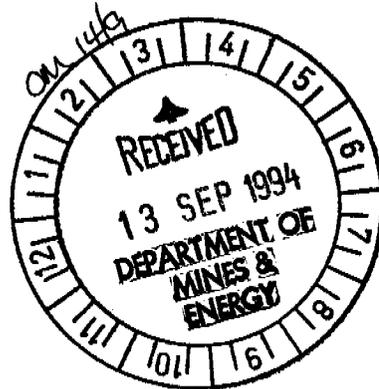


**RUSTLERS ROOST  
EL8045  
YEAR 1 ANNUAL REPORT**



Distribution:  
NTDME Darwin  
Dominion Mining Ltd, Darwin  
Dominion Mining Ltd, Perth

By: D. Morrison  
September 1994

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### APPENDICES

Appendix	1:	Sample Logs
Appendix	2:	Assays

## 1. SUMMARY

This report details the exploration activities completed on EL8045 during year 1 of tenure ending 18 September 1994.

The field component of work comprised of a wide spaced combined lag/soil geochemical sampling programme.

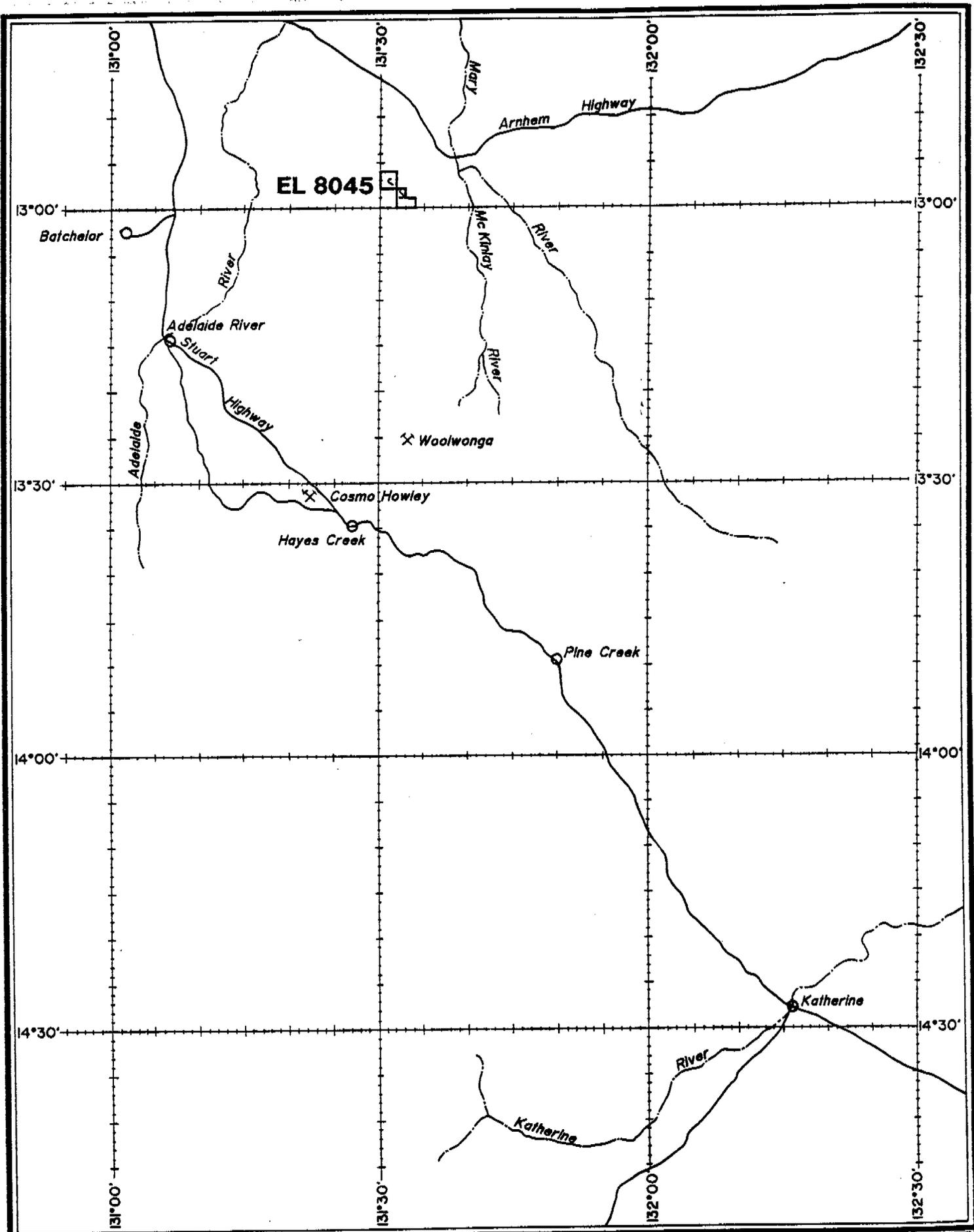
Peak gold response for the geochemical programme is:

20ppb Au (Soils)

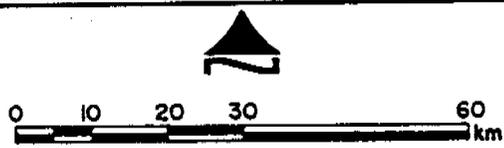
Results from this programme were however generally disappointing. The data will be analysed with respect to the overburden/regolith. Recommendations for EL8045 for year 2 of tenure include:

- Development of a Regolith Map
- Bedrock sampling/drilling across areas of transported overburden.

Total Expenditure: \$ 26,854.00

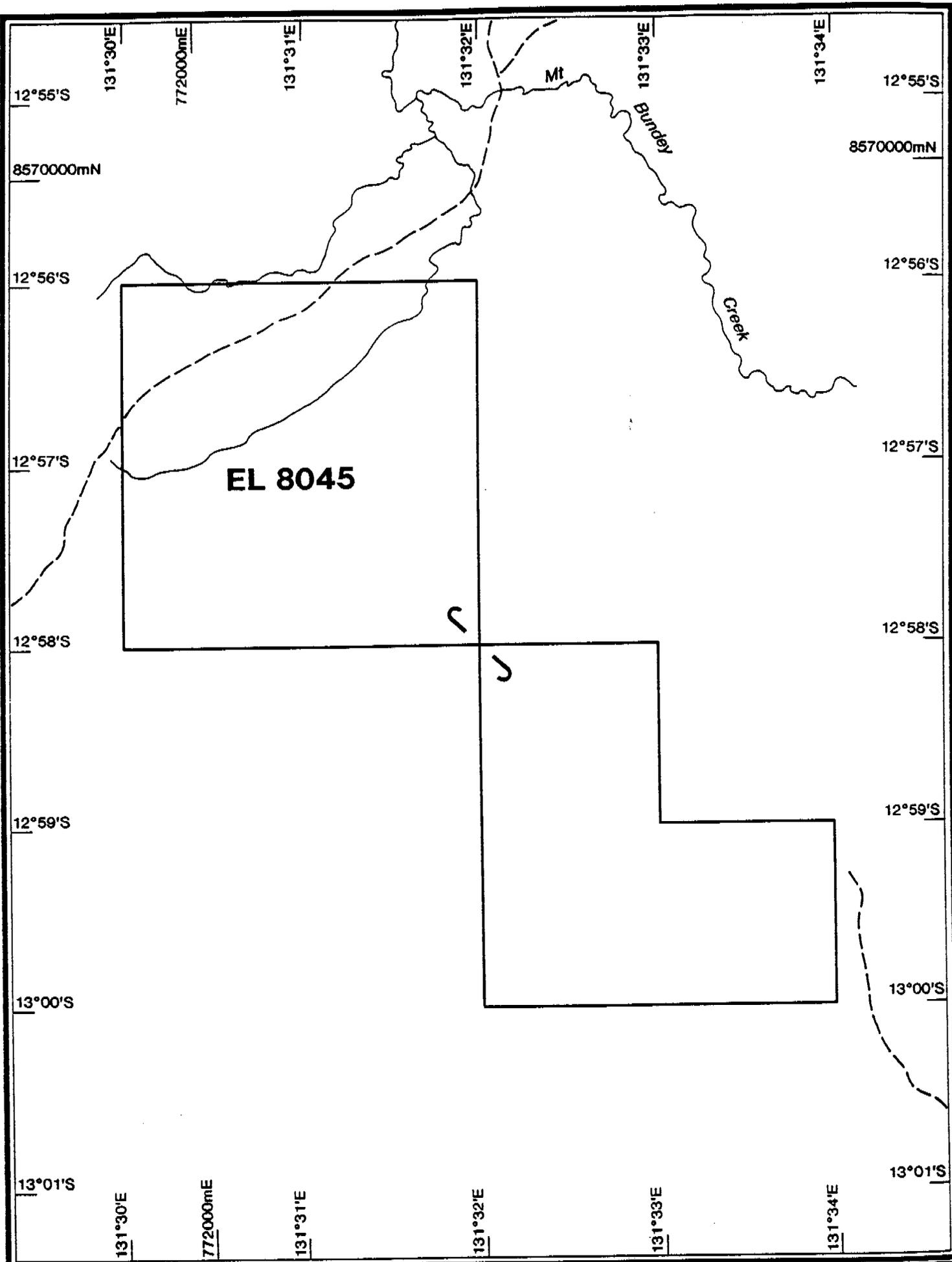


**EL 8045  
Location Plan**



<b>PROJECT RUSTLERS ROOST</b>		STATE <b>N.T.</b>	
ORIGINATOR <b>D.M.</b>	Date <b>Aug 94</b>	DRAWN <b>L.C.</b>	Date <b>Aug 94</b>
SCALE <b>1:1000000</b>		FIGURE NO:	PLAN NO: <b>2W-Ta4</b>

 **Dominion Mining Limited**



**EL 8045  
Tenement Location**

<b>PROJECT RUSTLERS ROOST</b>		STATE	N.T.
ORIGINATOR	D.M.	Date	Aug 94
DRAWN		L.C.	Date
SCALE 1:50000		FIGURE NO.	PLAN NO: <b>2W-Ta7</b>

  
 0 0.5 1 1.5 3  
 kilometres  
 **Dominion Mining Limited**

## 2. LOCATION, TENURE AND ACCESS

EL8045 is located on the Marrakai 1:50000 map sheet. The licence comprises of 7 graticular blocks and lies between latitudes 12°50'S and 13°00'S and longitude 131°30'E and 131°40'E.

