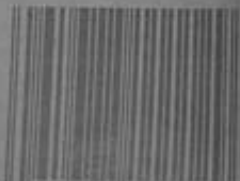


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PART 2  
OF  
3

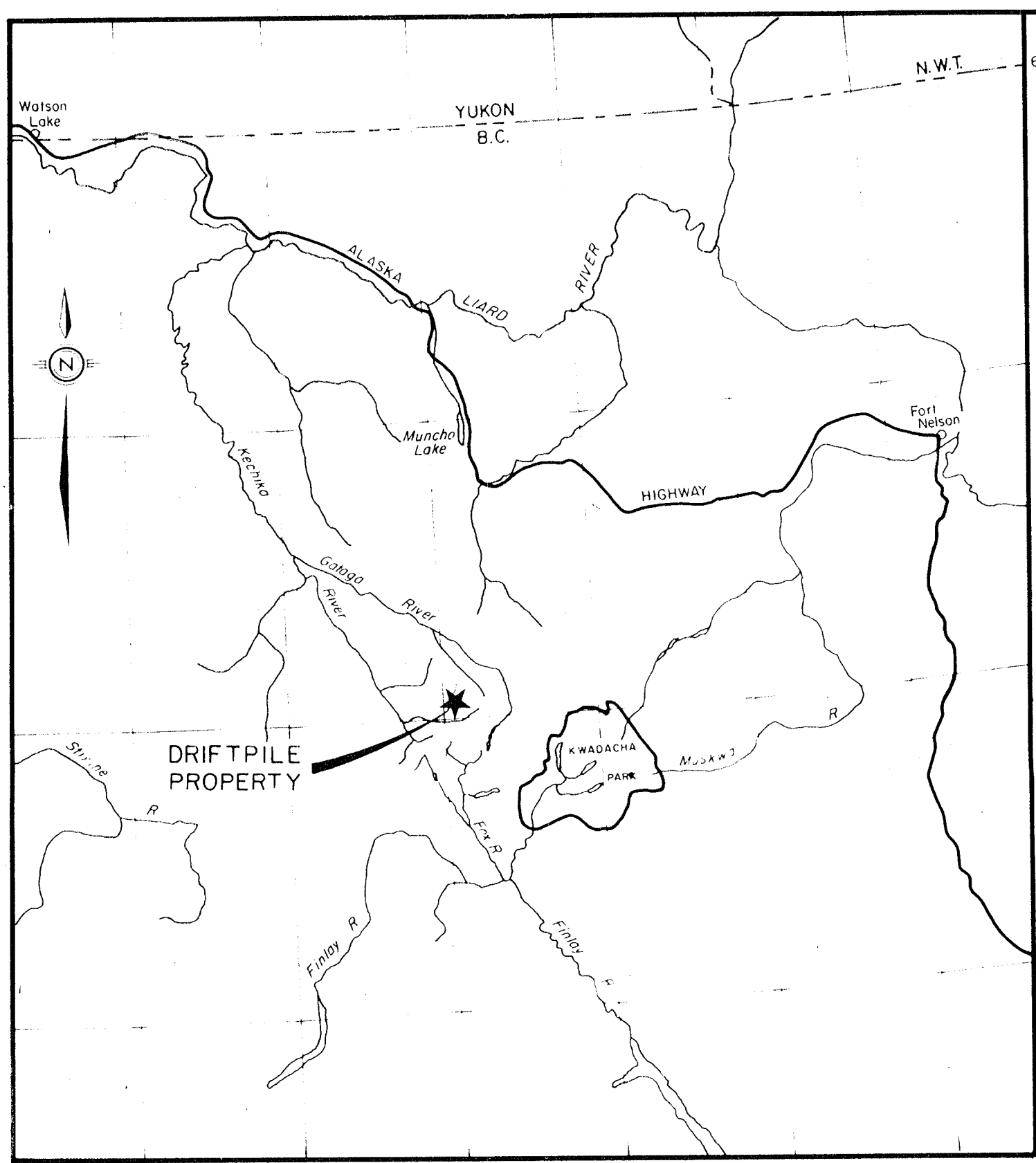


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consumer fibre  
100% de papier recyclé  
dont 60% de fibres  
postconsommation



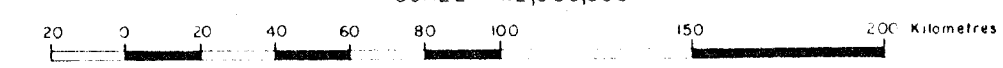
0 61688 11112 9





LOCATION MAP

SCALE 1:200,000



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LEGEND

- Area underlain by alluvium
- Swampy area
- Area underlain by glacial gravels
- Pleistocene lakeshore deposit
- Break in slope
- Ridge crest

