

CREIGHTON CREEK CLAIMS

SOIL GRID GEOCHEMISTRY

Vernon Mining Division

N.T.S. 82 L/2

Latitude 50°12' Longitude 118°45'

By

S.L. Ridley

of

MineQuest Exploration Associates Limited

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**11,718**

Claim Name	Record No.	Claim Name	Record No.
Echo I	1334	Moss I	1522
Echo II	1335	Moss II	1523
Echo III	1351	Moss III	1524
Echo IV	1352	Moss IV	1525
Hump I	1353	Moss V	1526
Hump II	1354	Moss VI	1527
Hump III	1355	Moss VII	1623
Hump IV	1356	Moss VIII	1624
Hump V	1357	Bonneau I	1349
		Bonneau II	1350

January, 1984

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1.0

INTRODUCTION

The Creighton Creek claims were staked on the basis of gold associated with anomalous quantities of arsenic in heavy mineral samples taken from stream sediments. A detailed silt sampling and prospecting program is the subject of a separate assessment report.<sup>1</sup> Work described in this report consists of grid soil sampling directed toward discovering the source of significant gold values present in heavy mineral concentrates and silt samples.

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1. Assessment Report, November 1983:  
Creighton Creek Claims, Geochemistry  
and Prospecting, Vernon Mining Division;  
S.L. Ridley, MineQuest Exploration  
Associates Limited.

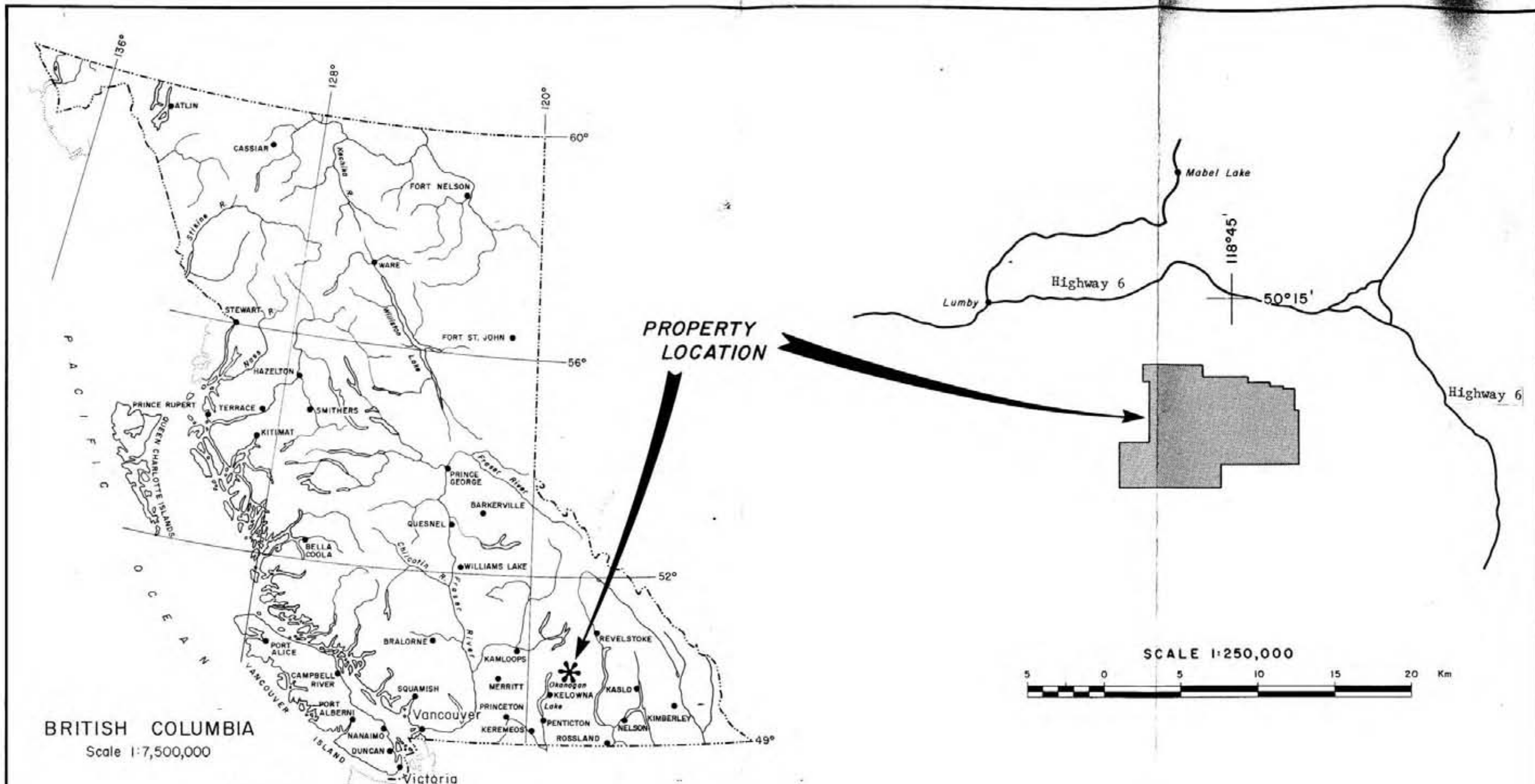
2.0

LOCATION, ACCESS AND TOPOGRAPHY

The Creighton Creek claims lie in south central British Columbia, 37.5 km east-southeast of Vernon and 16.5 km southeast of Lumby along the southern slope of the east-west trending Creighton Valley in the Okanagan Highlands (Figure 1).

Access to the property is by the Creighton Valley road which leaves Highway 6 one kilometre east of Lumby, and by logging roads along Harris Creek, Vidler Creek, Mosquito Creek and the southern limb of Creighton Creek. Travel on the claims is by foot.

Topography is generally rolling with steep banks into the Creighton Valley. Relief is 800 m with the highest elevations at 1800 m. Vegetation, heaviest on north facing slopes, consists of fir and pine forests with moderate to thick undergrowth. The southern end of the claim block is flat and swampy.



BRITISH COLUMBIA  
Scale 1:7,500,000

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**11,718**



GOLDQUEST I PARTNERSHIP			
CREIGHTON CREEK CLAIMS			
<b>LOCATION MAP</b>			
PLAN NO. 505	DRAWN	DATE OCT. 1983	FIGURE 1
Revised _____		N.T.S. 82L/2	
MINEQUEST EXPLORATION ASSOCIATES LTD.			

## 3.0

OWNERSHIP AND CLAIM STATUS

The claims listed in Table I are held by MineQuest Exploration Associates Limited on behalf of GoldQuest I, a General Limited Partnership.

Table I  
Claim Status

<u>Claim Name</u>	<u>Record Number</u>	<u>No. of Units</u>	<u>Due Date Before Submission of this Report</u>
Echo I	1334	20	November 15, 1984
Echo II	1335	20	November 15, 1984
Echo III	1351	18	December 21, 1983
Echo IV	1352	16	December 21, 1983
Hump I	1353	20	December 21, 1984
Hump II	1354	20	December 21, 1984
Hump III	1355	20	December 21, 1983
Hump IV	1356	20	December 21, 1984
Hump V	1357	16	December 21, 1984
Moss I	1522	16	June 9, 1985
Moss II	1523	8	June 9, 1985
Moss III	1524	8	June 9, 1984
Moss IV	1525	16	June 9, 1984
Moss V	1526	18	June 9, 1984
Moss VI	1527	18	June 9, 1984
Moss VII	1623	8	October 31, 1984
Moss VIII	1624	8	October 31, 1984
Bonneau I	1349	15	December 21, 1983
Bonneau II	1350	15	December 21, 1983



## 4.0

HISTORY AND PREVIOUS WORK

No metal occurrences have been reported on the Creighton Creek claims but the western portion was explored and drilled for uranium in 1977-78 by E and B Explorations Limited.<sup>1</sup> The Chaput Mine<sup>2</sup>, located 18 km northwest of the claims, produced lead, zinc, gold, silver and copper from quartz veins in Cache Creek Group metasediments. A few gold, silver and lead properties were reported<sup>3</sup> near Harris Creek to the west and Monashee Creek to the east of the Creighton Creek claims. Mineralization was associated with quartz veining in all occurrences reported. Placer gold was found in Harris Creek<sup>4</sup> and Cherry Creek<sup>5</sup>.

During the 1983 field season silt sampling and prospecting were carried out by MineQuest Exploration Associates Ltd. on the Creighton Creek Claim block. Results from this work, reported in a previous assessment report,<sup>6</sup> warranted follow-up grid soil sampling.

- 
1. Assessment Reports 6595, 6596, 7075 and 7178
  2. Mindep File No. 82LSE 006
  3. Mindep File No's 82LSE 003, 025 034, and 035
  4. Assessment Report 7178
  5. Mindep File No. 82LSE 013
  6. Assessment Report, November 1983: Creighton Creek Claims, Geochemistry and Prospecting, Vernon Mining Division; S.L. Ridley, MineQuest Exploration Associates Limited.

## 5.0 WORK CARRIED OUT IN 1983

### 5.1 Grid Soil Sampling

In 1983, a total of 5,670 samples were collected from five grids on the Creighton Creek property. Samples were taken at 10m intervals along a total of 57.3 kilometres. Compositing these samples (see 5.2) resulted in 1,134 composite samples which were analysed for gold, lead, silver, antimony and arsenic. Sampling was contracted out to Alionis and Lohman Geological Services of Vancouver, British Columbia. The program was under the direction of R.V. Longe of MineQuest Exploration Associates Ltd.

### 5.2 Laboratory Methods

Composite samples are made from the -80 mesh fraction of 10 samples. The composites overlap each other by five samples. Lead and silver are determined by an aqua regia digestion, followed by an atomic absorption determination. Arsenic is analysed through a perchloric-nitric digestion followed by a colourimetric determination. Twenty grams of the composite is used in gold analysis where extraction is accomplished through fire assay, producing a dore bead. An aqua regia solution (nitric-hydrochloric acid) decomposes the dore bead and atomic absorption is used to determine gold content.

6.0

GEOLOGY

Paleozoic Cache Creek sediments and volcanics overlie an Archean basement of Monashee Group metamorphics. These are cut by Upper Jurassic or Cretaceous granitic Coast intrusions. This sequence is capped by Tertiary Kamloops Group basalt flows.

In 1977 E and B Explorations Ltd. mapped the area now covered by the west half of the Creighton Creek claims at a 1:10,000 scale (Assessment Report #7178). The Creighton Creek claims are underlain predominantly by the Eocene rhyolitic tuffs and rhyolite flows with overlying Miocene "pitchstone" breccia. Isolated exposures of Eocene lithic and arkosic sandstone, conglomerate, lahar and trachyandesite are present in the southwest quadrant of the claim block. Faults, foliations and bedding trend north-northeast and northeast.

## 7.0 RESULTS: GRID SOIL SAMPLING

Soil samples were collected from the five grids, illustrated in Figures 2a and 2b. All samples were analysed for gold, lead, silver, antimony, and arsenic. Results for each element on each grid are plotted on separate maps at a scale of 1:2,500 (24 maps total). The maps are contoured to display the geochemical pattern as an aid to interpretation. Appendix I lists the laboratory analyses.

The following observations were made without the benefit of a field examination and are based solely on the geochemical analyses.

### 7.1 Moss I Grid

The Moss I Grid is located in the southwest corner of the Moss II claim. Contoured arsenic (Figure 3d) and gold (Figure 3e) outline a northeast-trending anomaly which may have resulted from surface drainage. Gold and lead (Figure 3b) values are strongest in the southwest where arsenic and antimony (Figure 3c) values are background. Silver values are  $\leq 0.2$  ppm across the grid, and thus have not been contoured.

### 7.2 Hump I Grid

The Hump I Grid is located at the northwest corner of the Hump I claim, one kilometre north of Mosquito Lake. Silver (Figure 4d) and antimony (Figure 4c) contours outline a moderate north-northeast trending anomaly crossing lines 4300E to 4700E. Gold (Figure 4f) values are erratic, lead (Figure 4b) and arsenic (Figure 4e) are background with small weak anomalies.

### 7.3 Echo I Grid

The Echo I Grid is located on the Echo I claim at the centre of the Creighton Claim block. Higher gold values describe a north trending anomaly on lines 2600E and 2700E and a north-northeast trending anomaly crossing lines 2100E to 2400E (Figure 5c). Both gold anomalies are of moderate value and are open to the south. A silver anomaly corresponds on lines 2700E and 2800E (Figure 5b). Lead values describe a weak northwest trending anomaly in the southern half of the grid (Figure 5d). Antimony and arsenic contents are background only.

### 7.4 Echo II Grid

The Echo II Grid is located on the Echo II claim near the eastern edge of the claim block. A strong west-northwest trending gold anomaly is outlined by contouring (Figure 6d). Higher arsenic (Figure 6c) and silver (Figure 6b) values are sporadic. Lead and antimony values are not anomalous and were not contoured.

### 7.5 Echo III Grid

The Echo III Grid is located at the northern edge of the claim block along the southwest slopes of Echo Lake. The terrain is steep, sloping northwards. All elements are strongly anomalous at the eastern end of the grid. Follow-up work is needed to discern trends. Lead, silver, arsenic and gold values are contoured (Figures 7b,c,d and e). Antimony values are  $\leq 0.2$  ppm across the grid.

8.0

CONCLUSIONS

A total of 57.3 kilometres of grid soil sampling has been carried out on the Echo I, II, III, IV, Moss II and Hump I claims. A zone of anomalous gold and arsenic was found in the southwest corner of the Moss II Grid. The ground to the west and south of Moss II has been staked (October 1983) by MineQuest Exploration Associates Limited on behalf of the GoldQuest I Partnership. The anomaly appears to be associated with a Tertiary silicified conglomerate in that area. Moderate to strong gold anomalies with some associated arsenic, antimony, silver and lead anomalies occur on the Echo I, II and III grids. The EHB claims appear to be a very encouraging target on which detailed work is now justified.

9.0

REFERENCES

- Cann, R. and Lund, J., 1977-1978  
Geological, Geochemical Radiometric and  
Drilling Reports, Lumby Area, British  
Columbia, Clier 1, 4, 5 and Tai 1-7 Claims  
Assessment Reports 6595, 6596,  
7075 and 7178, E&B Explorations Ltd.
- Jones, A.G., 1959  
Vernon Map-Area, British Columbia  
GSC Memoir 296, Map 1059A
- Okulitch, A.V. and Campbell, R.B., 1979  
Thompson - Shuswap - Okanagan, British  
Columbia  
GSC Open File 637, Maps A, B, C and D
- Ridley, S.L., November, 1983  
Creighton Creek Claims, Geochemistry and  
Prospecting, Vernon Mining Division  
Assessment Report, MineQuest Exploration  
Associates Limited, November, 1983

APPENDIX I

Laboratory Reports

Ia Moss I Grid  
Ib Hump I Grid  
Ic Echo I Grid  
Id Echo II Grid  
Ie Echo III Grid



Ia            MOSS I GRID  
              SOIL SAMPLING RESULTS



REPORT: 123-3153

PROJECT: GG/ENB

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	As PPM	As PPM	Sb PPM	Au PPR	NOTES	SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	As PPM	As PPM	Sb PPM	Au PPR	NOTE
9	GQC-1728	10	<0.2	<2	0.2	5		5	GQC-1768	7	<0.2	5	1.1	<5	
	GQC-1729	9	<0.2	<2	<0.2	<5		5	GQC-1769	8	<0.2	3	0.5	5	
1	GQC-1730	8	<0.2	<2	<0.2	<5		5	GQC-1770	7	<0.2	3	0.2	<5	
5	GQC-1731	9	<0.2	<2	<0.2	<5		5	GQC-1771	6	<0.2	2	0.2	<5	
	GQC-1732	8	<0.2	<2	<0.2	<5		5	GQC-1772	7	<0.2	2	0.2	<5	
5	GQC-1733	9	<0.2	<2	<0.2	<5		5	GQC-1773	8	<0.2	2	0.2	<5	
7	GQC-1734	9	<0.2	<2	0.2	<5		5	GQC-1774	8	<0.2	<2	<0.2	<5	
	GQC-1735	9	<0.2	<2	<0.2	<5		5	GQC-1775	8	<0.2	2	0.2	<5	
5	GQC-1736	9	<0.2	<2	<0.2	<5		5	GQC-1776	9	<0.2	<2	<0.2	<5	
5	GQC-1737	9	<0.2	<2	<0.2	<5		5	GQC-1777	8	<0.2	2	0.2	<5	
5	GQC-1738	8	<0.2	<2	<0.2	<5		5	GQC-1778	8	<0.2	2	0.2	<5	
5	GQC-1739	8	<0.2	<2	<0.2	5		5	GQC-1779	9	<0.2	4	0.2	5	
	GQC-1740	7	<0.2	<2	<0.2	<5		5	GQC-1780	10	<0.2	3	<0.2	5	
	GQC-1741	7	<0.2	<2	0.2	<5		5	GQC-1781	8	<0.2	3	<0.2	25	
5	GQC-1742	7	<0.2	<2	<0.2	<5		5	GQC-1782	7	<0.2	<2	<0.2	10	
	GQC-1743	8	<0.2	<2	0.2	<5		5	GQC-1783	10	0.2	2	<0.2	25	
5	GQC-1744	8	<0.2	<2	<0.2	<5		5	GQC-1784	10	0.2	<2	<0.2	30	
5	GQC-1745	7	<0.2	<2	<0.2	<5		5	GQC-1785	7	<0.2	<2	0.2	10	
	GQC-1746	6	<0.2	<2	<0.2	<5		5	GQC-1786	9	<0.2	2	<0.2	15	
	GQC-1747	7	<0.2	<2	<0.2	<5		5	GQC-1787	8	<0.2	<2	0.2	10	
7	GQC-1748	7	<0.2	<2	<0.2	<5		5	GQC-1788	9	<0.2	2	0.2	10	
	GQC-1749	8	<0.2	<2	<0.2	<5		5	GQC-1789	9	<0.2	4	0.4	<5	
5	GQC-1750	7	<0.2	<2	0.2	<5		5	GQC-1790	10	<0.2	5	0.4	<5	
9	GQC-1751	8	<0.2	<2	<0.2	<5		5	GQC-1791	7	<0.2	3	<0.2	<5	
1	GQC-1752	8	0.2	<2	0.2	<5		5	GQC-1792	8	<0.2	<2	0.2	<5	
5	GQC-1753	9	0.2	<2	<0.2	<5		5	GQC-1793	6	<0.2	<2	<0.2	<5	
1	GQC-1754	7	<0.2	<2	<0.2	<5		5	GQC-1794	7	<0.2	<2	<0.2	<5	
	GQC-1755	7	<0.2	<2	<0.2	<5		5	GQC-1795	8	<0.2	2	<0.2	<5	
5	GQC-1756	7	<0.2	4	<0.2	<5		5	GQC-1796	6	<0.2	<2	<0.2	<5	
7	GQC-1757	7	<0.2	<2	<0.2	<5		5	GQC-1797	6	<0.2	<2	<0.2	<5	
5	GQC-1758	6	<0.2	<2	<0.2	50		5	GQC-1798	8	<0.2	<2	<0.2	45	
5	GQC-1759	7	<0.2	<2	<0.2	<5		5	GQC-1799	7	<0.2	<2	0.2	<5	
	GQC-1760	7	<0.2	<2	0.2	<5		5	GQC-1800	7	<0.2	3	<0.2	<5	
5	GQC-1761	7	<0.2	<2	<0.2	<5		5	GQC-1801	10	<0.2	3	0.2	<5	
5	GQC-1762	7	<0.2	<2	<0.2	<5		5	GQC-1802	10	<0.2	5	0.5	10	
	GQC-1763	6	<0.2	<2	<0.2	<5		5	GQC-1803	10	<0.2	4	0.7	<5	
5	GQC-1764	7	<0.2	<2	<0.2	<5		5	GQC-1804	7	<0.2	<2	<0.2	5	
9	GQC-1765	7	<0.2	<2	<0.2	<5		5	GQC-1805	7	<0.2	<2	<0.2	<5	
1	GQC-1766	8	<0.2	4	1.2	<5		5	GQC-1807	11	0.2	5	1.3	5	
5	GQC-1767	7	<0.2	4	0.8	<5		5	GQC-1808	11	<0.2	5	0.9	<5	

REPORT: 123-3153

PROJECT: GQ/EHB

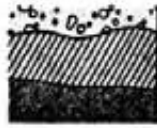
PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	As PPM	As PPM	Sb PPM	Au PPB	NOTES	SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	As PPM	As PPM	Sb PPM	Au PPB	NOTES
S GQC-1809		10	<0.2	4	0.3	<5		S GQC-1853		10	<0.2	<2	<0.2	10	
S GQC-1810		10	<0.2	4	<0.2	<5		S GQC-1854		9	<0.2	2	0.3	25	
S GQC-1811		8	<0.2	2	0.2	<5		S GQC-1855		8	<0.2	<2	<0.2	15	
S GQC-1812		8	<0.2	3	0.2	<5		S GQC-1856		9	<0.2	<2	<0.2	15	
S GQC-1814		8	<0.2	2	<0.2	<5		S GQC-1857		6	<0.2	<2	<0.2	5	
S GQC-1815		8	<0.2	<2	0.2	<5		S GQC-1858		8	<0.2	<2	<0.2	<5	
S GQC-1817		8	<0.2	<2	<0.2	<5		S GQC-1859		8	<0.2	2	<0.2	<5	
S GQC-1818		7	<0.2	2	0.2	5		S GQC-1860		8	<0.2	2	<0.2	5	
S GQC-1819		11	<0.2	6	0.8	10		S GQC-1861		8	<0.2	<2	<0.2	<5	
S GQC-1820		10	<0.2	7	0.8	5		S GQC-1862		7	<0.2	2	<0.2	<5	
S GQC-1821		8	<0.2	5	0.2	<5		S GQC-1863		6	<0.2	<2	<0.2	15	
S GQC-1822		9	<0.2	4	<0.2	<5		S GQC-1864		7	<0.2	2	<0.2	<5	
S GQC-1825		12	<0.2	3	<0.2	15		S GQC-1865		8	<0.2	<2	<0.2	<5	
S GQC-1826		14	<0.2	4	0.2	15		S GQC-1867		8	<0.2	4	<0.2	<5	
S GQC-1827		9	<0.2	2	0.2	<5		S GQC-1868		8	<0.2	5	0.2	<5	
S GQC-1828		9	<0.2	2	<0.2	5		S GQC-1869		7	<0.2	4	<0.2	<5	
S GQC-1829		8	<0.2	<2	<0.2	<5		S GQC-1870		7	<0.2	2	<0.2	<5	
S GQC-1830		9	<0.2	3	<0.2	10		S GQC-1871		7	<0.2	2	<0.2	5	
S GQC-1831		10	<0.2	5	0.2	15		S GQC-1872		6	<0.2	3	0.2	5	
S GQC-1832		11	<0.2	4	<0.2	10		S GQC-1873		12	<0.2	3	0.2	15	
S GQC-1833		11	<0.2	3	<0.2	<5		S GQC-1874		16	<0.2	6	0.3	20	
S GQC-1834		10	<0.2	2	<0.2	<5		S GQC-1875		19	<0.2	5	0.5	15	
S GQC-1835		10	<0.2	2	<0.2	<5		S GQC-1876		16	<0.2	4	0.3	30	
S GQC-1836		9	<0.2	2	<0.2	<5		S GQC-1877		6	<0.2	3	<0.2	<5	
S GQC-1837		11	<0.2	<2	<0.2	<5		S GQC-1878		5	<0.2	3	<0.2	<5	
S GQC-1838		10	<0.2	<2	<0.2	<5		S GQC-1879		5	<0.2	3	<0.2	<5	
S GQC-1839		9	<0.2	<2	<0.2	<5		S GQC-1880		6	<0.2	3	<0.2	<5	
S GQC-1840		12	<0.2	<2	0.2	25		S GQC-1881		6	<0.2	3	<0.2	15	
S GQC-1841		13	<0.2	2	<0.2	25		S GQC-1882		8	<0.2	4	0.2	<5	
S GQC-1842		11	<0.2	3	0.2	25		S GQC-1883		10	<0.2	4	0.2	10	
S GQC-1843		11	<0.2	3	0.2	20		S GQC-1884		9	<0.2	3	<0.2	<5	
S GQC-1844		9	<0.2	<2	<0.2	75		S GQC-1885		8	<0.2	3	<0.2	<5	
S GQC-1845		11	<0.2	3	0.2	10		S GQC-1886		7	<0.2	3	<0.2	<5	
S GQC-1846		14	<0.2	4	0.2	<5		S GQC-1887		8	<0.2	3	<0.2	<5	
S GQC-1847		10	0.3	4	<0.2	<5		S GQC-1888		8	<0.2	4	<0.2	35	
S GQC-1848		10	0.2	3	0.2	<5		S GQC-1889		10	<0.2	5	0.2	<5	
S GQC-1849		9	<0.2	2	<0.2	<5		S GQC-1890		10	<0.2	5	0.2	<5	
S GQC-1850		8	<0.2	18	<0.2	<5		S GQC-1891		9	<0.2	3	<0.2	<5	
S GQC-1851		10	<0.2	<2	<0.2	<5		S GQC-1892		7	<0.2	3	<0.2	10	
S GQC-1852		10	<0.2	<2	<0.2	5		S GQC-1893		7	<0.2	2	<0.2	<5	

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Ib HUMP I GRID  
SOIL SAMPLE RESULTS