The exploration licence was granted to Dominion Gold Operations Pty Ltd on 18 September 1993.

The area is accessed by pastoral tracks leading off the Arnhem Highway near the Mary River, or via the Rustlers Roost gold project.

## 3. GEOLOGY

The geology of the Pine Creek Basin has been well documented by the BMR [Needham, et al (1980)].

The Early Proterozoic sequence was deposited by alternating shallow marine and continental environments in an intracratonic basin setting. Following intrusion by conformable sills, a major period of deformation and regional metamorphism, related to granite intrusion, produced a series of tight, upright folds.

EL8044 covers a massive sequence of folded silty-sandy greywacke and mudstone of the Burrell Creek Formation. The area is characterised by low hills with significant LAG development. More than 50% is covered by alluvium or lateritised alluvium.

## 4. WORK COMPLETED

### 4.1 Gridding

To facilitate geochemical surveys 27.0km of topofil and compass gridding was completed on EL8045.

### 4.2 Geochemistry

A geochemical survey was conducted over EL8045 to test the prospectivity of the area. The size fraction of samples collected was dependent on the regolith encountered at each site. In areas of rolling hills (outcrop) a +2mm -6mm lag sample was collected and in areas of no outcrop a -2mm soil sample was collected.

Statistics:	LAG Samples	:	88
	Soil Samples	:	47

## 4.2 Geochemistry (cont'd)

Soil samples were collected by firstly digging below the level of possible transported material and then sieving in the field to -2mm.

Lag samples are collected by using a wide, heavy duty broom to sweep up surface material which is then sieved in the field to +2mm -6mm.

Between 1-2kg of sample was collected at each site.

All samples were analysed for Au, As, Cu, Pb, Zn, Ni, Fe, Mn. Gold was determined by digestion in aqua regia followed by extraction into organic solvent. This extract was then analysed by graphite furnace AAS. Base metals are determined by AAS on an aqua regia digestion.

Results are shown in Figures 3 -11.

## 4.3 Results

Some low order gold, arsenic, manganese and zinc anomalies have been determined from the survey. It is interesting to note that the latter three elements are coincidental in the southern portion of the EL.

Follow-up VRAB drilling across these areas is recommended prior to further exploration.

## 5.0 CONCLUSIONS/RECOMMENDATIONS

While results for the geochemical survey are generally disappointing some doubt remains as to the validity of the sampling media.

Recommendations for EL8045 for year 2 tenure include:

- Analysis of the regolith
- Bedrock geochemical sampling across anomalies defined to date (grid: 800m X 100m)
- Bedrock geochemical sampling across areas of transported overburden (grid: 1600m X 200m)

Expected expenditure for year 2 of tenure is as follows:

Drilling (500m)	:	5,000.00
Assays (50)	:	600.00
Salaries/Wages	:	1,600.00
Miscellaneous	:	2,000.00
(Field Equipment/Supplies)		
Overheads	:	1,300.00
<b>Total</b>	:	<b>\$ 10,500.00</b>

**6. EXPENDITURE**

The following expenses were incurred while exploring on EL8045:

Assays	3,295.00
Equipment	102.00
Surveying	3,327.00
Geophysical	261.00
Database Acquisitions	235.00
Salaries/Wages	8,553.00
Vehicle Costs	2,809.00
Camp & Field	2,505.00
Drafting/Computing	2,265.00
Overheads (15%)	3,502

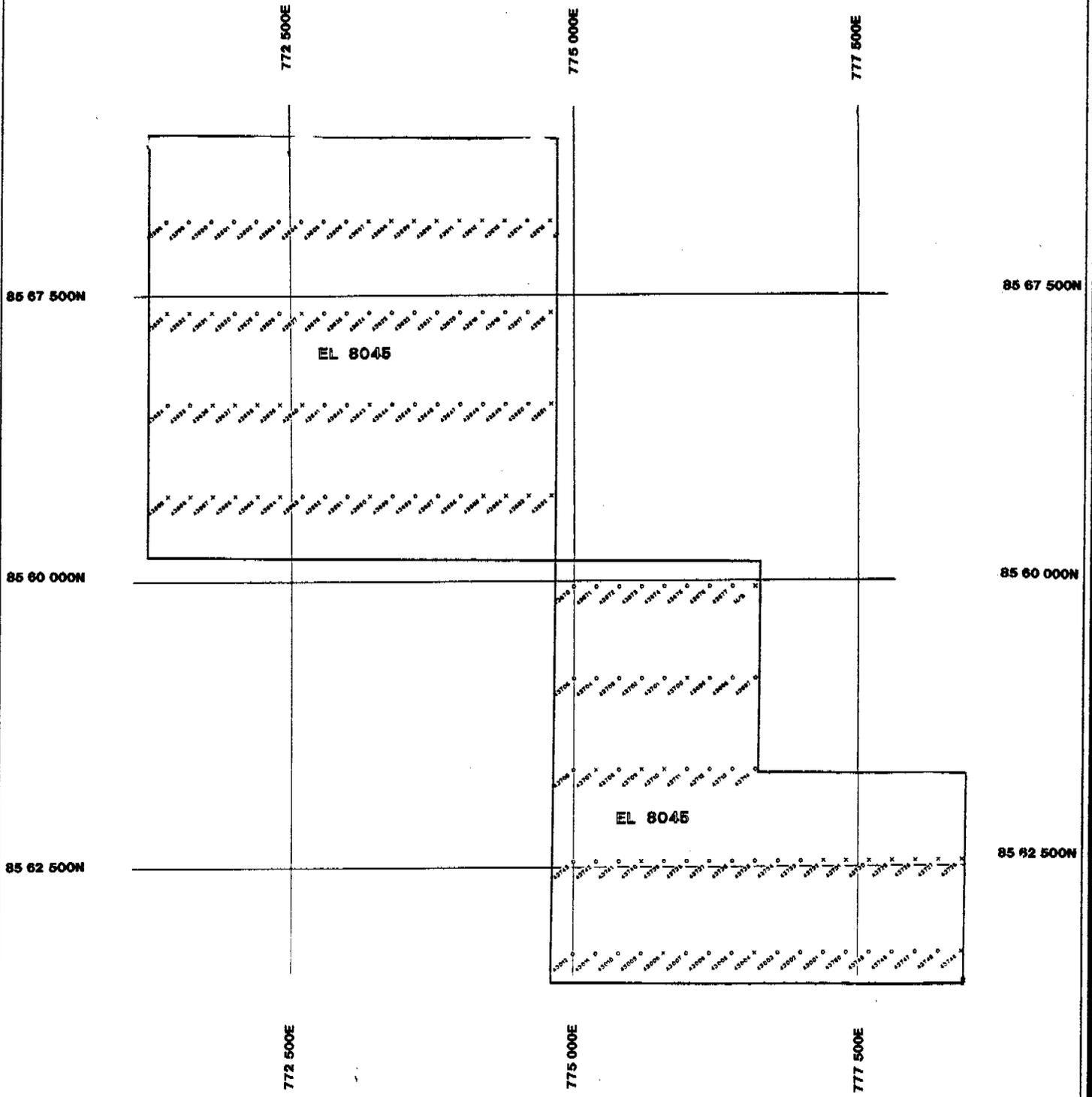
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**\$ 26,854.00**

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**7. REFERENCES**

Needham, R.S., Crick, J.H. and Stuart-Smith, P.B. (1980)  
Regional Geology of Pine Creek Geosyncline Formation. Proceedings  
of the International Uranium Symposium. International Atomic Energy  
Agency, Vienna p1-22"



