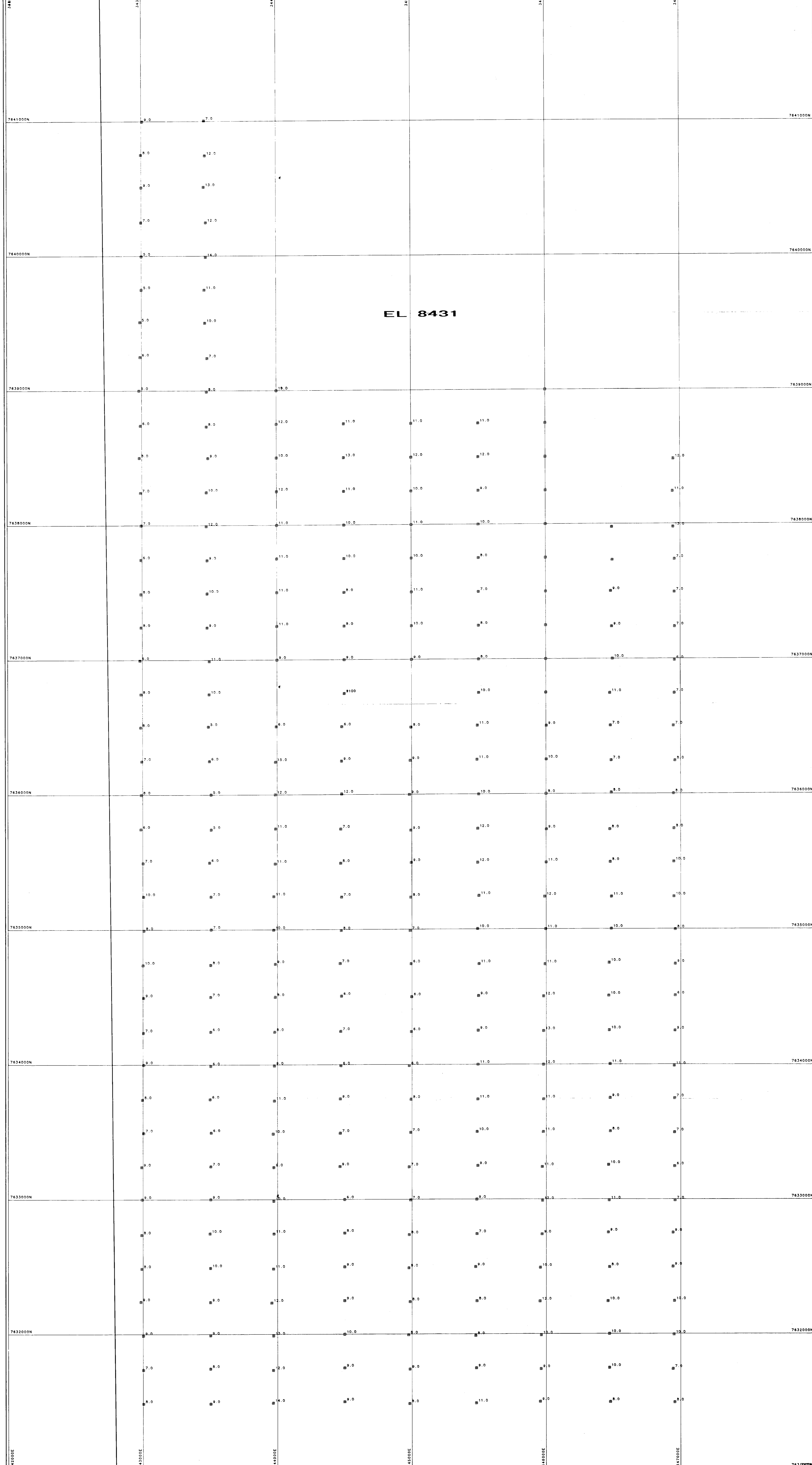
Plan No. 2			
BARROW CREEK JOINT VENTURE			
EL 8431 - HANSA			
SOIL GEOCHEMISTRY AREA 1			
Au (ppb)			
SCALE	DRAWN	DATE	CHECKED
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CR95/2...

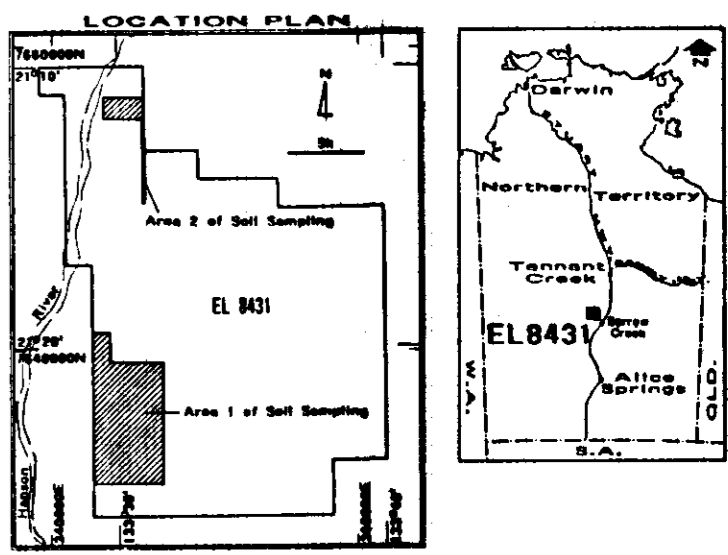


Plan No. 3		
BARROW CREEK JOINT VENTURE		
EL 8431 - HANSA		
SOIL GEOCHEMISTRY AREA 1		
As (ppm)		
SCALE	DRAWN	CHECKED
1:10000	DATAMINE	SM
		DATE
		14 DEC 94