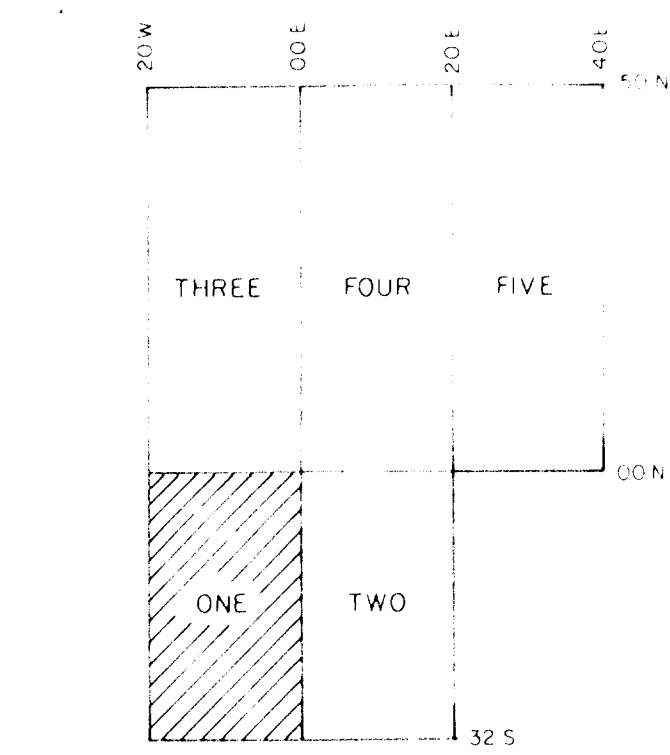
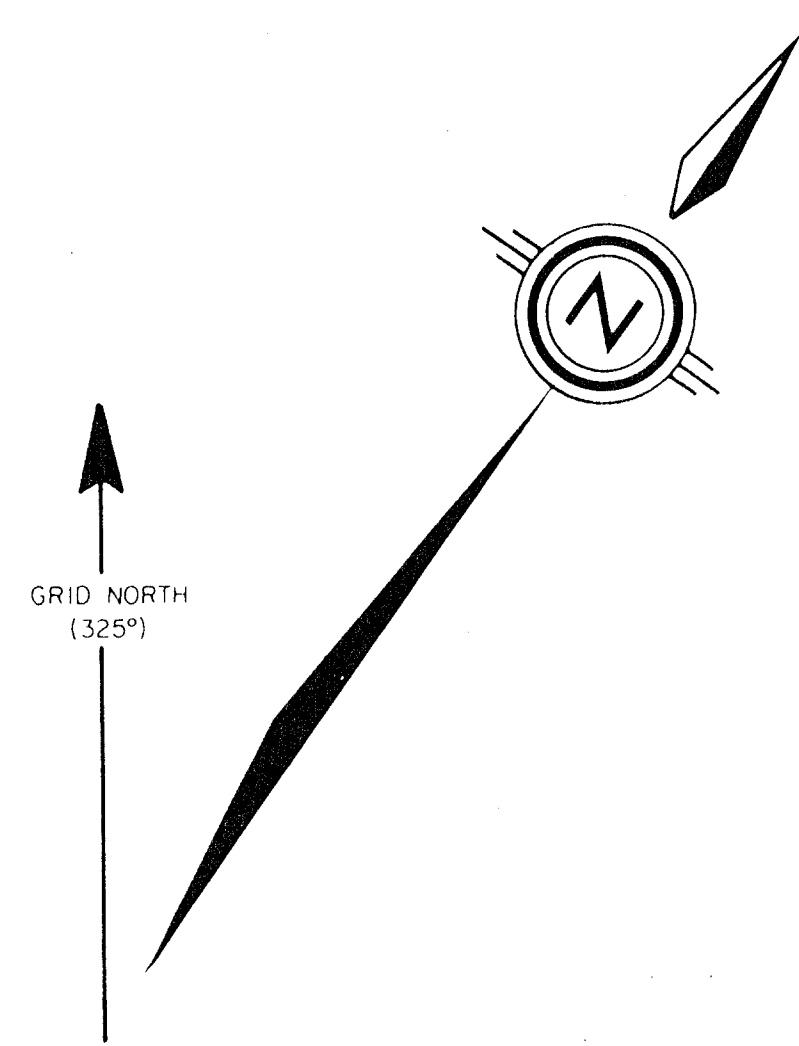