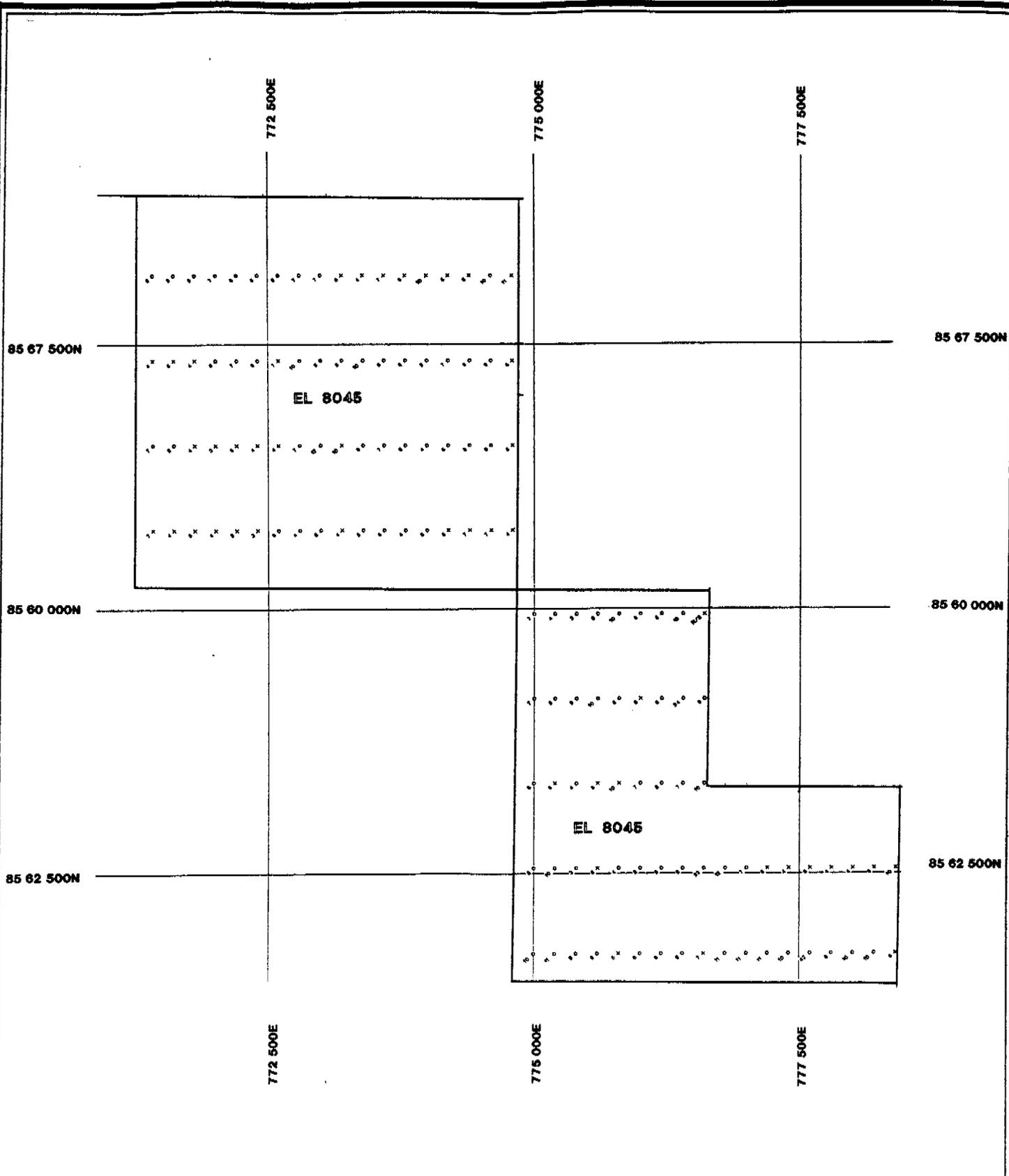
**LEGEND:**

- x: -2mm Soil Sample
- o: +2mm, -6mm LAG Sample



**SOIL & LAG GEOCHEMISTRY  
SAMPLE NUMBERS**

PROJECT		<b>Rustler's Roost</b>		STATE		<b>N.T.</b>	
ORIGINATOR	DM	Date	DRAWN	Date	Aug. 1994		
SCALE	<b>1:50,000</b>		FIGURE NO.	<b>3</b>		PLAN NO:	



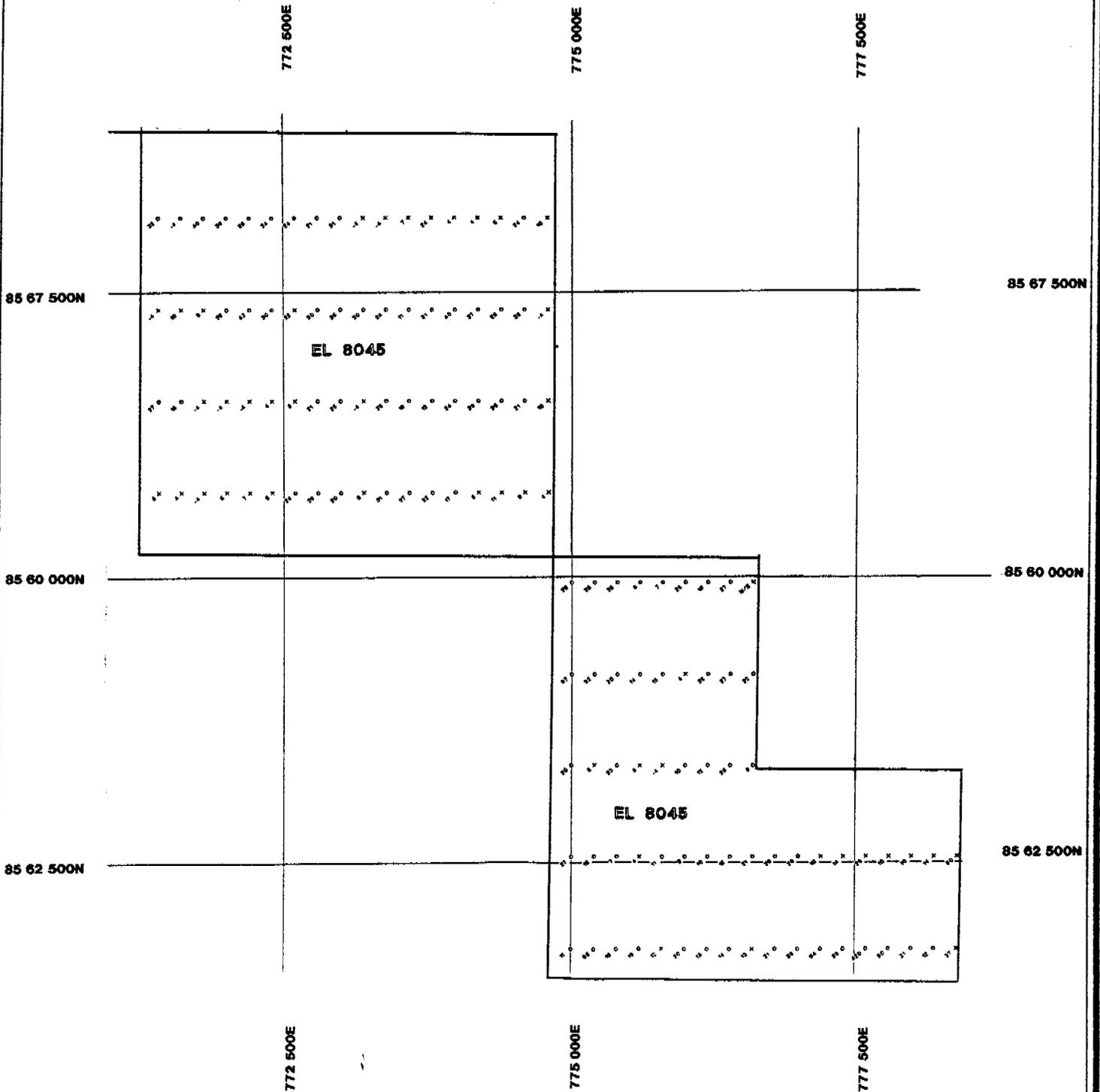
**LEGEND:**

- x -2mm Soil Sample
- o +2mm, -6mm LAG Sample



**SOIL & LAG GEOCHEMISTRY**  
**Cu(ppm)**

PROJECT <b>Rustler's Roost</b>		STATE <b>N.T.</b>
ORIGINATOR <b>DM</b>	Date	DRAWN Date <b>Aug. 1994</b>
SCALE <b>1:50,000</b>	FIGURE NO. <b>4</b>	PLAN NO:



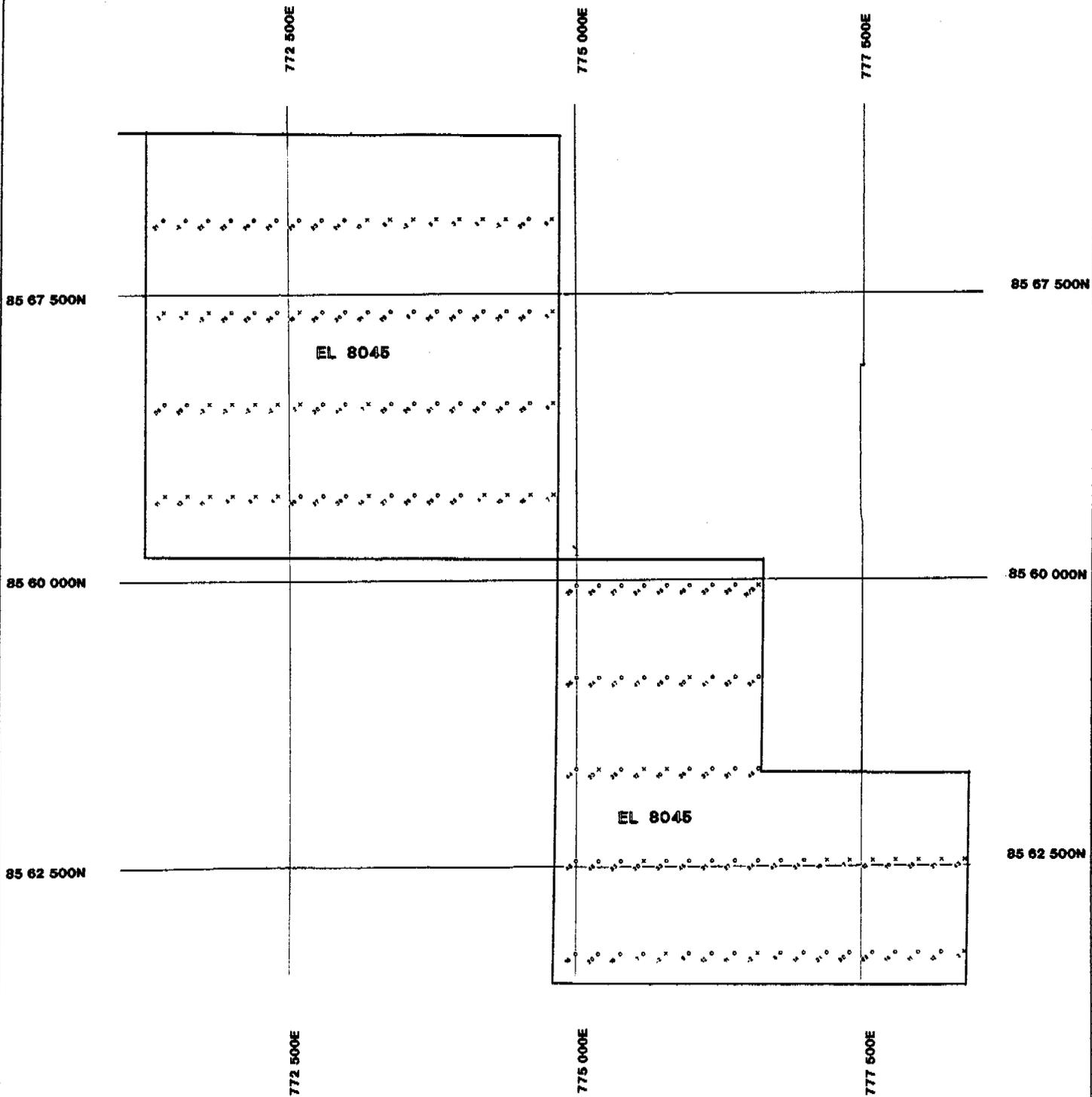
**LEGEND:**

- x: -2mm Soil Sample
- o: +2mm, -6mm LAG Sample



**SOIL & LAG GEOCHEMISTRY**  
**Pb(ppm)**

PROJECT	<b>Rustler's Roost</b>	STATE	<b>N.T.</b>
ORIGINATOR	<b>DM</b>	Date	
		DRAWN	
		Date	<b>Aug. 1994</b>
SCALE	<b>1:50,000</b>	FIGURE NO.	<b>5</b>
		PLAN NO:	