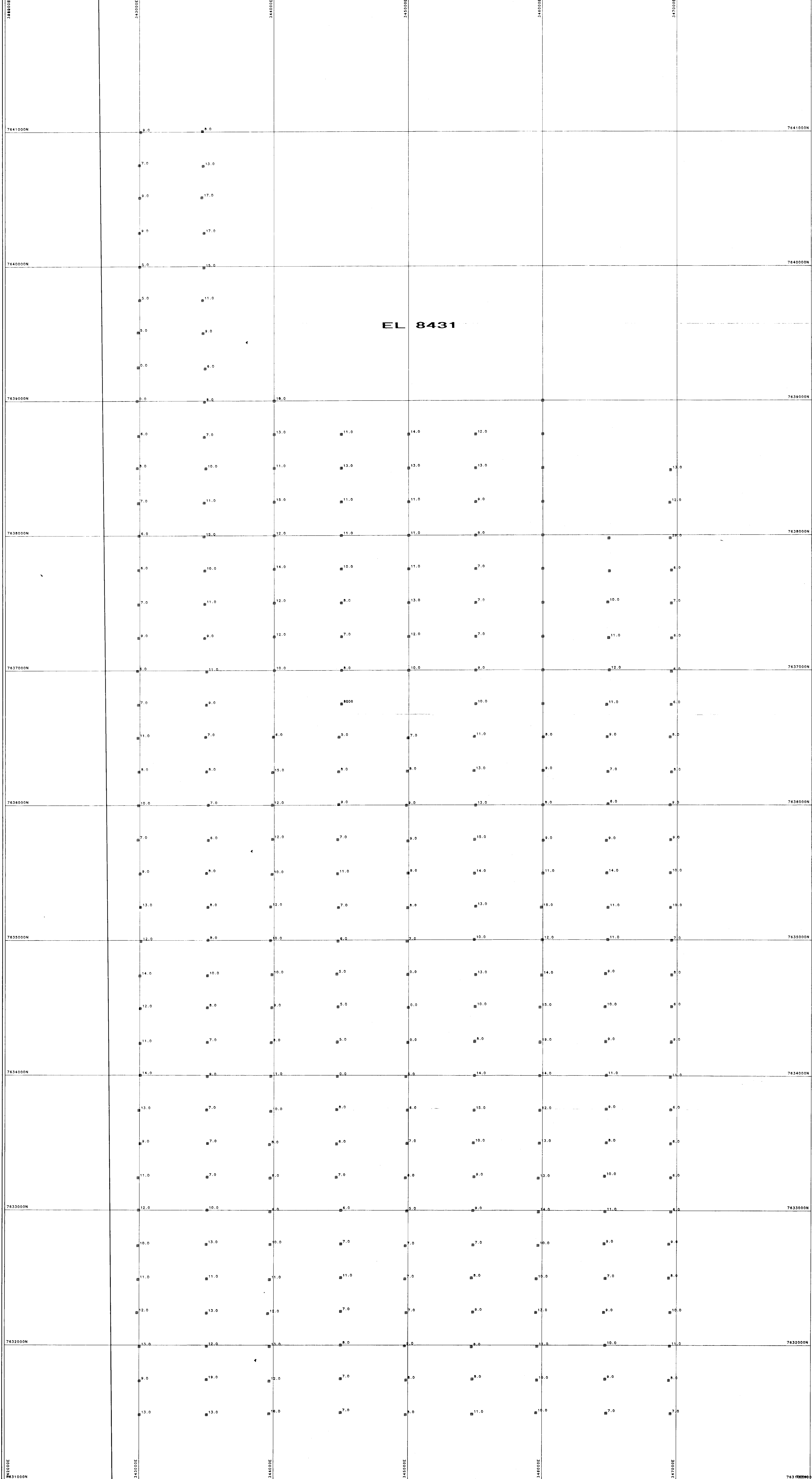
EL 8431

CR95/2

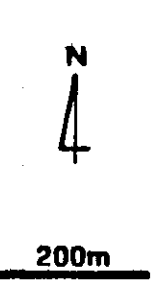
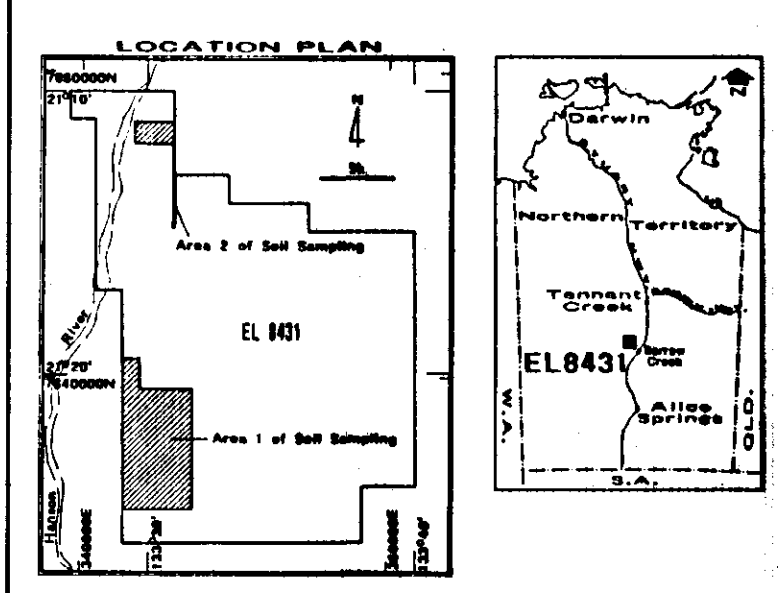


200m

Plan No. 4			
BARROW CREEK JOINT VENTURE			