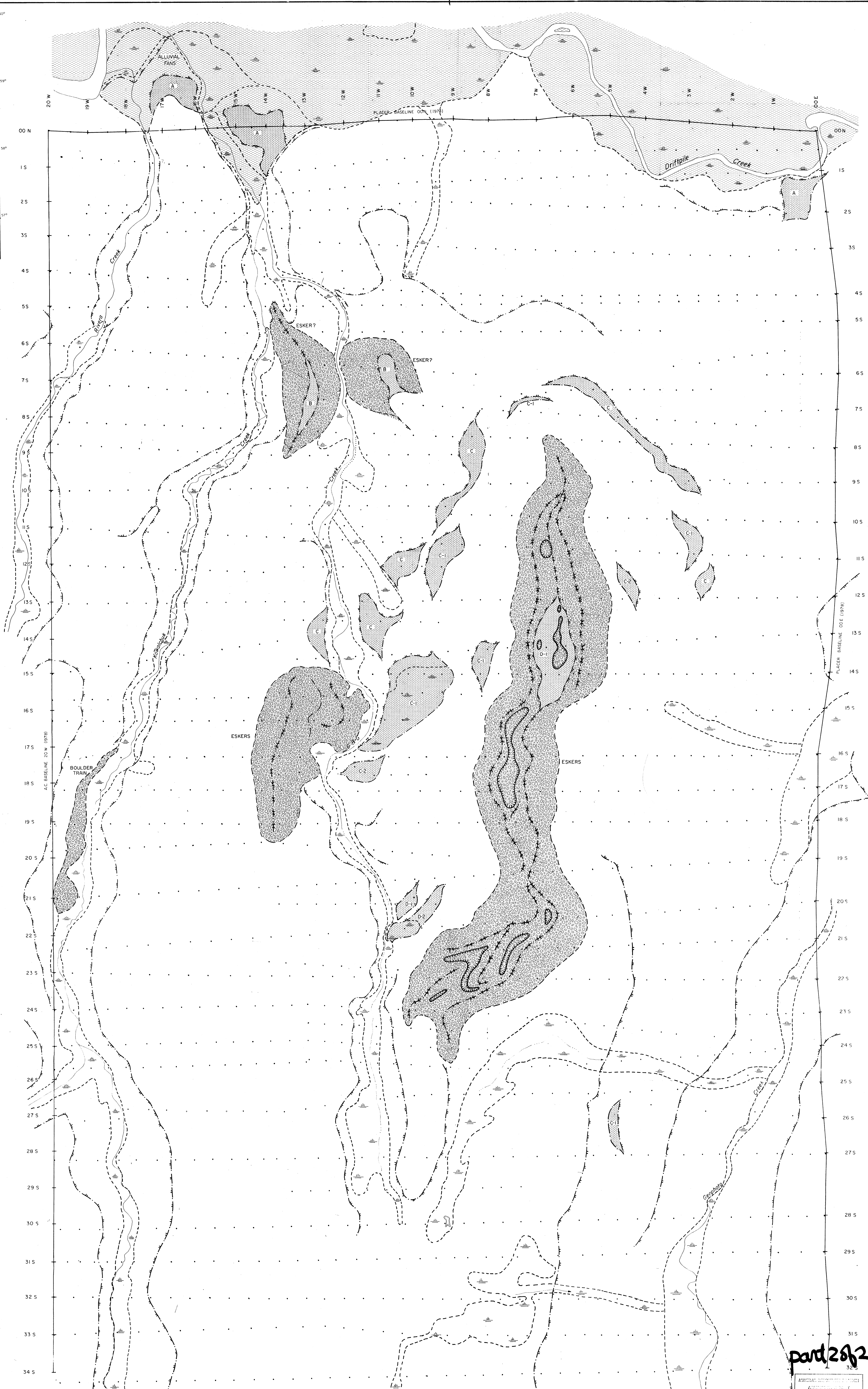
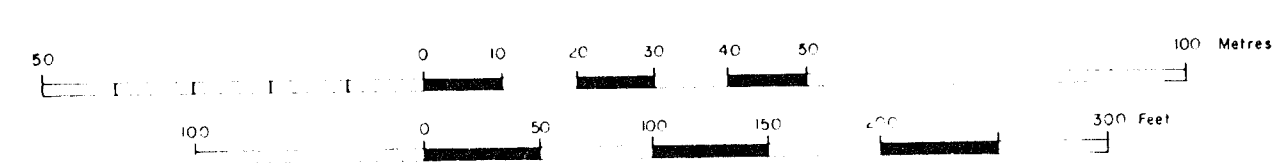