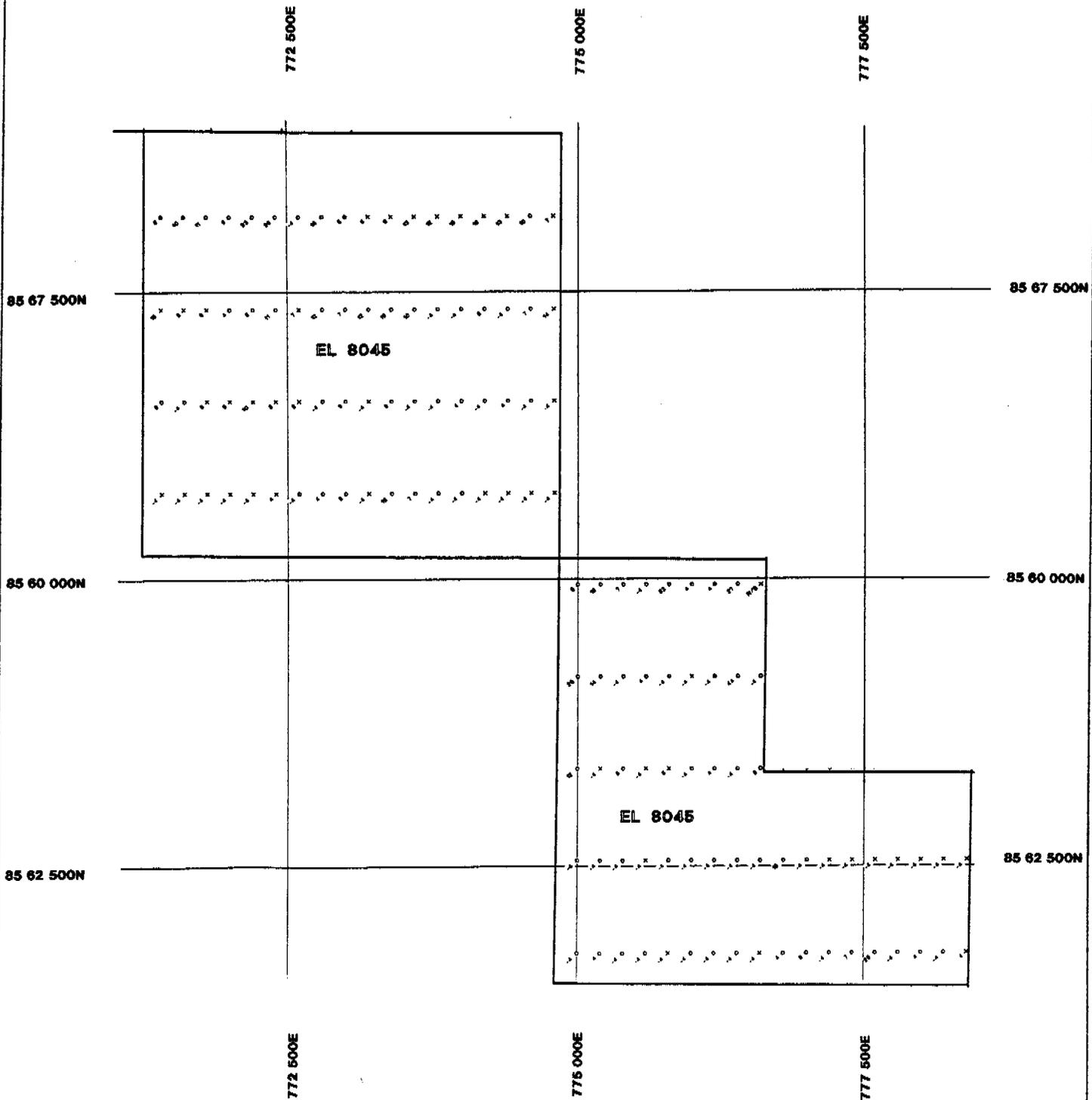
**LEGEND:**

- x -2mm Soil Sample
- o +2mm, -6mm LAG Sample



**SOIL & LAG GEOCHEMISTRY**  
Zn(ppm)

PROJECT		<b>Rustler's Roost</b>	STATE	<b>N.T.</b>
ORIGINATOR	<b>DM</b>	Date	DRAWN	Date <b>Aug. 1994</b>
SCALE	<b>1:50,000</b>	FIGURE NO.	<b>6</b>	PLAN NO:



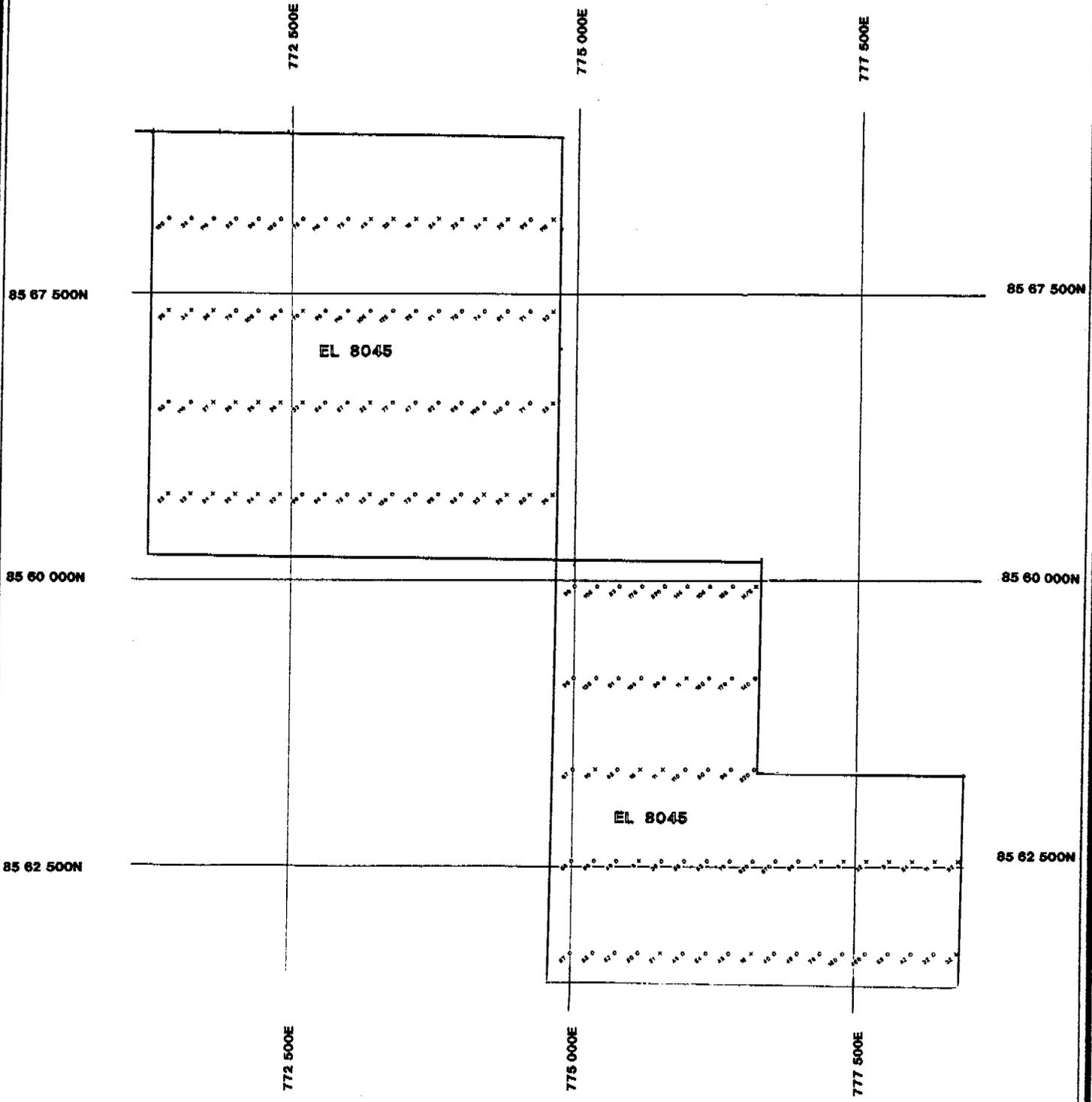
**LEGEND:**

- x -2mm Soil Sample
- o +2mm, -6mm LAG Sample



**SOIL & LAG GEOCHEMISTRY**  
**Ni(ppm)**

<b>PROJECT</b> Rustler's Roost		<b>STATE</b> N.T.	
<b>ORIGINATOR</b> DM	<b>Date</b>	<b>DRAWN</b>	<b>Date</b> Aug. 1994
<b>SCALE</b> 1:50,000		<b>FIGURE NO.</b> 7	
		<b>PLAN NO:</b>	



