



PRELIMINARY LEGEND

STRATIFICAL ROCKS

- GV Grey Volcanic Unit
- UT Upper Tertiary Sedimentary Unit
- UTa Orange Marker Horizon
- UTs Sand Conglomerates
- GB Green Volcanic Unit
- BS Banded Siltstone Unit
- BA Black Argillite Unit

INTRUSIVE ROCKS

- A Alkalai Basalt Dykes
- F Felsite Dykes
- OP Orthoclase Porphyry
- QP Quartz Zone Porphyry
- Gd Granodiorite Dykes and Stocks
- CR Granodiorite, Diorite and Syenite

ALTERATION

- S Intense, Pervasive Sericite
- Si Silicification and Intense Quartz Veining

MINERAL OCCURRENCES

| | |
|-----------------|------------------|
| PbS Galena | Py Pyrite |
| Cp Chalcopyrite | Asp Arsenopyrite |
| ZnS Sphalerite | Mo Molybdenite |
| Mn Magnetite | Cu Copper |
| Au Gold | Pb Lead |
| Ag Silver | Zn Zinc |

SYMBOLS

| | |
|--|--------------------------|
| — Fault, showing dip and rake at stratification, dashed where inferred | — Foliation, showing dip |
| — Fold axis (antiform), showing plunge | — Bedding, showing dip |
| — Boundary of alteration zone | — Vein, showing dip |
| — Geological contact, dashed where inferred | — Vertical vein |
| — Outcrops examined during mapping | — ? Uncertainties |

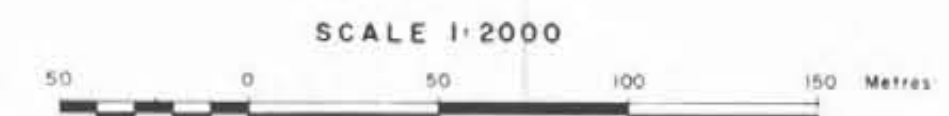
GEOLOGICAL BRANCH ASSESSMENT REPORT

11,332 PART 2 OF 2

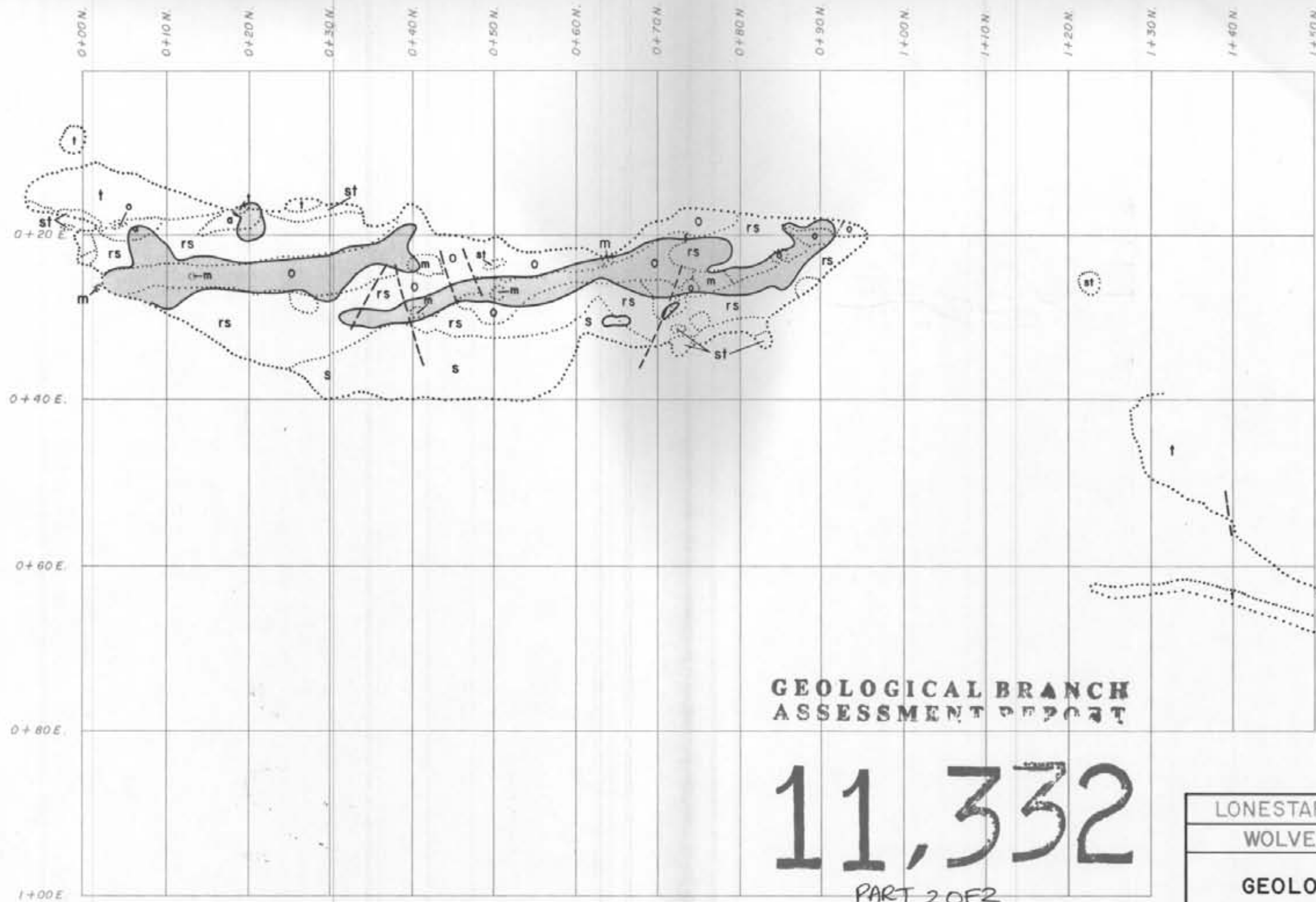
LONESTAR RESOURCES LTD.
 SNIPPAKER CREEK GOLD PROJECT
DETAIL GEOLOGY OF KHYBER PASS AREA

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|-------------------|----------------------|-------------------------|-------------|
| WORK BY D.A.B. | DRAWN D.A.B./y.m. | DATE NOV. 1983 | FIGURE 7 |
| REVISED | | N.T.S. 10/4 B/10, 11 | |

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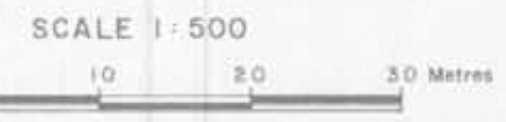
EXCLUSIVE DRAFTING SERVICES LTD.