FIG. 3  
 GEOMORPHOLOGY  
 DRIFTPILE PROPERTY  
 MAP AREA ONE  
 GATAGA JOINT VENTURE

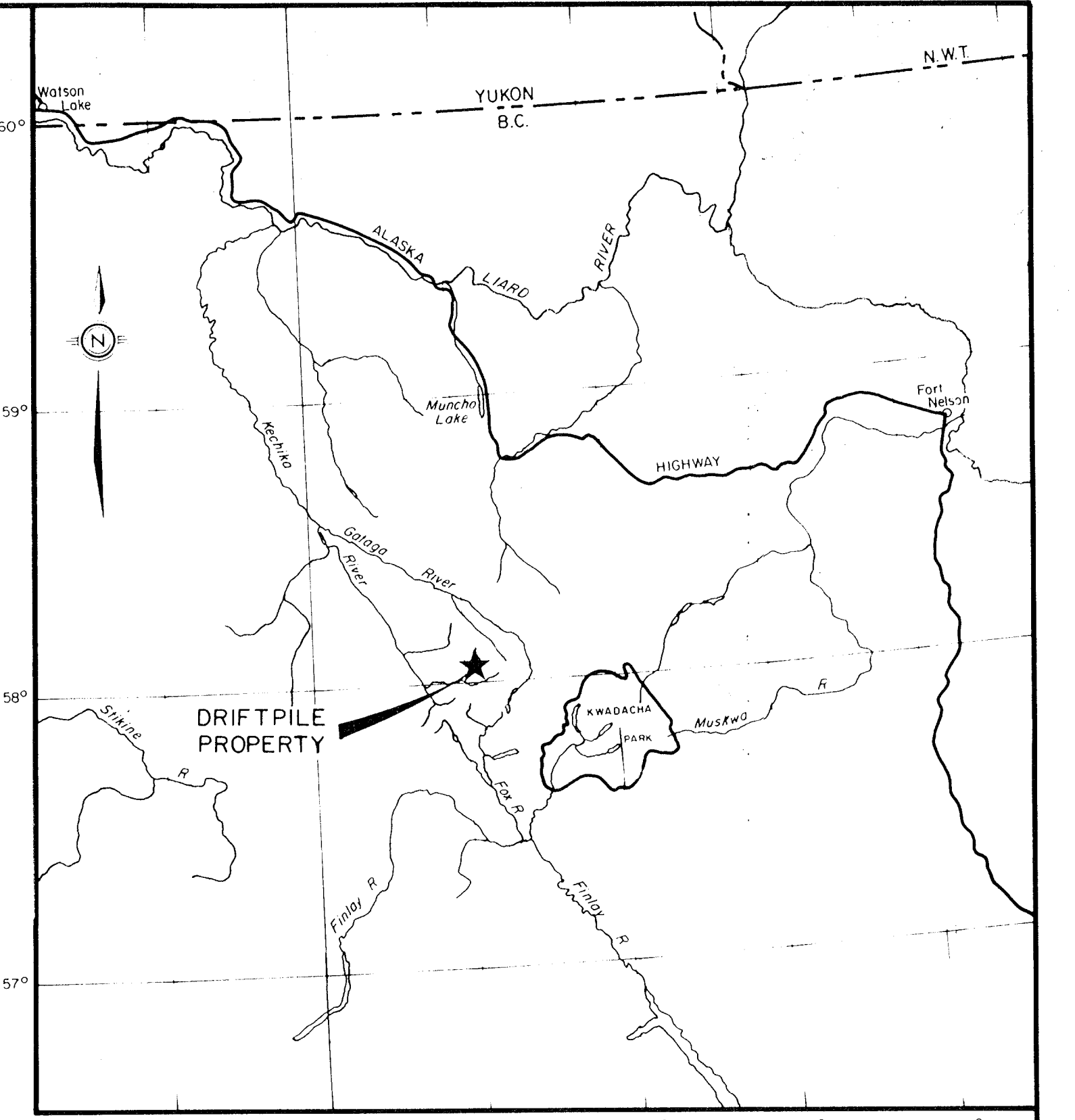
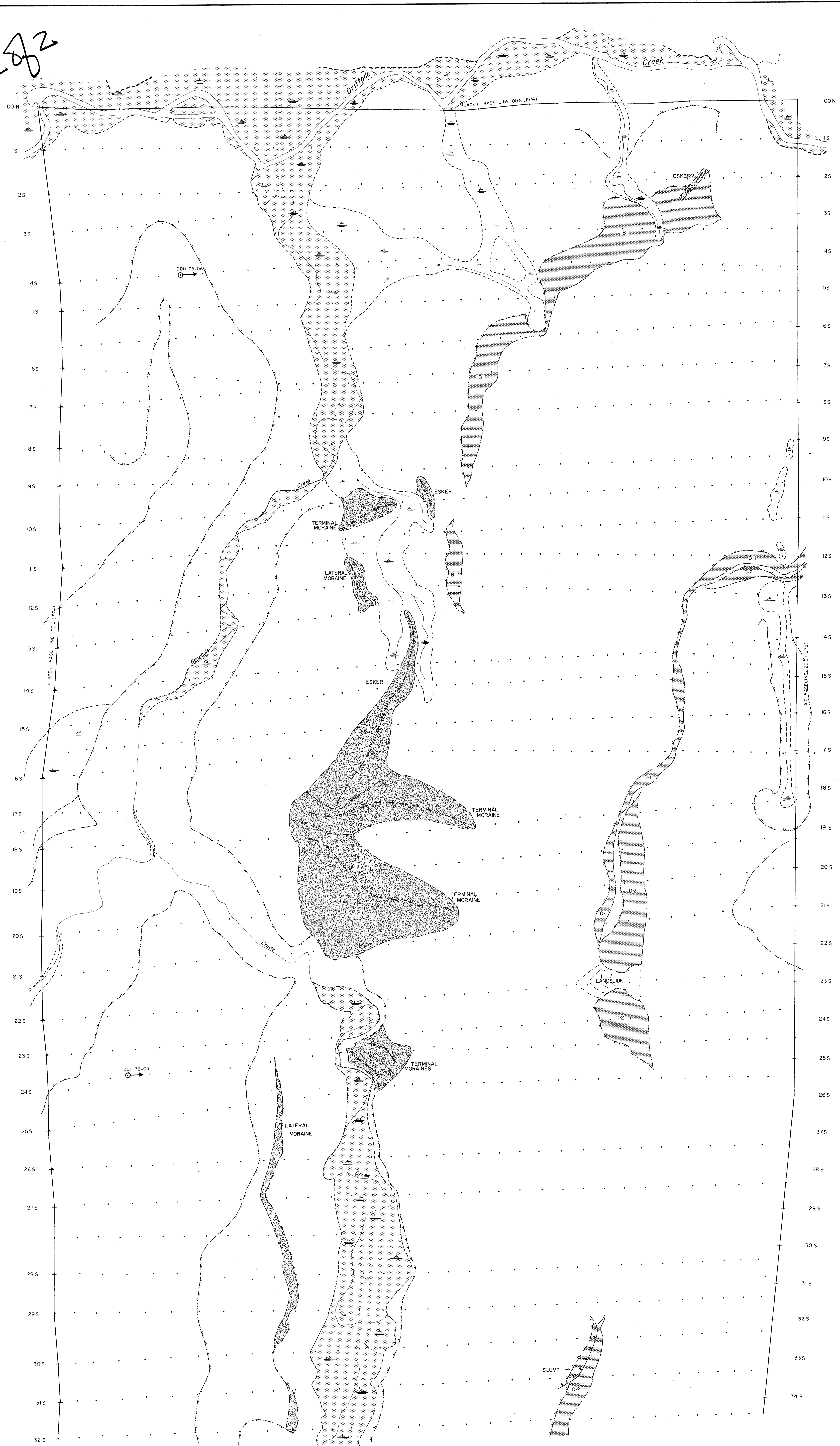
SCALE 1:1000