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SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	As PPM	As PPM	Sb PPM	Au PPB	NOTES	SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	As PPM	As PPM	Sb PPM	Au PPB	NOTES
S GOC-2358		7	<0.2	<2	0.2	5		S GOC-2398		7	<0.2	<2	0.2	<5	
I GOC-2359		8	<0.2	<2	<0.2	<5		S GOC-2399		8	<0.2	<2	<0.2	<5	
L GOC-2360		7	<0.2	<2	0.3	<5		S GOC-2400		9	<0.2	<2	<0.2	<5	
S GOC-2361		8	<0.2	<2	0.3	<5		S GOC-2401		7	<0.2	<2	<0.2	<5	
I GOC-2362		7	<0.2	<2	0.3	<5		S GOC-2402		7	<0.2	<2	<0.2	15	
S GOC-2363		6	<0.2	2	<0.2	10		S GOC-2403		6	<0.2	<2	0.2	<5	
F GOC-2364		9	<0.2	<2	0.2	5		S GOC-2404		6	<0.2	<2	<0.2	<5	
I GOC-2365		8	<0.2	<2	0.3	5		S GOC-2405		6	<0.2	<2	<0.2	<5	
S GOC-2366		10	<0.2	<2	0.3	<5		S GOC-2406		5	<0.2	<2	0.2	<5	
S GOC-2367		7	<0.2	<2	<0.2	5		S GOC-2407		6	<0.2	<2	<0.2	<5	
I GOC-2368		8	<0.2	<2	<0.2	5		S GOC-2408		6	<0.2	<2	<0.2	<5	
S GOC-2369		10	<0.2	<2	<0.2	5		S GOC-2409		5	<0.2	<2	<0.2	<5	
P GOC-2370		10	<0.2	<2	<0.2	<5		S GOC-2410		6	<0.2	<2	<0.2	5	
I GOC-2371		8	<0.2	<2	<0.2	<5		S GOC-2411		6	<0.2	<2	<0.2	<5	
S GOC-2372		9	<0.2	<2	<0.2	<5		S GOC-2412		6	<0.2	<2	<0.2	<5	
I GOC-2373		8	<0.2	<2	<0.2	<5		S GOC-2413		8	<0.2	2	<0.2	<5	
L GOC-2374		8	<0.2	<2	<0.2	5		S GOC-2414		6	<0.2	<2	<0.2	<5	
S GOC-2375		9	<0.2	<2	<0.2	<5		S GOC-2415		6	<0.2	<2	<0.2	<5	
I GOC-2376		10	<0.2	<2	<0.2	<5		S GOC-2416		5	<0.2	<2	<0.2	<5	
I GOC-2377		10	<0.2	2	<0.2	<5		S GOC-2417		5	<0.2	<2	0.3	<5	
S GOC-2378		10	<0.2	3	0.2	<5		S GOC-2418		8	<0.2	<2	<0.2	5	
I GOC-2379		9	<0.2	2	<0.2	<5		S GOC-2419		10	<0.2	2	0.3	20	
S GOC-2380		8	<0.2	2	0.2	<5		S GOC-2420		9	<0.2	<2	0.3	<5	
S GOC-2381		9	<0.2	2	<0.2	5		S GOC-2421		9	<0.2	2	<0.2	<5	
I GOC-2382		9	<0.2	<2	0.2	<5		S GOC-2422		10	0.2	3	<0.2	<5	
S GOC-2383		10	<0.2	<2	<0.2	<5		S GOC-2423		9	<0.2	2	<0.2	<5	
I GOC-2384		10	<0.2	<2	<0.2	<5		S GOC-2424		8	<0.2	2	<0.2	<5	
I GOC-2385		9	<0.2	<2	0.2	<5		S GOC-2425		8	<0.2	<2	<0.2	<5	
S GOC-2386		7	<0.2	<2	0.2	<5		S GOC-2426		8	<0.2	<2	<0.2	<5	
S GOC-2387		6	<0.2	<2	0.2	<5		S GOC-2427		6	<0.2	3	<0.2	<5	
I GOC-2388		8	<0.2	<2	<0.2	<5		S GOC-2428		6	<0.2	<2	<0.2	<5	
S GOC-2389		7	<0.2	<2	<0.2	<5		S GOC-2429		7	<0.2	<2	<0.2	<5	
I GOC-2390		8	<0.2	<2	<0.2	<5		S GOC-2430		8	<0.2	<2	<0.2	<5	
I GOC-2391		7	<0.2	<2	<0.2	<5		S GOC-2431		6	<0.2	<2	<0.2	<5	
S GOC-2392		8	<0.2	<2	<0.2	<5		S GOC-2432		5	<0.2	<2	<0.2	<5	
I GOC-2393		10	<0.2	<2	<0.2	<5		S GOC-2433		6	<0.2	<2	<0.2	<5	
S GOC-2394		7	<0.2	<2	<0.2	<5		S GOC-2434		8	<0.2	2	<0.2	<5	
S GOC-2395		8	<0.2	<2	<0.2	<5		S GOC-2435		7	<0.2	<2	<0.2	<5	
I GOC-2396		8	<0.2	<2	<0.2	<5		S GOC-2436		7	<0.2	<2	<0.2	<5	
L GOC-2397		6	<0.2	<2	<0.2	<5		S GOC-2437		5	<0.2	<2	<0.2	<5	



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SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	As PPM	As PPM	Sb PPM	Au PPM	NOTES	SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	As PPM	As PPM	Sb PPM	Au PPM	NOTES
S GQC-2438		8	<0.2	<2	<0.2	<5		S GQC-2478		7	<0.2	<2	0.3	<5	
GQC-2439		9	<0.2	<2	<0.2	<5		S GQC-2479		7	<0.2	2	0.3	<5	
GQC-2440		10	<0.2	<2	<0.2	<5		S GQC-2480		6	<0.2	<2	0.2	<5	
S GQC-2441		8	<0.2	<2	<0.2	<5		S GQC-2481		6	<0.2	<2	0.2	<5	
GQC-2442		8	<0.2	3	<0.2	10		S GQC-2482		6	<0.2	<2	0.2	<5	
S GQC-2443		7	<0.2	<2	<0.2	10		S GQC-2483		6	<0.2	<2	0.3	<5	
R GQC-2444		6	<0.2	<2	0.2	10		S GQC-2484		4	<0.2	<2	<0.2	10	
GQC-2445		6	<0.2	<2	<0.2	10		S GQC-2485		6	<0.2	<2	0.3	5	
GQC-2446		5	<0.2	<2	<0.2	15		S GQC-2486		6	<0.2	<2	0.2	<5	
S GQC-2447		6	<0.2	<2	<0.2	10		S GQC-2487		6	<0.2	<2	0.2	<5	
GQC-2448		7	<0.2	<2	0.2	5		S GQC-2488		5	0.2	<2	0.2	<5	
S GQC-2449		7	<0.2	<2	<0.2	5		S GQC-2489		6	<0.2	<2	<0.2	<5	
GQC-2450		6	<0.2	<2	0.2	<5		S GQC-2490		5	<0.2	<2	<0.2	<5	
GQC-2451		6	<0.2	<2	<0.2	<5		S GQC-2491		6	<0.2	<2	<0.2	<5	
S GQC-2452		5	0.2	<2	<0.2	<5		S GQC-2492		6	<0.2	<2	<0.2	<5	
GQC-2453		7	<0.2	<2	<0.2	<5		S GQC-2493		5	<0.2	<2	<0.2	10	
GQC-2454		7	<0.2	<2	<0.2	5		S GQC-2494		5	<0.2	<2	<0.2	<5	
S GQC-2455		6	<0.2	<2	<0.2	15		S GQC-2495		5	<0.2	<2	<0.2	<5	
GQC-2456		5	<0.2	<2	<0.2	20		S GQC-2496		5	<0.2	<2	<0.2	<5	
GQC-2457		5	<0.2	<2	<0.2	20		S GQC-2497		7	<0.2	<2	<0.2	<5	
R GQC-2458		7	<0.2	<2	<0.2	5		S GQC-2498		8	<0.2	<2	0.2	<5	
GQC-2459		6	<0.2	<2	<0.2	5		S GQC-2499		7	<0.2	<2	0.2	<5	
S GQC-2460		6	<0.2	<2	<0.2	<5		S GQC-2500		6	<0.2	<2	0.3	<5	
S GQC-2461		6	<0.2	<2	0.2	<5		S GQC-2501		7	<0.2	<2	0.2	<5	
GQC-2462		7	<0.2	<2	<0.2	<5		S GQC-2502		7	<0.2	<2	<0.2	10	
S GQC-2463		8	<0.2	<2	<0.2	<5		S GQC-2503		7	0.2	3	0.2	15	
GQC-2464		8	<0.2	<2	<0.2	<5		S GQC-2504		7	0.2	3	0.2	5	
GQC-2465		7	<0.2	<2	<0.2	<5		S GQC-2505		6	0.2	2	0.2	5	
S GQC-2466		7	<0.2	<2	<0.2	150		S GQC-2506		6	0.3	<2	0.4	<5	
S GQC-2467		6	<0.2	<2	<0.2	<5		S GQC-2507		6	<0.2	<2	0.5	<5	
GQC-2468		5	<0.2	<2	<0.2	<5		S GQC-2508		4	<0.2	<2	0.3	230	
S GQC-2469		5	<0.2	<2	0.3	<5		S GQC-2509		5	<0.2	<2	0.3	<5	
GQC-2470		4	<0.2	<2	0.3	<5		S GQC-2510		4	<0.2	<2	0.3	<5	
GQC-2471		4	<0.2	<2	0.2	20		S GQC-2511		5	<0.2	<2	0.3	5	
S GQC-2472		5	0.2	<2	0.2	10		S GQC-2512		6	<0.2	<2	0.5	<5	
GQC-2473		4	<0.2	<2	0.2	10		S GQC-2513		6	<0.2	<2	0.3	<5	
S GQC-2474		5	0.2	<2	0.2	<5		S GQC-2514		7	0.2	<2	0.4	<5	
S GQC-2475		5	<0.2	<2	0.2	<5		S GQC-2515		6	<0.2	<2	0.3	<5	
GQC-2476		5	<0.2	<2	0.2	<5		S GQC-2516		4	<0.2	<2	0.3	<5	
GQC-2477		4	<0.2	<2	0.2	<5		S GQC-2517		4	<0.2	<2	0.4	<5	



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SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	As PPM	As PPM	Sb PPM	Au PPB	NOTES	SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	As PPM	As PPM	Sb PPM	Au PPB	NOTES
S GQC-2518		6	<0.2	<2	0.2	<5		S GQC-2558		8	<0.2	<2	0.3	<5	
GQC-2519		7	<0.2	<2	0.2	<5		S GQC-2559		8	<0.2	<2	0.3	15	
GQC-2520		6	<0.2	<2	0.3	<5		S GQC-2560		7	<0.2	<2	0.3	10	
S GQC-2521		6	<0.2	<2	0.3	<5		S GQC-2561		6	<0.2	<2	0.3	15	
GQC-2522		6	<0.2	<2	0.2	<5		S GQC-2562		6	<0.2	<2	0.2	15	
S GQC-2523		6	<0.2	<2	0.2	20		S GQC-2563		6	<0.2	3	0.3	15	
GQC-2524		7	<0.2	<2	0.2	<5		S GQC-2564		5	<0.2	2	0.2	10	
GQC-2525		7	<0.2	<2	0.3	<5		S GQC-2565		6	<0.2	3	0.4	<5	
GQC-2526		5	0.2	2	0.3	<5		S GQC-2566		6	0.2	4	0.7	<5	
S GQC-2527		5	0.2	<2	0.3	<5		S GQC-2567		8	0.4	5	0.5	<5	
GQC-2528		6	0.2	2	0.2	<5		S GQC-2568		7	0.2	5	0.8	5	
S GQC-2529		4	<0.2	<2	0.3	<5		S GQC-2569		7	<0.2	3	0.3	<5	
GQC-2530		4	<0.2	<2	0.2	<5		S GQC-2570		7	<0.2	<2	0.3	<5	
GQC-2531		6	0.2	<2	0.6	<5		S GQC-2571		7	<0.2	<2	0.2	<5	
GQC-2532		6	0.2	<2	0.7	5		S GQC-2572		8	<0.2	<2	0.5	<5	
GQC-2533		4	0.2	<2	0.3	5		S GQC-2573		7	<0.2	<2	0.3	<5	
GQC-2534		6	<0.2	<2	0.3	10		S GQC-2574		6	<0.2	<2	0.2	5	
S GQC-2535		7	<0.2	<2	0.2	10		S GQC-2575		7	<0.2	<2	0.2	15	
GQC-2536		6	<0.2	<2	0.4	<5		S GQC-2576		8	<0.2	<2	0.2	20	
GQC-2537		5	<0.2	<2	0.3	5		S GQC-2577		6	<0.2	<2	0.4	25	
GQC-2538		6	<0.2	<2	0.3	<5		S GQC-2578		8	<0.2	<2	0.3	10	
GQC-2539		6	<0.2	<2	0.2	<5		S GQC-2579		6	<0.2	<2	0.2	5	
GQC-2540		7	<0.2	<2	0.2	<5		S GQC-2580		6	0.2	2	0.3	35	
S GQC-2541		5	<0.2	<2	0.2	<5		S GQC-2581		8	0.3	4	0.3	<5	
GQC-2542		5	<0.2	<2	0.2	<5		S GQC-2582		7	0.3	7	0.9	<5	
S GQC-2543		6	<0.2	<2	0.3	<5		S GQC-2583		8	0.4	9	1.5	5	
GQC-2544		5	<0.2	<2	0.4	<5		S GQC-2584		8	0.3	6	0.8	<5	
GQC-2545		6	<0.2	<2	0.4	<5		S GQC-2585		8	0.2	4	0.3	5	
GQC-2546		6	0.2	4	0.3	<5		S GQC-2586		8	0.2	4	0.2	<5	
GQC-2547		6	0.2	3	0.4	<5		S GQC-2587		8	0.2	3	0.2	<5	
GQC-2548		6	0.2	3	0.6	<5		S GQC-2588		7	0.2	2	0.2	<5	
S GQC-2549		6	0.2	4	0.8	<5		S GQC-2589		7	0.3	<2	<0.2	<5	
GQC-2550		7	<0.2	2	0.6	5		S GQC-2590		8	0.3	2	<0.2	<5	
GQC-2551		6	<0.2	<2	0.3	<5		S GQC-2591		8	0.2	<2	<0.2	<5	
S GQC-2552		5	<0.2	<2	0.3	<5		S GQC-2592		8	<0.2	<2	<0.2	<5	
GQC-2553		5	<0.2	<2	0.3	10		S GQC-2593		8	<0.2	<2	<0.2	<5	
GQC-2554		5	<0.2	<2	0.3	<5		S GQC-2594		7	0.4	<2	<0.2	<5	
S GQC-2555		6	<0.2	<2	0.3	<5		S GQC-2595		6	0.4	<2	<0.2	<5	
GQC-2556		9	<0.2	3	0.4	<5		S GQC-2596		6	0.3	<2	<0.2	<5	
GQC-2557		7	<0.2	<2	0.3	<5		S GQC-2597		6	0.3	<2	<0.2	<5	





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SAMPLE NUMBER	ELEMENT UNITS	Pb PPH	Ag PPH	As PPH	Sb PPH	Au PPB	NOTES	SAMPLE NUMBER	ELEMENT UNITS	Pb PPH	Ag PPH	As PPH	Sb PPH	Au PPB	NOTES
S GQC-2598		8	0.3	<2	<0.2	<5		S GQC-2638		6	<0.2	<2	<0.2	<5	
GQC-2599		8	0.4	3	0.2	<5		S GQC-2639		7	<0.2	<2	<0.2	<5	
GQC-2600		7	0.4	5	0.2	<5		S GQC-2640		8	0.2	5	0.2	<5	
S GQC-2601		7	0.4	5	0.2	<5		S GQC-2641		7	0.2	5	0.3	<5	
GQC-2602		7	0.2	5	0.3	<5		S GQC-2642		7	<0.2	3	<0.2	<5	
S GQC-2603		7	0.4	6	<0.2	<5		S GQC-2643		7	<0.2	3	<0.2	<5	
R GQC-2604		7	0.3	4	0.2	<5		S GQC-2644		7	<0.2	<2	<0.2	<5	
GQC-2605		9	0.4	4	<0.2	<5		S GQC-2645		6	<0.2	<2	<0.2	<5	
GQC-2606		11	0.4	4	<0.2	<5		S GQC-2646		6	<0.2	<2	<0.2	10	
S GQC-2607		12	0.3	2	0.2	<5		S GQC-2647		7	<0.2	<2	<0.2	<5	
GQC-2608		9	<0.2	<2	<0.2	<5		S GQC-2648		8	<0.2	<2	<0.2	<5	
S GQC-2609		6	<0.2	<2	<0.2	5		S GQC-2649		7	<0.2	3	<0.2	<5	
GQC-2610		8	<0.2	2	<0.2	<5		S GQC-2650		7	<0.2	2	<0.2	<5	
GQC-2611		7	<0.2	<2	<0.2	<5		S GQC-2651		7	<0.2	<2	<0.2	<5	
S GQC-2612		6	<0.2	<2	<0.2	<5		S GQC-2652		7	<0.2	3	<0.2	<5	
GQC-2613		6	<0.2	<2	<0.2	<5		S GQC-2653		6	<0.2	2	<0.2	20	
GQC-2614		7	<0.2	<2	<0.2	<5		S GQC-2654		7	<0.2	2	0.2	5	
S GQC-2615		6	<0.2	3	0.2	5		S GQC-2655		6	<0.2	<2	<0.2	<5	
GQC-2616		6	0.2	2	0.2	<5		S GQC-2656		7	<0.2	2	<0.2	5	
GQC-2617		7	0.4	<2	0.2	<5		S GQC-2657		7	<0.2	2	0.2	5	
R GQC-2618		7	0.3	5	0.2	<5		S GQC-2658		8	0.2	4	0.2	5	
GQC-2619		7	0.3	5	0.3	<5		S GQC-2659		8	0.2	5	0.3	<5	
GQC-2620		7	0.2	5	<0.2	<5		S GQC-2660		9	0.2	3	0.3	15	
S GQC-2621		6	<0.2	4	<0.2	<5		S GQC-2661		9	<0.2	5	<0.2	<5	
GQC-2622		7	<0.2	3	<0.2	<5		S GQC-2662		8	<0.2	2	<0.2	10	
S GQC-2623		7	<0.2	3	<0.2	<5		S GQC-2663		9	<0.2	<2	<0.2	15	
GQC-2624		6	<0.2	<2	0.3	5		S GQC-2664		9	<0.2	3	<0.2	10	
GQC-2625		6	<0.2	4	0.3	10		S GQC-2665		7	<0.2	3	0.2	<5	
S GQC-2626		9	0.3	3	0.2	10		S GQC-2666		7	<0.2	2	<0.2	<5	
GQC-2627		8	<0.2	4	<0.2	10		S GQC-2667		9	<0.2	2	<0.2	<5	
GQC-2628		8	<0.2	<2	<0.2	10		S GQC-2668		7	<0.2	<2	<0.2	<5	
S GQC-2629		8	<0.2	<2	<0.2	20		S GQC-2669		7	<0.2	<2	<0.2	<5	
GQC-2630		8	0.2	<2	<0.2	20		S GQC-2670		8	<0.2	2	<0.2	<5	
GQC-2631		8	<0.2	<2	<0.2	20		S GQC-2671		8	<0.2	4	<0.2	<5	
S GQC-2632		7	<0.2	<2	<0.2	5		S GQC-2672		10	<0.2	3	<0.2	5	
GQC-2633		8	<0.2	3	<0.2	10		S GQC-2673		7	<0.2	2	0.2	10	
GQC-2634		8	0.2	2	<0.2	5		S GQC-2674		7	<0.2	3	0.2	10	
S GQC-2635		7	<0.2	3	<0.2	<5		S GQC-2675		7	<0.2	3	<0.2	<5	
GQC-2636		6	<0.2	<2	<0.2	<5		S GQC-2676		8	<0.2	<2	<0.2	<5	
GQC-2637		6	<0.2	<2	<0.2	<5		S GQC-2677		7	<0.2	2	<0.2	<5	

Ic ECHO I GRID  
SOIL SAMPLE RESULTS



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PROJECT: GQ/EHR

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SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	Ag PPM	Sb PPM	As PPM	Au PPB	NOTES	SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	Ag PPM	Sb PPM	As PPM	Au PPB	NOTES
GQC-2782		8	0.4	<0.2	3	<5		S GQC-2822		6	<0.2	<0.2	<2	10	
GQC-2783		7	0.3	<0.2	3	<5		S GQC-2823		6	<0.2	<0.2	2	5	
GQC-2784		6	0.3	<0.2	3	<5		S GQC-2824		6	0.2	<0.2	2	<5	
GQC-2785		6	0.2	<0.2	2	<5		S GQC-2825		6	<0.2	<0.2	3	<5	
GQC-2786		6	0.2	<0.2	3	<5		S GQC-2826		7	<0.2	<0.2	3	<5	
GQC-2787		6	0.2	<0.2	3	<5		S GQC-2827		7	<0.2	<0.2	3	<5	
GQC-2788		7	0.2	<0.2	<2	5		S GQC-2828		7	0.2	<0.2	<2	5	
GQC-2789		8	0.3	<0.2	3	<5		S GQC-2829		7	0.5	<0.2	<2	5	
GQC-2790		6	0.3	<0.2	<2	<5		S GQC-2830		9	0.5	0.2	3	<5	
GQC-2791		6	0.3	<0.2	2	<5		S GQC-2831		8	0.4	0.2	2	<5	
GQC-2792		6	0.3	<0.2	2	<5		S GQC-2832		7	0.2	<0.2	4	<5	
GQC-2793		5	0.3	<0.2	4	<5		S GQC-2833		6	<0.2	<0.2	2	<5	
GQC-2794		5	<0.2	<0.2	3	<5		S GQC-2834		6	<0.2	<0.2	3	<5	
GQC-2795		7	0.2	<0.2	3	5		S GQC-2835		7	0.2	<0.2	4	<5	
GQC-2796		5	0.2	<0.2	3	<5		S GQC-2836		6	<0.2	<0.2	4	<5	
GQC-2797		6	<0.2	<0.2	4	<5		S GQC-2837		7	<0.2	<0.2	3	<5	
GQC-2798		5	<0.2	<0.2	4	<5		S GQC-2838		8	<0.2	<0.2	2	5	
GQC-2799		6	0.2	<0.2	3	<5		S GQC-2839		7	0.2	<0.2	<2	10	
GQC-2800		6	<0.2	<0.2	3	5		S GQC-2840		7	<0.2	<0.2	2	5	
GQC-2801		6	<0.2	<0.2	3	5		S GQC-2841		6	<0.2	<0.2	3	<5	
GQC-2802		6	0.2	<0.2	4	<5		S GQC-2842		5	<0.2	<0.2	<2	<5	
GQC-2803		5	<0.2	<0.2	3	10		S GQC-2843		5	<0.2	<0.2	<2	<5	
GQC-2804		6	0.2	<0.2	3	<5		S GQC-2844		6	<0.2	<0.2	2	<5	
GQC-2805		6	<0.2	<0.2	4	5		S GQC-2845		5	<0.2	<0.2	2	5	
GQC-2806		6	<0.2	<0.2	5	<5		S GQC-2846		5	<0.2	<0.2	<2	45	
GQC-2807		6	0.4	<0.2	4	<5		S GQC-2847		5	0.2	<0.2	<2	5	
GQC-2808		8	0.3	<0.2	4	10		S GQC-2848		4	<0.2	<0.2	<2	10	
GQC-2809		8	0.2	<0.2	3	<5		S GQC-2849		5	0.3	<0.2	<2	10	
GQC-2810		6	<0.2	<0.2	2	<5		S GQC-2850		6	0.3	<0.2	2	15	
GQC-2811		6	0.3	<0.2	2	<5		S GQC-2851		6	0.3	<0.2	<2	5	
GQC-2812		6	0.3	<0.2	<2	<5		S GQC-2852		7	0.3	<0.2	<2	<5	
GQC-2813		6	0.2	<0.2	3	70		S GQC-2853		12	0.3	<0.2	2	<5	
GQC-2814		5	<0.2	<0.2	4	<5		S GQC-2854		6	0.2	<0.2	2	<5	
GQC-2815		6	<0.2	<0.2	3	10		S GQC-2855		6	<0.2	<0.2	3	5	
GQC-2816		5	0.2	<0.2	3	10		S GQC-2856		7	0.4	<0.2	<2	<5	
GQC-2817		5	<0.2	<0.2	3	15		S GQC-2857		5	0.2	<0.2	2	<5	
GQC-2818		6	0.2	<0.2	4	5		S GQC-2858		7	0.3	<0.2	<2	<5	
GQC-2819		10	0.3	<0.2	<2	10		S GQC-2859		6	0.4	<0.2	2	<5	
GQC-2820		8	<0.2	<0.2	<2	10		S GQC-2860		7	0.2	<0.2	<2	<5	
GQC-2821		6	<0.2	<0.2	<2	10		S GQC-2861		7	<0.2	<0.2	<2	<5	