EL 8431 - HANSA			
SOIL GEOCHEMISTRY AREA 1			
Cu (ppm)			
SCALE	DRAWN	DATE	CHECKED
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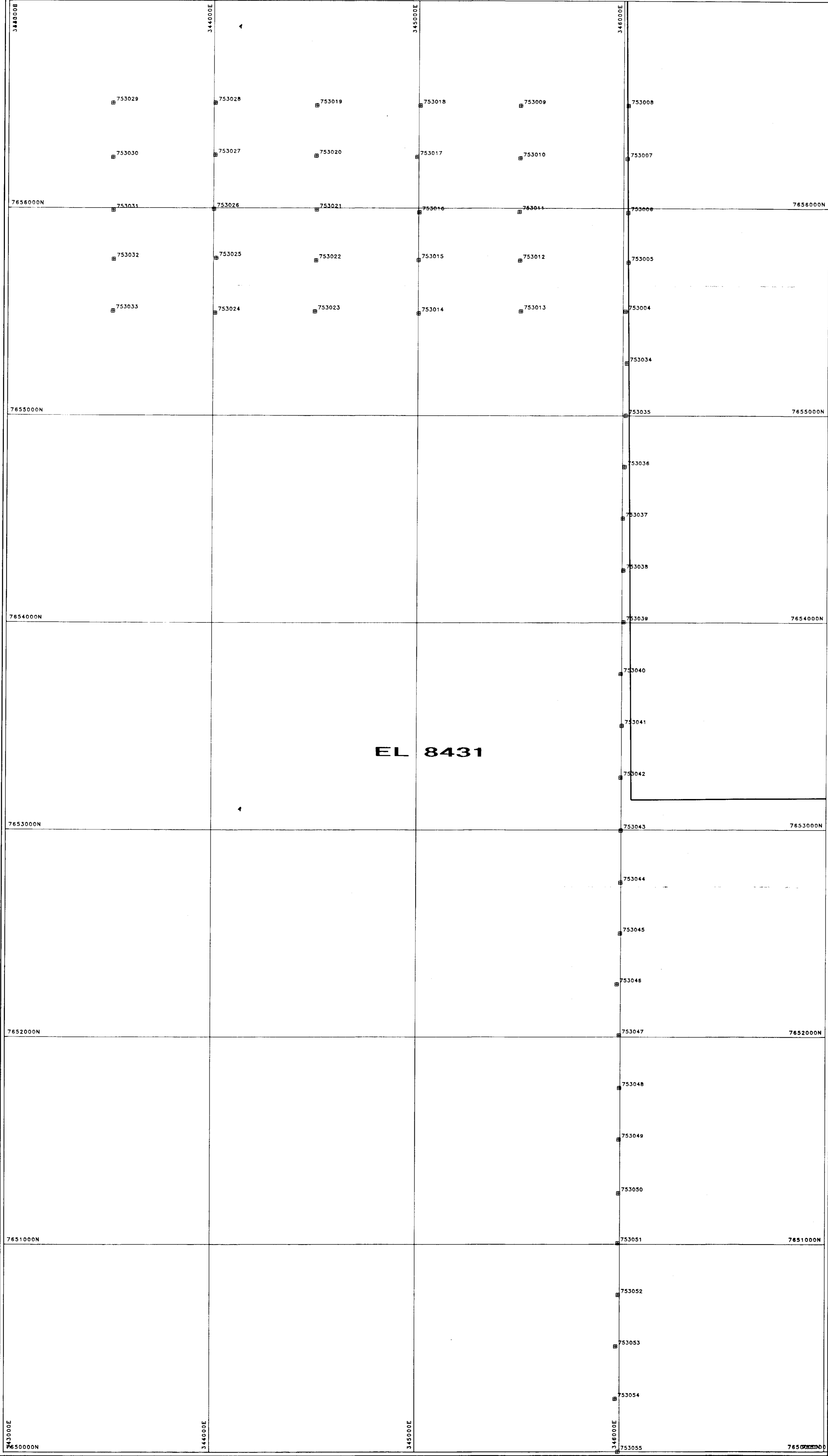