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 7149



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part 282



LOCATION MAP  
SCALE 1:2,000,000

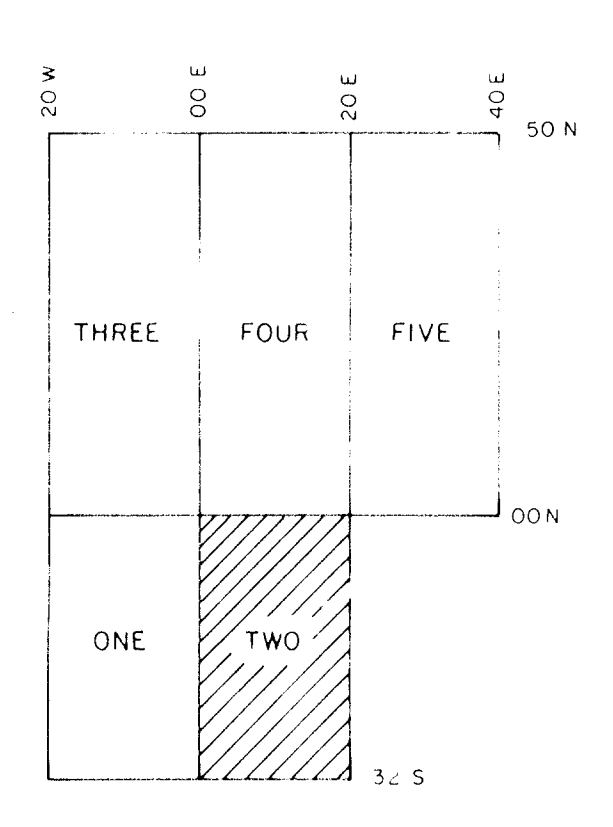
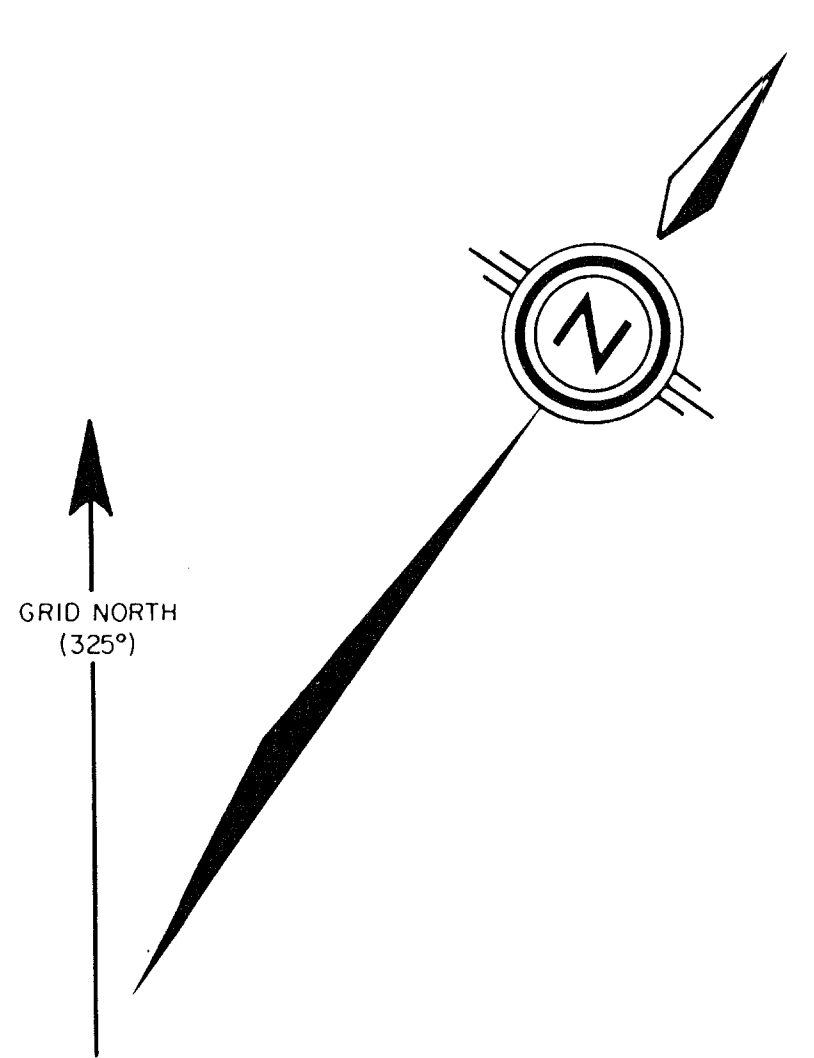
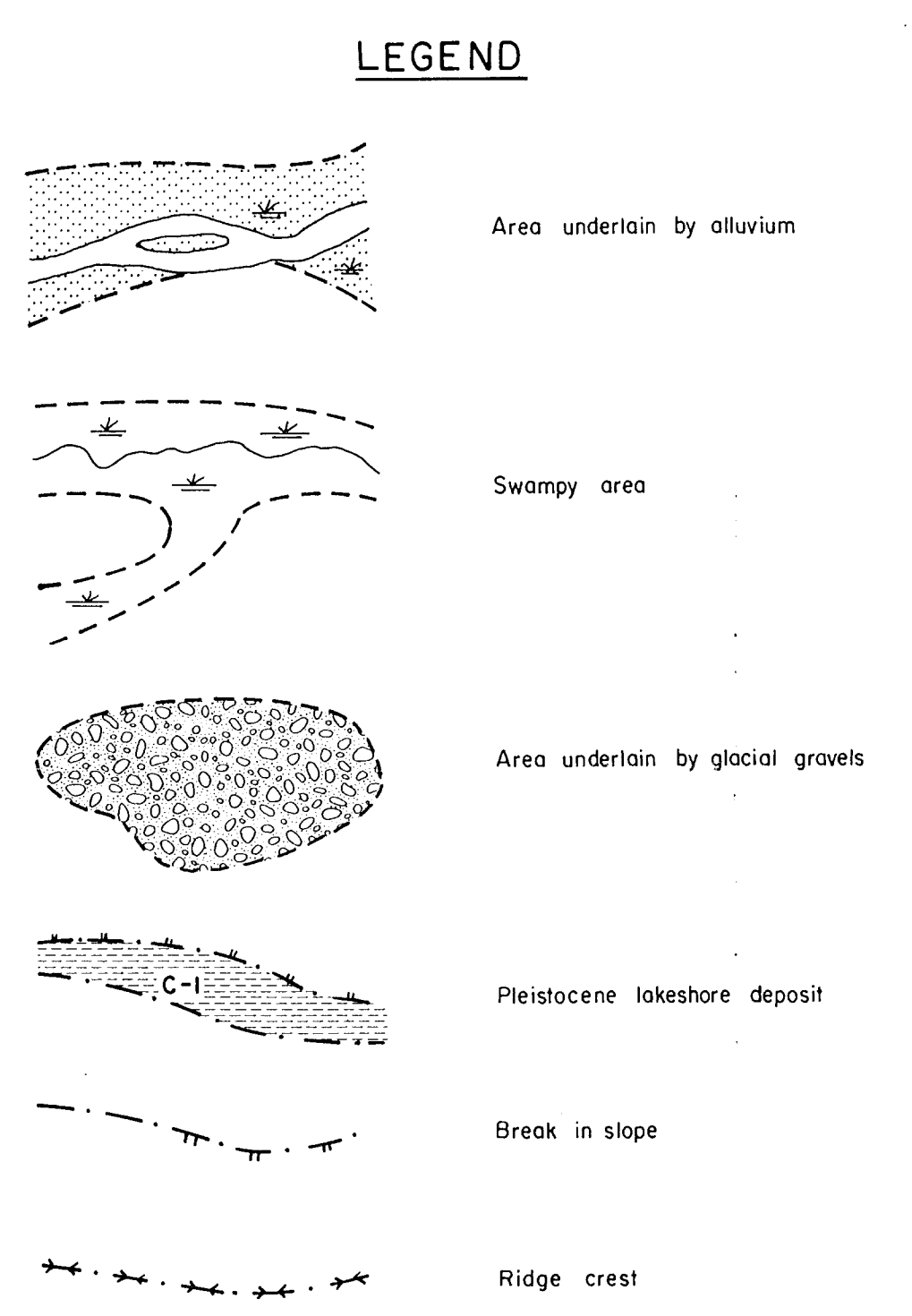
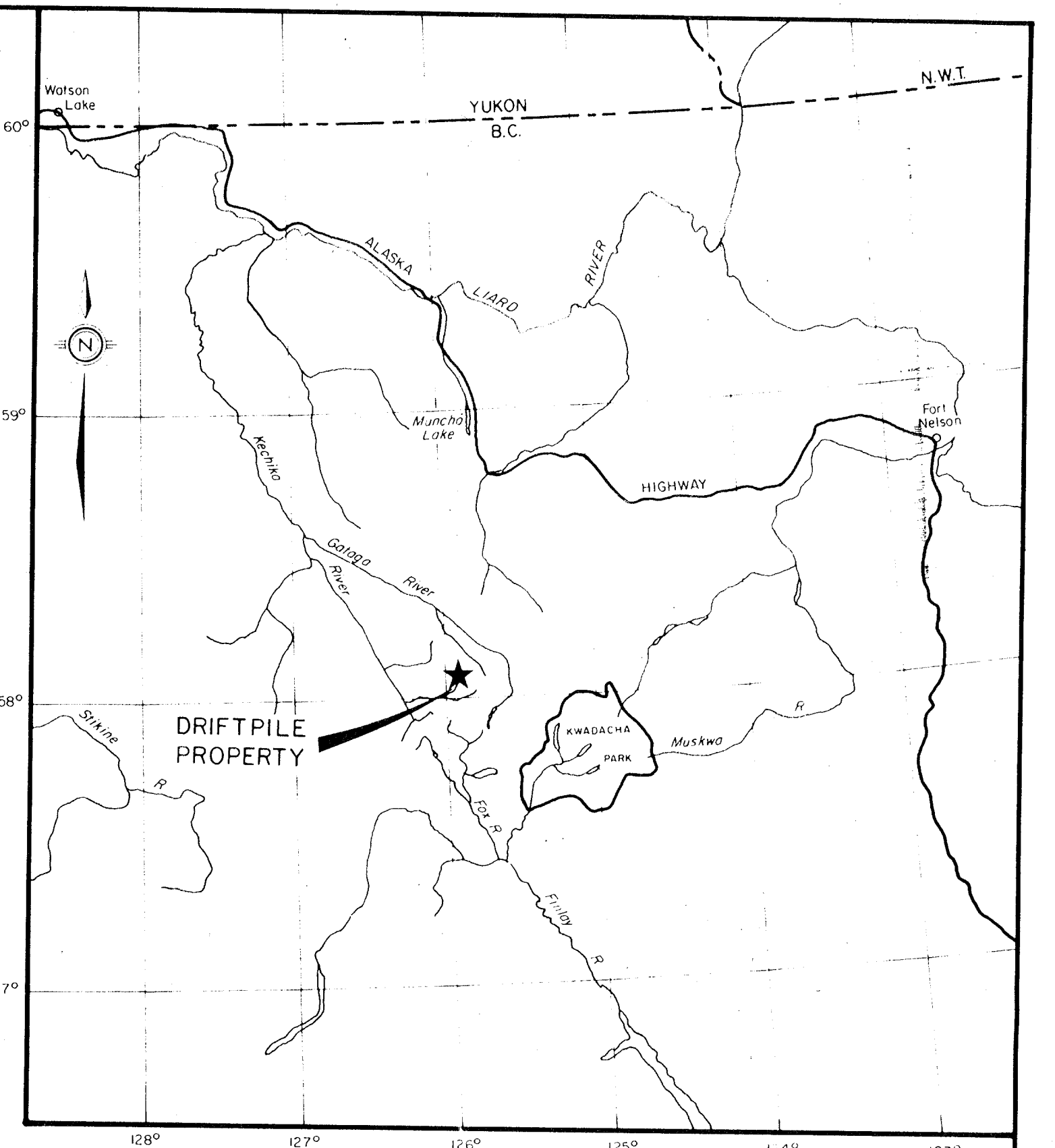