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PROJECT: GQ/EHB

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SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	As PPM	Sb PPM	As PPM	Au PPB	NOTES	SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	As PPM	Sb PPM	As PPM	Au PPB	NOTE
S GQC-2862		4	<0.2	<0.2	<2	<5		S GQC-2902		6	<0.2	<0.2	<2	5	
S GQC-2863		5	<0.2	<0.2	<2	<5		S GQC-2903		6	0.2	<0.2	<2	<5	
S GQC-2864		5	<0.2	<0.2	<2	<5		S GQC-2904		6	0.2	<0.2	<2	<5	
S GQC-2865		4	<0.2	<0.2	2	10		S GQC-2905		6	<0.2	<0.2	2	<5	
S GQC-2866		6	0.4	<0.2	2	25		S GQC-2906		6	<0.2	<0.2	2	25	
S GQC-2867		6	0.4	<0.2	2	15		S GQC-2907		5	0.2	<0.2	<2	<5	
S GQC-2868		5	0.2	<0.2	4	<5		S GQC-2908		6	0.2	<0.2	<2	<5	
S GQC-2869		6	0.2	<0.2	4	<5		S GQC-2909		6	0.3	<0.2	<2	<5	
S GQC-2870		5	0.2	<0.2	<2	<5		S GQC-2910		7	0.3	<0.2	<2	<5	
S GQC-2871		5	0.2	<0.2	<2	<5		S GQC-2911		9	0.2	<0.2	<2	<5	
S GQC-2872		6	0.2	<0.2	2	<5		S GQC-2912		17	0.3	<0.2	<2	10	
S GQC-2873		5	0.2	<0.2	<2	<5		S GQC-2913		10	0.2	<0.2	<2	10	
S GQC-2874		8	0.2	<0.2	2	5		S GQC-2914		11	0.2	<0.2	2	10	
S GQC-2875		8	0.2	<0.2	<2	5		S GQC-2915		8	0.2	<0.2	2	<5	
S GQC-2876		6	0.3	<0.2	<2	<5		S GQC-2916		8	0.2	<0.2	<2	<5	
S GQC-2877		6	0.2	<0.2	2	10		S GQC-2917		8	0.2	<0.2	3	<5	
S GQC-2878		7	<0.2	<0.2	2	<5		S GQC-2918		8	0.3	<0.2	2	10	
S GQC-2879		7	<0.2	<0.2	2	<5		S GQC-2919		6	0.3	<0.2	<2	10	
S GQC-2880		8	<0.2	<0.2	2	<5		S GQC-2920		6	0.3	<0.2	<2	<5	
S GQC-2881		7	<0.2	<0.2	<2	5		S GQC-2921		8	0.3	<0.2	<2	<5	
S GQC-2882		4	<0.2	<0.2	<2	<5		S GQC-2922		7	0.2	<0.2	<2	<5	
S GQC-2883		4	<0.2	<0.2	2	<5		S GQC-2923		7	0.4	<0.2	<2	<5	
S GQC-2884		6	0.2	<0.2	<2	<5		S GQC-2924		7	0.3	<0.2	<2	<5	
S GQC-2885		5	0.2	<0.2	<2	<5		S GQC-2925		20	0.3	<0.2	<2	<5	
S GQC-2886		7	0.4	<0.2	<2	<5		S GQC-2926		6	0.2	<0.2	2	<5	
S GQC-2887		5	0.3	<0.2	<2	<5		S GQC-2927		6	<0.2	<0.2	<2	<5	
S GQC-2888		5	<0.2	<0.2	<2	5		S GQC-2928		7	0.3	<0.2	3	20	
S GQC-2889		5	<0.2	<0.2	2	10		S GQC-2929		7	0.4	<0.2	3	<5	
S GQC-2890		5	0.2	<0.2	<2	<5		S GQC-2930		9	0.5	<0.2	2	20	
S GQC-2891		5	<0.2	<0.2	<2	5		S GQC-2931		9	0.6	<0.2	<2	10	
S GQC-2892		5	<0.2	<0.2	<2	<5		S GQC-2932		7	0.6	<0.2	<2	50	
S GQC-2893		7	<0.2	<0.2	2	<5		S GQC-2933		8	0.4	<0.2	3	50	
S GQC-2894		5	<0.2	<0.2	2	<5		S GQC-2934		8	0.4	<0.2	2	30	
S GQC-2895		6	<0.2	<0.2	2	5		S GQC-2935		8	0.2	<0.2	<2	25	
S GQC-2896		6	0.2	<0.2	<2	<5		S GQC-2936		9	<0.2	<0.2	<2	5	
S GQC-2897		7	0.2	<0.2	2	<5		S GQC-2937		8	<0.2	<0.2	2	15	
S GQC-2898		8	0.2	<0.2	3	<5		S GQC-2938		8	<0.2	<0.2	<2	55	
S GQC-2899		8	0.2	<0.2	<2	<5		S GQC-2939		7	0.2	<0.2	<2	20	
S GQC-2900		7	<0.2	<0.2	2	<5		S GQC-2940		7	0.3	<0.2	3	10	
S GQC-2901		8	<0.2	<0.2	<2	<5		S GQC-2941		7	0.3	<0.2	3	30	



Id ECHO II GRID  
SOIL SAMPLE RESULTS

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PROJECT: GD/EHS

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SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	As PPM	As PPM	Sb PPM	Au PPB	NOTES	SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	As PPM	As PPM	Sb PPM	Au PPB	NOTES
S GQC-3002		5	0.3	5	<0.2	<5		S GQC-3042		5	0.2	3	<0.2	170	
S GQC-3003		4	0.4	6	<0.2	5		S GQC-3043		5	0.3	4	<0.2	<5	
S GQC-3004		4	0.3	5	<0.2	5		S GQC-3044		5	0.2	4	<0.2	180	
S GQC-3005		5	0.4	7	<0.2	10		S GQC-3045		6	0.2	5	<0.2	5	
S GQC-3006		5	0.6	6	<0.2	<5		S GQC-3046		5	0.2	5	<0.2	<5	
S GQC-3007		5	0.4	6	<0.2	160		S GQC-3047		5	0.2	5	<0.2	<5	
S GQC-3008		5	0.2	7	<0.2	160		S GQC-3048		6	0.2	5	<0.2	5	
S GQC-3009		5	<0.2	10	<0.2	5		S GQC-3049		6	0.3	7	<0.2	5	
S GQC-3010		7	0.2	6	<0.2	<5		S GQC-3050		5	0.2	9	<0.2	10	
S GQC-3011		5	0.2	5	<0.2	<5		S GQC-3051		4	<0.2	8	<0.2	15	
S GQC-3012		5	0.3	5	<0.2	<5		S GQC-3052		4	0.4	6	<0.2	5	
S GQC-3013		6	0.2	4	<0.2	<5		S GQC-3053		7	0.2	4	<0.2	5	
S GQC-3014		6	0.2	4	<0.2	<5		S GQC-3054		7	0.2	4	<0.2	10	
S GQC-3015		5	0.2	3	<0.2	<5		S GQC-3055		7	<0.2	4	<0.2	15	
S GQC-3016		3	0.2	2	<0.2	<5		S GQC-3056		6	<0.2	3	<0.2	10	
S GQC-3017		6	0.2	<2	<0.2	<5		S GQC-3057		4	<0.2	6	<0.2	10	
S GQC-3018		6	<0.2	<2	<0.2	<5		S GQC-3058		5	0.2	5	<0.2	15	
S GQC-3019		5	<0.2	<2	<0.2	<5		S GQC-3059		6	<0.2	5	<0.2	15	
S GQC-3020		6	<0.2	<2	<0.2	<5		S GQC-3060		6	<0.2	5	<0.2	5	
S GQC-3021		6	<0.2	<2	<0.2	<5		S GQC-3061		5	<0.2	7	<0.2	10	
S GQC-3022		5	<0.2	5	<0.2	10		S GQC-3062		4	<0.2	5	<0.2	<5	
S GQC-3023		4	<0.2	5	<0.2	<5		S GQC-3063		5	0.3	7	<0.2	<5	
S GQC-3024		4	<0.2	5	<0.2	5		S GQC-3064		5	0.2	7	<0.2	10	
S GQC-3025		4	<0.2	8	<0.2	5		S GQC-3065		4	0.2	4	<0.2	10	
S GQC-3026		4	<0.2	10	<0.2	<5		S GQC-3066		4	0.2	5	<0.2	105	
S GQC-3027		4	<0.2	9	<0.2	10		S GQC-3067		4	0.2	6	<0.2	15	
S GQC-3028		4	0.2	7	<0.2	10		S GQC-3068		4	0.3	9	<0.2	10	
S GQC-3029		5	<0.2	5	<0.2	<5		S GQC-3069		4	0.4	11	<0.2	15	
S GQC-3030		5	<0.2	5	<0.2	<5		S GQC-3070		4	0.4	10	<0.2	<5	
S GQC-3031		5	<0.2	5	<0.2	<5		S GQC-3071		4	0.3	6	<0.2	5	
S GQC-3032		5	<0.2	6	<0.2	5		S GQC-3072		5	0.4	6	<0.2	10	
S GQC-3033		6	0.2	5	<0.2	115		S GQC-3073		5	0.3	6	<0.2	30	
S GQC-3034		7	0.2	5	<0.2	<5		S GQC-3074		5	0.2	4	<0.2	10	
S GQC-3035		4	0.2	3	<0.2	<5		S GQC-3075		5	<0.2	5	<0.2	<5	
S GQC-3036		4	0.3	4	<0.2	<5		S GQC-3076		18	0.2	5	<0.2	20	
S GQC-3037		5	0.2	4	<0.2	<5		S GQC-3077		5	0.2	4	<0.2	<5	
S GQC-3038		6	<0.2	5	<0.2	<5		S GQC-3078		5	0.2	5	<0.2	<5	
S GQC-3039		5	0.4	3	<0.2	<5		S GQC-3079		4	0.3	5	<0.2	<5	
S GQC-3040		6	0.2	3	<0.2	<5		S GQC-3080		5	0.2	6	<0.2	<5	
S GQC-3041		6	0.2	5	<0.2	5		S GQC-3081		5	0.2	7	<0.2	10	

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PROJECT: GG/ENB

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SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	As PPM	As PPM	Sb PPM	Au PPB	NOTES	SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	As PPM	As PPM	Sb PPM	Au PPB	NOTES
GQC-3082		6	0.2	8	<0.2	<5		S GQC-3122		8	0.4	7	<0.2	<5	
GQC-3083		5	0.3	5	<0.2	65		S GQC-3123		6	0.4	7	<0.2	25	
GQC-3084		5	0.3	6	<0.2	<5		S GQC-3124		8	0.3	9	<0.2	<5	
GQC-3085		5	0.2	6	<0.2	<5		S GQC-3125		9	0.2	9	<0.2	<5	
GQC-3086		4	0.2	5	<0.2	5		S GQC-3126		6	0.3	10	<0.2	115	
GQC-3087		4	0.3	7	<0.2	<5		S GQC-3127		6	0.3	8	<0.2	<5	
GQC-3088		3	0.2	8	<0.2	40		S GQC-3128		6	0.2	5	<0.2	5	
GQC-3089		3	0.2	7	<0.2	5		S GQC-3129		8	0.2	7	<0.2	10	
GQC-3090		3	0.3	6	<0.2	10		S GQC-3130		8	0.2	6	<0.2	10	
GQC-3091		4	0.3	6	<0.2	<5		S GQC-3131		6	0.2	6	<0.2	105	
GQC-3092		5	0.2	8	<0.2	<5		S GQC-3132		5	0.2	7	<0.2	5	
GQC-3093		5	0.2	9	<0.2	<5		S GQC-3133		4	0.2	7	<0.2	<5	
GQC-3094		4	0.3	6	<0.2	<5		S GQC-3134		5	0.2	6	<0.2	<5	
GQC-3095		5	0.2	6	<0.2	<5		S GQC-3135		6	0.3	7	<0.2	<5	
GQC-3096		5	0.2	5	<0.2	<5		S GQC-3136		5	0.4	6	<0.2	<5	
GQC-3097		5	0.2	6	<0.2	<5		S GQC-3137		6	0.3	6	<0.2	<5	
GQC-3098		5	0.4	5	<0.2	5		S GQC-3138		5	0.2	8	<0.2	<5	
GQC-3099		4	0.3	4	<0.2	10		S GQC-3139		5	0.2	6	<0.2	<5	
GQC-3100		5	0.2	4	<0.2	10		S GQC-3140		6	0.2	5	<0.2	<5	
GQC-3101		6	0.2	3	<0.2	<5		S GQC-3141		12	0.2	4	<0.2	<5	
GQC-3102		5	0.4	5	<0.2	5		S GQC-3142		7	0.4	7	<0.2	<5	
GQC-3103		5	0.3	6	<0.2	5		S GQC-3143		7	0.4	6	<0.2	5	
GQC-3104		5	0.2	6	<0.2	5		S GQC-3144		8	0.4	8	<0.2	10	
GQC-3105		7	0.2	9	<0.2	35		S GQC-3145		8	0.4	10	<0.2	<5	
GQC-3106		7	0.3	10	<0.2	<5		S GQC-3146		8	0.4	11	<0.2	5	
GQC-3107		5	0.2	10	<0.2	5		S GQC-3147		5	0.3	10	<0.2	35	
GQC-3108		4	0.2	10	<0.2	<5		S GQC-3148		4	0.3	7	<0.2	25	
GQC-3109		4	0.2	5	<0.2	<5		S GQC-3149		6	<0.2	6	<0.2	25	
GQC-3110		4	0.2	5	<0.2	15		S GQC-3150		5	0.2	6	<0.2	10	
GQC-3111		5	0.2	6	<0.2	<5		S GQC-3151		6	<0.2	6	<0.2	10	
GQC-3112		6	0.2	6	<0.2	<5		S GQC-3152		6	0.2	7	<0.2	<5	
GQC-3113		6	0.2	7	<0.2	<5		S GQC-3153		5	0.3	9	<0.2	10	
GQC-3114		8	0.3	9	<0.2	5		S GQC-3154		4	0.2	11	<0.2	<5	
GQC-3115		6	0.3	6	<0.2	5		S GQC-3155		4	0.2	10	<0.2	10	
GQC-3116		5	0.3	4	<0.2	10		S GQC-3156		5	0.2	6	<0.2	10	
GQC-3117		6	0.3	5	<0.2	<5		S GQC-3157		5	0.2	7	<0.2	5	
GQC-3118		5	0.4	4	<0.2	<5		S GQC-3158		7	0.2	9	<0.2	5	
GQC-3119		4	0.3	3	<0.2	<5		S GQC-3159		6	0.2	8	<0.2	30	
GQC-3120		5	0.4	4	<0.2	<5		S GQC-3160		7	0.3	6	<0.2	<5	
GQC-3121		6	0.4	3	<0.2	<5		S GQC-3161		6	0.2	6	<0.2	<5	





1e ECHO III GRID  
SOIL SAMPLE RESULTS

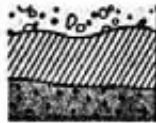


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PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	As PPM	Sb PPM	As PPM	Au PPB	NOTES	SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	As PPM	Sb PPM	As PPM	Au PPB	NOTES
S GC-3492		8	0.4	<0.2	5	<5		S GC-3532		11	0.5	0.2	11	<5	
S GC-3493		7	0.3	<0.2	4	20		S GC-3533		6	0.4	<0.2	6	<5	
S GC-3494		7	0.3	0.2	3	<5		S GC-3534		7	0.4	0.2	7	5	
S GC-3495		6	0.2	0.2	4	5		S GC-3535		4	0.2	<0.2	6	5	
S GC-3496		7	0.2	<0.2	5	<5		S GC-3536		6	0.4	<0.2	8	<5	
S GC-3497		7	<0.2	0.2	4	5		S GC-3537		7	0.4	<0.2	9	10	
S GC-3498		7	0.2	<0.2	4	<5		S GC-3538		4	0.2	<0.2	3	<5	
S GC-3499		7	0.2	0.2	5	5		S GC-3539		4	0.3	<0.2	<2	<5	
S GC-3500		7	0.3	<0.2	4	10		S GC-3540		4	0.4	<0.2	3	5	
S GC-3501		7	0.2	0.2	<2	50		S GC-3541		3	0.2	<0.2	3	<5	
S GC-3502		6	0.2	0.2	2	<5		S GC-3542		7	<0.2	<0.2	4	<5	
S GC-3503		9	0.2	<0.2	2	<5		S GC-3543		7	<0.2	<0.2	5	<5	
S GC-3504		8	0.3	<0.2	<2	<5		S GC-3544		8	<0.2	<0.2	5	10	
S GC-3505		6	0.2	<0.2	2	<5		S GC-3545		10	<0.2	<0.2	5	15	
S GC-3506		7	<0.2	<0.2	2	<5		S GC-3546		10	<0.2	<0.2	4	<5	
S GC-3507		8	<0.2	<0.2	<2	<5		S GC-3547		8	<0.2	<0.2	4	20	
S GC-3508		5	<0.2	<0.2	<2	5		S GC-3548		9	<0.2	<0.2	3	<5	
S GC-3509		6	0.3	<0.2	<2	5		S GC-3549		10	0.2	0.2	5	5	
S GC-3510		7	0.2	<0.2	2	5		S GC-3550		11	0.2	<0.2	5	<5	
S GC-3511		7	<0.2	<0.2	3	<5		S GC-3551		9	0.2	<0.2	5	<5	
S GC-3512		9	<0.2	<0.2	4	<5		S GC-3552		3	0.2	<0.2	3	5	
S GC-3513		8	<0.2	<0.2	3	30		S GC-3553		2	0.2	<0.2	4	5	
S GC-3514		7	<0.2	<0.2	3	<5		S GC-3554		5	0.3	<0.2	5	5	
S GC-3515		7	<0.2	<0.2	4	<5		S GC-3555		7	0.3	<0.2	5	10	
S GC-3516		9	<0.2	<0.2	4	<5		S GC-3556		7	0.2	<0.2	5	5	
S GC-3517		11	<0.2	<0.2	5	<5		S GC-3557		7	0.4	<0.2	6	10	
S GC-3518		12	<0.2	<0.2	4	<5		S GC-3558		7	0.7	<0.2	7	15	
S GC-3519		11	0.2	0.2	5	<5		S GC-3559		7	0.6	<0.2	8	5	
S GC-3520		10	<0.2	0.2	4	5		S GC-3560		7	0.3	<0.2	9	10	
S GC-3521		7	<0.2	0.2	4	10		S GC-3561		9	0.6	<0.2	12	10	
S GC-3522		7	<0.2	0.2	4	10		S GC-3562		8	0.5	<0.2	11	10	
S GC-3523		8	<0.2	0.2	5	10		S GC-3563		6	0.4	<0.2	7	5	
S GC-3524		10	0.2	0.2	5	5		S GC-3564		6	0.4	<0.2	10	<5	
S GC-3525		7	0.2	0.2	5	10		S GC-3565		7	0.4	<0.2	7	10	
S GC-3526		7	0.4	0.2	3	5		S GC-3566		9	0.4	<0.2	4	<5	
S GC-3527		8	0.3	0.2	4	<5		S GC-3567		8	0.3	<0.2	4	<5	
S GC-3528		7	0.3	<0.2	4	<5		S GC-3568		7	0.3	<0.2	3	<5	
S GC-3529		5	0.3	0.2	4	<5		S GC-3569		6	0.2	<0.2	6	15	
S GC-3530		6	0.4	<0.2	6	<5		S GC-3570		8	<0.2	<0.2	5	10	
S GC-3531		11	0.6	<0.2	10	10		S GC-3571		7	0.2	0.2	5	<5	



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PROJECT: GG/EHR

PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	As PPM	Sb PPM	As PPM	Au PPB	NOTES	SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	As PPM	Sb PPM	As PPM	Au PPB	NOTES
GQC-3572		7	0.2	<0.2	5	<5		S GQC-3614		5	<0.2	<0.2	16	15	
GQC-3573		6	0.2	<0.2	4	10		S GQC-3615		4	0.2	<0.2	12	30	
GQC-3574		7	0.2	<0.2	4	<5		S GQC-3616		2	0.3	<0.2	11	10	
GQC-3575		8	<0.2	<0.2	4	<5		S GQC-3617		5	0.4	<0.2	15	<5	
GQC-3576		9	0.2	0.2	5	5		S GQC-3618		6	0.4	<0.2	28	5	
GQC-3577		11	0.2	0.2	5	<5		S GQC-3619		11	0.4	<0.2	60	15	
GQC-3578		10	0.2	<0.2	5	<5		S GQC-3620		16	0.5	0.2	95	35	
GQC-3579		9	0.2	<0.2	4	<5		S GQC-3621		15	0.5	<0.2	145	705	
GQC-3580		8	0.3	<0.2	6	5		S GQC-3622		10	0.5	<0.2	100	80	
GQC-3581		8	0.3	<0.2	5	5		S GQC-3623		7	0.4	<0.2	6	5	
GQC-3582		6	<0.2	<0.2	5	<5		S GQC-3624		20	0.4	<0.2	62	5	
GQC-3583		5	0.2	<0.2	5	<5		S GQC-3625		26	0.6	0.2	180	10	
GQC-3584		3	0.3	<0.2	5	<5		S GQC-3626		17	0.4	<0.2	160	1390	
GQC-3585		5	0.3	<0.2	4	<5		S GQC-3627		11	0.3	<0.2	62	15	
GQC-3586		5	0.2	<0.2	5	5		S GQC-3628		7	0.3	<0.2	5	<5	
GQC-3587		3	0.2	<0.2	5	<5		S GQC-3629		4	0.2	<0.2	4	10	
GQC-3588		5	0.3	<0.2	8	5		S GQC-3630		4	<0.2	<0.2	4	<5	
GQC-3589		8	0.4	<0.2	12	5		S GQC-3631		8	0.2	0.2	6	5	
GQC-3590		8	0.3	<0.2	10	50		S GQC-3632		12	<0.2	<0.2	5	<5	
GQC-3591		9	0.4	<0.2	11	5		S GQC-3633		7	0.2	<0.2	5	185	
GQC-3592		11	0.5	<0.2	13	25		S GQC-3634		6	0.2	<0.2	7	10	
GQC-3593		10	0.6	<0.2	10	15		S GQC-3635		7	<0.2	<0.2	6	10	
GQC-3594		7	0.5	<0.2	8	<5		S GQC-3636		7	<0.2	<0.2	5	10	
GQC-3595		8	0.2	<0.2	6	5		S GQC-3637		8	<0.2	<0.2	6	10	
GQC-3596		10	0.4	<0.2	31	<5		S GQC-3638		8	<0.2	<0.2	6	10	
GQC-3597		13	0.5	<0.2	62	5		S GQC-3639		7	0.2	<0.2	5	<5	
GQC-3598		6	0.4	0.2	4	<5		S GQC-3640		7	0.2	<0.2	9	<5	
GQC-3599		7	0.3	<0.2	4	<5		S GQC-3641		7	0.2	<0.2	27	5	
GQC-3600		4	0.3	<0.2	3	10		S GQC-3642		10	0.2	0.2	41	30	
GQC-3601		3	0.3	<0.2	3	10		S GQC-3643		10	0.2	<0.2	63	25	
GQC-3602		6	0.2	<0.2	4	30		S GQC-3644		14	0.3	<0.2	52	35	
GQC-3603		5	0.2	<0.2	4	<5		S GQC-3645		13	0.4	<0.2	23	40	
GQC-3604		5	0.2	<0.2	5	<5		S GQC-3646		8	0.3	<0.2	11	50	
GQC-3605		6	0.2	<0.2	5	<5		S GQC-3647		7	0.3	<0.2	9	10	
GQC-3606		8	0.3	<0.2	5	<5		S GQC-3648		11	0.2	<0.2	18	10	
GQC-3607		8	0.2	<0.2	5	5		S GQC-3649		11	0.3	0.2	11	10	
GQC-3610		4	<0.2	<0.2	5	<5		S GQC-3650		7	0.4	<0.2	7	5	
GQC-3611		7	0.2	0.2	5	5		S GQC-3651		7	0.5	<0.2	10	15	
GQC-3612		7	0.3	<0.2	6	5		S GQC-3652		6	0.4	0.2	10	25	
GQC-3613		4	0.2	<0.2	10	10		S GQC-3653		6	0.4	<0.2	23	20	



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PROJECT: GQ/EHB PAGE 3

SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	As PPM	Sb PPM	As PPM	Au PPB	NOTES
R GQC-3654		7	0.5	<0.2	36	140	
GQC-3655		6	0.4	<0.2	37	55	
GQC-3656		6	0.6	<0.2	24	20	
S GQC-3657		9	1.1	<0.2	30	20	