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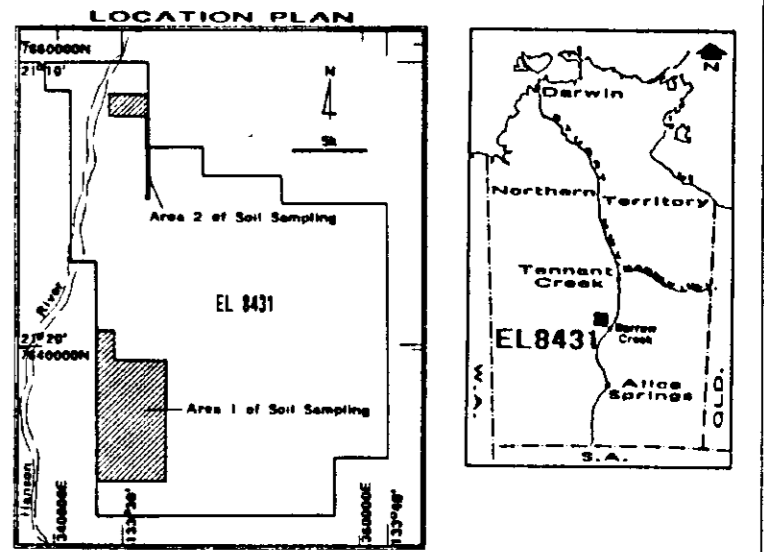


Plan No. 5			
BARROW CREEK JOINT VENTURE			
EL 8431 - HANSA			
SOIL GEOCHEMISTRY AREA 1			
Zn (ppm)			
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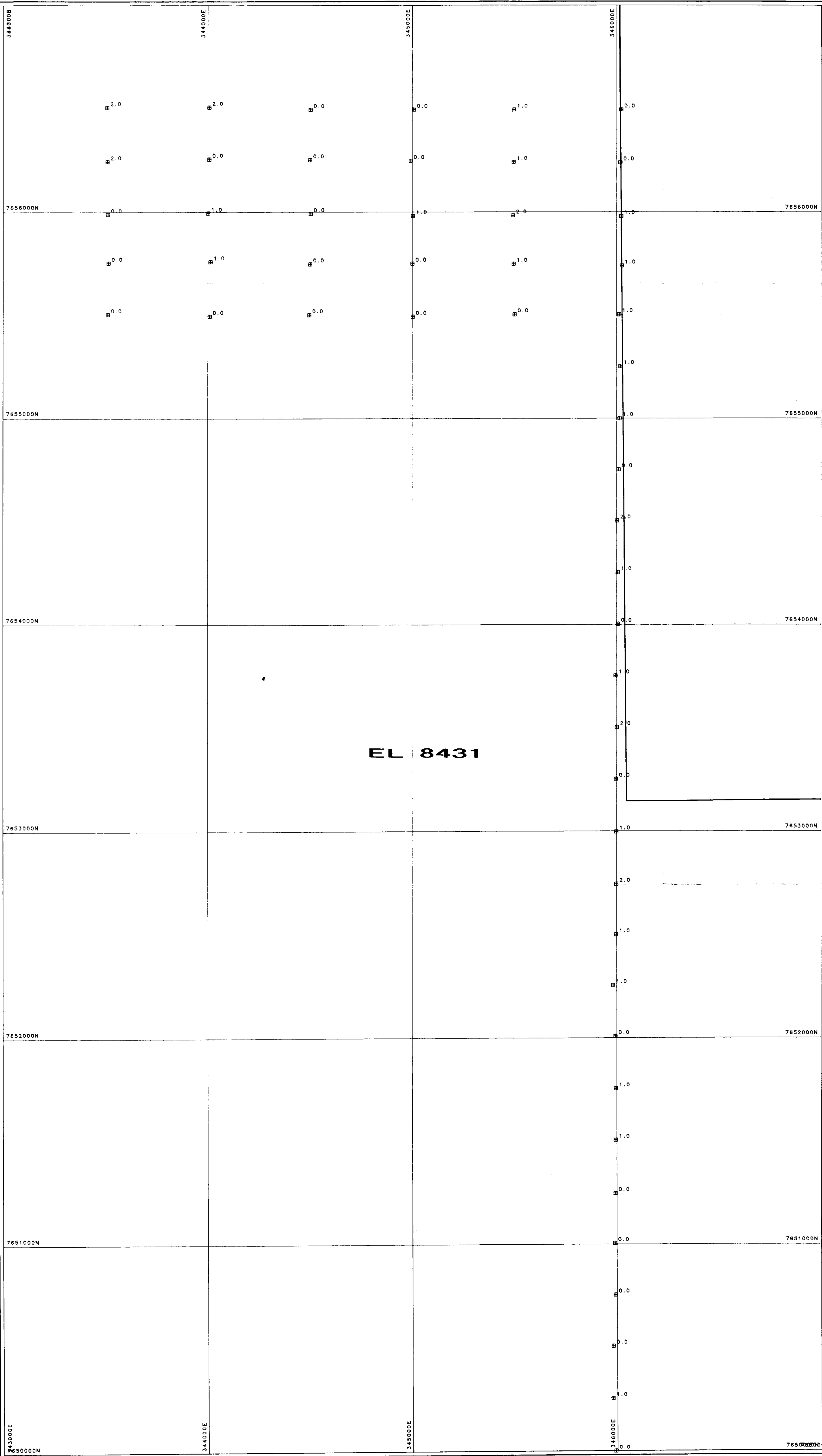