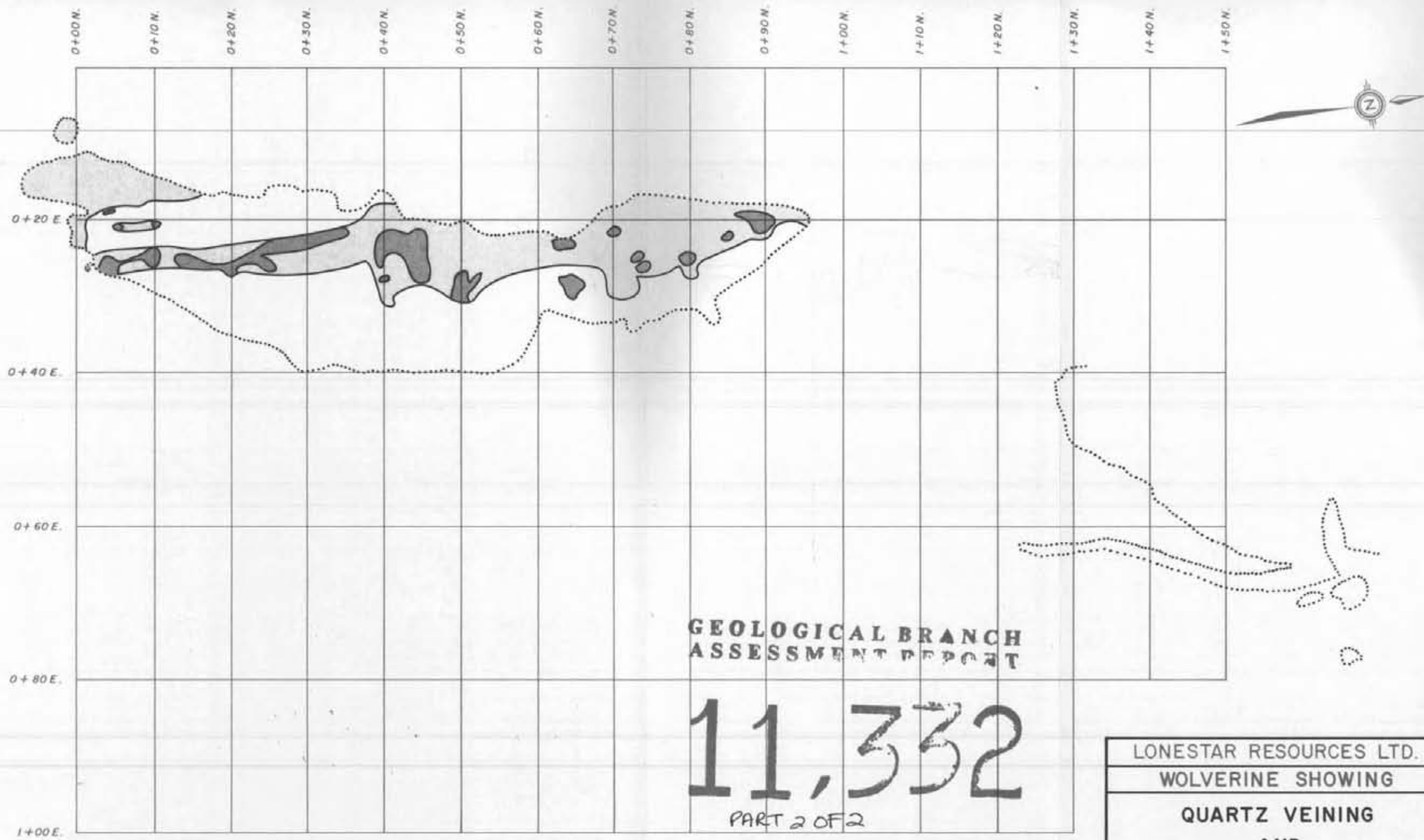
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11,332
PART 2 OF 2

- | | | |
|--|---|---|
| t Tuff | a Argillite | st Non-maroon tinted siltstone |
| s Well bedded "unaltered" siltstone | m Intense alteration Extensive mineralization | shaded box Sericite Alteration |
| o Oxidized red, shear etc. | rs Siltstone - maroon tinted | |



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| WOLVERINE SHOWING | | |
| GEOLOGICAL DETAIL | | |
| LITHOLOGY & MINERALIZATION | | |
| DRAWN S.B./B.J. | DATE NOV. 1983 | FIGURE 5 |
| Revised _____ | N.T.S. 104 B / 10 | |
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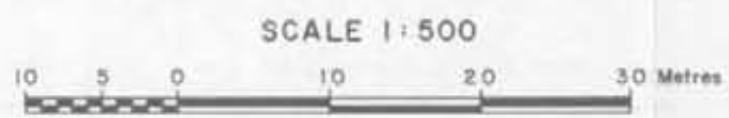


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11,332

PART 2 OF 2

- Silicification
- Quartz veins / trends of intense silicification






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| WOLVERINE SHOWING | | |
| QUARTZ VEINING AND SILICIFICATION | | |
| DRAWN S.B. / B.J. | DATE NOV. 1983 | FIGURE 5a |
| Revised | | N.T.S. 104 B / 10 |
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11,332

PART 2 OF 2

-  Low grade areas
-  High grade trends
-  Galena

SCALE 1:500






| | | |
|----------------------------------|----------------------|---------------------|
| LONESTAR RESOURCES LTD. | | |
| WOLVERINE SHOWING | | |
| DISTRIBUTION OF GALENA | | |
| DRAWN S.B. / B.J. | DATE NOV. 1983 | FIGURE 5b |
| Revised | N.T.S. 104 B / 10 | |
| ACTIVE MINERAL EXPLORATIONS LTD. | | |



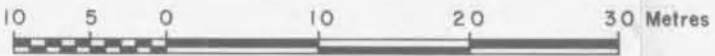
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11,332

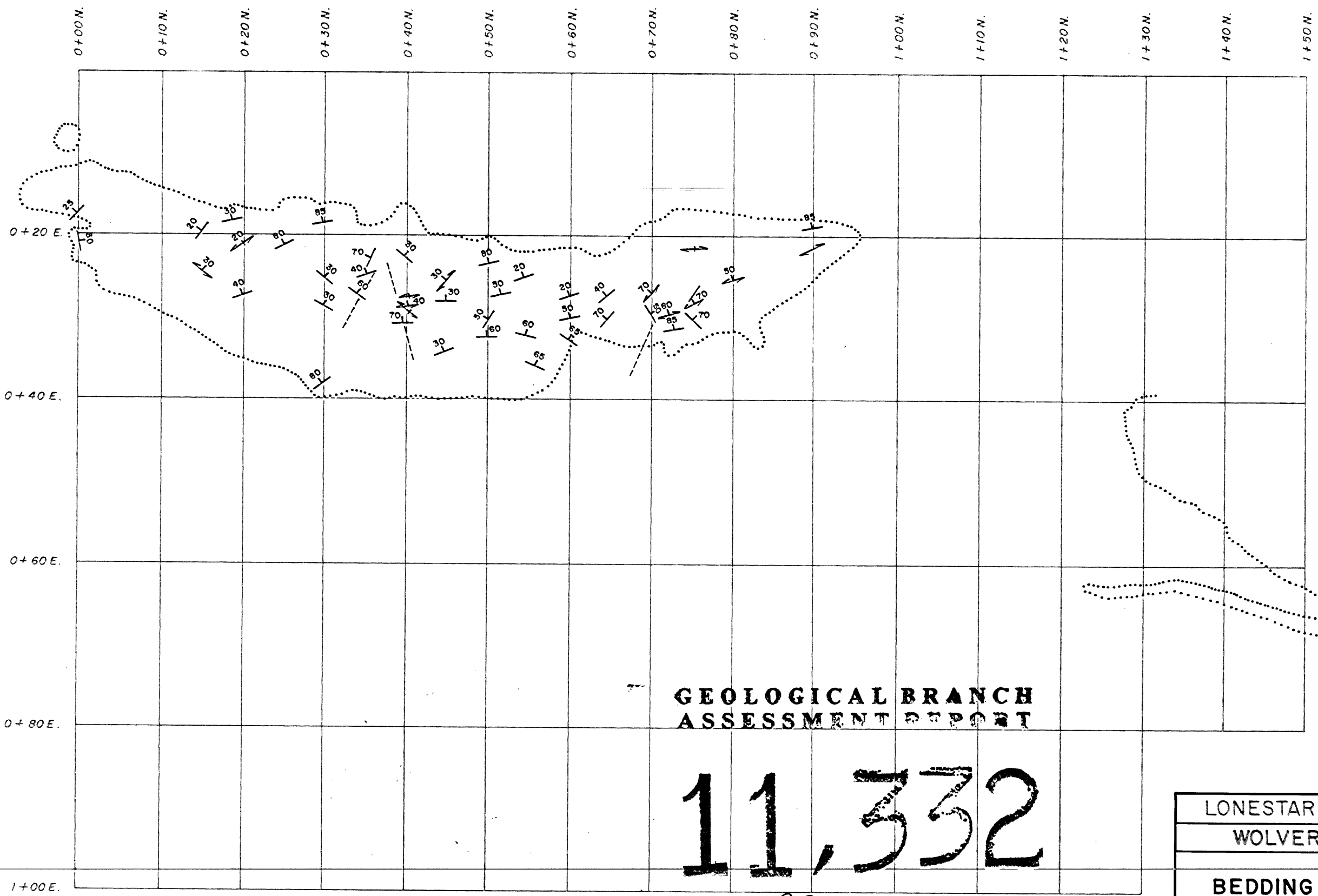
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-  Low grade area
-  High grade trends
-  Sphalerite