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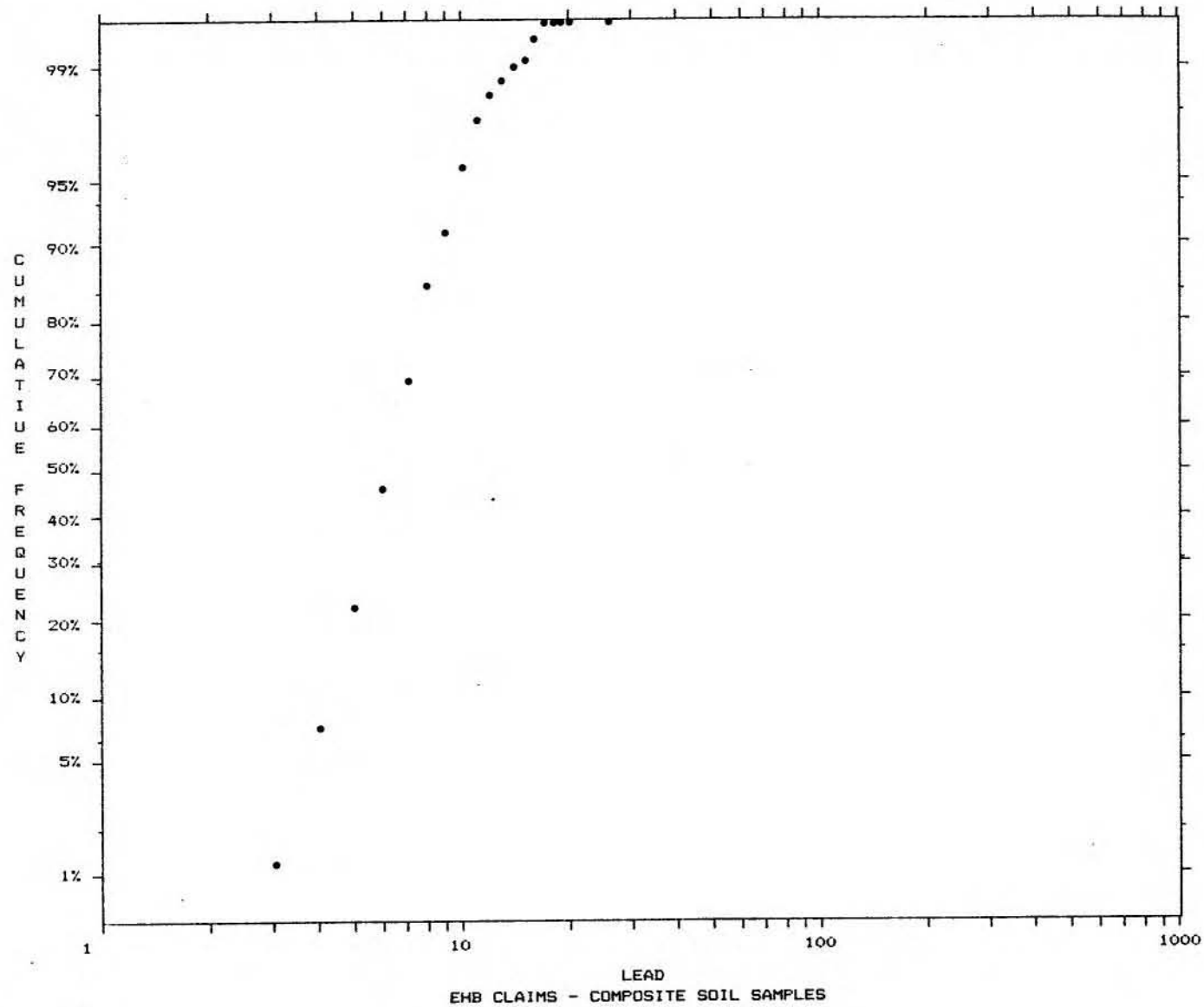
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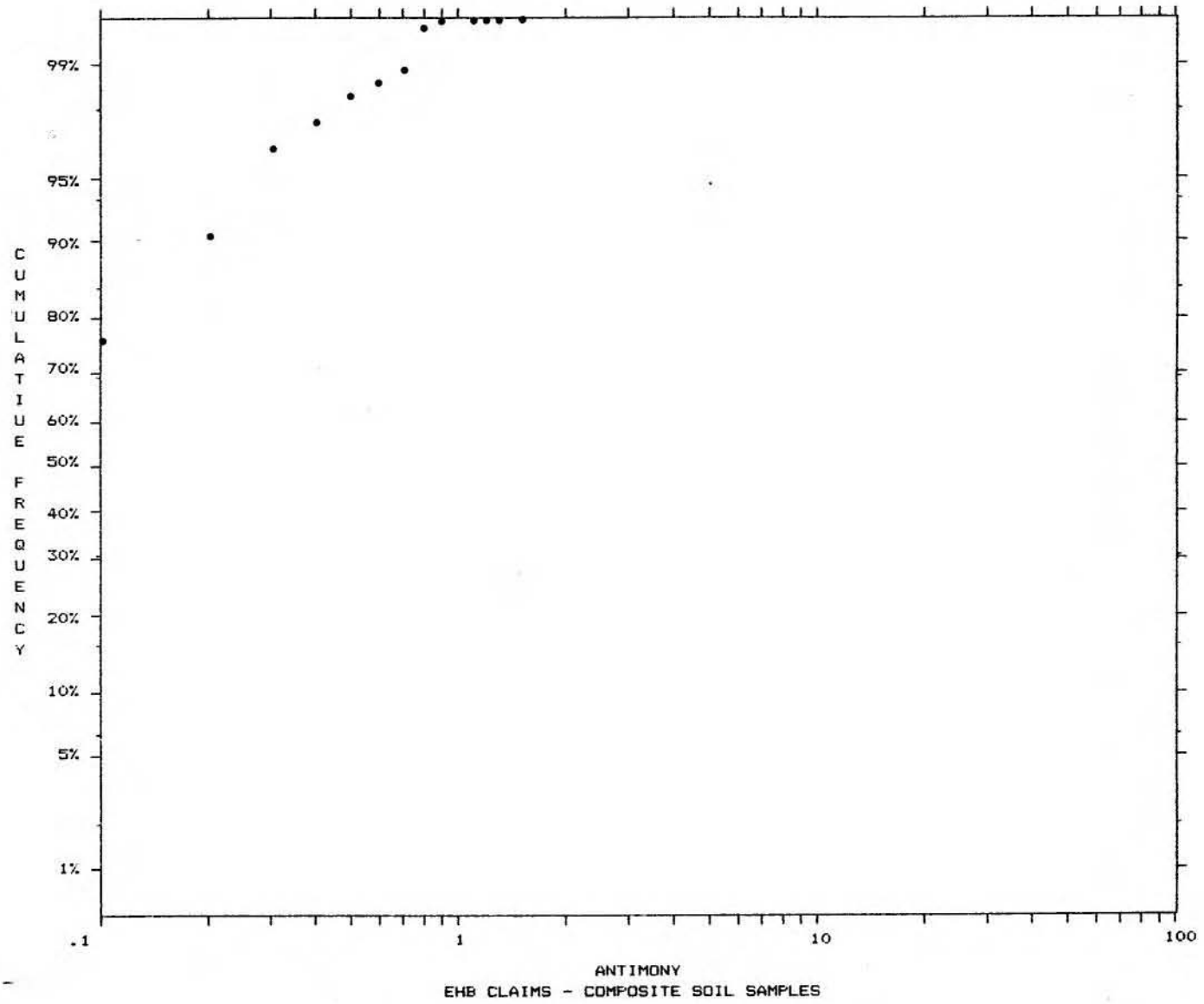
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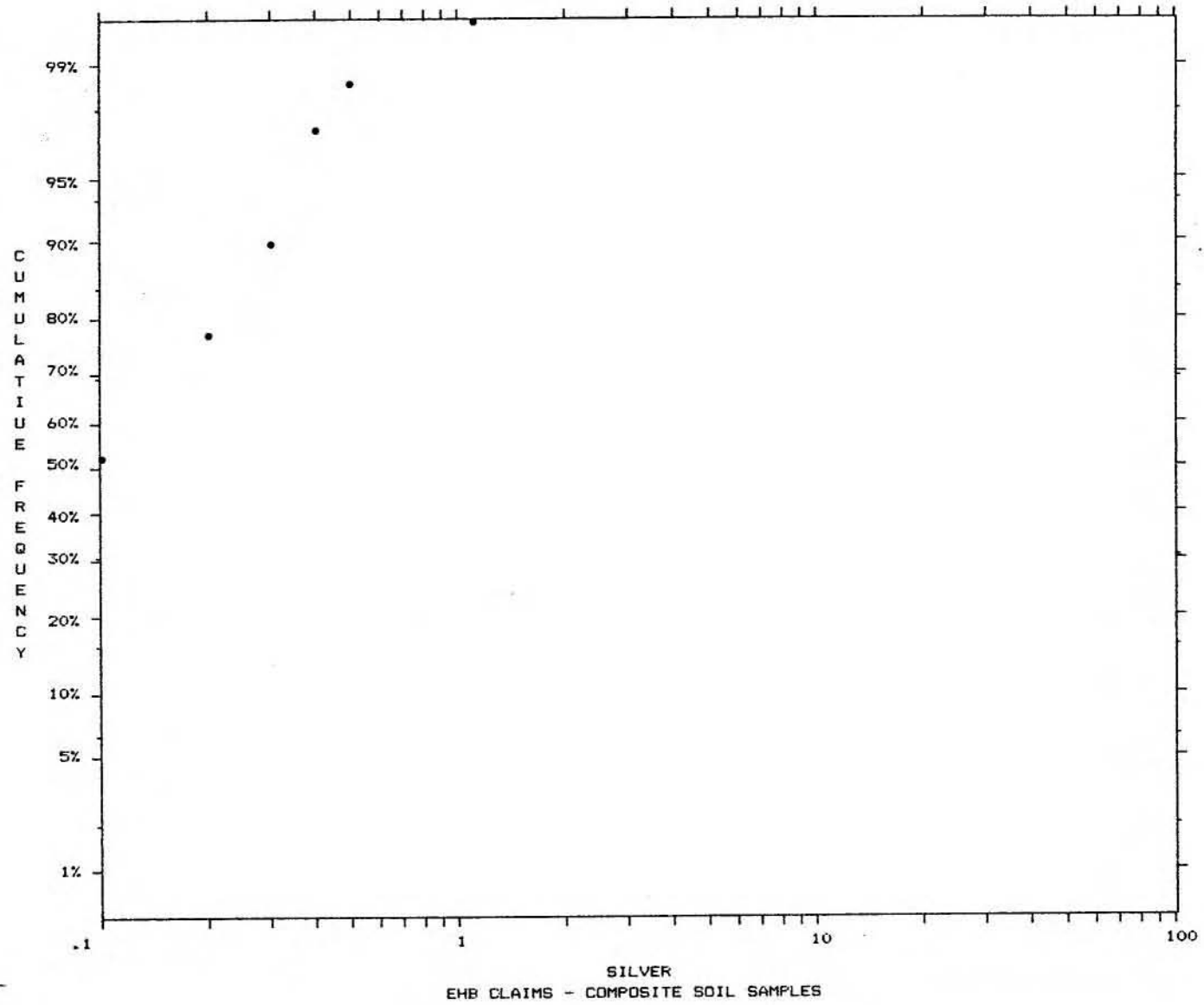
APPENDIX II  
Cumulative Curves for Analytical  
Data on Soil Samples

10204

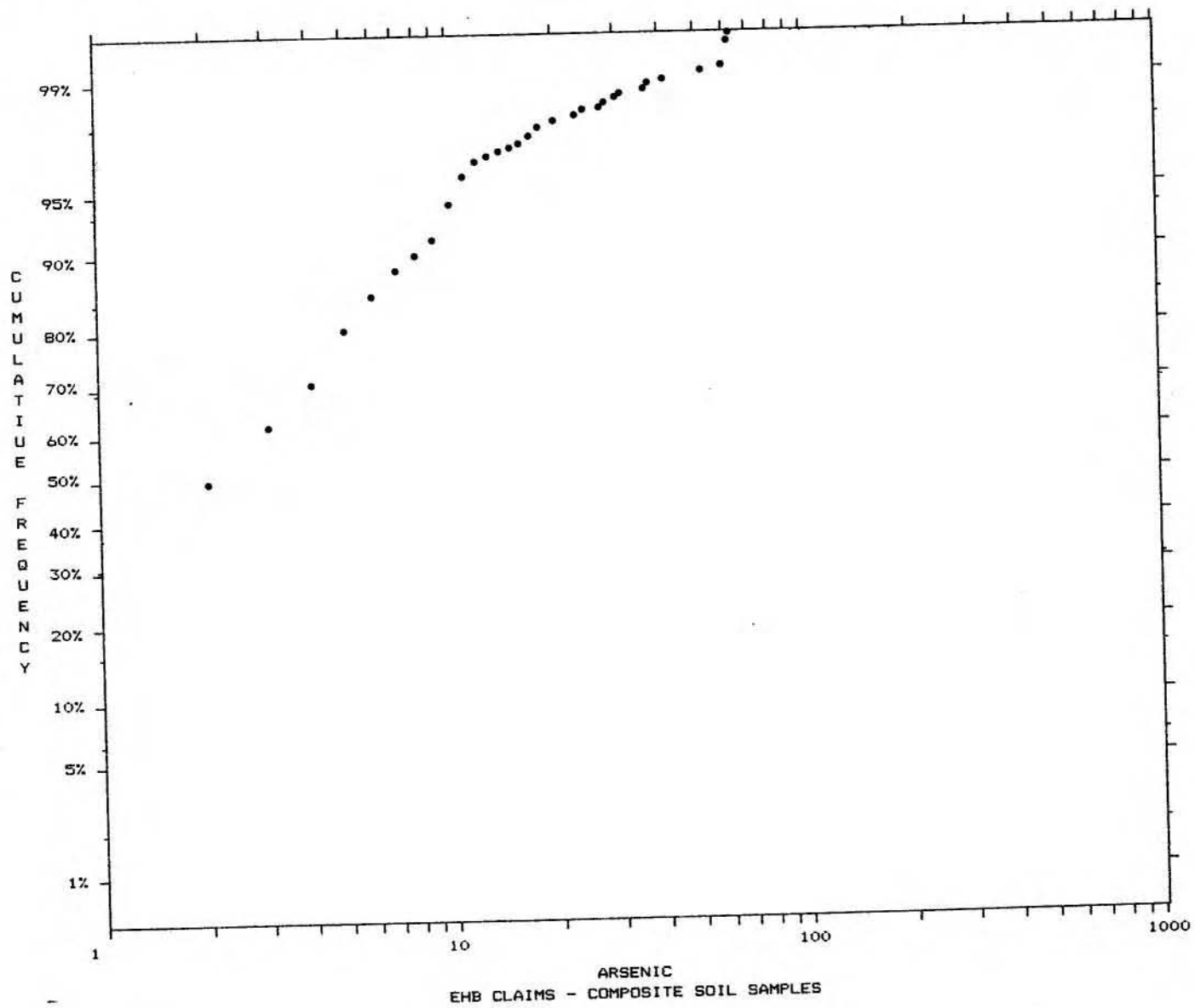




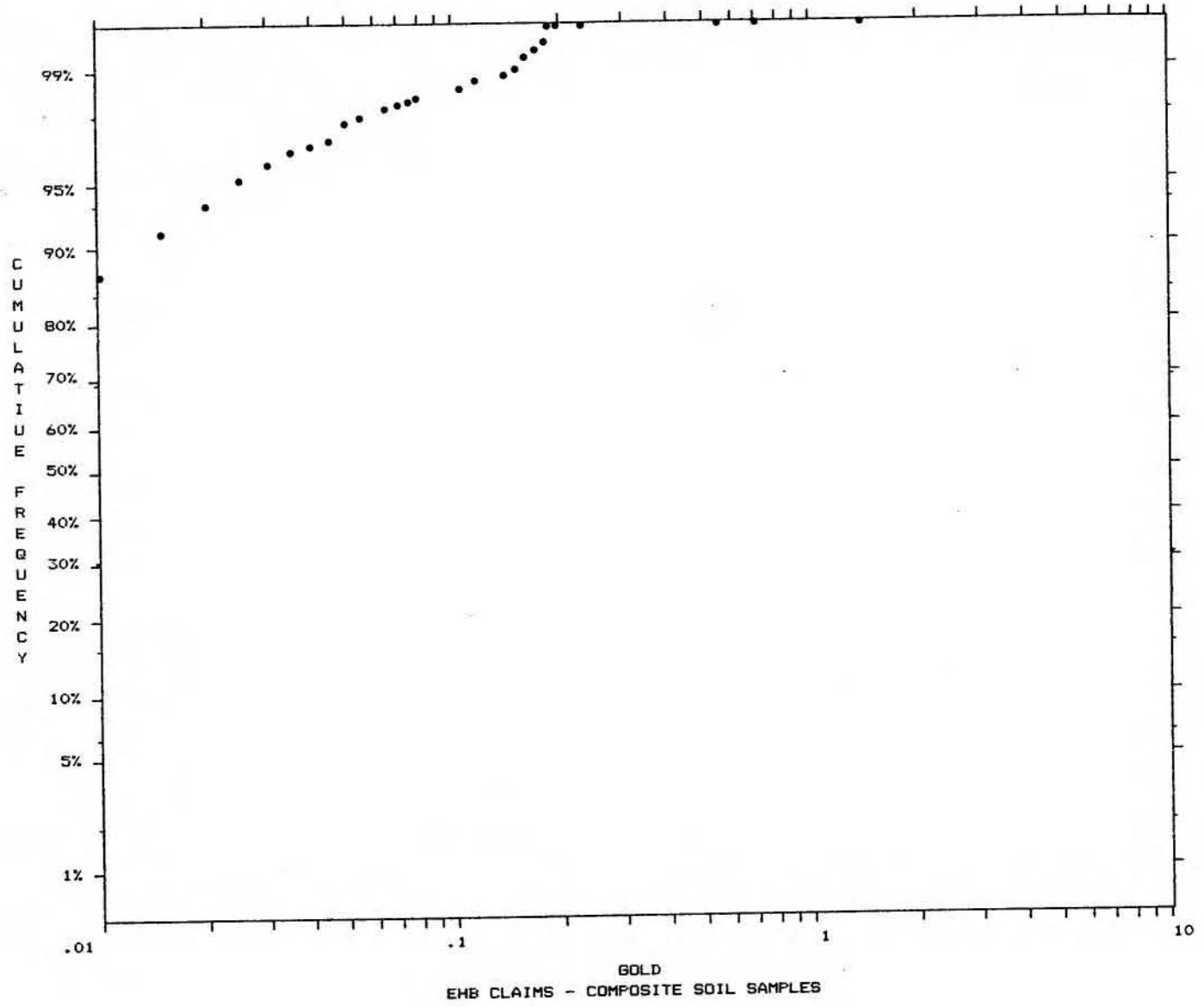




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APPENDIX III  
Statement of Qualifications

STATEMENT OF QUALIFICATIONS

I, Susanne L. Ridley, hereby certify that:

1. I am presently employed by MineQuest Exploration Associates Limited as a Geologist.
2. I am a graduate of the University of Western Ontario (B.Sc. Honours, Geology, 1983).
3. I have completed three field seasons in mineral exploration in western and northern Canada
4. The information, opinions and recommendations in this report are based on information acquired from reports, maps and data lists on file at MineQuest and from personal communication with project supervisors.

Signed:

Susanne L. Ridley  
Susanne L. Ridley

Dated at Vancouver, B.C. this

February 14, 1984

APPENDIX IV  
Cost Statement

COST STATEMENT - EHB  
(Echo, Hump, Bonneau, Moss)  
Oct. 1 to Nov. 30, 1983

PROFESSIONAL FEES

R.V. Longe	1.67 days at \$485.00	\$ 809.95	
P.D. McCarthy	1 day at \$300.00	300.00	
S.L. Ridley	4.38 days at \$225.00	985.50	\$ 2,095.45

TEMPORARY STAFF

David Coffin		83.60	
Lynn Grexton	6.50 days	461.34	
Jean Pautler	6.50 days	555.71	
Sue Ridley	1.71 days	117.78	
Casual Staff		12.75	
Contract Staff		6,425.00	
		7,656.18	
Wages Over-Ride at 50%		3,828.10	11,484.28

DISBURSEMENTS

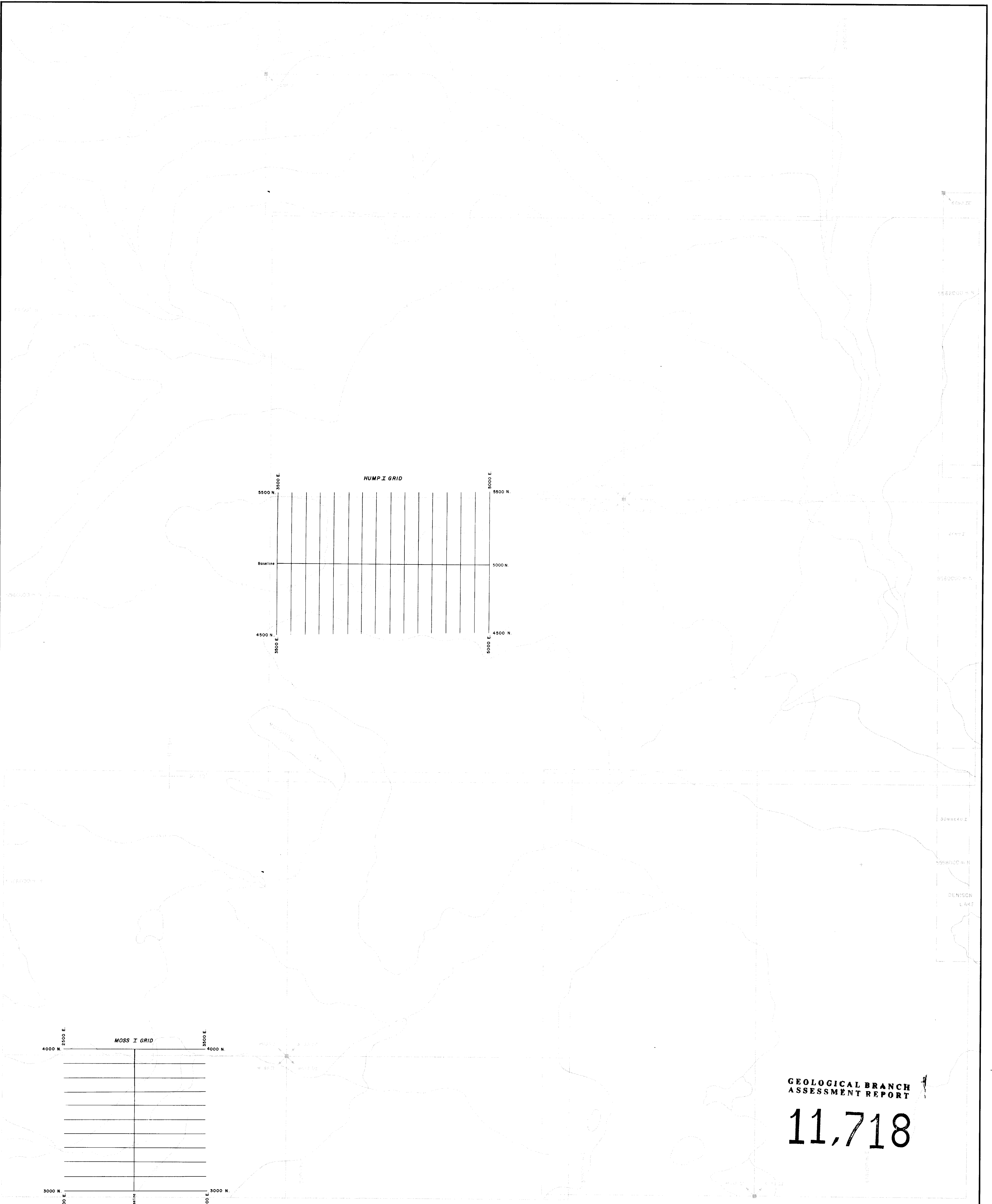
Contract Staff		(1,625.00)	
Air Fares - Scheduled		433.32	
Rental Vehicle		1,071.31	
Taxi, Parking, Fares		55.50	
Meals, Accommodation		306.80	
Freight		603.89	
Geochemistry-Sample Collection		19,153.00	
MO Equipment Charges		104.00	
Equipment Rentals		5.50	
Fuels & Lubricants - Vehicles		205.86	
Groceries, Kitchen Supplies		57.96	
Food & Accommodation In Field		1,653.47	
General Supplies		61.69	
Geochemical Analyses		24,612.47	
Telephone, Telegrams		50.28	
Courier, Postage, Air Express		41.34	
Drafting		1,173.00	
Reprographics		73.41	
Photocopy - In House		46.45	
Maps, Reports, Publications		8.28	
Drafting Supplies		278.50	
Computer Services		982.20	
Report Preparation		186.76	
		49,539.99	
Disbursement Over-Ride		4,954.00	54,493.99

REPORT PREPARATION

R.V. Longe	1 day at \$485.00	485.00	
S.L. Ridley	4 days at \$230.00	920.00	
Drafting & Reproduction		2,850.00	4,255.00

TOTAL

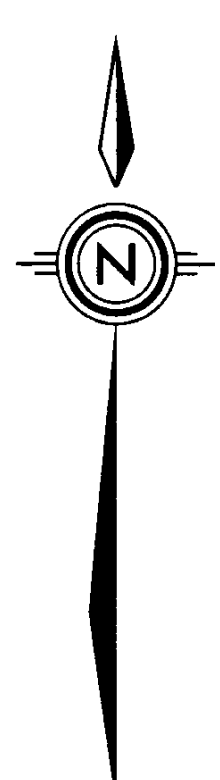
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GEOLOGICAL BRANCH  
ASSESSMENT REPORT

11,718

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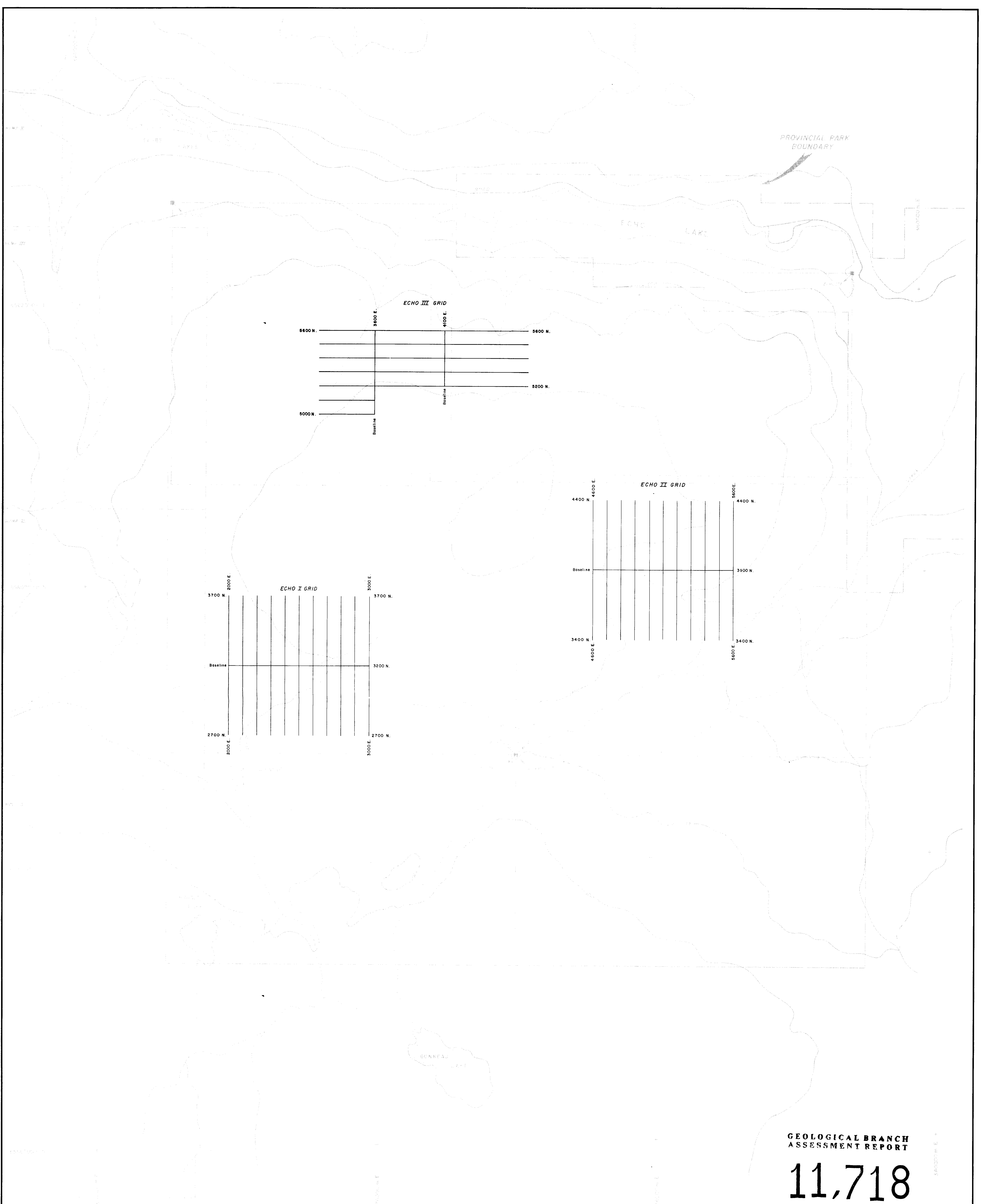


KEY

2a	2b
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GOLDQUEST I PARTNERSHIP			
CREIGHTON CREEK CLAIMS - WEST			
<b>GRID LOCATIONS</b>			
PLAN No. 508	DRAWN	DATE NOV. 1983	FIGURE <b>2a</b>
REVISED		N.T.S. 82 L / 2	
MINEQUEST EXPLORATION ASSOCIATES LTD.			