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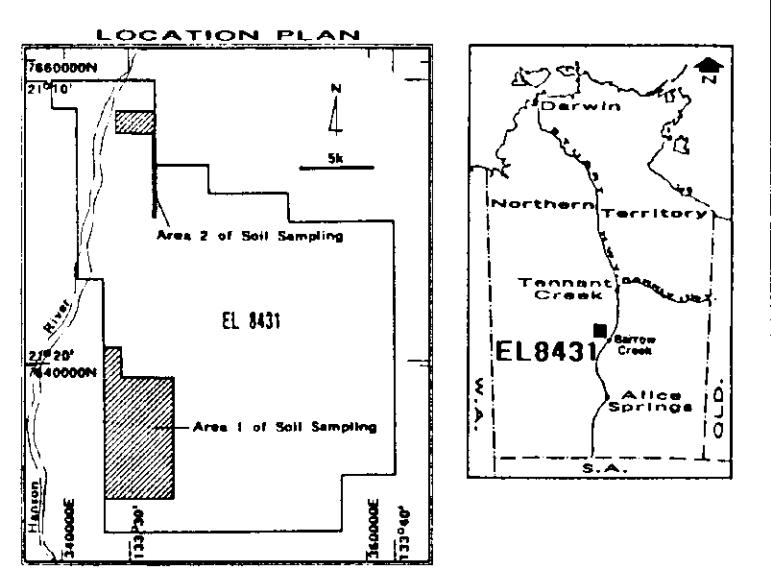


Plan No. 6			
BARROW CREEK JOINT VENTURE			
EL 8431 - HANSA			
SOIL GEOCHEMISTRY AREA 2			
SAMPLE NUMBER LOCATIONS			
SCALE	DRAWN	DATE	CHECKED
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CR95/2...