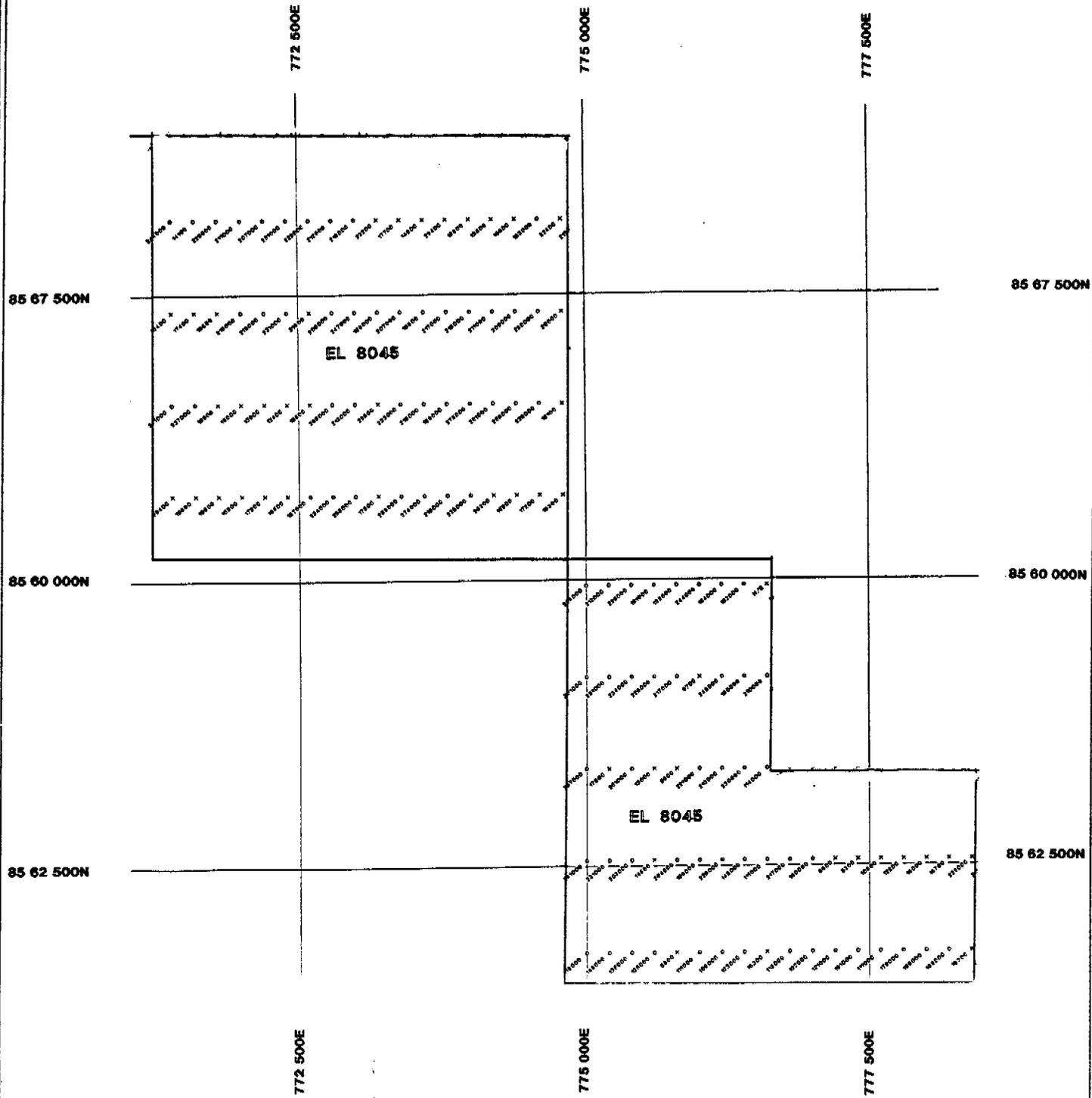
**LEGEND:**

- x: -2mm Soil Sample
- o: +2mm, -6mm LAG Sample



**SOIL & LAG GEOCHEMISTRY**  
Mn(ppm)

PROJECT	<b>Rustler's Roost</b>		STATE	<b>N.T.</b>
ORIGINATOR	<b>DM</b>	Date	DRAWN	Date <b>Aug. 1994</b>
SCALE	<b>1:50,000</b>	FIGURE NO.	<b>8</b>	PLAN NO:



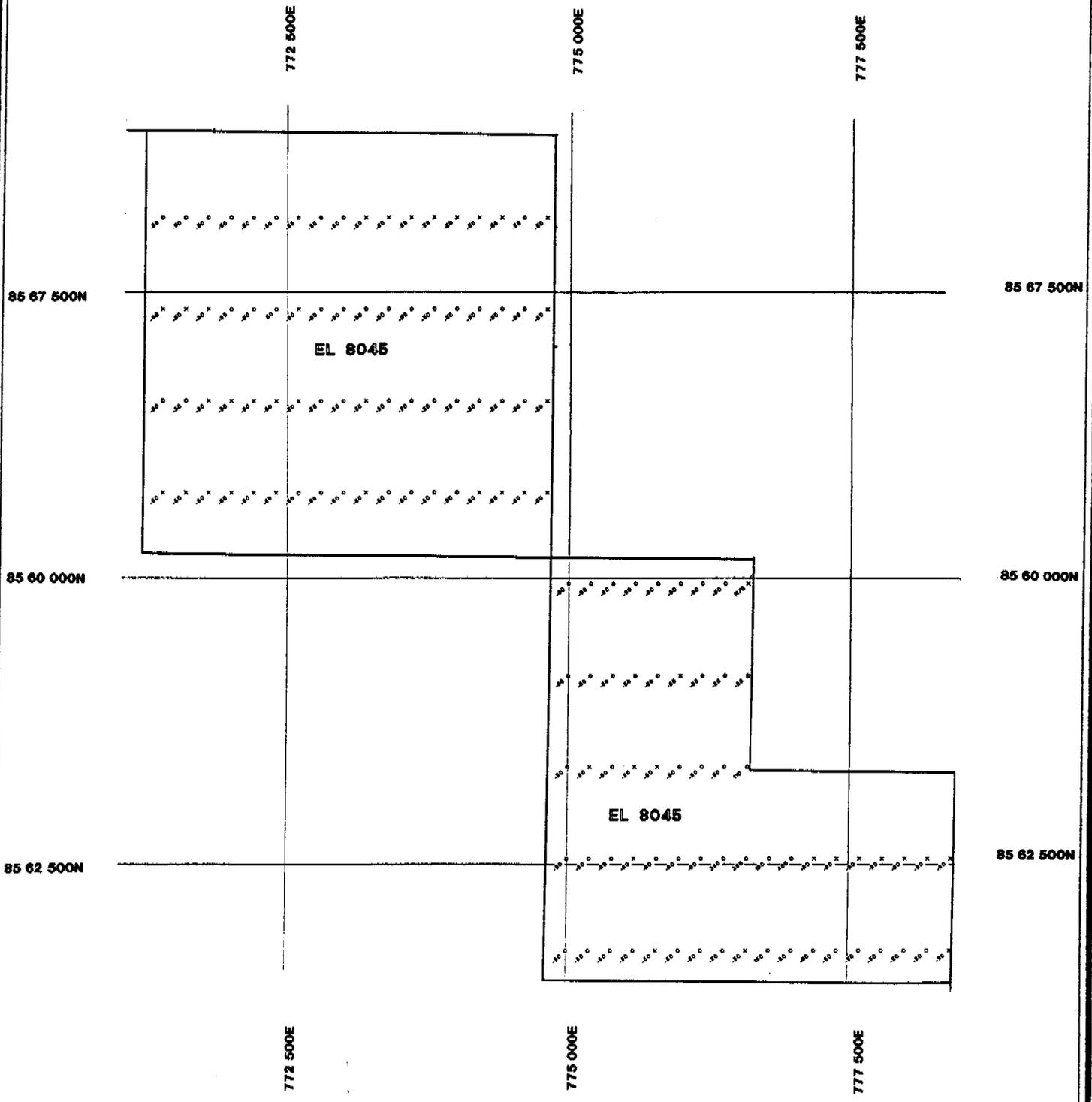
**LEGEND:**

- x: -2mm Soil Sample
- o: +2mm, -6mm LAG Sample



**SOIL & LAG GEOCHEMISTRY**  
**Fe(ppm)**

PROJECT	<b>Rustler's Roost</b>	STATE	<b>N.T.</b>
ORIGINATOR	DM	Date	DRAWN
SCALE	<b>1:50,000</b>	FIGURE NO.	<b>9</b>
		PLAN NO:	
		Date	<b>Aug. 1994</b>