**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**11,718**

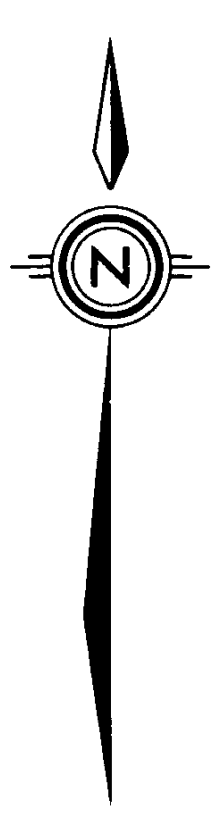
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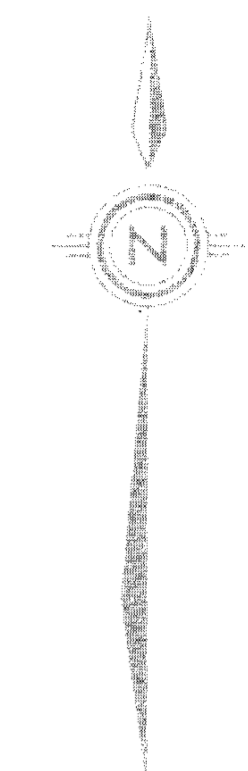
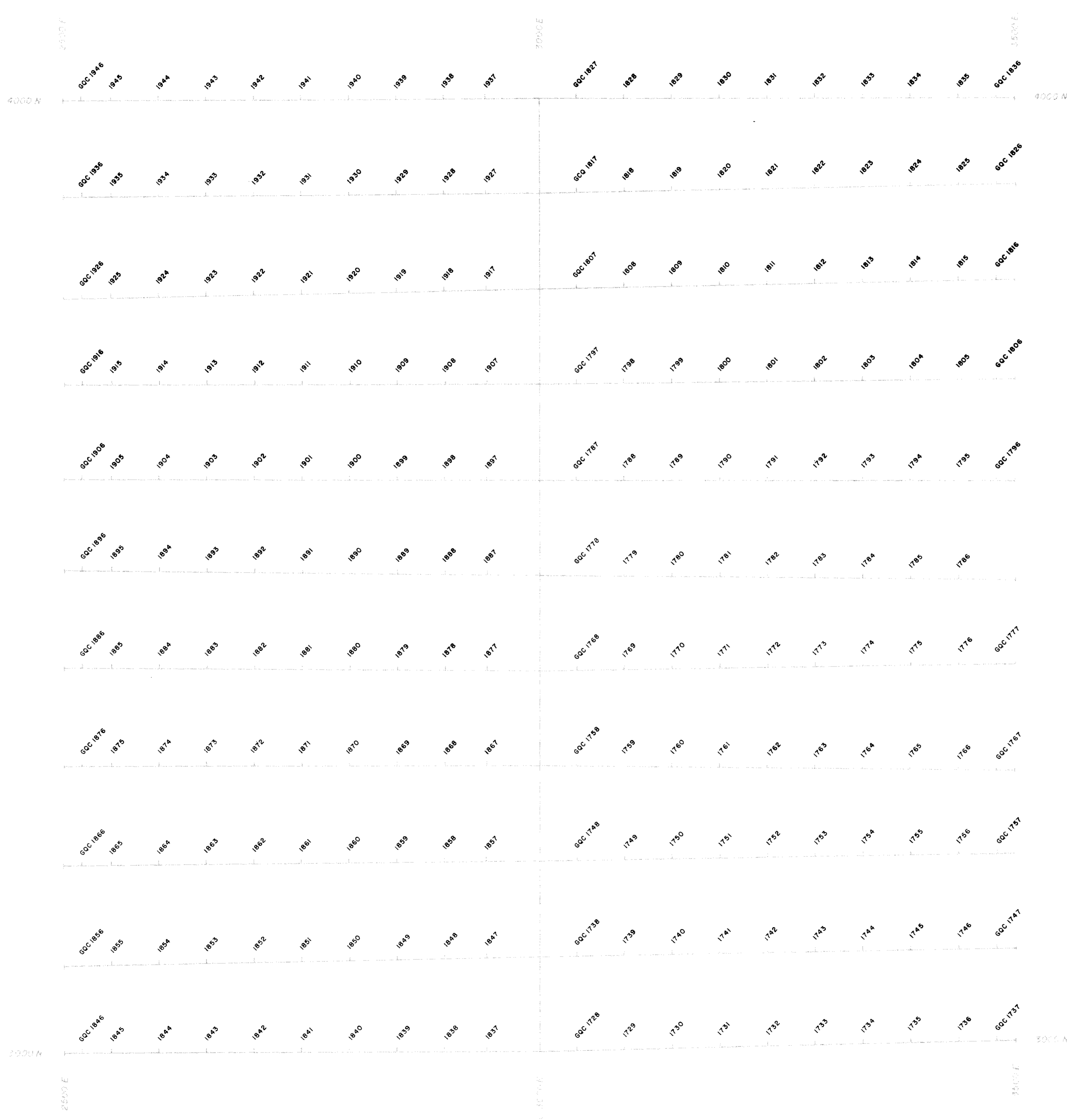


GOLDQUEST I PARTNERSHIP			
CREIGHTON CREEK CLAIMS - EAST			
<b>GRID LOCATIONS</b>			
PLAN No. 509	DRAWN	DATE NOV. 1983	FIGURE <b>2b</b>
REVISED		N.T.S. 82 L / 2	
MINEQUEST EXPLORATION ASSOCIATES LTD.			

**KEY**

2a	2b
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**LEGEND**

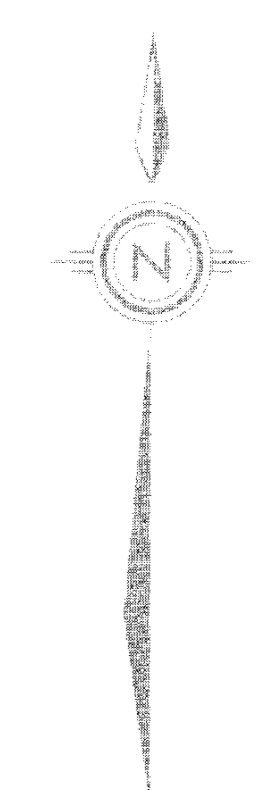
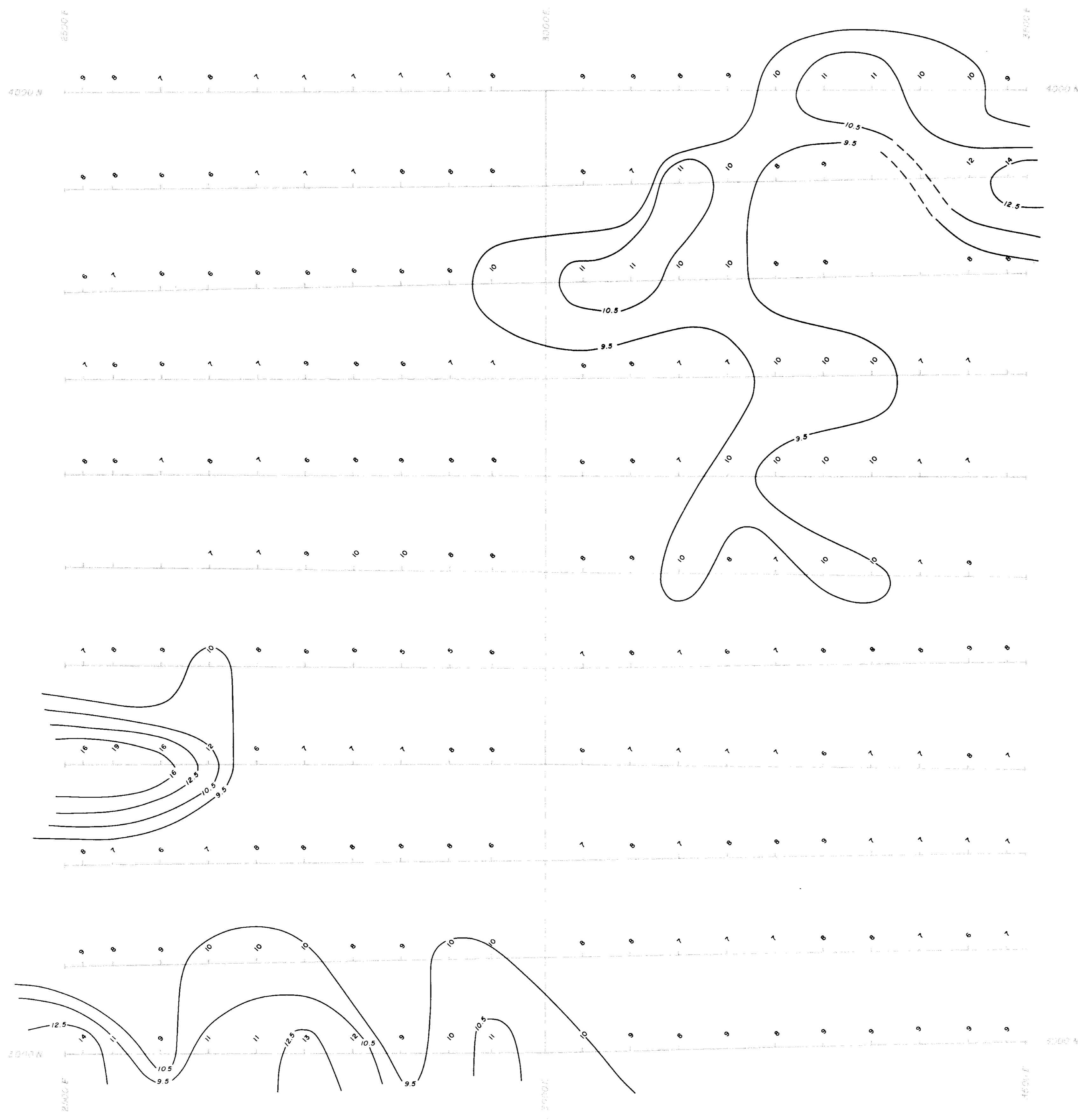

 Sample location & number

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**11,718**

SCALE 1:2500

GOLDQUEST I PARTNERSHIP			
CREIGHTON CREEK CLAIMS			
MOSS I GRID			
GEOCHEMISTRY			
<b>SAMPLE LOCATIONS</b>			
PLAN No. 536	DRAWN	DATE NOV. 1983	FIGURE 3a
Revised		N.T.S. 82 L / 2	
MINEQUEST EXPLORATION ASSOCIATES LTD.			



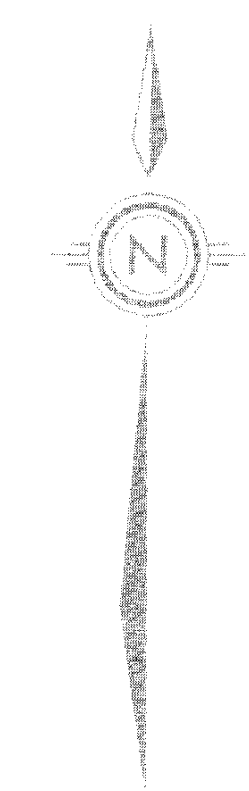
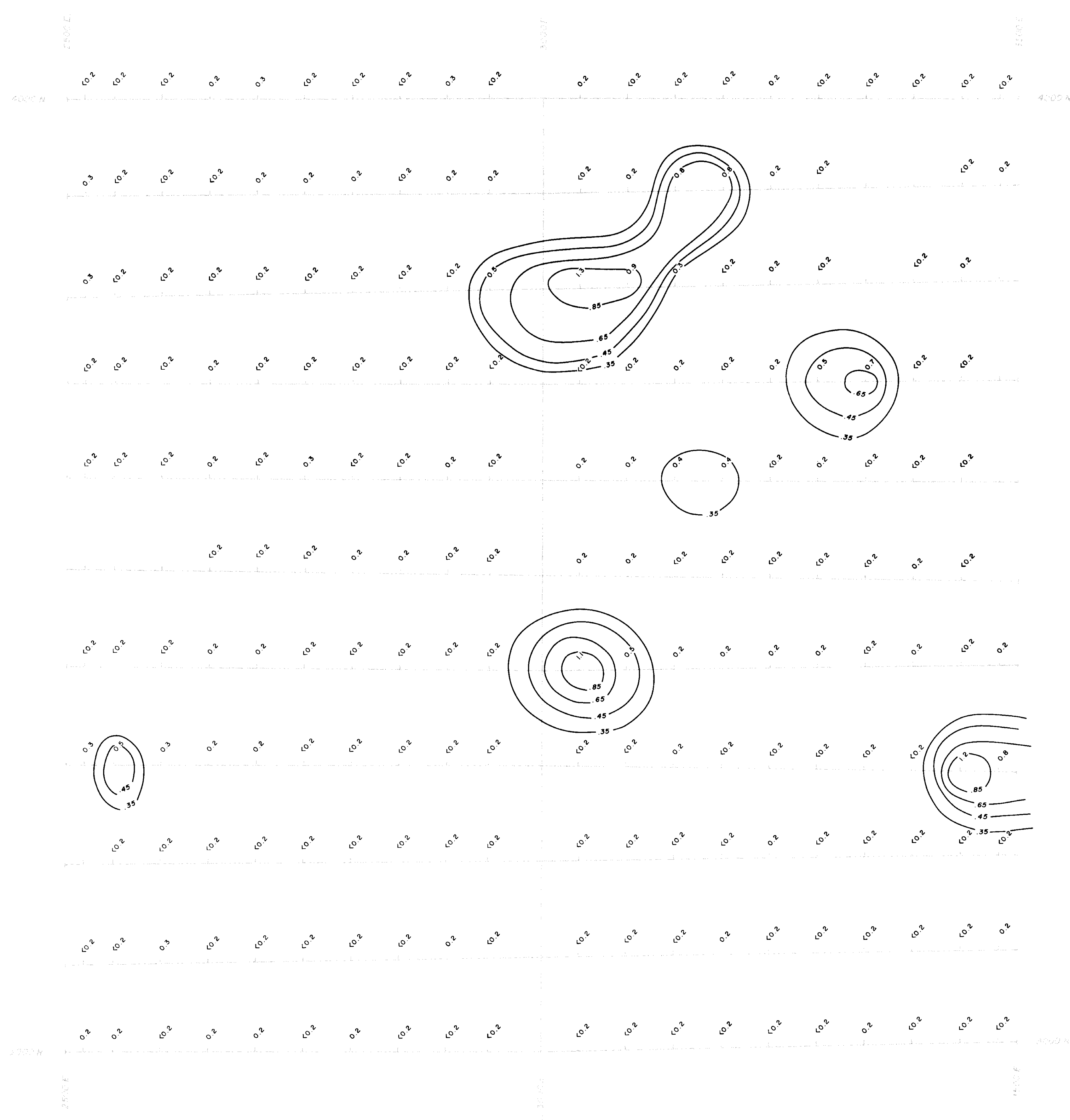
Contour Level ppm Pb  
 — 16 —  
 — 12.5 —  
 — 10.5 —  
 — 9.5 —

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SCALE 1:2500

GOLDFIELD PARTNERSHIP			
CREIGHTON CREEK CLAIMS			
MOSBY 1-3-80			
<b>GEOCHEMISTRY Pb CONTOURED</b>			
PLAN No. 610	DRAWN	DATE NOV. 1983	FIGURE 3b
Revised		N.T.S. 82 L / 2	
MINEQUEST EXPLORATION ASSOCIATES LTD.			



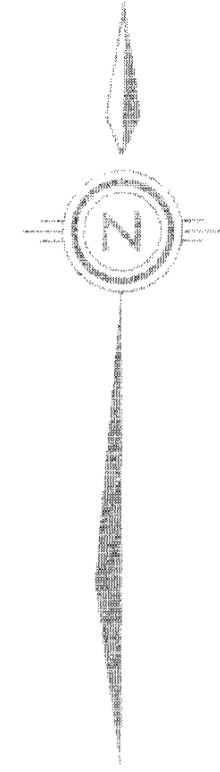
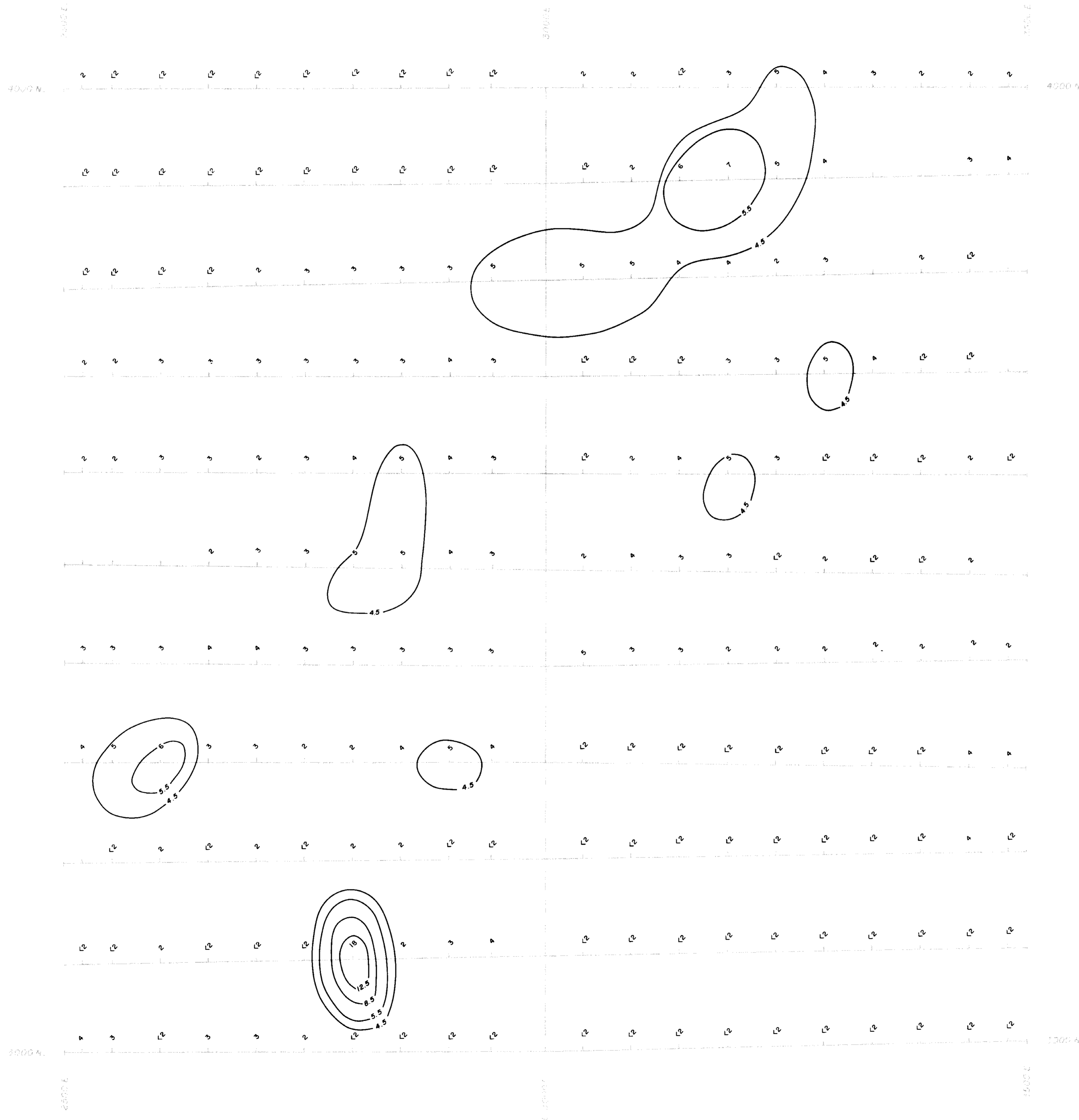
Contour Level ppm Sb  
 — .85 —  
 — .65 —  
 — .45 —  
 — .35 —

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SCALE 1:2500

BOLDQUEST I PARTNERSHIP			
CREIGTON CREEK CLAIMS			
MOSS I SHED			
<b>GEOCHEMISTRY Sb CONTOURED</b>			
PLAN No. 611	DRAWN	DATE NOV. 1983	FIGURE 3c
Revised		N.T.S. 82 L / 2	
MINEQUEST EXPLORATION ASSOCIATES LTD.			

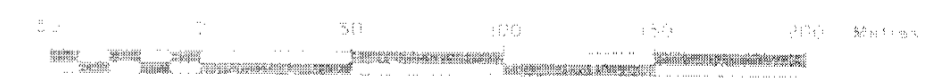


Contour Level ppm As  
 — 12.5 —  
 — 8.5 —  
 — 5.5 —  
 — 4.5 —

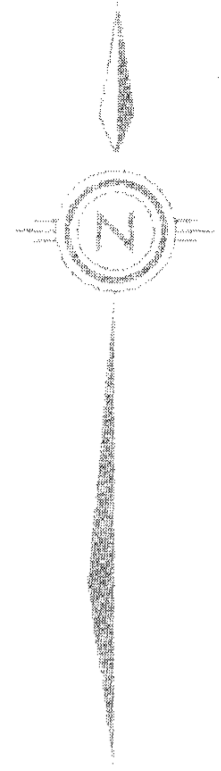
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SCALE 1:2500



GOLDQUEST I PARTNERSHIP			
CREIGTON CREEK CLAIMS			
MOSS J. GRID			
<b>GEOCHEMISTRY As CONTOURED</b>			
PLAN No. 613	DRAWN	DATE NOV. 1983	FIGURE 3d
Revised		N.T.S. 82L/2	
MINEQUEST EXPLORATION ASSOCIATES LTD.			