SCALE 1:500



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|----------------------------------|----------------------|--------------|--|
| LONESTAR RESOURCES LTD. | | | |
| WOLVERINE SHOWING | | | |
| DISTRIBUTION OF SPHALERITE | | | |
| DRAWN S.B. / B.J. | DATE NOV. 1983 | FIGURE 5c | |
| Revised | N.T.S. 104 B / 10 | | |
| ACTIVE MINERAL EXPLORATIONS LTD. | | | |



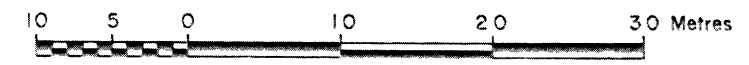
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11,332

PART 2 OF 2

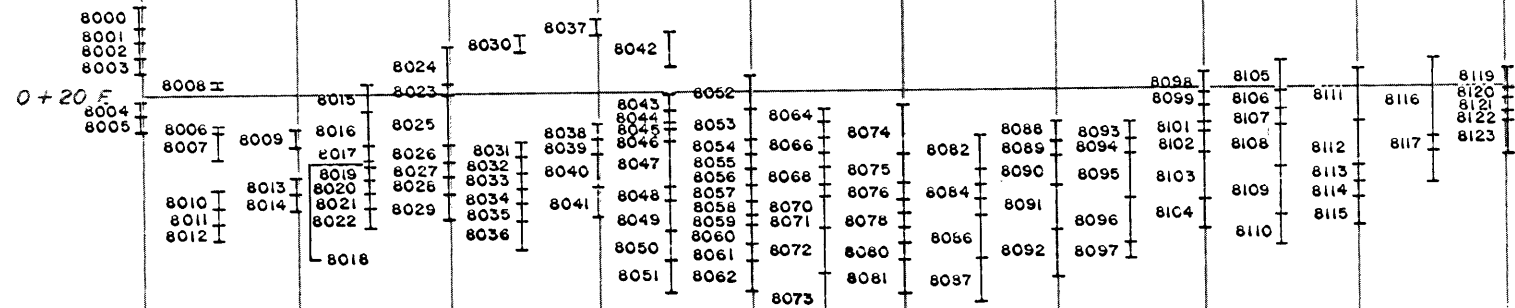
Bedding
 Foliation

SCALE 1:500



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| LONESTAR RESOURCES LTD. | | | FIGURE 5d |
| WOLVERINE SHOWING | | | |
| BEDDING AND FOLIATION ORIENTATION | | | |
| DRAWN S.B. / B.J. | DATE NOV. 1983 | | |
| Revised _____ | N.T.S. 104 B / 10 | | |
| ACTIVE MINERAL EXPLORATIONS LTD. | | | |

0+00N. 0+10N. 0+20N. 0+30N. 0+40N. 0+50N. 0+60N. 0+70N. 0+80N. 0+90N. 1+00N. 1+10N. 1+20N. 1+30N. 1+40N. 1+50N.



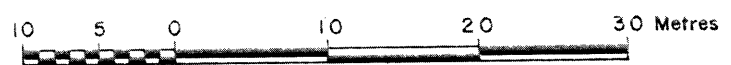
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11,332

PART 2 OF 2

8037I ···· Chip sample location and number

SCALE 1:500



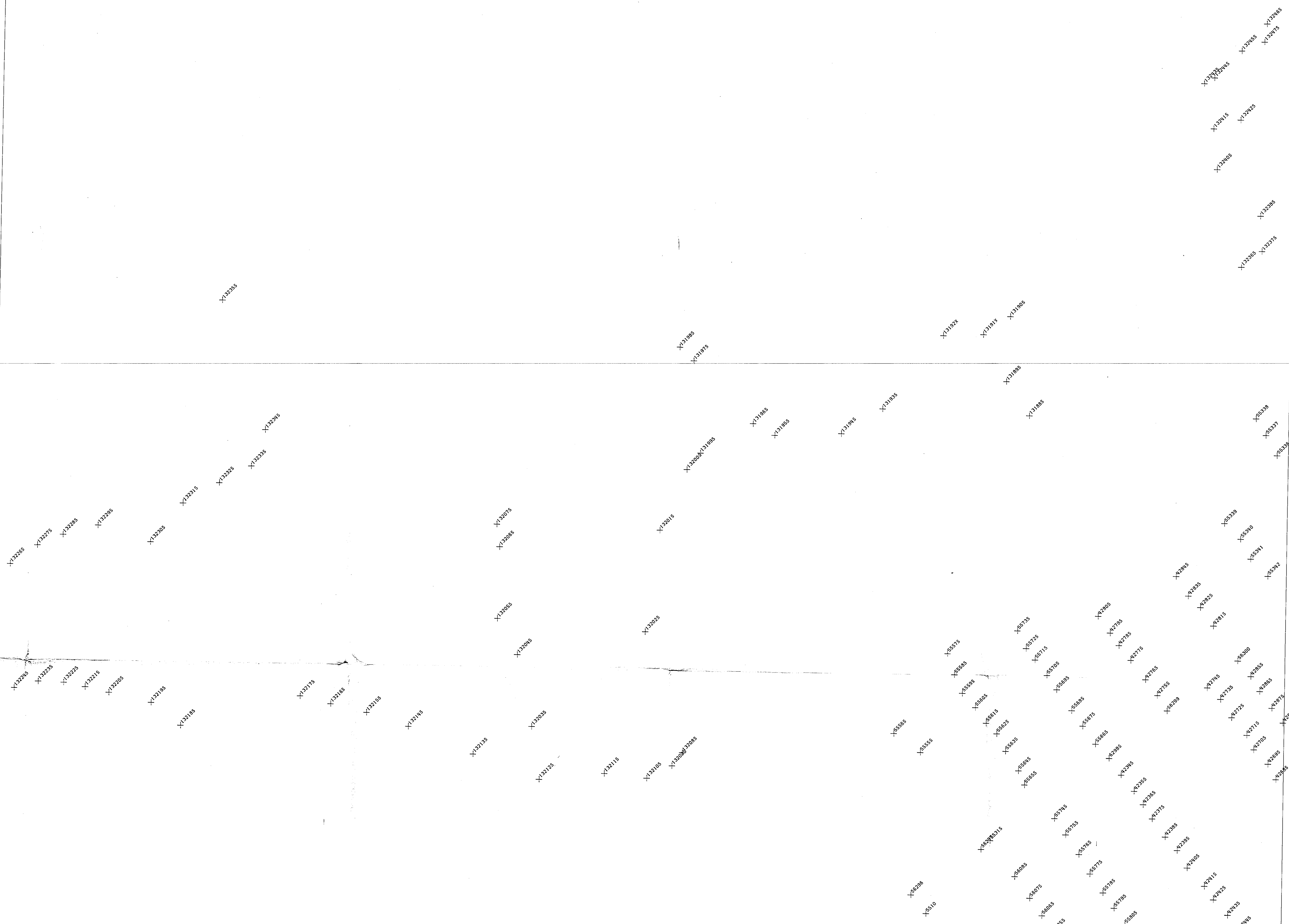
| | | | |
|--|----------------------|-------------------|----------------------|
| LONESTAR RESOURCES LTD. | | | FIGURE 6 |
| WOLVERINE SHOWING | | | |
| CHIP SAMPLE LOCATIONS AND NUMBERS | | | |
| Revised | DRAWN S.B. / B.J. | DATE NOV. 1983 | N.T.S. 104 B / 10 |
| ACTIVE MINERAL EXPLORATIONS LTD. | | | |