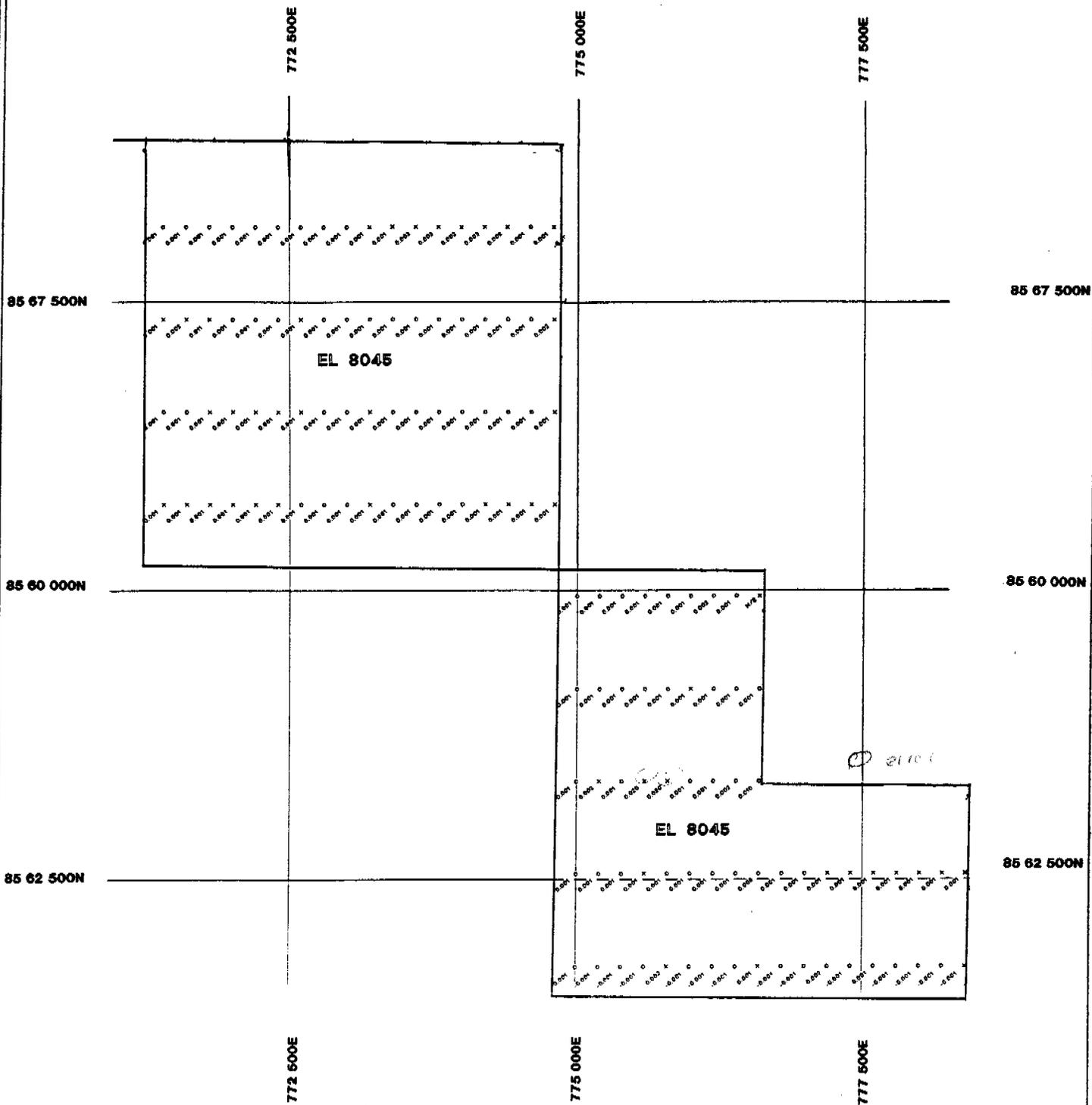
**LEGEND:**

- x: -2mm Soil Sample
- o: +2mm, -6mm LAG Sample



**SOIL & LAG GEOCHEMISTRY**  
As(ppm)

PROJECT	<b>Rustler's Roost</b>	STATE	<b>N.T.</b>
ORIGINATOR	<b>DM</b>	Date	<b>Aug. 1994</b>
SCALE	<b>1:50,000</b>	FIGURE NO.	<b>10</b>
		PLAN NO.	



**LEGEND:**

- x -2mm Soil Sample
- o +2mm, -6mm LAG Sample



**SOIL & LAG GEOCHEMISTRY**  
**Au(ppm)**

PROJECT	<b>Rustler's Roost</b>	STATE	<b>N.T.</b>
ORIGINATOR	<b>DM</b>	Date	
DRAWN		Date	<b>Aug. 1994</b>
SCALE	<b>1:50,000</b>	FIGURE NO.	<b>11</b>
		PLAN NO:	

**APPENDIX 1**  
**SAMPLE LOGS**





# DOMINION MINING LIMITED

## GEOCHEMICAL SAMPLING

Project: Rumours Zone Prospect: 8045 Page      of       
 Sample Type: Soil / Lag Sampler: SP/WP Date: 26.7.03.  
 Laboratory: AMEL Analytical Methods:                     

Co-ordinate/ Location	Description	Sample No. Prefix	Analysis			
8562150N 774000E	On gentle rise to west. No lag.					
	Pl. on l. br. soil	43611				
8562150N 774200E	On flat area. No lag lat 200m.					
	Sl. on br. soil	43612				
8562150N 774000E	On v. gentle east rise. No lag.					
	Sl. br. or. soil.	43613				
8562150N 774600E	Discontinuity Sand + sgr lag lat 100m					
+2m - 6m	RA br. pl. Sand + minor sgr.	43614				
8562150N 774200E	Adj creek. No lag - Baseline					
	Sl. br. soil	43615				
	E.O.L.					
8567350N 774200E	Baseline. on gentle rise to west					
	Sl. on br. soil	43616				
8567350N 774400E	on gentle rise to west. Discontinuity sgr lag					
+2m - 6m	RA br. material nodular sgr + sgr	43617				
8567350N 774400E	Discontinuity Sand lag lat 200m. on rise to west					
+2m - 6m	RA br. on l. Sand.	43618				
8567350N 774200E	Ab. Sand / sgr lag lat 200m. Gentle rise to west.					
+2m - 6m	RA br. nodular pisolites + Sl. br. Sand / sgr	43619				
8567350N 774000E	on crest of broad rise. Ab. Sand / sgr + pisolite lag.					
+2m - 6m	RA br. on l. nodular pisolites + Sand / sgr	43620				
8567350N 774500E	Discontinuity lag lat 200m. Discontinuity to west					
+2m - 6m	RA br. on l. nodular pisolites + sgr Sand / sgr	43621				
8567350N 774000E	On broad flat area. No lag lat 150m.					
	Sl. br. soil.	43622				
8567350N 774400E	On crest of broad rise. Sand + pisolite lag lat 100m					
+2m - 6m	RA br. nodular pisolites + Sl. br. Sand / sgr	43623				
8567350N 774200E	Ab. sgr + Sand lag. v. w. lag lat 200m					
+2m - 6m	95% sgr + Sand + Sl. br. Sand.	43624				

Remarks



# DOMINION MINING LIMITED

## GEOCHEMICAL SAMPLING

Project: River 2001 Prospect: 8065 Page of \_\_\_\_\_  
 Sample Type: Soil / Log Sampler: SP/W5 Date: 25.7.97  
 Laboratory: Amoel Analytical Methods: \_\_\_\_\_

Co-ordinate/ Location	Description	Sample No. Prefix	Analysis			
856550N 723000E	On slope to west. Contains g.b. - sand/sgw log lat. zone					
+2m - 6m	Rd. br. nodules sand/sgw - pisolite lag	43625				
8567250N 722800E	Discontinuity lag (pisolite, sand - sgw) lat zone. Cons. pisolite lag					
+2m - 6m	Pg. position - coarse. with Rd. br. nodules pisolite, sand, sgw	43626				
8567050N 722600E	Flat in west area.					
	Or. pl. soil	43627				
8567050N 722400E	Across broad flat area. on gentle rise to west					
+2m - 6m	Rd. br. nodules pisolite + sand lag	43628				
8567350N 722200E	Discontinuity nodules lag lat zone on gentle rise to west					
+2m - 6m	Rd. br. nodules pisolite + sand lag	43629				
8567350N 722000E	Discontinuity lag lat zone - in gentle rise to west.					
+2m - 6m	Rd. br. nodules pisolite - sand lag	43630				
8567350N 721800E	On gentle rise to west. No lag lat zone					
	Sl. br. or. soil.	43631				
8567350N 721600E	V. m. lag lat zone. On rise to west.					
	Or. gl. br. soil	43632				
8567350N 721400E	V. m. lag lat zone. On rise to west.					
	Sl. or. br. soil	43633				
	F.O.L.					
856650N 721400E	On gently slope to east.					
+2m - 6m	Rd. br. gl. sand - sgw v. m. lag	43634				
856650N 721200E	On slope to east. Contains rd. br. sand + sgw lag lat zone.					
+2m - 6m	Rd. br. sand + sgw lag	43635				
856650N 721000E	On broad flat. lag slope 100m to west.					
	Sl. or. br. soil.	43636				
856650N 720000E	On v. gentle slope to east. No lag lat zone					
	Sl. br. or. soil.	43637				
856650N 722200E	On broad flat area. no lag.					
	Sl. br. or. soil	43638				

Remarks





# DOMINION MINING LIMITED

## GEOCHEMICAL SAMPLING

Project: Renton Road Prospect: 8065 Page of           
 Sample Type: Soil / LAG Sampler: SP/WS Date: 25.7.92  
 Laboratory: AMDEL Analytical Methods:         

Co-ordinate/ Location	Description	Sample No. Prefix	Analysis			
8565750N 774820E	In creek bank area, No lag					
	Sl. br. soil	43652				
8565750N 774610E	On gentle rise to west. No lag					
	Gr. br. soil	43653				
8565750N 774400E	On gentle rise to west. No lag					
	Sl. br. soil	43654				
8565750N 774210E	On gentle rise to west. No lag last zone					
	Sl. br. soil	43655				
8565750N 774000E	On rise to west. Discontinuity lag last zone					
+2m - 6m	RA. br. with nodules fine zone Sgn	43656				
8565750N 773800E	Discontinuity lag last zone on gentle rise to west.					
+2m - 6m	RA. br. with nodules fine zone Sgn	43657				
8565750N 773600E	Discontinuity lag last zone on gentle rise to west					
+2m - 6m	RA. br. with nodules fine zone Sgn	43658				
8565750N 773400E	On gentle rise to west. Lag last zone on gentle rise to west at this pt					
+2m - 6m	RA. br. nodules pisolites + gñ	43659				
8565750N 773200E	On flat crest. No lag last zone					
	Sl. br. soil	43660				
8565750N 773000E	On v. gentle rise to west. Lag last zone					
+2m - 6m	RA. br. nodules pisolites + Sgn zone gñ	43661				
8565750N 772800E	On broad flat crest. Lag last zone					
+2m - 6m	RA. br. gñ nodules pisolites + Sgn zone gñ	43662				
8565750N 772600E	On broad flat v. lag last zone Discontinuity lag					
+2m - 6m	Ab. gñ + Sgn lag	43663				
8565750N 772400E	v. no lag last zone					
	Sl. br. soil	43664				
8565750N 772200E	On broad flat crest. No lag last zone					
	Sl. br. soil	43665				
8565750N 772000E	On broad flat crest. No lag last zone					
	Sl. br. soil	43666				

Remarks





8564950  
809  
8564950

## GEOCHEMICAL SAMPLING

Project: Reaction Road Prospect: \_\_\_\_\_ Page of \_\_\_\_\_  
 Sample Type: Sieve / bag Sampler: SP/WJ Date: 22/7/97  
 Laboratory: ANPEL Analytical Methods: \_\_\_\_\_

Co-ordinate/ Location	Description	Sample No. Prefix	Analysis			
8564950N 775000E	Discontinuity lag 1st 200m - Flat					
+2m - 6m	RA. br. nodular pisolite + m. spar	4361				
8564951N 775200E	Discontinuity pisolitic lag 1st 200m					
+2m - 6m	RA. br. gl. pisolite cloud. m. ag.	4362				
8564951N 775400E	Discontinuity pisolitic lag 1st 200m					
+2m - 6m	RA. br. nodular pisolite - m. spar	43672				
8564950N 775600E	Discontinuity lag 1st 200m					
+2m - 6m	RA. br. sand + m. spar	43673				
8564950N 775800E	On gentle rise. 4/c sand + ab. lag					
+2m - 6m	RA. br. sand + v. m. ag.	43674				
8564951N 776000E	Continuity sand lag 1st 200m					
+2m - 6m	RA. br. sand + m. spar	43625				
8564950N 776200E	Sandy nodules. 4/c + lag m. spar					
+2m - 6m	RA. gl. br. sand + m. ag.	43676				
8564950N 776400E	Sandy nodules. Discontinuity lag 1st 200m					
		8045				