Contour Level ppb Au  
 — 48 —  
 — 24 —  
 — 12 —  
 — 6 —

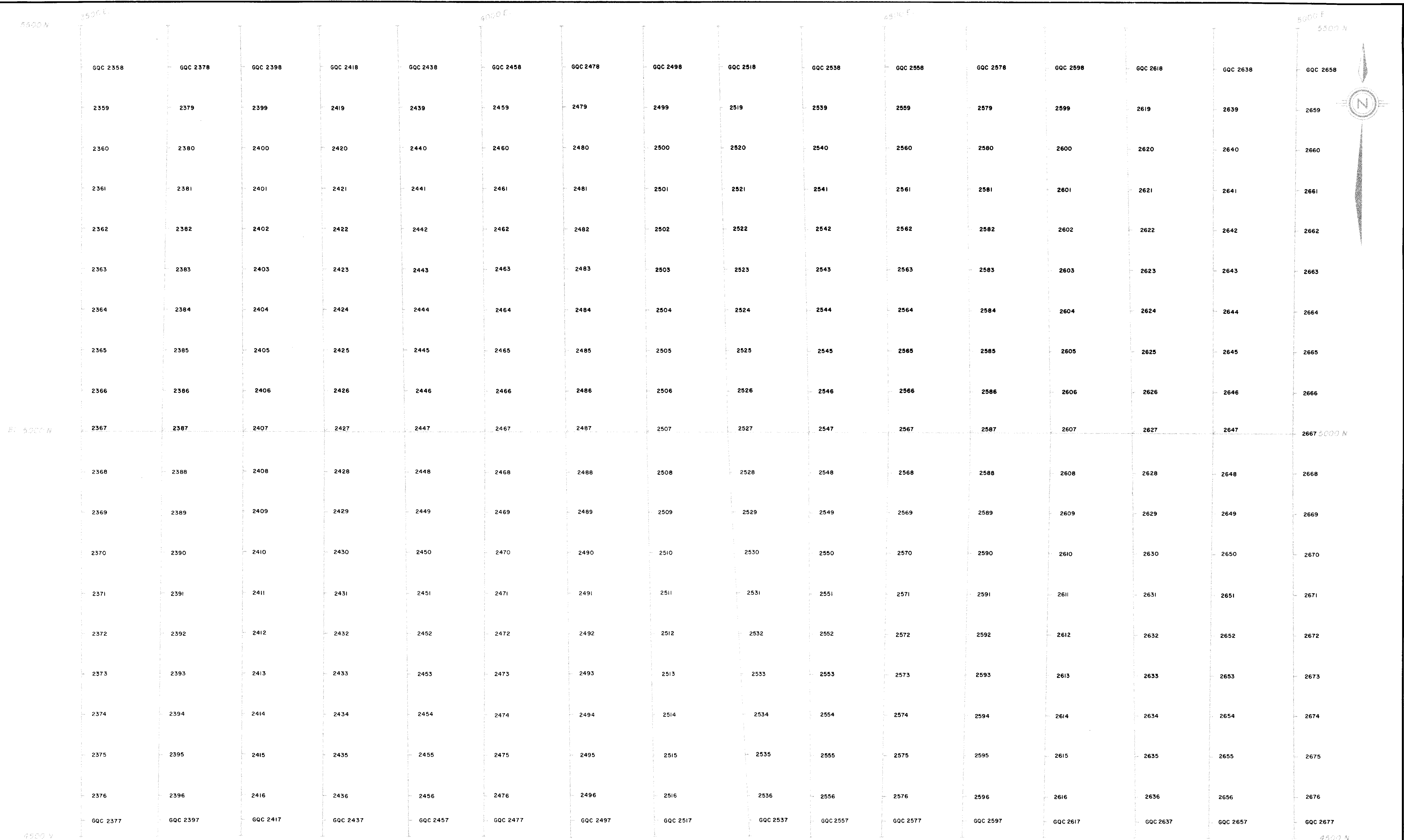
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SCALE 1:2500



GOLDQUEST I PARTNERSHIP			
CREIGTON CREEK CLAIMS			
MOSS I GRID			
GEOCHEMISTRY			
<b>Au CONTOURED</b>			
PLAN No. 614	DRAWN	DATE NOV. 1983	FIGURE 3e
Revised		N.T.S. 82L/2	
MINEQUEST EXPLORATION ASSOCIATES LTD.			



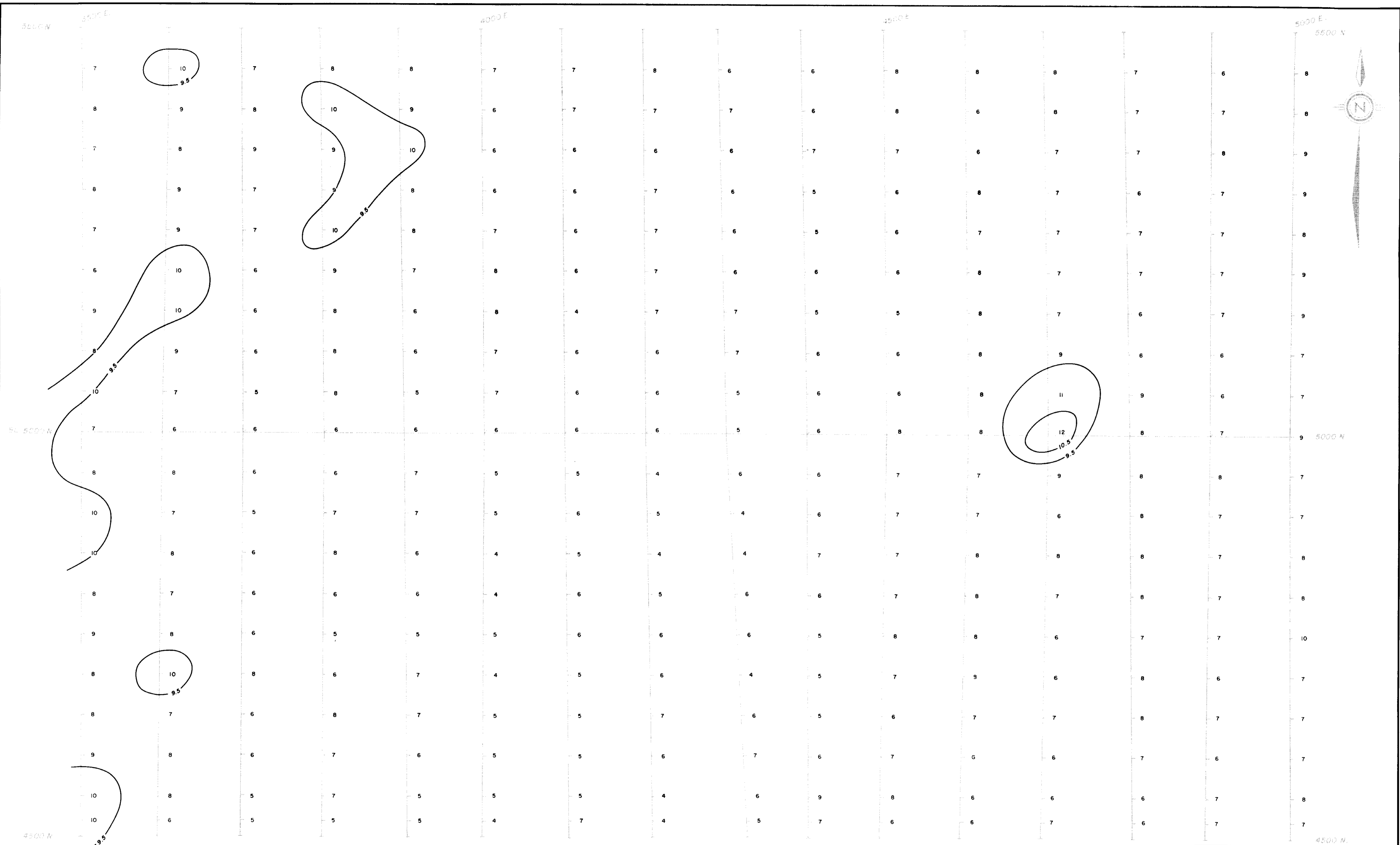
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GQC 2430 ..... Sample Location and Number

SCALE 1:2500

GOLDQUEST I PARTNERSHIP			
CREIGHTON CREEK CLAIMS			
HUMP I GRID			
GEOCHEMISTRY			
<b>SAMPLE LOCATIONS</b>			
PLAN No. 537	DRAWN	DATE NOV. 1983	FIGURE 4a
Revised		N.T.S. 82L/2	
MINEQUEST EXPLORATION ASSOCIATES LTD.			



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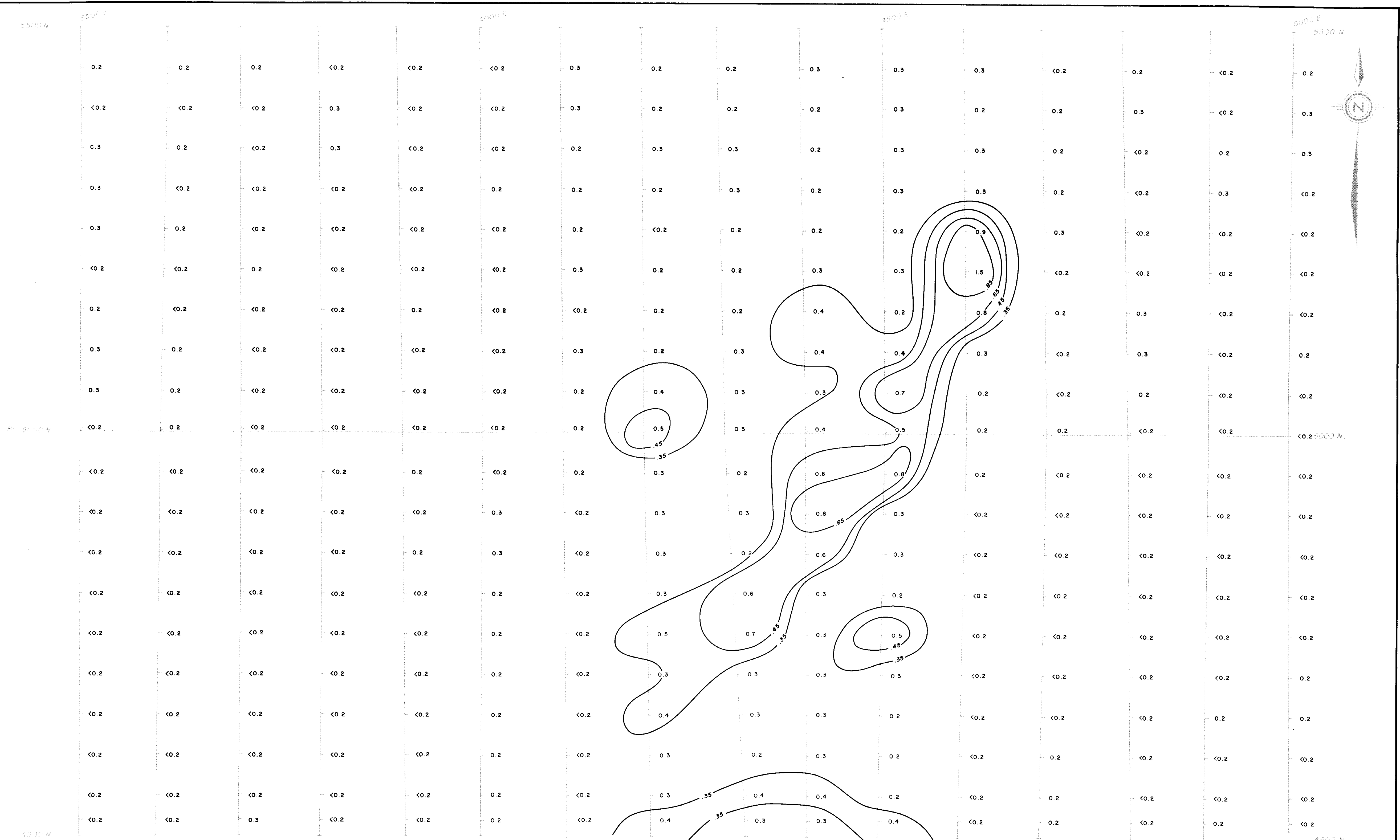
**11,718**

Contour Level ppm Pb  
 — 10.5 —  
 — 9.5 —

SCALE 1:2000

GOLDQUEST I PARTNERSHIP			
CREIGTON CREEK CLAIMS			
HUMP I GRID			
<b>GEOCHEMISTRY Pb CONTOURED</b>			
PLAN No. 615	DRAWN	DATE NOV. 1983	FIGURE 4b
Revised		N.T.S. 82 L / 2	
MINEQUEST EXPLORATION ASSOCIATES LTD.			





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Contour Level ppm Sb

- 85 —
- 65 —
- 45 —
- 35 —

SCALE 1:2500

GOLDBQUEST I PARTNERSHIP			
CREIGHTON CREEK CLAIMS			
HUMP I GRID			
<b>GEOCHEMISTRY</b>			
<b>Sb CONTOURED</b>			
PLAN No. 616	DRAWN	DATE NOV. 1983	FIGURE 4c
Revised		N.T.S. 82 L / 2	
MINEQUEST EXPLORATION ASSOCIATES LTD.			



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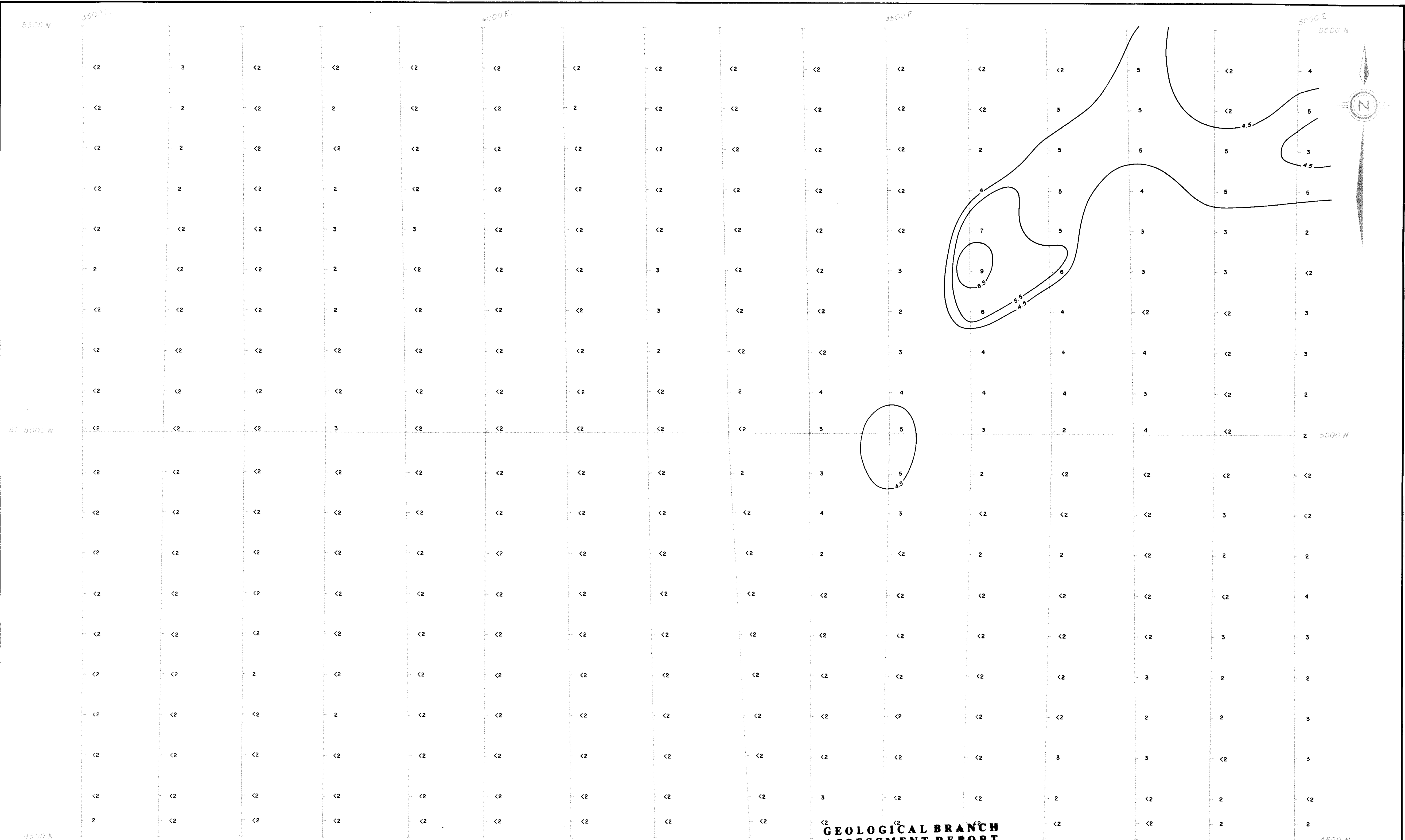
**11,718**

Contour Level ppm Ag  
 — 0.4 —  
 — 0.3 —

Note: Blank values are 0.2 ppm Ag or less

SCALE 1:2500

GOLDQUEST I PARTNERSHIP			
CREIGHTON CREEK CLAIMS			
HUMP I GRID			
<b>GEOCHEMISTRY</b>			
<b>Ag CONTOURED</b>			
PLAN No. 612	DRAWN	DATE NOV. 1983	FIGURE
Revised		N.T.S. 82L/2	<b>4d</b>
MINEQUEST EXPLORATION ASSOCIATES LTD.			



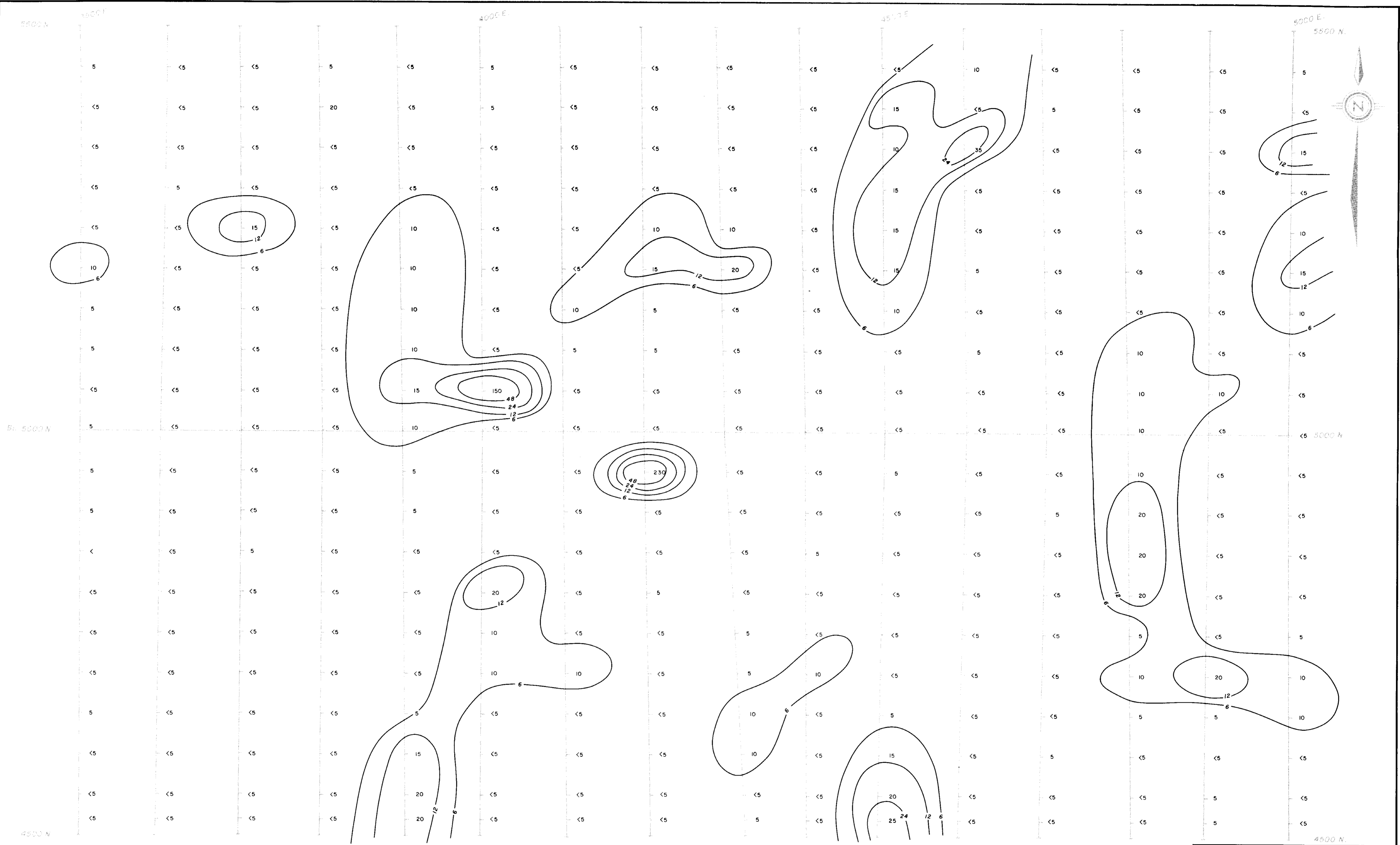
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Contour Level ppm As  
 — 6.5 —  
 — 5.5 —  
 — 4.5 —

SCALE 1:2500

GOLDQUEST I PARTNERSHIP			
CREIGHTON CREEK CLAIMS			
HUMF I GRID			
GEOCHEMISTRY			
<b>As CONTOURED</b>			
PLAN No. 617	DRAWN	DATE NOV. 1983	FIGURE
Revised		N.T.S. 82L/2	<b>4e</b>
MINEQUEST EXPLORATION ASSOCIATES LTD.			



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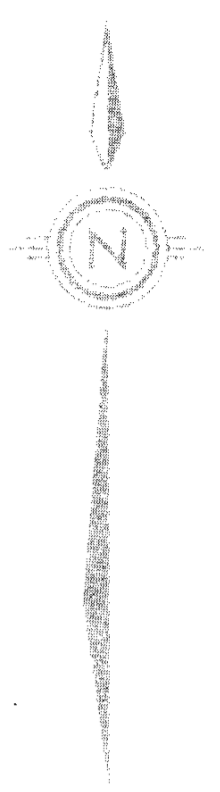
**11,718**

Contour Level ppb Au

- 48 —
- 24 —
- 12 —
- 6 —

SCALE 1:2500

GOLDQUEST I PARTNERSHIP			
CREIGTON CREEK CLAIMS			
HUMP I GRID			
<b>GEOCHEMISTRY</b>			
<b>Au CONTOURED</b>			
PLAN No. 618	DRAWN	DATE NOV. 1983	FIGURE 4f
Revised		N.T.S. 82L/2	
MINEQUEST EXPLORATION ASSOCIATES LTD.			



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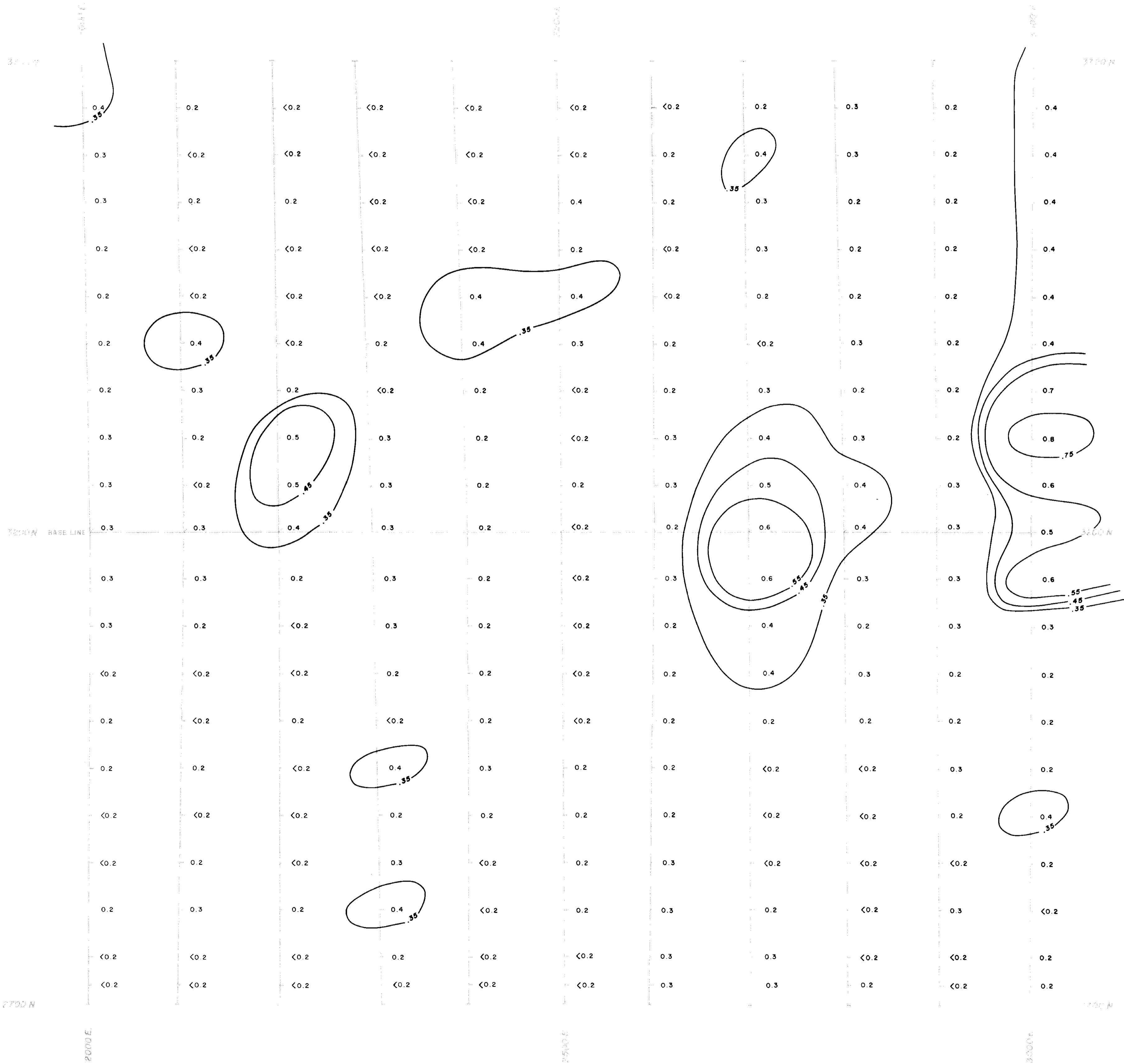
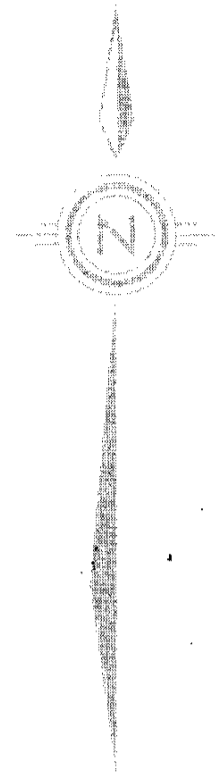
**11,718**

**LEGEND**

GQC 2990 ..... Sample location & number

GOLDQUEST I PARTNERSHIP			
CREIGHTON CREEK CLAIMS			
ECHO I GRID			
<b>GEOCHEMISTRY</b>			
<b>SAMPLE LOCATIONS</b>			
PLAN No. 538	DRAWN	DATE NOV. 1983	FIGURE
Revised		N.T.S. 82L / 2	<b>5a</b>
MINEQUEST EXPLORATION ASSOCIATES LTD.			