6267900

6267900

388250

388850



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ASSESSMENT REPORT

11,332

PART 2 OF 2
Figure 9g

SAMPLE LOCATION
WITH SAMPLE ID

SOIL SAMPLE LOCATIONS

SCALE 1:2000



350



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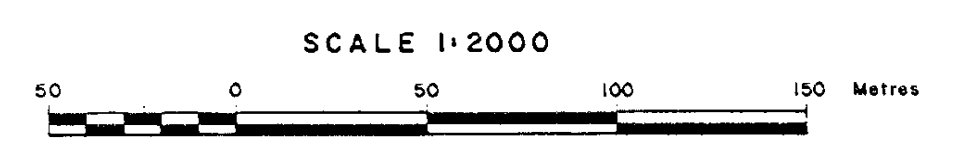
11,332

PART 2 OF 2

Figure 9

SAMPLE LOCATION
WITH SAMPLE ID

SOIL SAMPLE LOCATIONS



LONESTAR RESOURCES
ACTIVE MINERAL EXPLORATIONS
SMIPRAKKE PROJECT
FINS GRID

6269000

6269000

385000

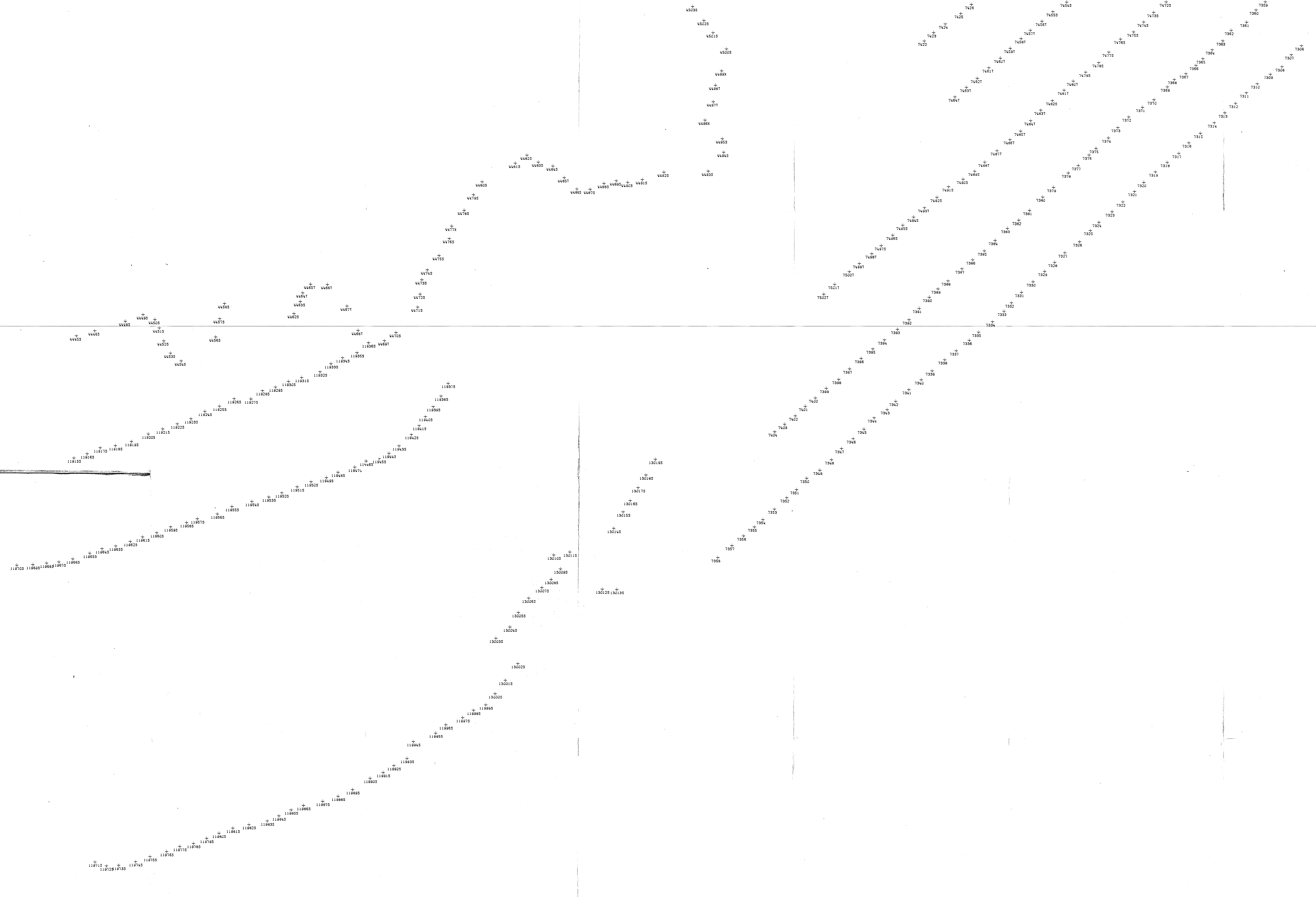
387400

385000

6267400

6267400

387400



GEOLOGICAL BRANCH
ASSESSMENT REPORT

11,332
PART 2 OF 2

SOIL SAMPLE LOCATIONS
WITH POSTED VARIABLE (S)