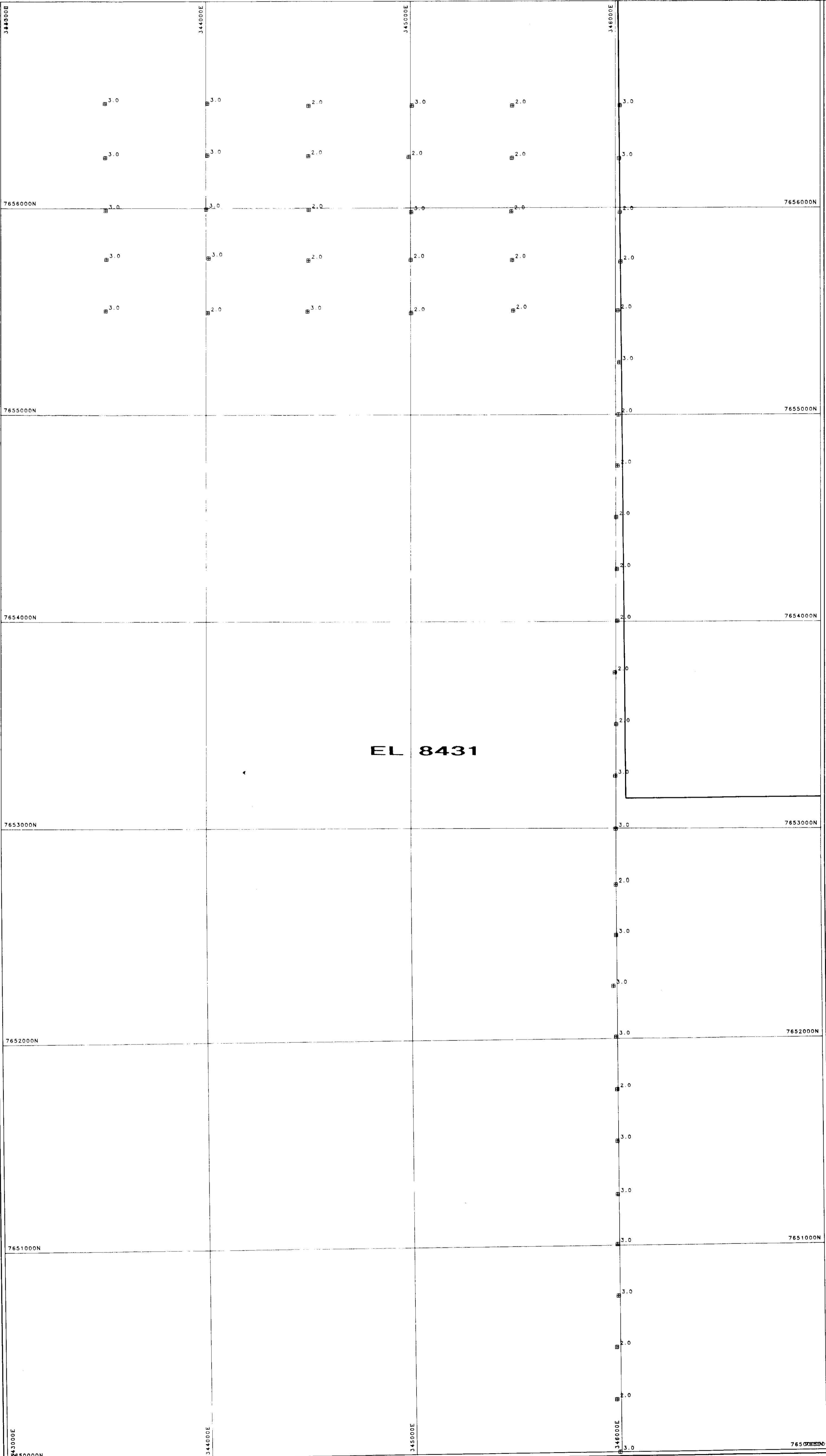
EL 8431



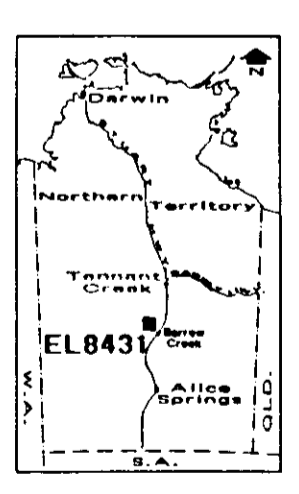
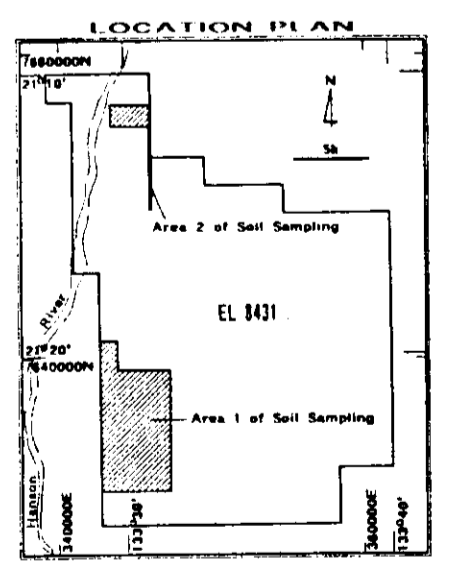
200m

Plan No. 7

BARROW CREEK JOINT VENTURE			
EL 8431 - HANSA			
SOIL GEOCHEMISTRY AREA 2			
Au (ppb)			
SCALE	DRAWN	DATE	CHECKED
1:10000	DATAMINE	14 DEC 94	SM