Baseline  
dd not  
200 to east

→

→

→

+

Q.A.  
5/c  
2/c

→

→

\*



# DOMINION MINING LIMITED

2850  
 2850  
 4850  
 800  
 2350

## GEOCHEMICAL SAMPLING

Project: Rustler Reef Prospect: 8065 Page      of       
 Sample Type: Soil / clay Sampler: SP/wc Date: 27.3.93  
 Laboratory: ANDEL Analytical Methods:                     

Co-ordinate/ Location	Description	Sample No. Prefix	Analysis			
8564150W 776200E	On rise to east. No log last 20m					
+2m - 6m	RA. br. sand + nr. sp. + nr. g. lg.	43692				
8564157W 776400E	Just off crest of rise. Ab. sand / sp. s/c clay					
+2m - 6m		43692				
8564150W 776200E	Across broad flat on rise to east. No log last 20m.					
+2m - 6m	RA. br. sand + nr. sp. + nr. g. lg.	4369A				
8564150W 776000E	On rise in glaucous. No log last 100m.					
	S.l. br. soil.	43700				
8564150W 775800E	On undulating crest. Ab. log last 100m.					
+2m - 6m	RA. br. sand + nr. sp. + nr. g. lg.	43701				
8564150W 775600E	Gently undulating on crest					
+2m - 6m	RA. br. sand + nr. sp. + nr. g. lg.	43702				
8564150W 775400E	Gently undulating on crest. Ab. log last 20m					
+2m - 6m	RA. br. s.l. sp. + sand + nr. g. lg.	43703				
8564150W 775200E	On broad crest. Contains log last 20m					
+2m - 6m	RA. br. nodular pebbles + sand + nr. g. lg.	43704				
8564150W 775000E	On gentle slope to east.					
+2m - 6m	RA. br. sand + nr. nodular pebbles	43705				
	E.O.L.					
8563350W 775000E	On broad flat ab. sand + nr. sp. log last 20m					
+2m - 6m	RA. br. s.l. sand + nr. sp. + nr. g. lg.	43706				
8563350W 775200E	On slope to east. No log last 100m					
	S.l. br. soil	43707				
8563350W 775400E	Discontin. log last 20m on slope to east					
+2m - 6m	RA. br. sand / sp. + nr. g. lg.	43708				
8563350W 775600E	Across broad flat. No log last 20m					
	S.l. br. soil	43709				
8563350W 775800E	On broad flat no log last 20m.					
	S.l. br. soil	43710				

Remarks





# DOMINION MINING LIMITED

## GEOCHEMICAL SAMPLING

Project: Rutherford Prospect Prospect: \_\_\_\_\_ Page of \_\_\_\_\_

Sample Type: Sp. / Lag Sampler: SP/W.S Date: 27.7.93

Laboratory: AMDEL Analytical Methods: \_\_\_\_\_

Co-ordinate/ Location	Description	Sample No. Prefix	Analysis			
856050W 736000E	on gentle east side. Ab. lag lat 100m					
+2m - 6m	Rd. br. sl. Sand + some grey clay	42711				
856050W 736200E	on gentle slope to east. Lag lat 200m					
+2m - 6m	Rd. br. Sand with grey clay	43712				
856050W 736400E	on gentle slope to east. On western lag lat 300m					
+2m - 6m	bl. br. rd. Sand + grey clay	43213				
856050W 736600E	on edge of flat. Sandstone lag lat 200m					
+2m - 6m	Rd. br. Sand / Sandstone - grey	43214				

8045



# DOMINION MINING LIMITED

## GEOCHEMICAL SAMPLING

Project: Rantha River

Prospect: \_\_\_\_\_

Page of

Sample Type: Soil/Leg

Sampler: Sp/wc

Date: 27.7.93

Laboratory: Amoel

Analytical Methods: \_\_\_\_\_

Co-ordinate/ Location	Description	Sample No. Prefix	Analysis			
8562550N 778400E	on path near to west Ab leg last zone	8045				
+2m - 6m	RA br w/ly fine sand + some gty	43726				
8562550N 778200E	on bank flat. No leg last zone.					
	Sl. br. or soil.	43727.				
8562550N 778000E	On bank flat. No leg last zone					
	Sl. br. or soil	43728.				
8562550N 777800E	on bank flat. No leg last zone					
	Sl. br. or soil	43729.				
8562550N 777600E	on bank flat. No leg last zone					
	Sl. br. or soil	43730.				
8562550N 777400E	On bank flat. No leg last zone					
	Sl. br. or soil.	43731.				
8562550N 777200E	on path near to west. No leg last zone					
	Sl. br. or soil.	43732.				
8562550N 777000E	on path near to west. Leg last zone.					
+2m - 6m	RA br w/ly fine sand + some gty	43733				
8562550N 776800E	On path near to west. No leg last zone					
+2m - 6m	RA br. Sand / fine + some gty	43734				
8562550N 776600E	On west of tall hill. Ab leg last zone					
+2m - 6m	Sand leg + some fine sand + gty	43735.				
8562550N 776400E	On bank flat area. Leg last zone					
+2m - 6m	RA br. Sand + some fine sand + gty	43736.				
8562550N 776200E	Last zone no leg on west edge of leg					
+2m - 6m	RA br. Sand / fine + some gty.	43737				
8562550N 776000E	on east of hill. Ab. leg last zone					
+2m - 6m	RA br. Sand + some fine sand + gty	43738.				
8562550N 775800E	On west edge of leg.					
+2m - 6m	RA br. Sand, some fine sand + gty	43739.				

Remarks





# DOMINION MINING LIMITED

## GEOCHEMICAL SAMPLING

Project: Runtles Frost Prospect: 8045 Page      of       
 Sample Type: Soil/Loc Sampler: SP/wS Date: 22.7.93  
 Laboratory: AMEL Analytical Methods:                     

Co-ordinate/ Location	Description	Sample No. Prefix	Analysis			
856250N 775600E	N. loc. lat 200m on flat					
	1/2 hr. soil	43740				
856250N 775400E	10m into west					
+2m - 6m	1/2 hr. soil + spec + sand (ferric) on gft	43741				
856250N 775200E	On crest of hill. Ab. lag lat 200m					
+2m - 6m	RA. loc. of Sand + spec lag + on gft	43742				
856250N 775000E	on slope to west. Ab. lag lat 200m					
+2m - 6m	RA. loc. Sand + spec lag on gft	43743				
	L.O.L.					
8561750N 772600E	On gentle rise to west. N. loc					
	1/2 hr. soil	43744				
8561750N 772400E	On gentle rise to west. N. loc.					
	1/2 hr. soil	43745				
8561750N 772200E	On gentle rise to west. Lag lat 100m					
+2m - 6m	1/2 hr. soil with ferric spec	43746				
8561750N 772000E	On broad crest. Ab. lag lat 200m					
+2m - 6m	RA. loc. Sand + spec + on gft lag	43747				
8561750N 772800E	On gentle rise to west. Discontin. lag lat 200m					
+2m - 6m	RA. loc. Sand + spec + on gft lag	43748				
8561250N 772600E	On rise to west. Ab. lag lat 200m					
+2m - 6m	RA. loc. white ferric Sand + spec + on gft	43749				
8561750N 772400E	On broad crest. Ab. lag lat 200m					
+2m - 6m	RA. loc. ferric Sand + spec + on gft lag	43750				
8561750N 772200E	Discontin. lag lat 200m on rise to west					
+2m - 6m	RA. loc. Sand + spec + on gft	43801				
8561750N 772000E	Discontin. lag lat 200m on broad crest					
+2m - 6m	RA. loc. ferric Sand + spec + on gft	43802				
8561750N 771800E	On rise to west. Ab. spec + sand lag					
+2m - 6m	RA. loc. Sand + spec lag on gft	43803				

Remarks 6/2/93  
 801



**APPENDIX 2**

**ASSAYS**

Final

## ANALYTICAL REPORT

8045

SAMPLE	As	Cu	Pb	Zn	Ni	Fe	Mn
43598	<50	6	32	21	6	24.4%	130
43599	<50	3	<4	<2	10	1.41%	38
43600	<50	8	40	22	11	22.6%	110
43601	<50	7	36	22	9	21.1%	83
43602	<50	6	26	20	33	20.7%	98
43603	<50	5	34	25	26	25.1%	130
43604	<50	8	24	25	<4	22.2%	76
43605	<50	7	21	23	16	21.2%	115
43606	<50	7	31	24	5	21.8%	75
43607	<50	5	<4	17	5	2.22%	48
43608	<50	4	<4	8	9	1.77%	25
43609	<50	7	7	<2	13	1.46%	19
43610	<50	8	24	5	12	2.94%	34
43611	<50	10	4	3	15	1.58%	23
43612	<50	6	4	2	12	1.36%	24
43613	<50	6	6	<2	13	1.96%	28
43614	<50	10	24	39	10	15.3%	89
43615	<50	11	10	9	7	2.24%	115
43616	<50	6	<4	2	14	2.00%	23
43617	<50	9	35	25	7	22.0%	71
43618	<50	8	29	29	<4	20.9%	61
43619	<50	7	37	28	6	21.1%	74
43620	<50	5	40	25	<4	21.5%	70
43621	<50	6	31	26	<4	21.7%	91
43622	<50	6	11	5	10	1.58%	26
43623	<50	10	24	29	19	20.7%	125
43624	<50	8	20	31	12	18.8%	105
43625	<50	8	35	30	7	24.7%	110
43626	<50	10	30	28	12	20.6%	96
43627	<50	7	22	18	7	3.18%	70
43628	50	8	30	26	11	23.1%	96
43629	<50	7	42	25	5	21.8%	105
43630	<50	8	29	25	4	21.5%	78
43631	<50	4	9	<2	8	1.66%	26
43632	<50	5	10	3	8	1.74%	34
43633	<50	4	<4	2	15	1.34%	25
43634	<50	7	27	36	9	24.1%	63
43635	<50	8	16	29	<4	23.7%	110
43636	<50	4	<4	<2	8	1.65%	27
43637	<50	3	<4	<2	9	1.50%	28
43638	<50	5	<4	<2	10	1.39%	26
43639	<50	4	4	<2	8	1.24%	29
UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm
DET. LIM	50	2	4	2	4	5	4
SCHEME	AAS2	AAS2	AAS2	AAS2	AAS2	AAS2	AAS2