SCALE 1:2500

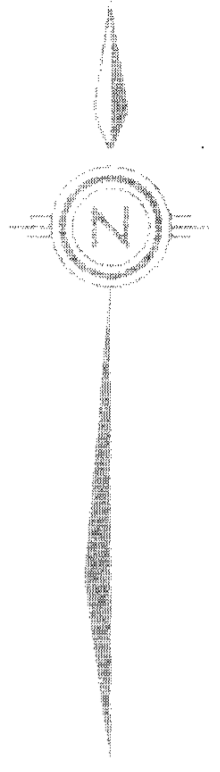
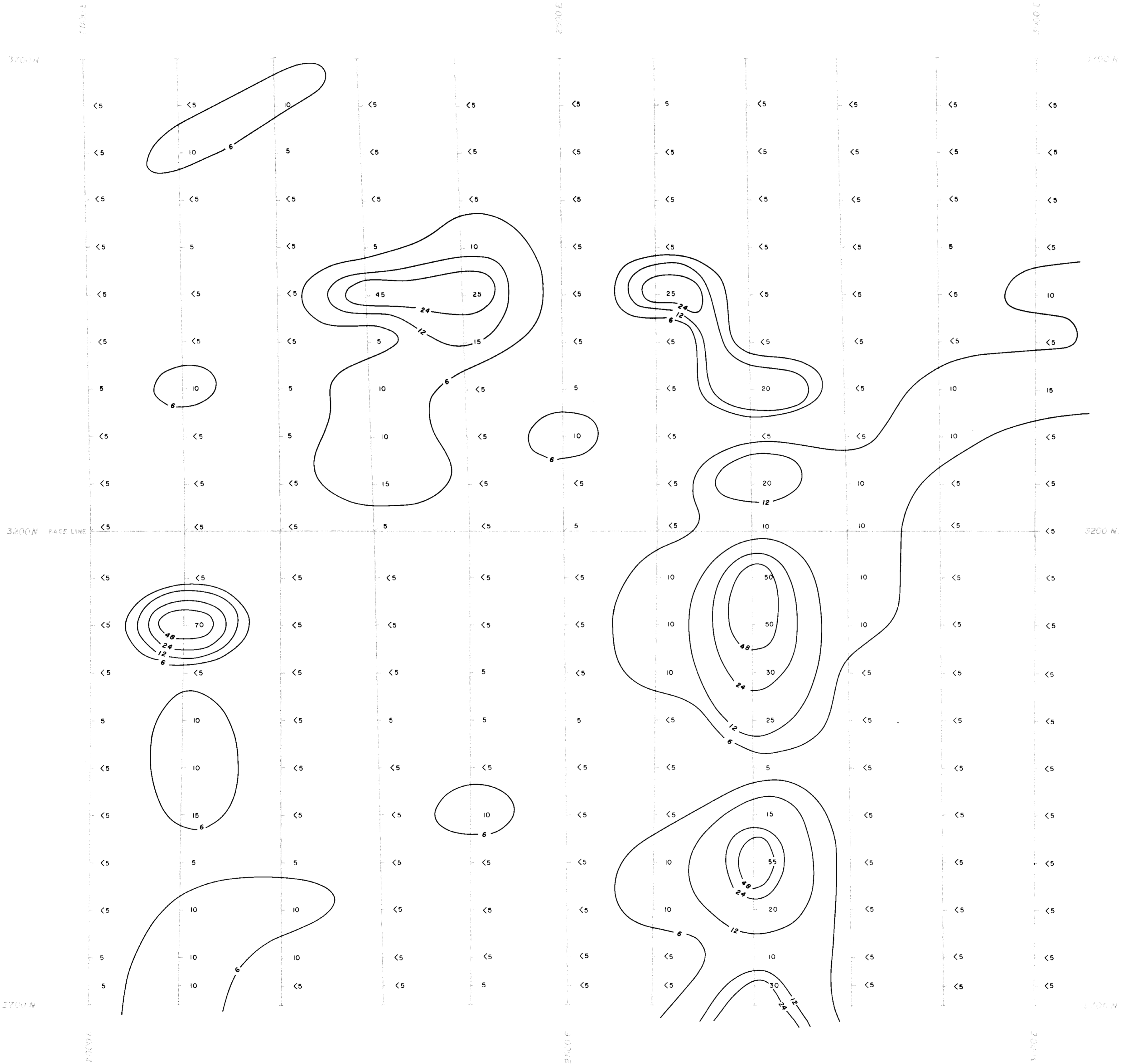


Contour Level ppm Ag  
— .75 —  
— .55 —  
— .45 —  
— .35 —

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GOLDQUEST I PARTNERSHIP			
CREIGTON CREEK CLAIMS			
ECHO I GRID			
<b>GEOCHEMISTRY Ag CONTOURED</b>			
PLAN No. 619	DRAWN	DATE NOV. 1983	FIGURE
Revised		N.T.S. 82L / 2	<b>5b</b>
MINEQUEST EXPLORATION ASSOCIATES LTD.			



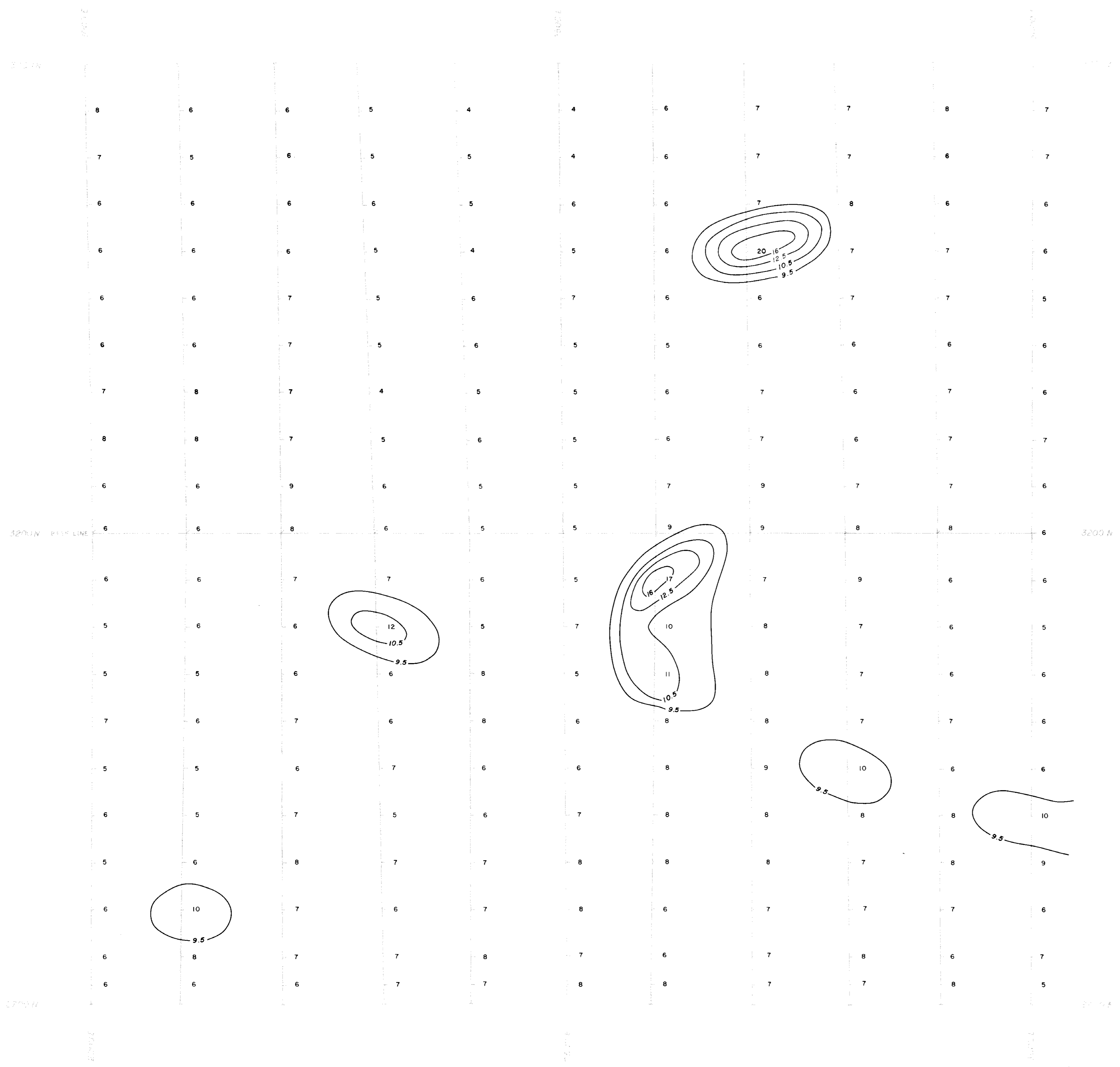
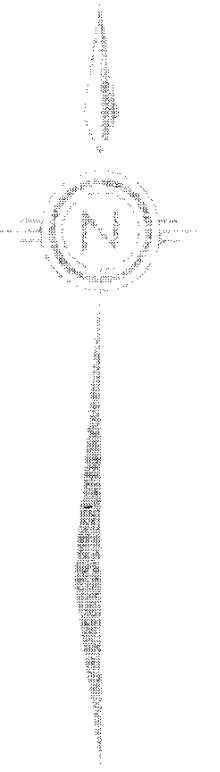
Contour Level ppb Au  
 — 48 —  
 — 24 —  
 — 12 —  
 — 6 —

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GOLDQUEST I PARTNERSHIP			
CREIGHTON CREEK CLAIMS			
ECHO I GRID			
<b>GEOCHEMISTRY    Au CONTOURED</b>			
PLAN No. 620	DRAWN	DATE NOV. 1983	FIGURE 5c
Revised		N.T.S. 82 L / 2	
MINEQUEST EXPLORATION ASSOCIATES LTD.			

SCALE 1:2500



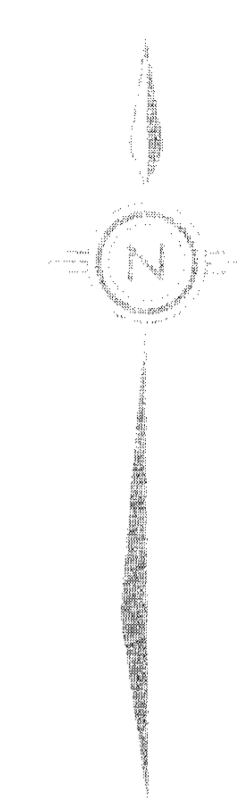
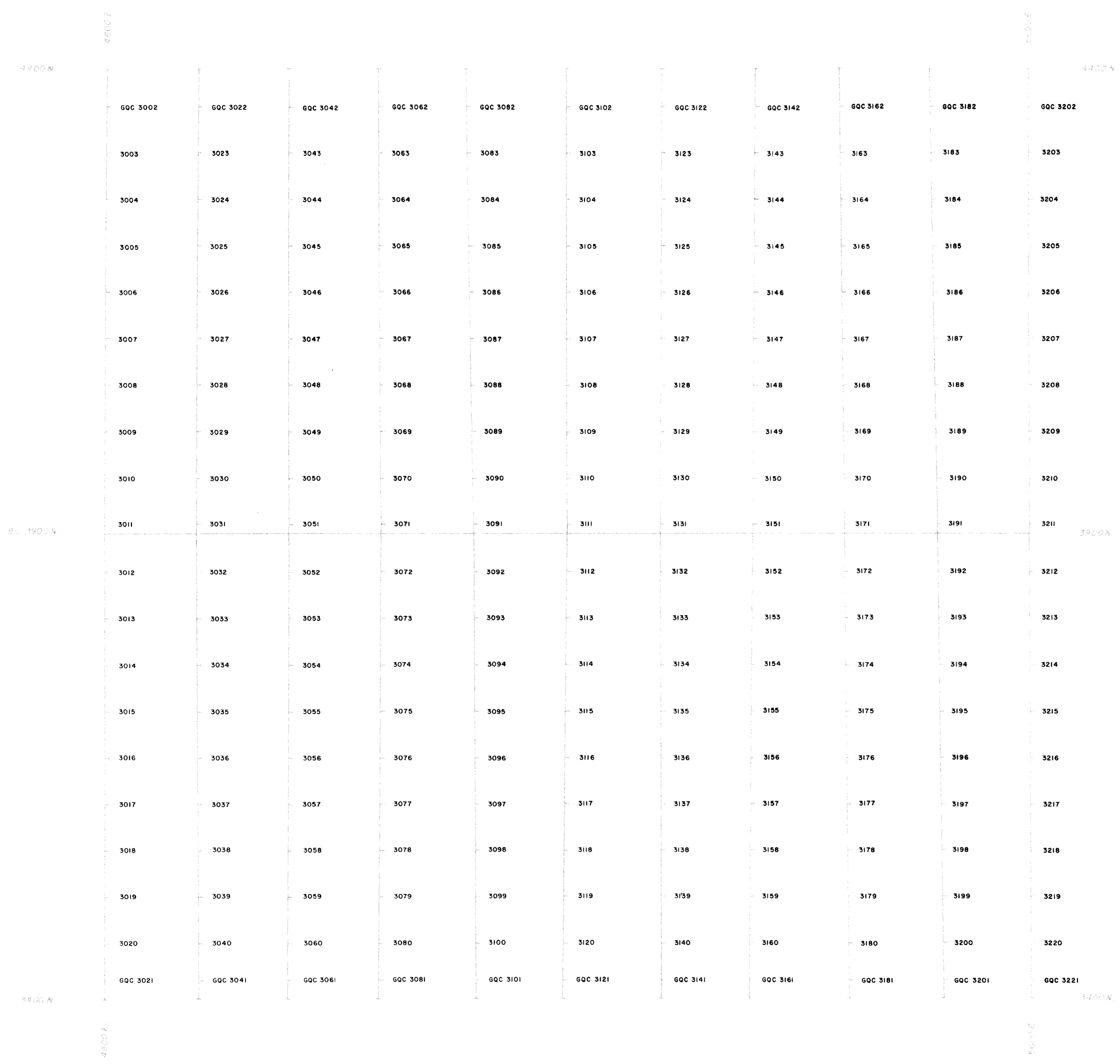
Contour Level ppm Pb  
— 16 —  
— 12.5 —  
— 10.5 —  
— 9.5 —

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GEOQUEST I PARTNERSHIP			
GREYTON CREEK CLAIMS			
ECHO T GRID			
GEOCHEMISTRY			
Pb CONTOURED			
PLAN No. 541	DRAWN	DATE NOV. 1983	FIGURE
Revised		N.T.S. 82 L / 2	5d
MINEQUEST EXPLORATION ASSOCIATES LTD.			





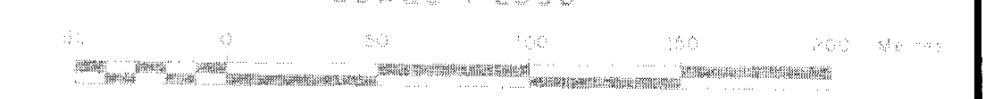
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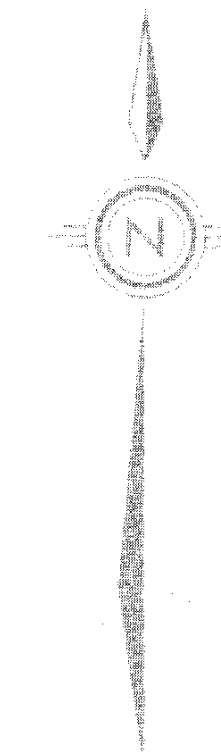
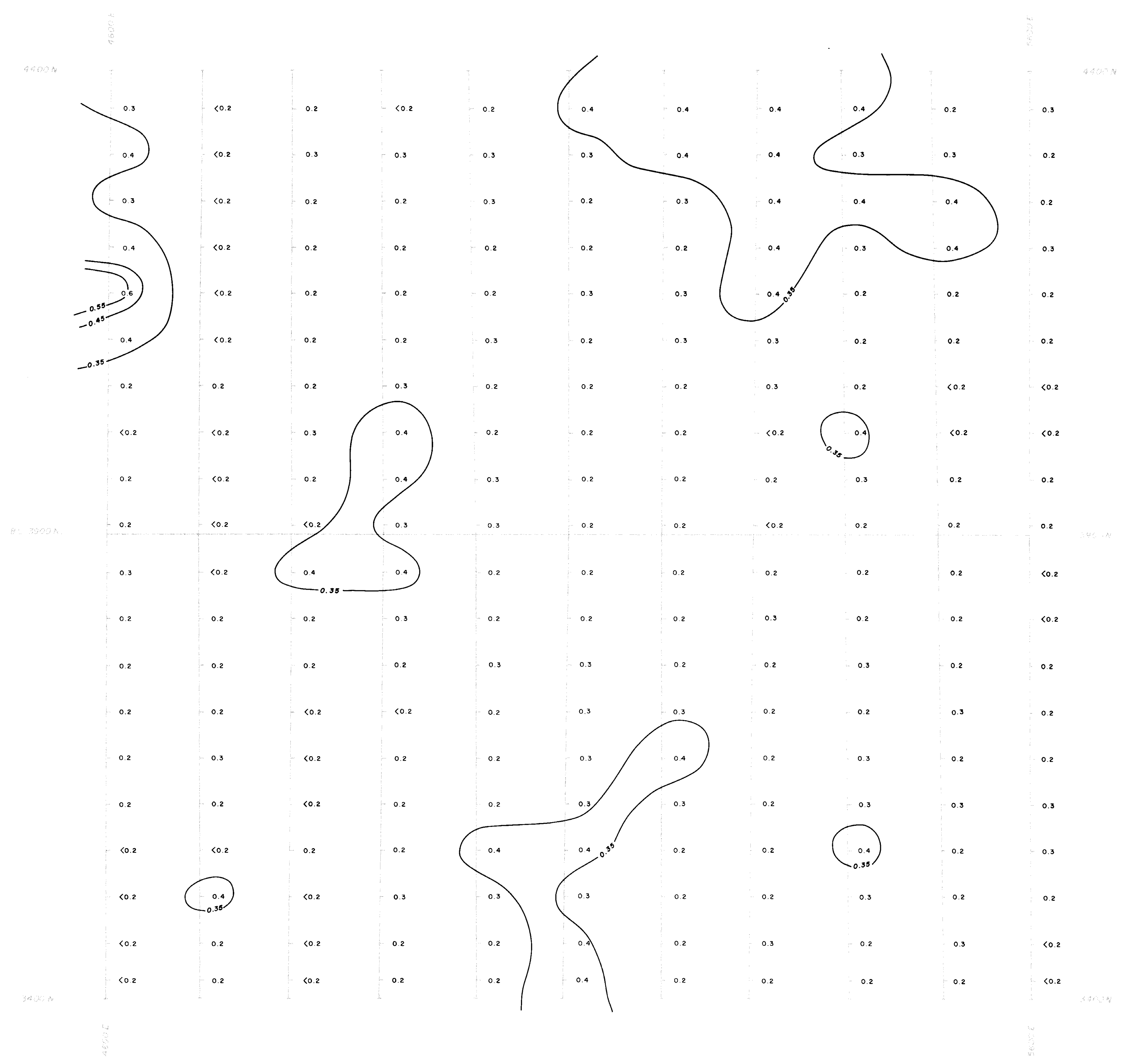
**LEGEND**

GQC 3215 ..... Sample location & number

SCALE 1:2500



GOLDQUEST I PARTNERSHIP			
CREIGHTON CREEK CLAIMS			
ECHO II GRID			
GEOCHEMISTRY			
<b>SAMPLE LOCATIONS</b>			
PLAN No. 539	DRAWN	DATE NOV. 1983	FIGURE
Revised		N.T.S. 82L/2	<b>6a</b>
MINEQUEST EXPLORATION ASSOCIATES LTD.			



Contour Level ppm Ag  
 — 0.55 —  
 — 0.45 —  
 — 0.35 —

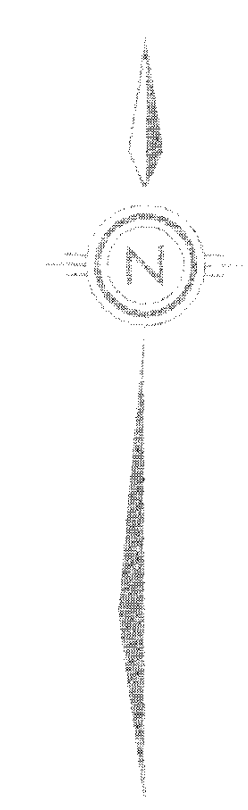
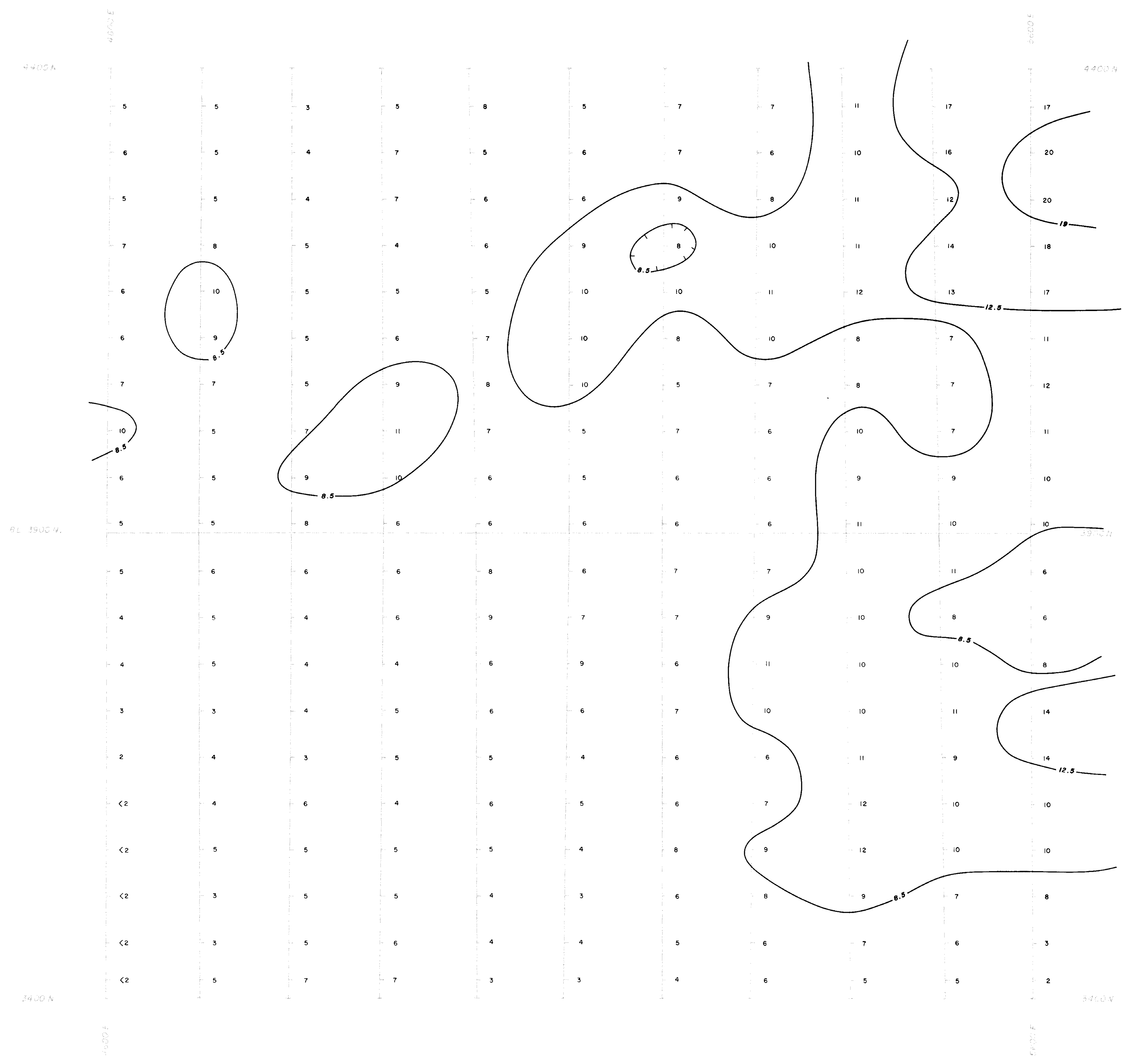
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SCALE 1:2500



GOLDQUEST I PARTNERSHIP			
CREIGTON CREEK CLAIMS			
ECHO GRID			
<b>GEOCHEMISTRY Ag CONTOURED</b>			
PLAN No. 621	DRAWN	DATE NOV. 1983	FIGURE
Revised		N.T.S. 82 L / 2	<b>6b</b>
MINEQUEST EXPLORATION ASSOCIATES LTD.			