CR95/2



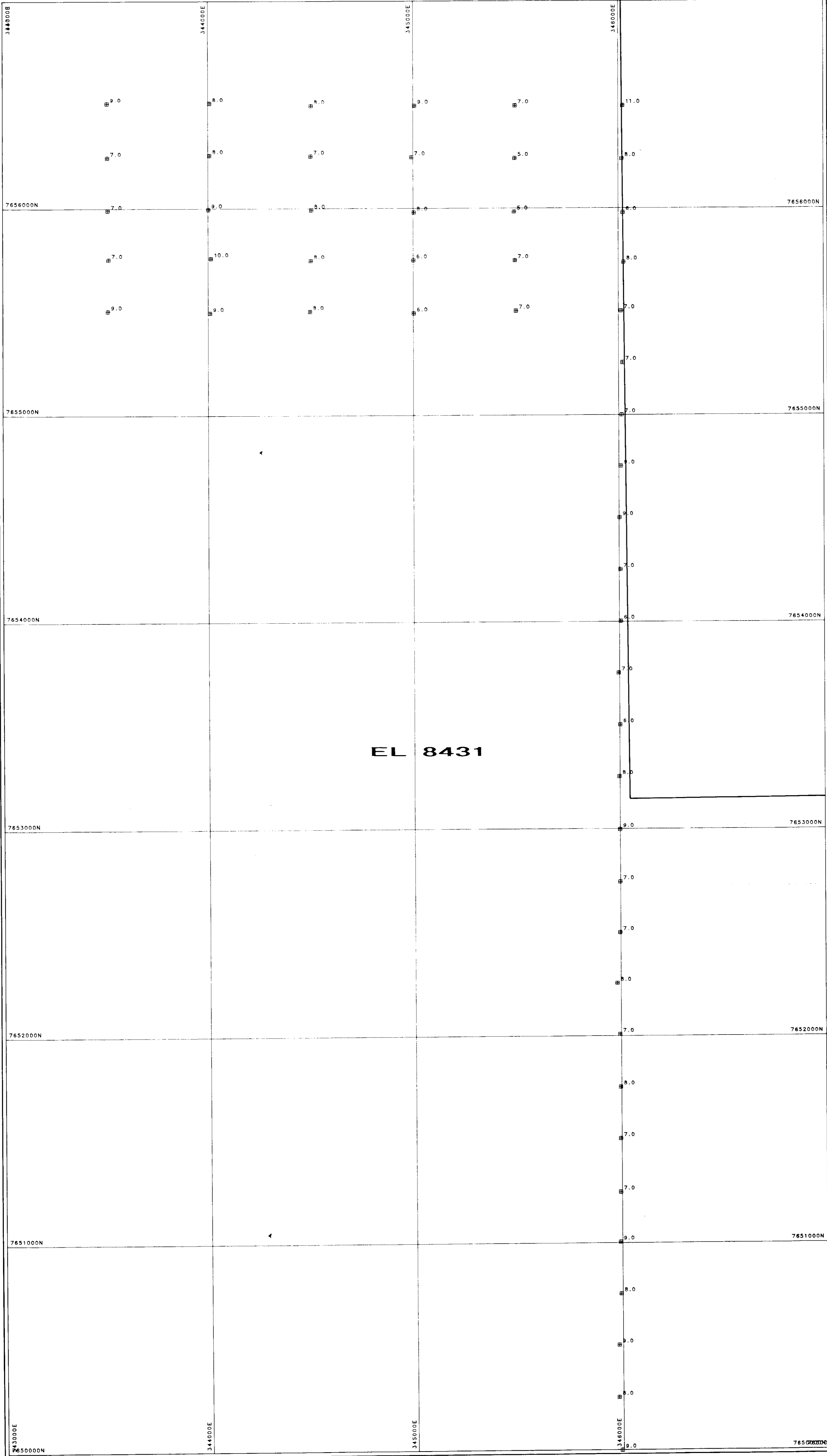
200m

Plan No. 8

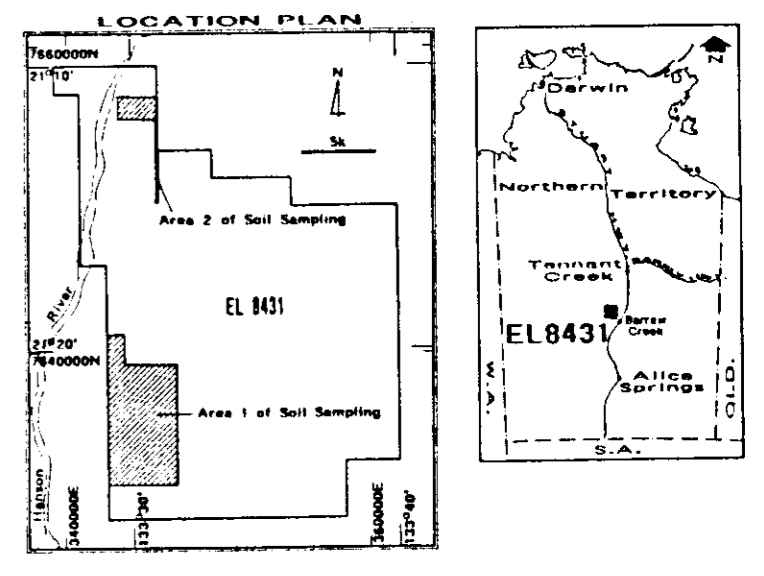
BARROW CREEK JOINT VENTURE

EL 8431 - HANSA  
SOIL GEOCHEMISTRY AREA 2  
As (ppm)