SCALE 1:2000



LONESTAR RESOURCES
ACTIVE MINERAL EXPLORATIONS

SNIPAKKER PROJECT
LAKE GRID SOUTH

FIGURE 10

6270750

6270750

385500

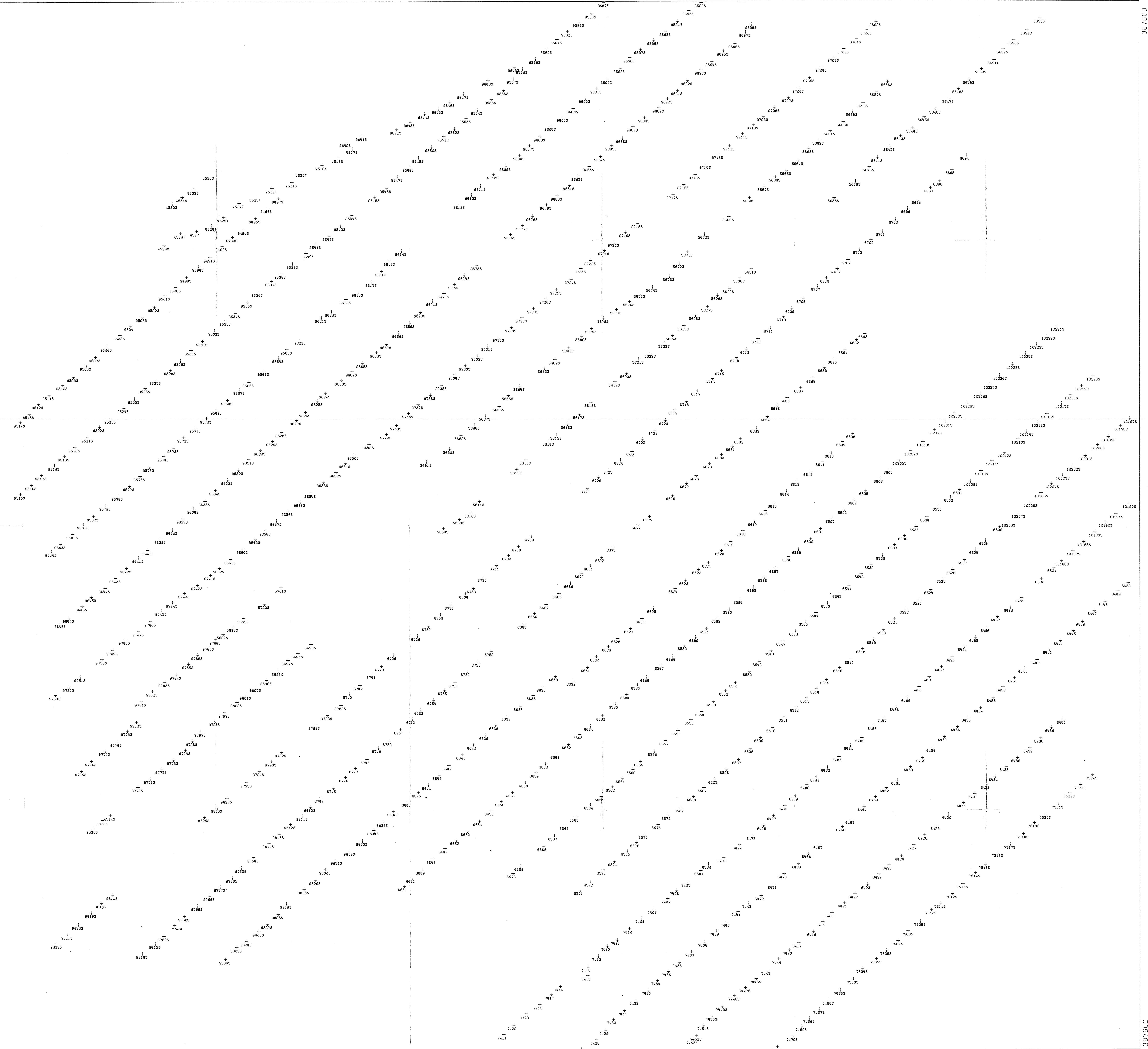
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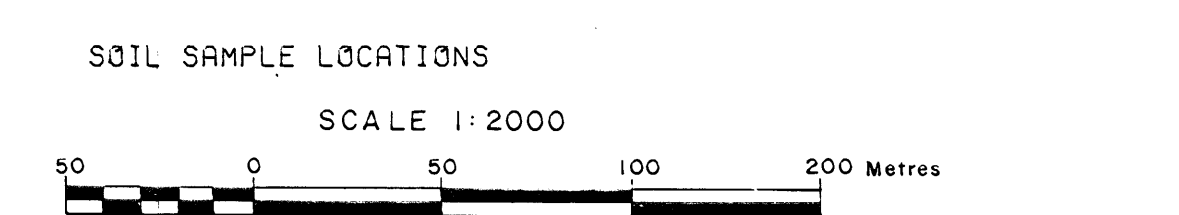
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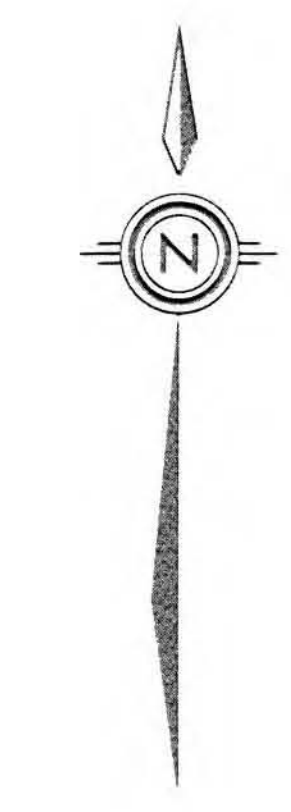
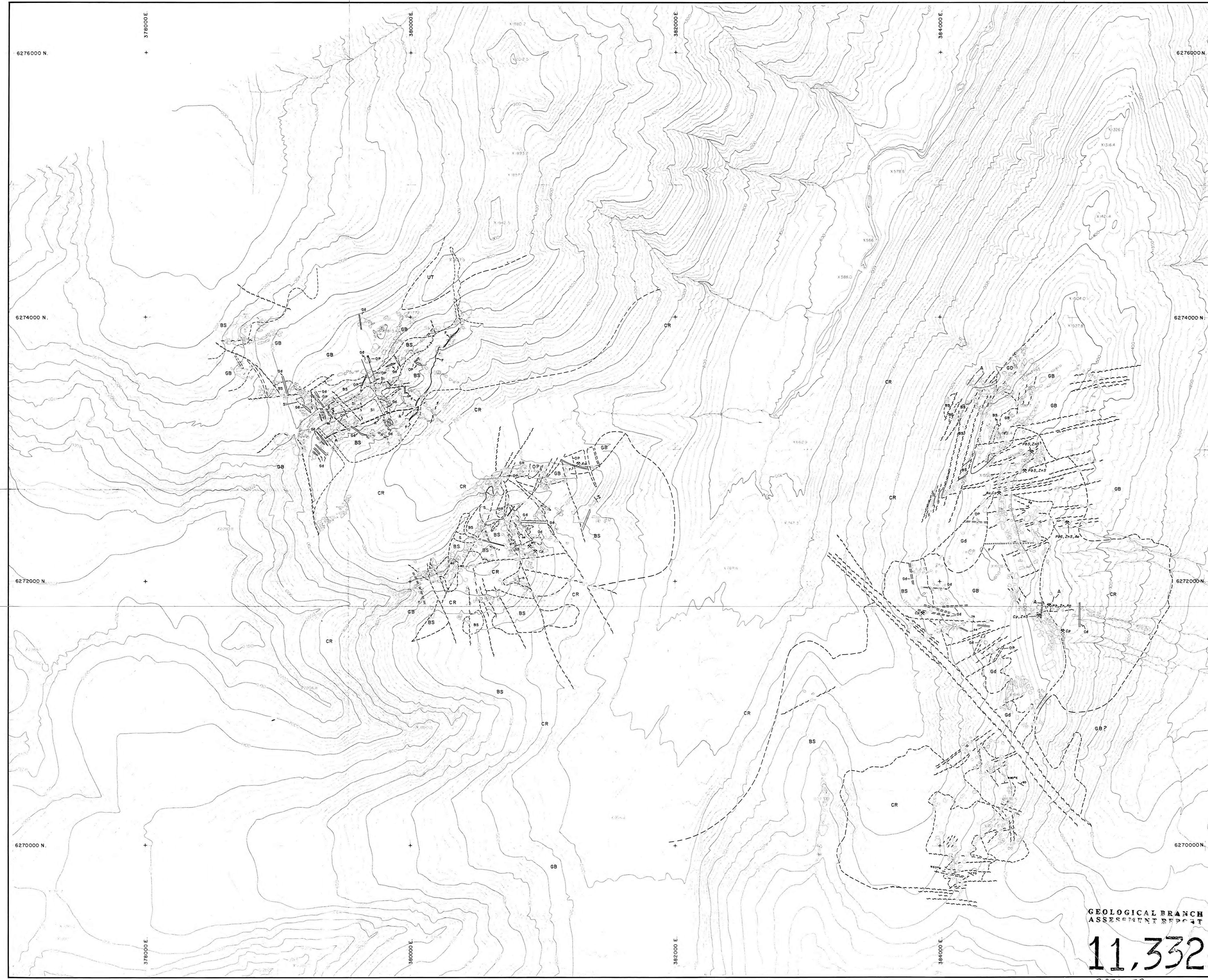
11,332
PART 2 OF 2