Final

ANALYTICAL REPORT

SAMPLE	As	Cu	Pb	Zn	Ni	Fe	Mn
43640	<50	4	5	2	8	1.65%	33
43641	<50	7	21	30	<4	26.8%	84
43642	<50	12	25	44	9	21.3%	57
43643	<50	10	<4	7	<4	2.28%	22
43644	<50	9	36	25	9	23.3%	77
43645	<50	7	19	26	<4	21.8%	47
43646	<50	5	12	31	<4	18.8%	52
43647	<50	4	24	27	4	27.5%	86
43648	<50	6	39	26	<4	26.1%	105
43649	<50	8	39	25	4	25.6%	140
43650	<50	6	21	26	<4	22.6%	71
43651	<50	5	10	9	<4	1.61%	23
43652	<50	4	4	7	<4	1.53%	26
43653	<50	7	9	16	<4	1.72%	80
43654	<50	7	11	13	<4	1.59%	22
43655	<50	8	5	4	<4	2.62%	23
43656	<50	5	17	25	<4	22.5%	85
43657	<50	4	22	29	<4	21.8%	56
43658	<50	6	27	28	7	27.4%	73
43659	<50	5	31	27	16	28.8%	130
43660	<50	4	6	14	<4	1.75%	23
43661	<50	6	20	30	9	25.5%	75
43662	<50	4	29	27	4	23.4%	95
43663	<50	8	24	25	<4	18.7%	99
43664	<50	3	9	4	4	1.86%	23
43665	<50	3	7	5	<4	1.78%	24
43666	<50	4	6	5	<4	1.59%	22
43667	<50	5	<4	11	<4	1.99%	24
8015 43668	<50	4	4	12	<4	1.96%	23
43669	<50	7	5	11	<4	2.94%	23
43670	<50	7	29	26	8	25.4%	99
43671	<50	4	26	28	19	21.2%	105
43672	<50	3	25	27	7	22.6%	83
43673	<50	9	8	34	<4	16.1%	170
43674	<50	10	7	45	32	13.5%	520
43675	<50	8	25	46	4	24.4%	145
43676	<50	8	15	33	4	15.4%	105
43677	<50	13	27	38	27	16.2%	195

UNITS	ppm						
DET. LIM	50	2	4	2	4	5	4
SCHEME	AAS2						

Final

ANALYTICAL REPORT

SAMPLE	As	Cu	Pb	Zn	Ni	Fe	Mn
43697	<50	9	22	34	<4	21.0%	140
43698	<50	34	27	52	44	15.0%	1170
43699	<50	8	32	41	<4	24.8%	150
43700	<50	6	5	20	<4	9700	11
43701	<50	8	15	49	<4	21.7%	66
43702	<50	10	14	47	4	22.5%	155
43703	<50	9	20	47	<4	23.4%	61
43704	<50	8	32	34	14	28.1%	135
43705	<50	7	37	35	28	30.1%	99
43706	<50	6	20	44	12	26.7%	67
43707	<50	5	5	23	<4	1.78%	10
43708	<50	4	23	38	5	26.1%	88
43709	<50	5	5	12	<4	1.30%	18
43710	<50	10	<4	10	5	9600	11
43711	<50	7	10	36	<4	22.1%	110
43712	<50	8	12	32	4	21.3%	50
43713	<50	7	28	31	<4	23.0%	95
43714	110	10	9	45	9	11.4%	220
43726	<50	10	50	43	<4	22.5%	92
43727	<50	6	14	21	<4	1.57%	11
43728	<50	4	10	28	<4	1.50%	54
43729	<50	4	10	10	<4	1.22%	8
43730	<50	5	28	12	<4	1.08%	22
43731	<50	4	14	7	<4	8200	8
43732	<50	5	10	19	<4	6600	7
43733	400	7	20	34	<4	16.0%	96
43734	130	12	20	42	15	21.7%	670
43735	350	22	21	34	<4	11.1%	620
43736	340	6	12	27	<4	14.8%	79
43737	<50	5	10	31	<4	22.6%	53
43738	<50	8	9	45	<4	19.6%	59
43739	<50	4	11	33	<4	20.4%	39
43740	<50	5	4	20	<4	1.45%	8
43741	<50	3	7	33	<4	20.2%	40
43742	<50	10	19	45	<4	23.1%	98
43743	<50	5	27	48	<4	24.1%	56
UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm
DET. LIM	50	2	4	2	4	5	4
SCHEME	AAS2	AAS2	AAS2	AAS2	AAS2	AAS2	AAS2



Final

ANALYTICAL REPORT

SAMPLE	Au	AuDpl
43745	<0.001	--
43746	<0.001	--
43747	<0.001	--
43748	<0.001	--
43749	0.001	--
43750	<0.001	--
43598	<0.001	--
43599	<0.001	--
43600	<0.001	0.001
43601	0.001	<0.001
43602	<0.001	--
43603	<0.001	--
43604	<0.001	--
43605	<0.001	<0.001
43606	<0.001	--
43607	<0.001	--
43608	0.001	--
43609	0.002	--
43610	0.002	--
43611	0.002	--
43612	0.003	--
43613	0.002	--
43614	0.001	--
43615	<0.001	<0.001
43616	0.002	0.002
43617	<0.001	--
43618	<0.001	--
43619	<0.001	--
43620	<0.001	--
43621	0.001	--
43622	<0.001	--
43623	<0.001	--
43624	<0.001	--
43625	0.001	--
43626	<0.001	--
43627	<0.001	--
43628	<0.001	--
43629	<0.001	<0.001
43630	<0.001	--
43631	0.011	--
43632	0.002	--
43633	<0.001	--
43634	<0.001	--
43635	<0.001	--
43636	0.001	--
43637	<0.001	--
43638	0.001	--
43639	<0.001	--

UNITS            ppm        ppm  
DET. LIM        0.001    0.001  
SCHEME         AAS9     AAS9



Final

ANALYTICAL REPORT

SAMPLE	Au	AuDpl
43640	0.001	0.001
43641	<0.001	--
43642	<0.001	--
43643	<0.001	--
43644	<0.001	<0.001
43645	<0.001	--
43646	<0.001	--
43647	<0.001	--
43648	<0.001	--
43649	<0.001	--
43650	<0.001	--
43651	<0.001	--
43652	<0.001	--
43653	<0.001	--
43654	<0.001	<0.001
43655	0.001	--
43656	0.001	--
43657	<0.001	--
43658	<0.001	--
43659	<0.001	--
43660	<0.001	<0.001
43661	<0.001	--
43662	<0.001	--
43663	<0.001	--
43664	<0.001	--
43665	<0.001	--
43666	<0.001	--
43667	<0.001	--
43668	<0.001	--
43669	0.001	--
43670	<0.001	--
43671	<0.001	--
43672	<0.001	--
43673	<0.001	--
43674	<0.001	--
43675	<0.001	--
43676	0.002	0.002
43677	<0.001	0.001
43001	0.002	--
43002	<0.001	--
43003	<0.001	--
43004	0.001	0.001
43005	<0.001	--
43006	<0.001	--
43007	<0.001	--
43008	0.003	--
43009	<0.001	--
43010	<0.001	--
43011	<0.001	<0.001
43012	<0.001	--

8045

UNITS            ppm            ppm  
DET.LIM        0.001        0.001  
SCHEME        AAS9        AAS9

Final

ANALYTICAL REPORT

SAMPLE	Au	AuDp1
43697	0.001	--
43698	<0.001	--
43699	0.001	--
43700	0.001	--
8045 43701	<0.001	--
43702	<0.001	--
43703	<0.001	--
43704	<0.001	--
43705	<0.001	--
43706	<0.001	--
43707	0.002	--
43708	0.001	--
43709	0.002	<0.001
43710	0.002	<0.001
43711	0.001	--
5045 43712	0.001	--
43713	0.002	--
43714	0.001	<0.001

43726	<0.001	--
43727	<0.001	<0.001
43728	0.001	--
43729	<0.001	<0.001
43730	0.001	--
9045 43731	0.001	--
43732	0.001	--
43733	<0.001	--
43734	<0.001	--
43735	0.005	0.002
43736	<0.001	--
43737	<0.001	--
43738	<0.001	--
43739	<0.001	--
43740	<0.001	--
43741	<0.001	--
43742	<0.001	--
43743	<0.001	--

UNITS	ppm	ppm
DET.LIM	0.001	0.001
SCHEME	AAS9	AAS9

Final

ANALYTICAL REPORT

SAMPLE	Cu	Pb	Zn	As	Fe	Mn	Ni
43001	11	94	31	<50	12.1%	78	<4
43002	11	36	14	<50	12.2%	49	6
43003	11	21	8	150	11.5%	40	4
43004	7	13	<2	<50	1.53%	15	<4
43005	9	14	11	<50	12.3%	48	<4
43006	8	18	12	<50	10.6%	54	<4
43007	6	20	9	<50	11.1%	45	<4
43008	5	12	<2	<50	8800	21	<4
43009	8	19	7	<50	12.5%	50	<4
43010	9	19	15	<50	13.8%	52	<4
43011	11	68	20	<50	14.5%	53	4
43012	10	11	15	<50	11.8%	67	<4

3045

3045

43745	8	27	2	<50	1.83%	32	4
43746	10	12	12	<50	18.8%	32	<4
43747	10	21	11	<50	16.9%	42	4
43748	8	80	14	<50	17.9%	55	<4
43749	42	420	65	<50	11.1%	460	29
43750	10	38	30	<50	16.1%	150	7

UNITS	ppm						
DET. LIM	2	4	2	50	5	4	4
SCHEME	AAS2						