SCALE 1:10000	DRAWN DATAMINE	DATE 14 DEC 94	CHECKED SM
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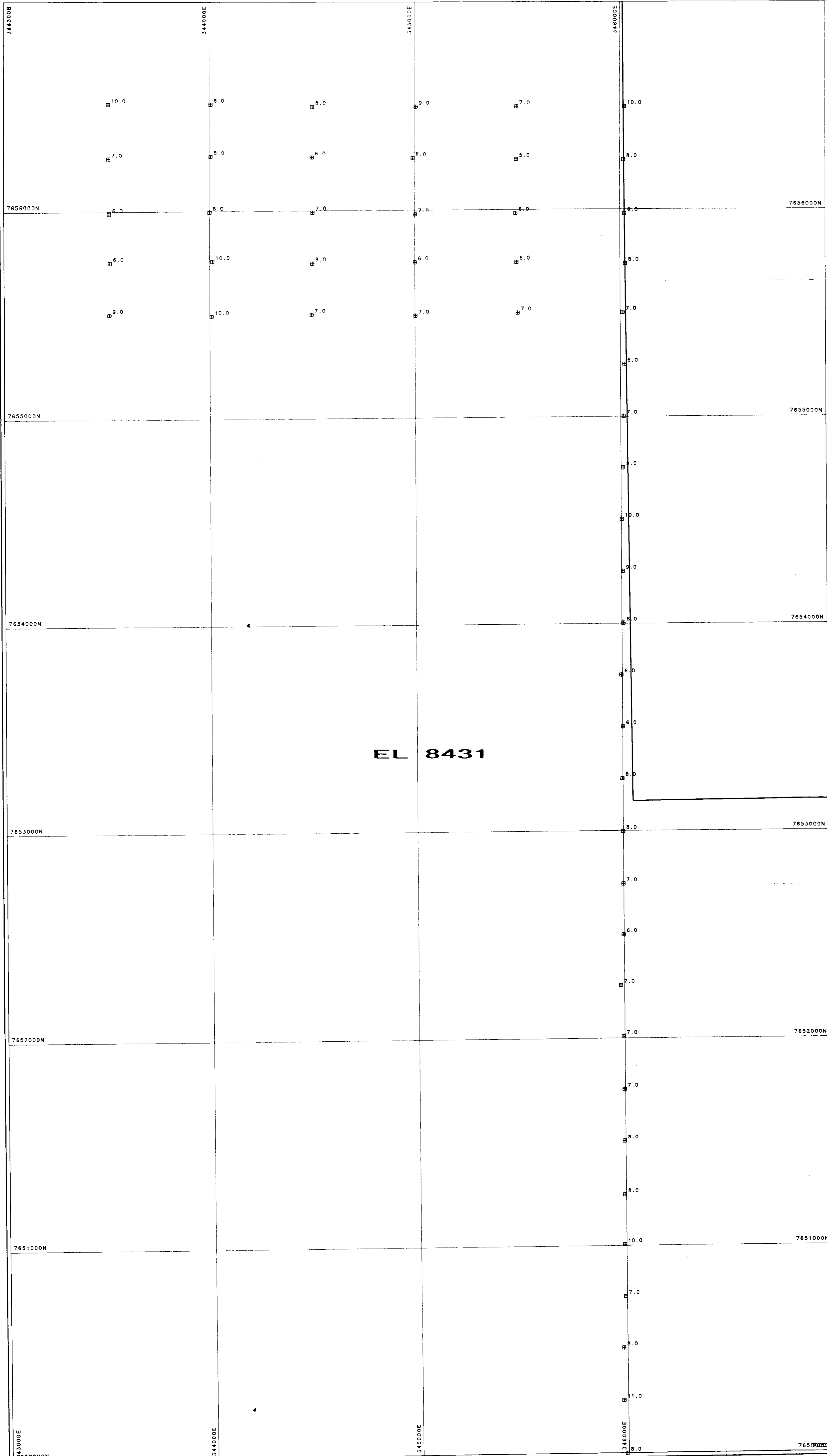
CR95/2...



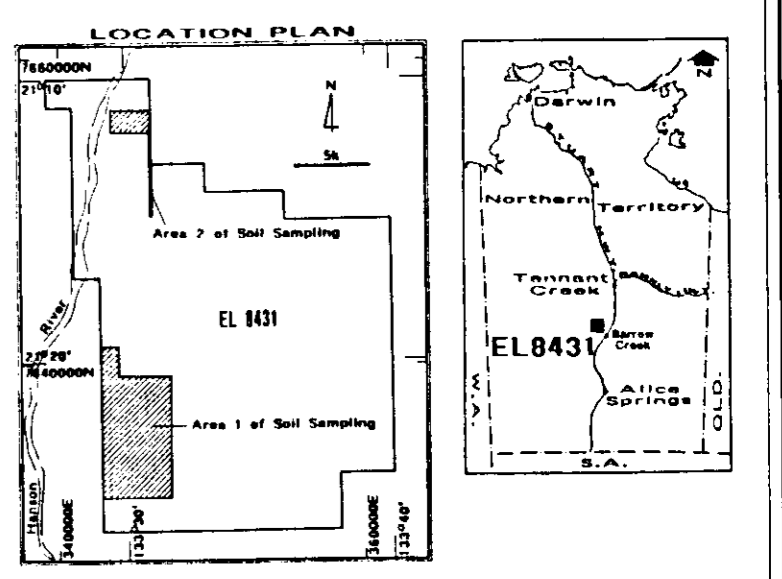
200m

Plan No. 9

BARROW CREEK JOINT VENTURE			
EL 8431 - HANSA			
SOIL GEOCHEMISTRY AREA 2			
Cu (ppm)			
SCALE	DRAWN	DATE	CHECKED
1:10000	DATAMINE	14 DEC 94	SM



CR95/2.1.1



Plan No. 10

BARROW CREEK JOINT VENTURE

EL 8431 - HANSA

SOIL GEOCHEMISTRY AREA 2

Zn (ppm)

SCALE 1:10000	DRAWN DATAMINE	DATE 14 DEC 94	CHECKED SM
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