+ SAMPLE LOCATION
WITH POSTED VARIABLE(S)



LONESTAR RESOURCES
ACTIVE MINERAL EXPLORATIONS
SNIPACKER PROJECT
LAKE GRID NORTH

FIGURE 11



**PRELIMINARY
LEGEND**

STRATIFICAL ROCKS

- GV Grey Volcanic Unit
- UT Upper Tuffaceous Sedimentary Unit
- UTo Orange Marker Horizon
- UTs Slide Conglomerates
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- BS Banded Siltstone Unit
- BA Black Argillite Unit

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- OP Orthoclase Porphyry
- QP Quartz Zone Porphyry
- Gd Granodiorite Dykes and Stocks
- CR Granodiorite, Diorite and Syenite

ALTERATION

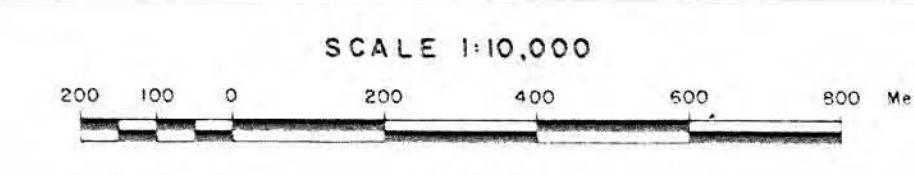
- S Intense, Pervasive Sericite
- SI Silicification and Intense Quartz Veining

MINERAL OCCURRENCES

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| Cs Chalcopyrite | Asp Arsenopyrite |
| ZnS Sphalerite | Mo Molybdenite |
| Mt Magnetite | Cu Copper |
| Au Gold | Pb Lead |
| Ag Silver | Zn Zinc |

SYMBOLS

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|---|------------------------|
| ⊕ Fault, showing dip and sense of striations, dashed where inferred | ⊕ Fault, showing dip |
| ⊕ Fold axis (anticline), showing plunge | ⊕ Bedding, showing dip |
| ⊕ Boundary of alteration zone | ⊕ Vein, showing dip |
| ⊕ Geological contact, dashed where inferred | ⊕ Vertical vein |
| ⊕ Outcrops examined during mapping | ⊕ Uncertainties |



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SNIPPAKER CREEK GOLD PROJECT

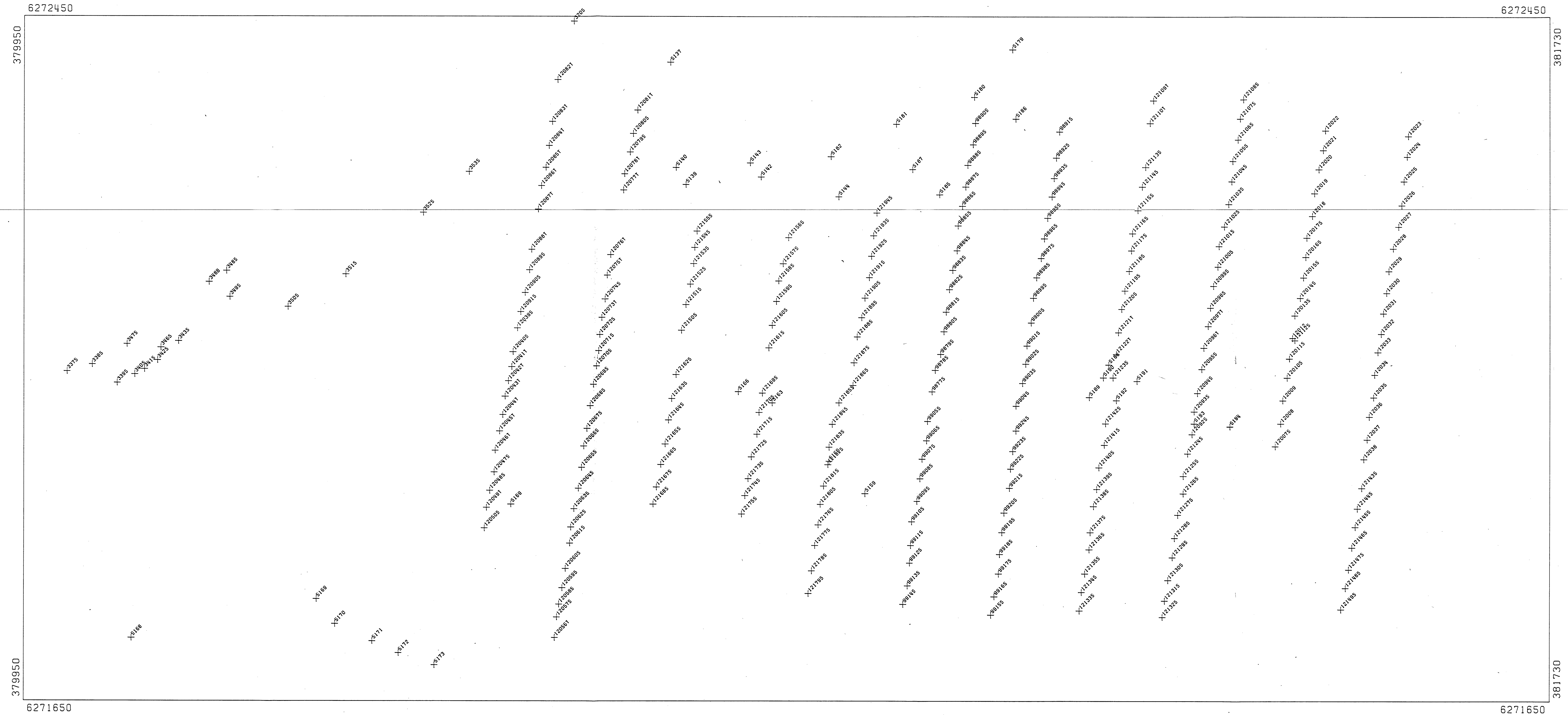
**GEOLOGY
CENTRAL SHEET**

GEOLOGICAL BRANCH
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11,332

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| WORK BY D.A.B. / J.S.B. | DRAWN | DATE NOV. 1983 | FIGURE 4 |
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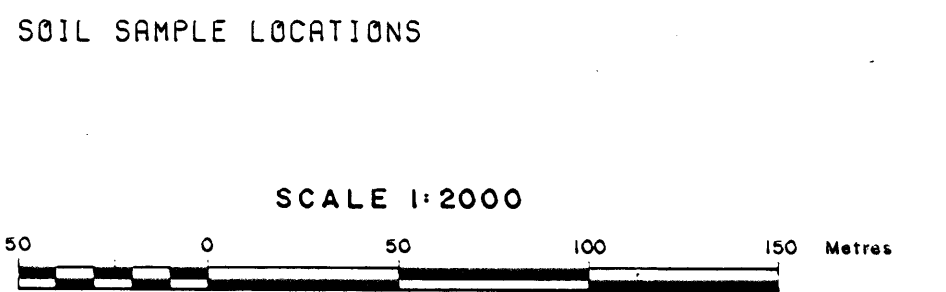