Contour Level ppm As  
 — 19 —  
 — 12.5 —  
 — 8.5 —

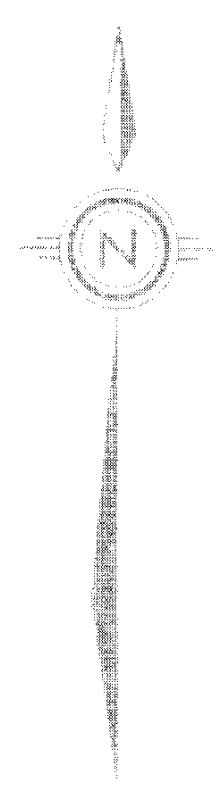
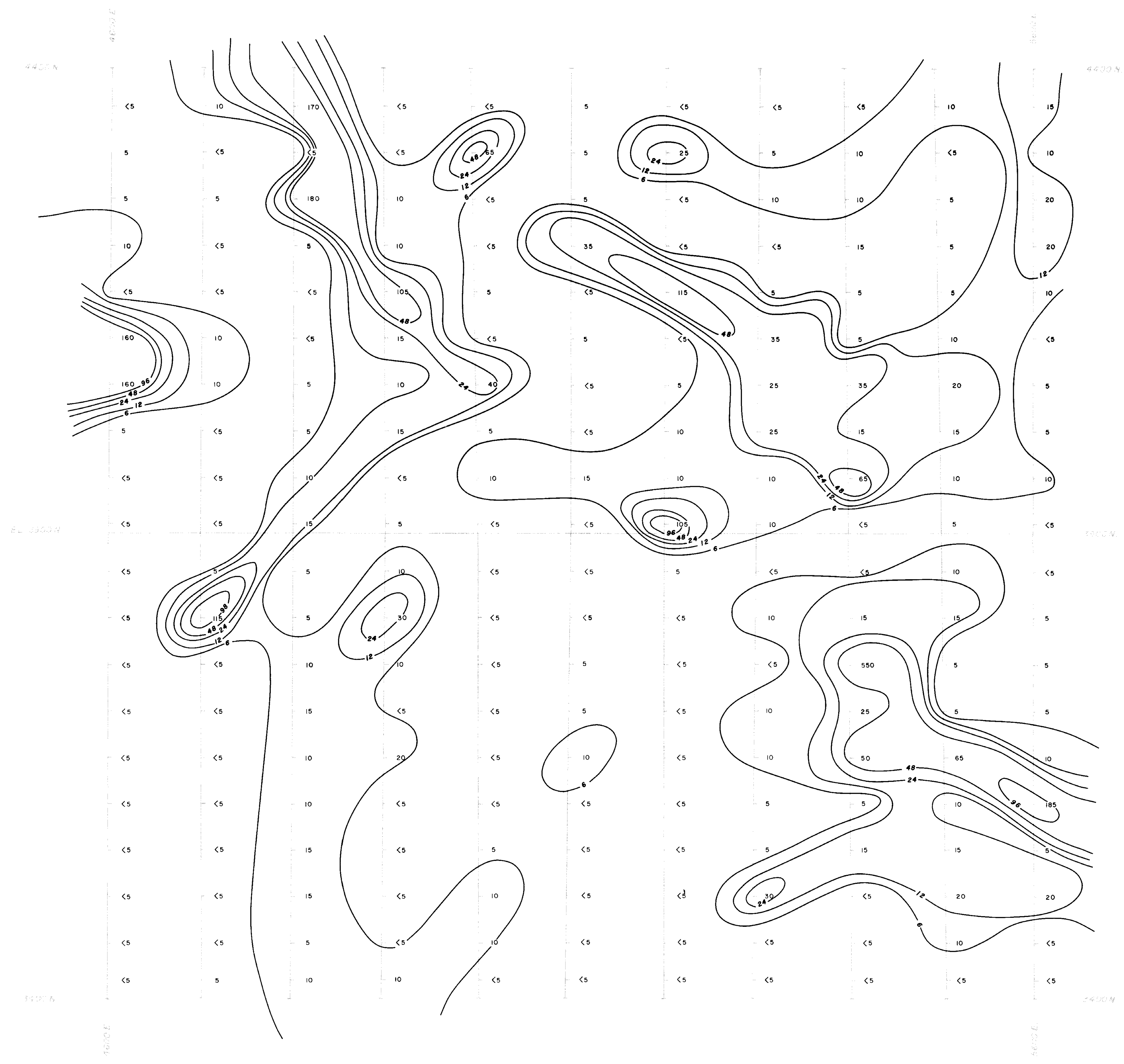
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SCALE 1:2500



GOLDQUEST I PARTNERSHIP			
CREIGTON CREEK CLAIMS			
ECHO II GRID			
<b>GEOCHEMISTRY As CONTOURED</b>			
PLAN No. 622	DRAWN	DATE NOV. 1983	FIGURE
Revised		N.T.S. 82L/2	<b>6c</b>
MINEQUEST EXPLORATION ASSOCIATES LTD.			



Contour Level ppb Au  
 — 96 —  
 — 48 —  
 — 24 —  
 — 12 —  
 — 6 —

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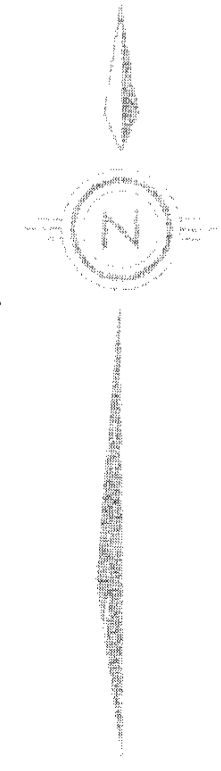
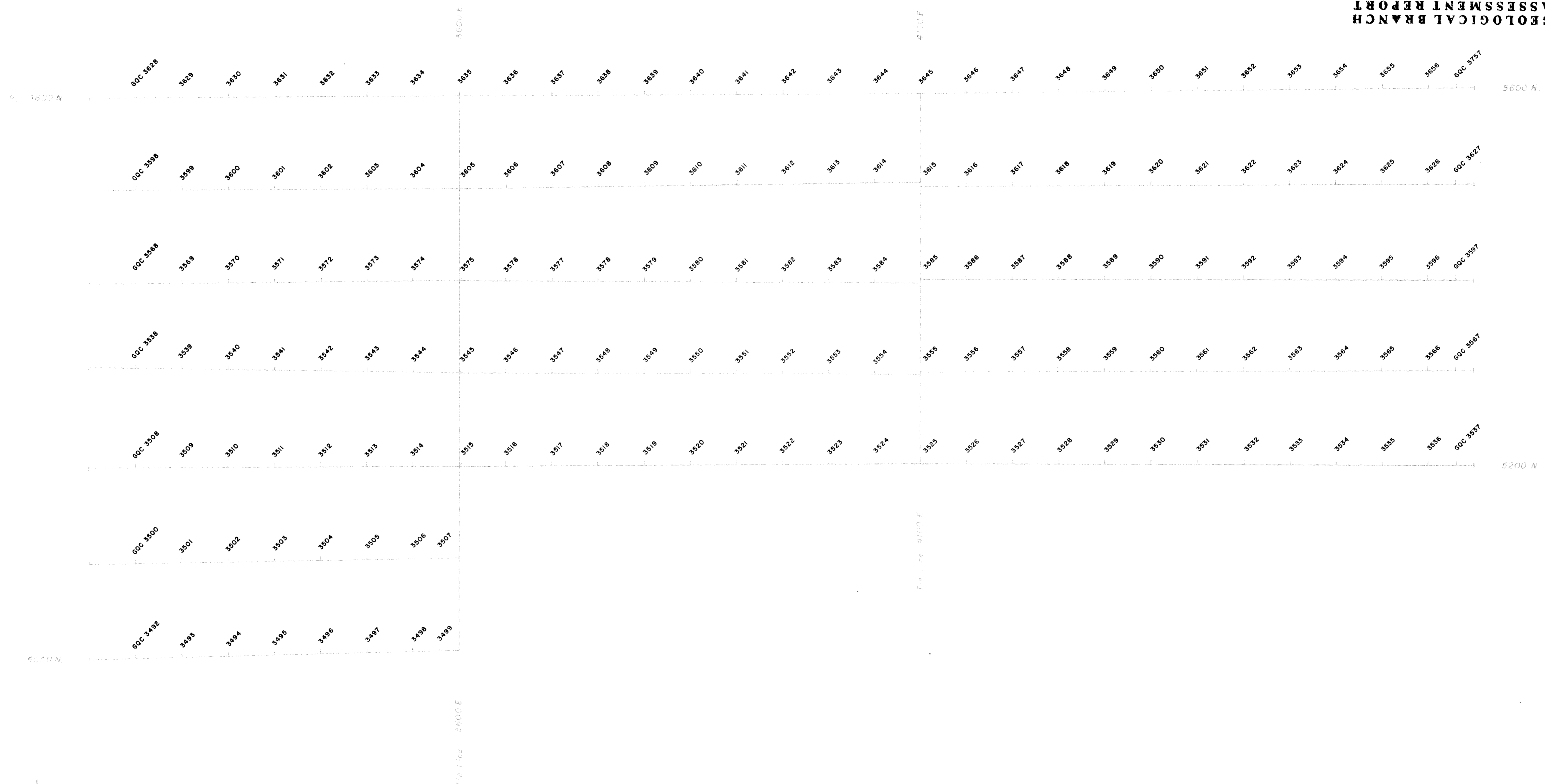
**11,718**

SCALE 1:2500

GOLDQUEST I PARTNERSHIP			
CREIGHTON CREEK CLAIMS			
ECHO II GRID			
<b>GEOCHEMISTRY</b>			
<b>Au CONTOURED</b>			
PLAN No. 623	DRAWN	DATE NOV. 1983	FIGURE 6d
Revised		N.T.S. 82 L / 2	
MINEQUEST EXPLORATION ASSOCIATES LTD.			

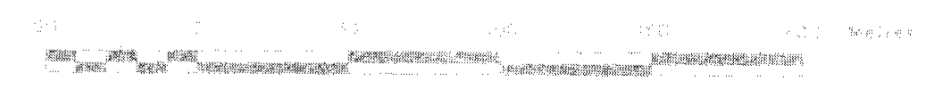
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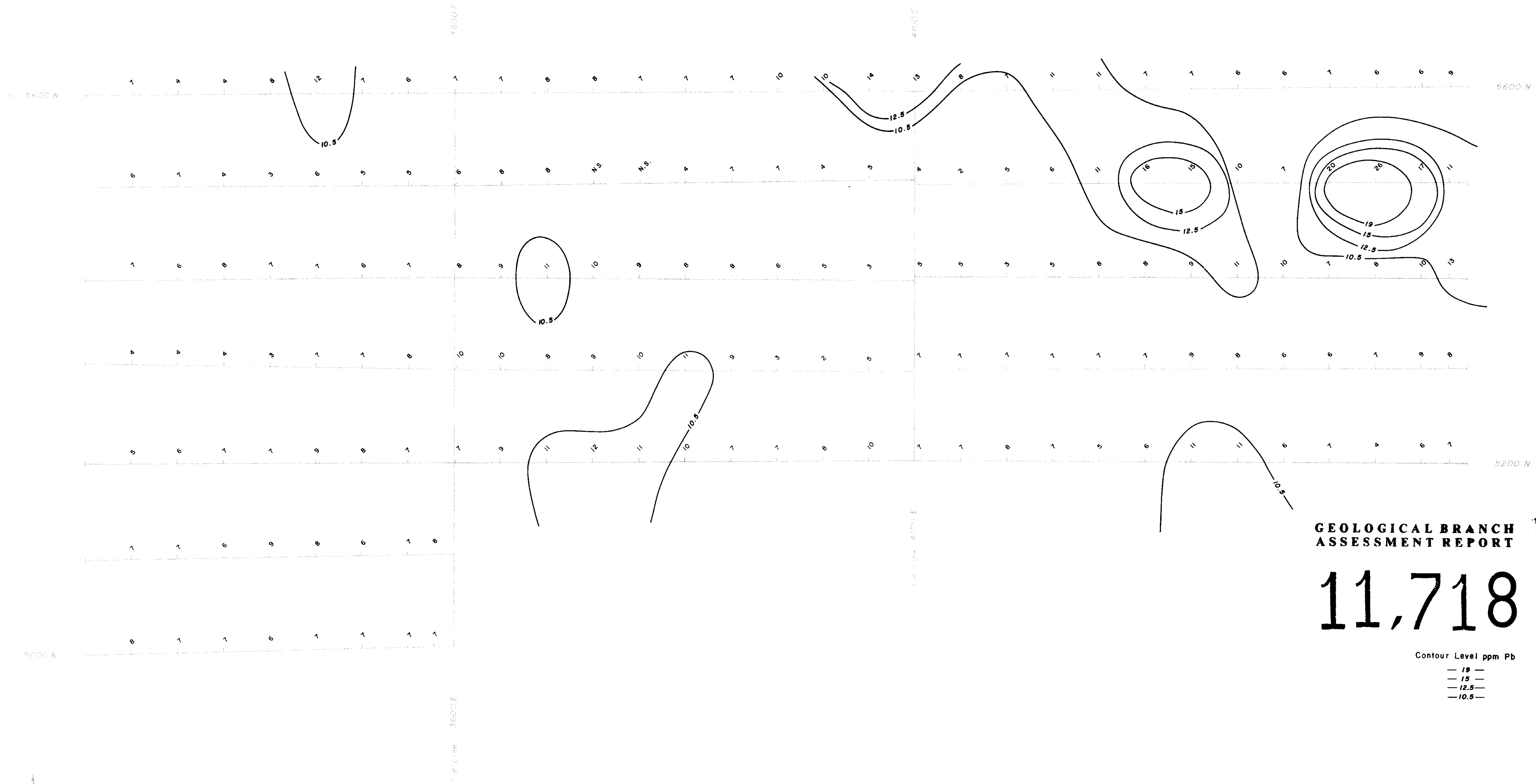


— GQC 3540 — Sample Location and Number

SCALE 1:2500



GOLDQUEST I PARTNERSHIP			
CREIGTON CREEK CLAIMS			
ECHO III GRID			
<b>GEOCHEMISTRY</b>			
<b>SAMPLE LOCATIONS</b>			
PLAN No. 540	DRAWN	DATE NOV. 1983	FIGURE 7a
Revised		N.T.S. 82L/2	
MINEQUEST EXPLORATION ASSOCIATES LTD.			



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Contour Level ppm Pb  
 — 19 —  
 — 15 —  
 — 12.5 —  
 — 10.5 —

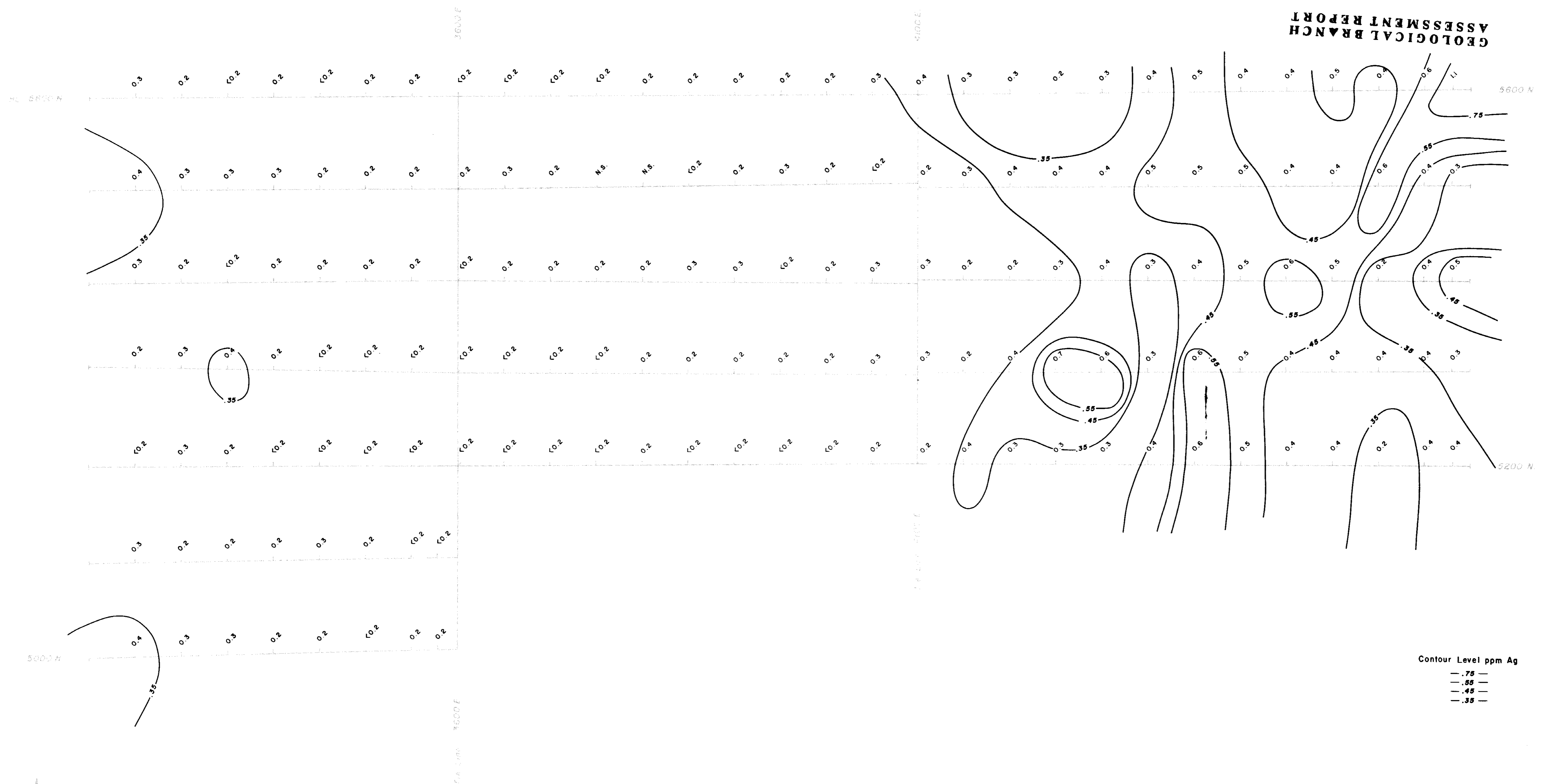
SCALE 1:2500



GOLDQUEST I PARTNERSHIP			
CREIGTON CREEK CLAIMS			
ECHO III GRID			
<b>GEOCHEMISTRY</b>			
<b>Pb CONTOURED</b>			
PLAN No. 624	DRAWN	DATE NOV. 1983	FIGURE
Revised		N.T.S. 82L/2	<b>7b</b>
MINEQUEST EXPLORATION ASSOCIATES LTD.			

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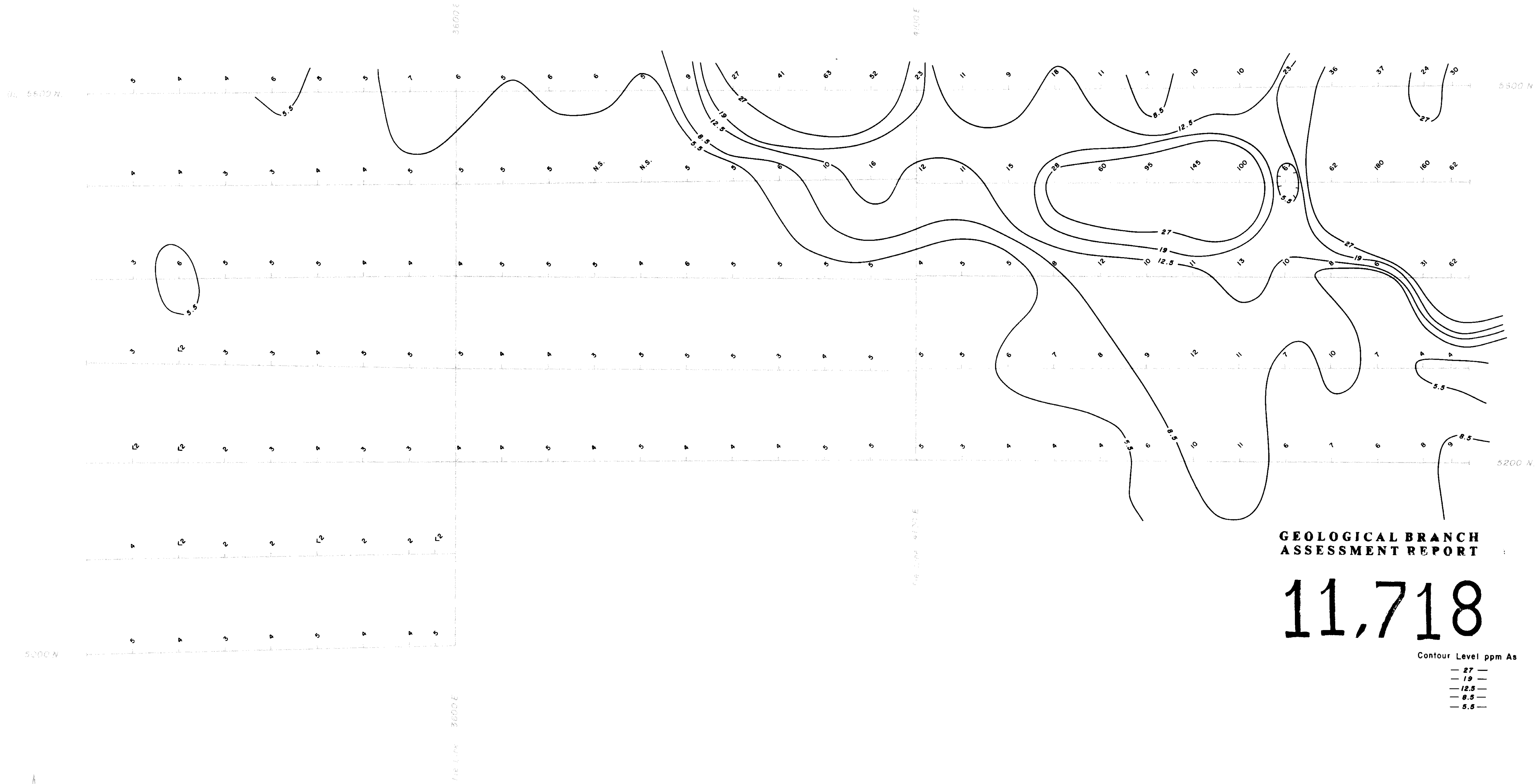


Contour Level ppm Ag  
 — .75 —  
 — .55 —  
 — .45 —  
 — .35 —

SCALE 1:2500



GOLDQUEST I PARTNERSHIP			
CREIGTON CREEK CLAIMS			
ECHO III GRID			
<b>GEOCHEMISTRY</b>			
<b>Ag CONTOURED</b>			
PLAN No. 625	DRAWN	DATE NOV. 1983	FIGURE
Revised		N.T.S. 82L/2	<b>7c</b>
MINEQUEST EXPLORATION ASSOCIATES LTD.			



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Contour Level ppm As

- 27 -
- 19 -
- 12.5 -
- 8.5 -
- 5.5 -

SCALE 1:2500



GOLDQUEST I PARTNERSHIP			
CREIGTON CREEK CLAIMS			
ECHO III GRID			
<b>GEOCHEMISTRY</b>			
<b>As CONTOURED</b>			
PLAN No. 626	DRAWN	DATE NOV. 1983	FIGURE 7d
Revised		N.T.S. 82 L / 2	
MINEQUEST EXPLORATION ASSOCIATES LTD.			



5200 N

5200 N

3500 E

3500 E

4100 E

4100 E

5600 W

5600 W

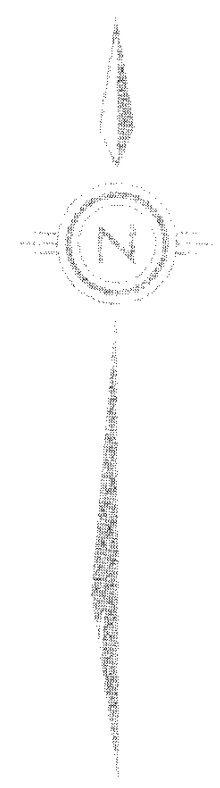


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Contour Level ppb Au

- 96 -
- 48 -
- 24 -
- 12 -
- 6 -



SCALE 1:2500



GOLDQUEST I PARTNERSHIP			
CREIGTON CREEK CLAIMS			
ECHO III GRID			
<b>GEOCHEMISTRY</b>			
<b>Au CONTOURED</b>			
PLAN No. 627	DRAWN	DATE NOV. 1983	FIGURE 7e
Revised		N.T.S. 82L/2	
MINEQUEST EXPLORATION ASSOCIATES LTD.			