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ASSESSMENT REPORT

11,332

PART 2 OF 2
Figure #12

X21001
SAMPLE LOCATION
WITH SAMPLE ID



LONESTAR RESOURCES
ACTIVE MINERAL EXPLORATIONS
SNIPAKKER PROJECT
PYRAMID GRID

6273750
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6272850
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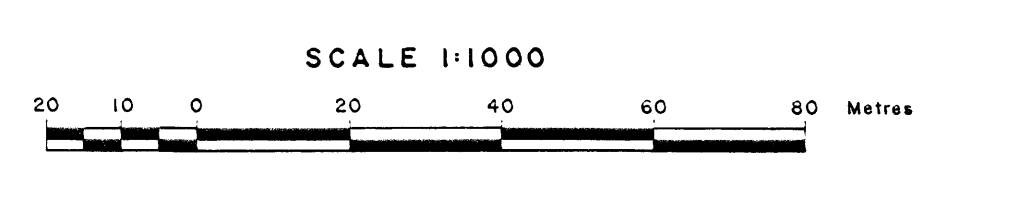
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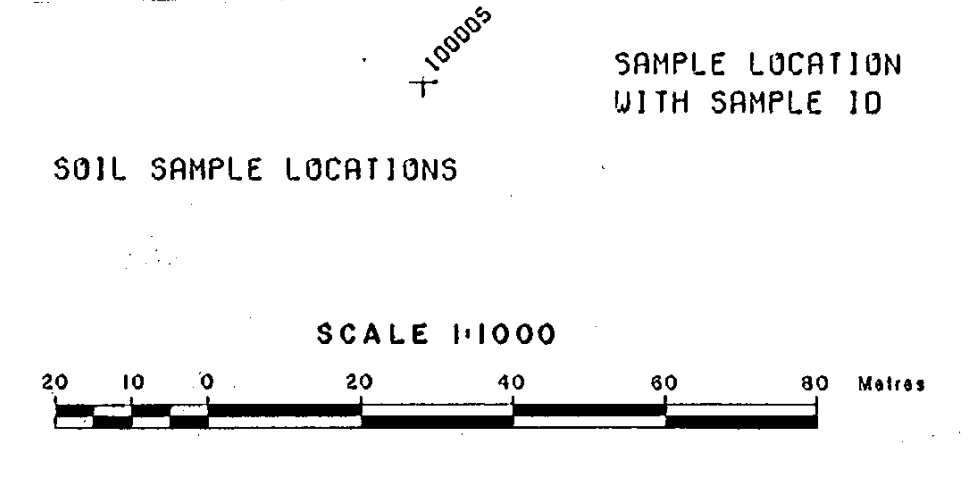
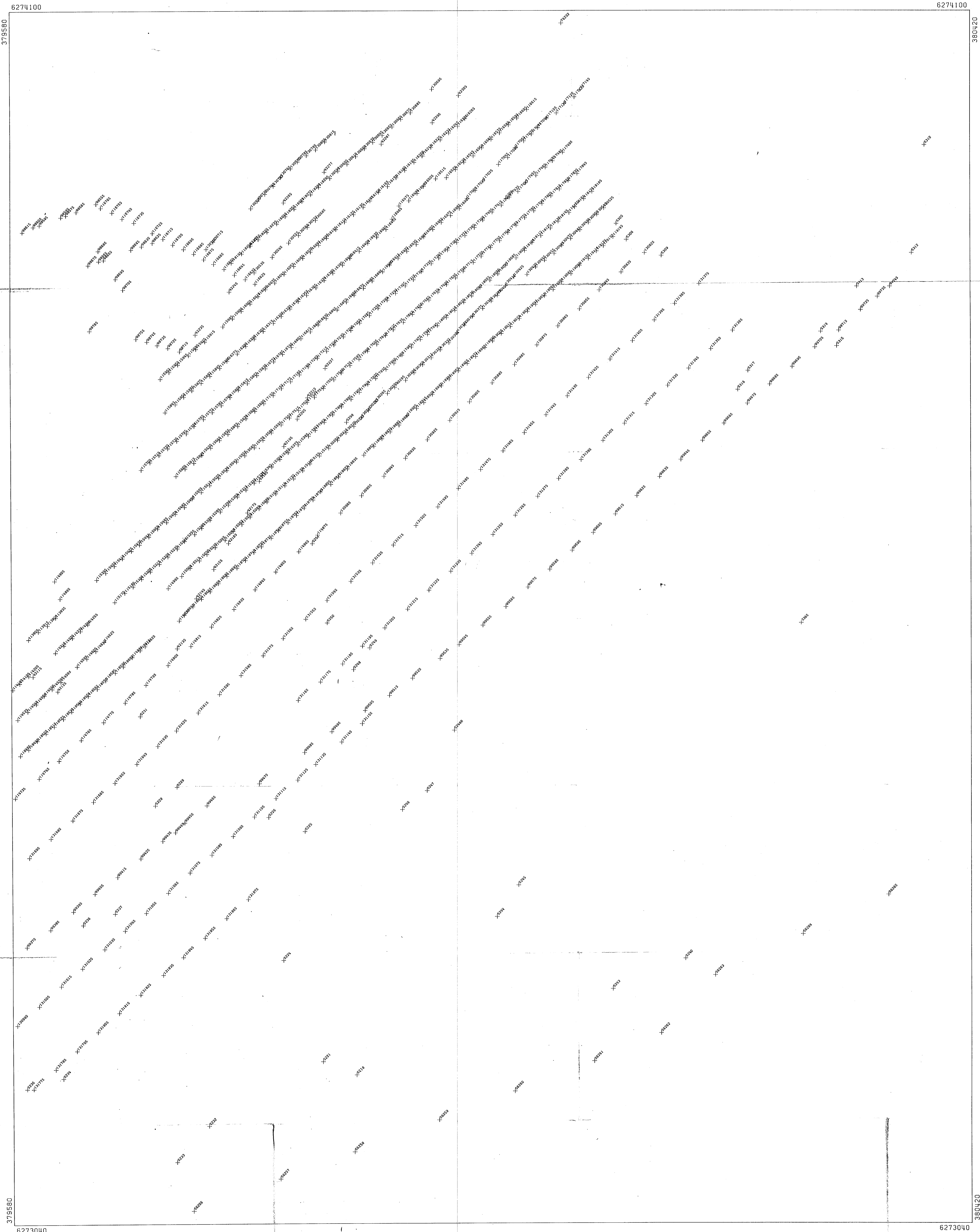
GEOLOGICAL BRANCH
ASSESSMENT REPORT

11,332
PART 2 OF 2

SOIL SAMPLE LOCATIONS
SAMPLE LOCATION WITH SAMPLE ID



LONESTAR RESOURCES
ACTIVE MINERAL EXPLORATIONS
SNIPACKER PROJECT
KYBER GRID



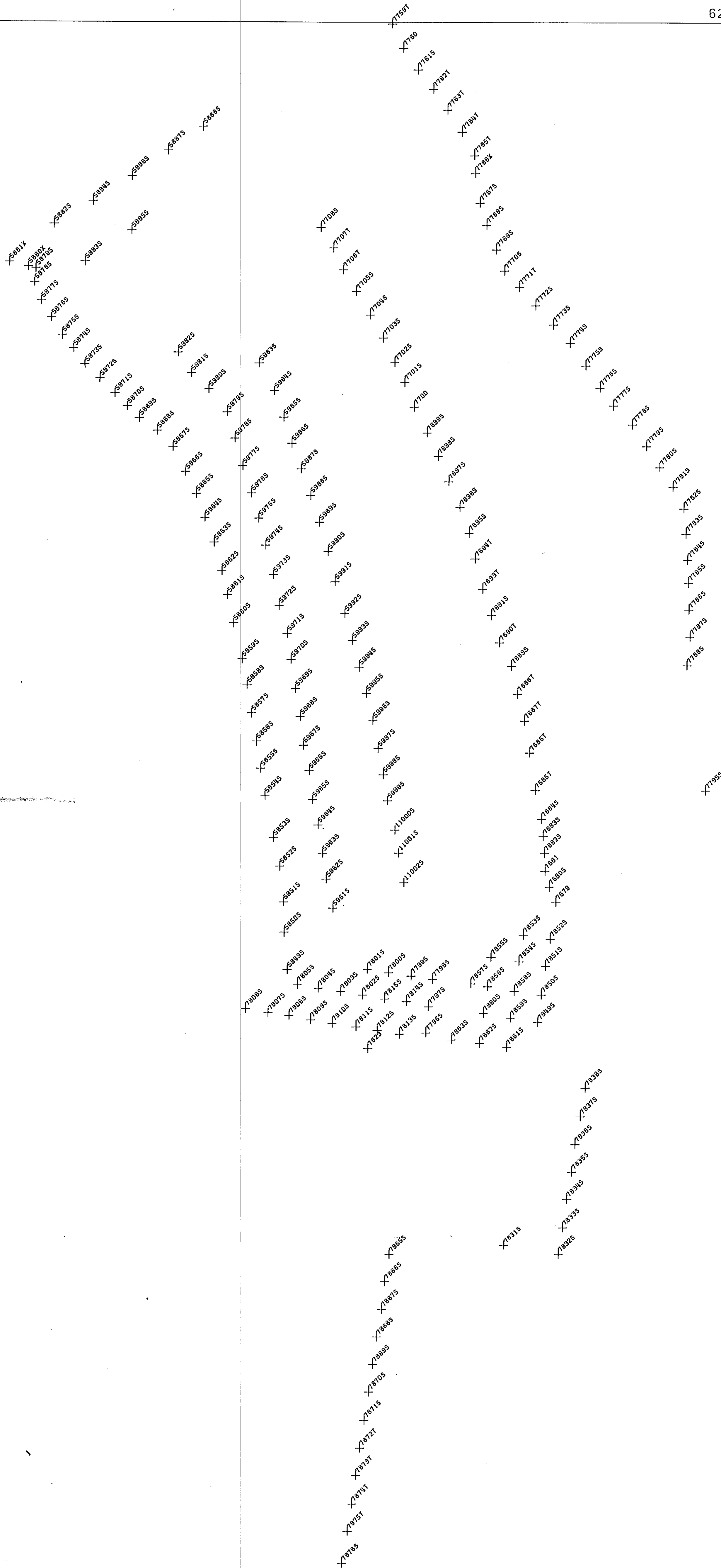
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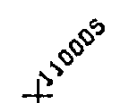
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ASSESSMENT REPORT

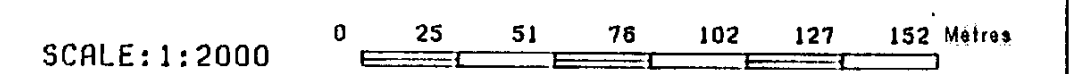
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PART 2 OF 2

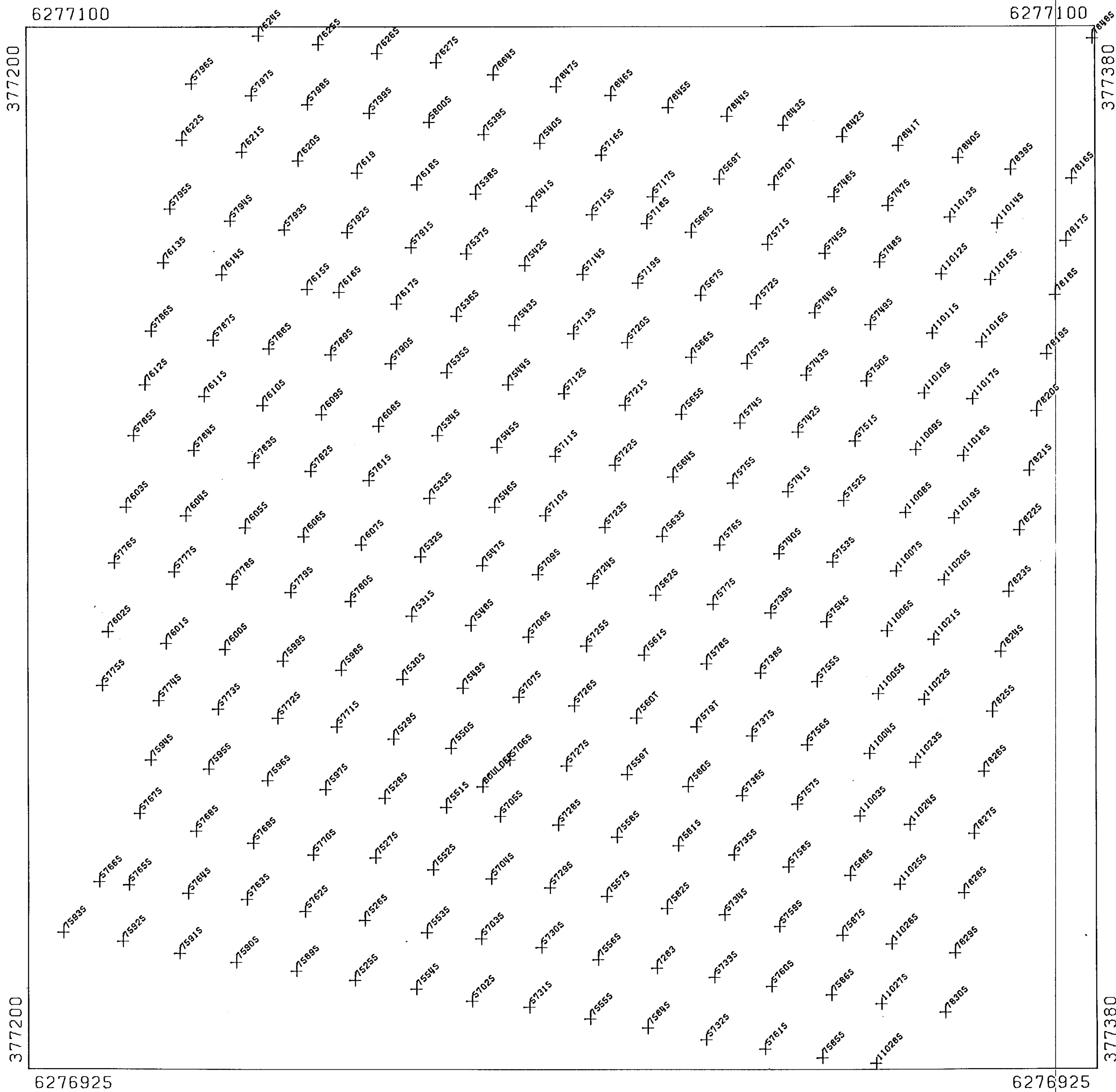


SAMPLE LOCATION
WITH SAMPLE ID

SOIL SAMPLE LOCATIONS




LONESTAR RESOURCES
ACTIVE MINERAL EXPLORATIONS
SNIPAKKER PROJECT
WOLVERINE CRIO

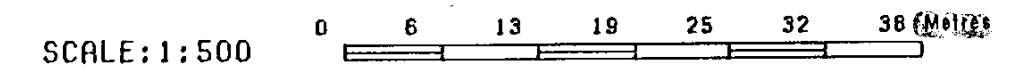


GEOLOGICAL BRANCH
ASSESSMENT REPORT

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PART 2 OF 2

SOIL SAMPLE LOCATIONS
 SAMPLE LOCATION WITH SAMPLE ID



LONESTAR RESOURCES
 ACTIVE MINERAL EXPLORATIONS
 SNIPAKKER PROJECT
 WOLVERINE GRID