FIG. 4  
ANCHER, CATHRO & ASSOCIATES LTD.  
**GEOMORPHOLOGY**  
DRIFT PILE PROPERTY  
MAP AREA TWO  
GATAGA JOINT VENTURE  
SCALE 1:5000  
**7149**  
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part 282

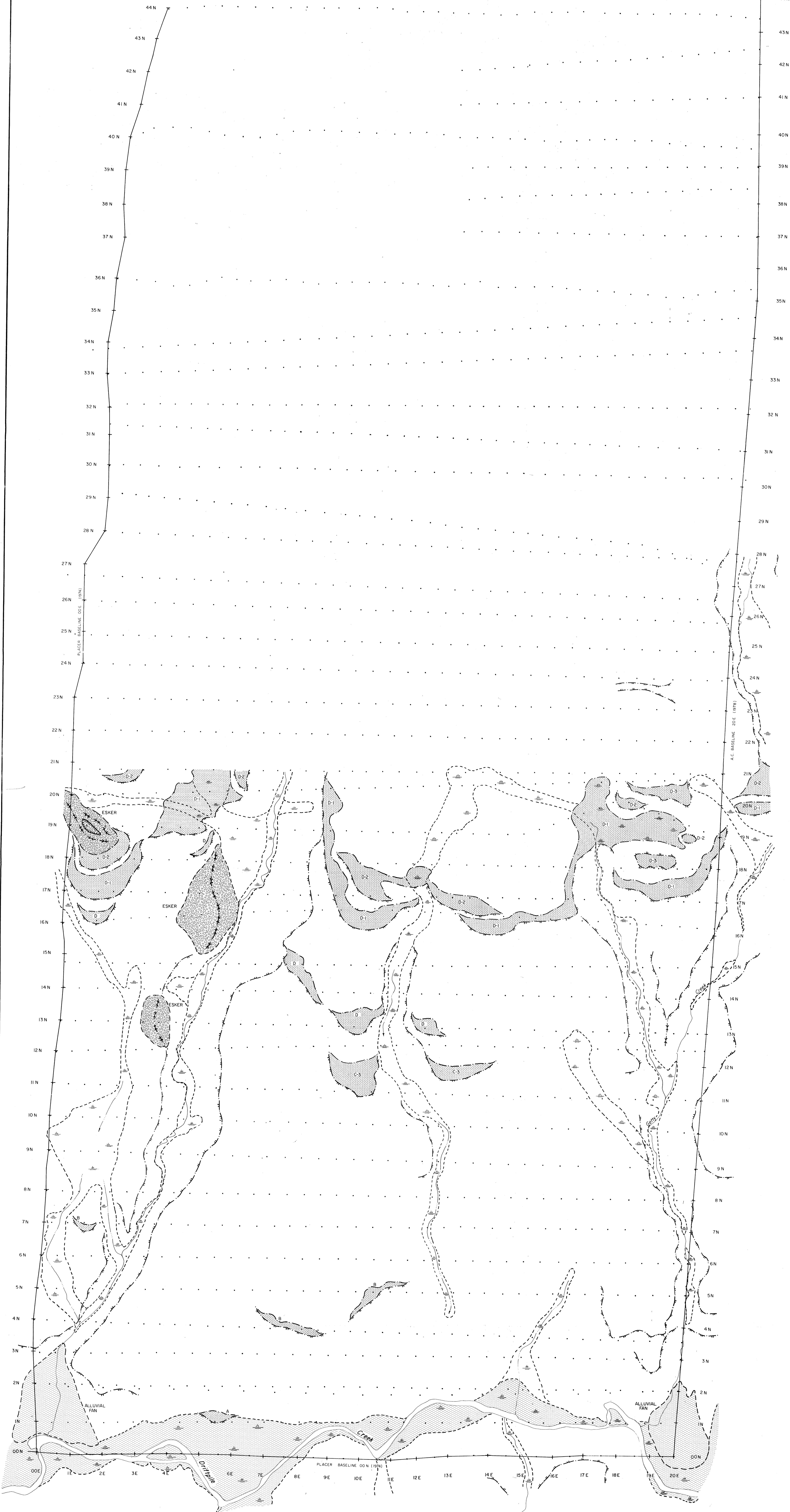


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part 2 of 2



LOCATION MAP

SCALE: 1:50,000



LEGEND

- Area underlain by alluvium
- Swampy area
- Area underlain by glacial gravels
- Residual lakebed deposit
- Break in slope
- Ridge crest

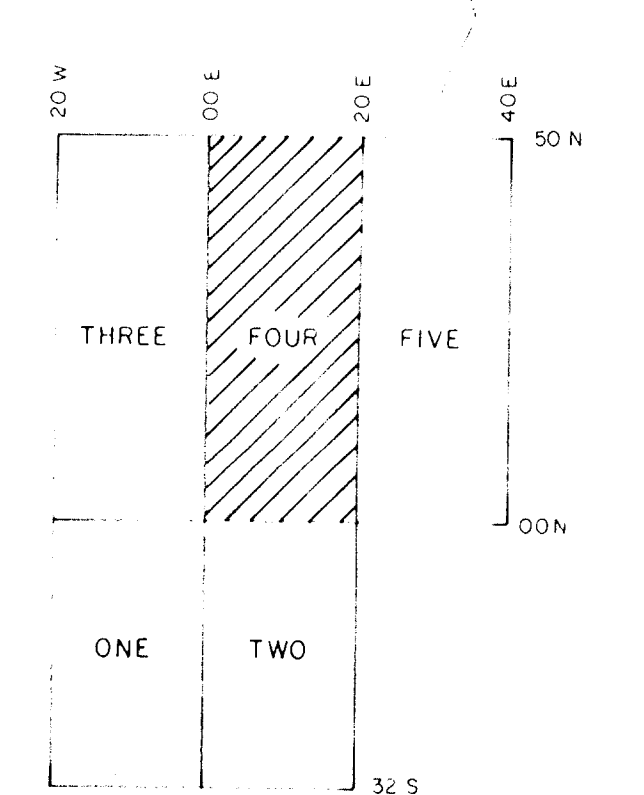
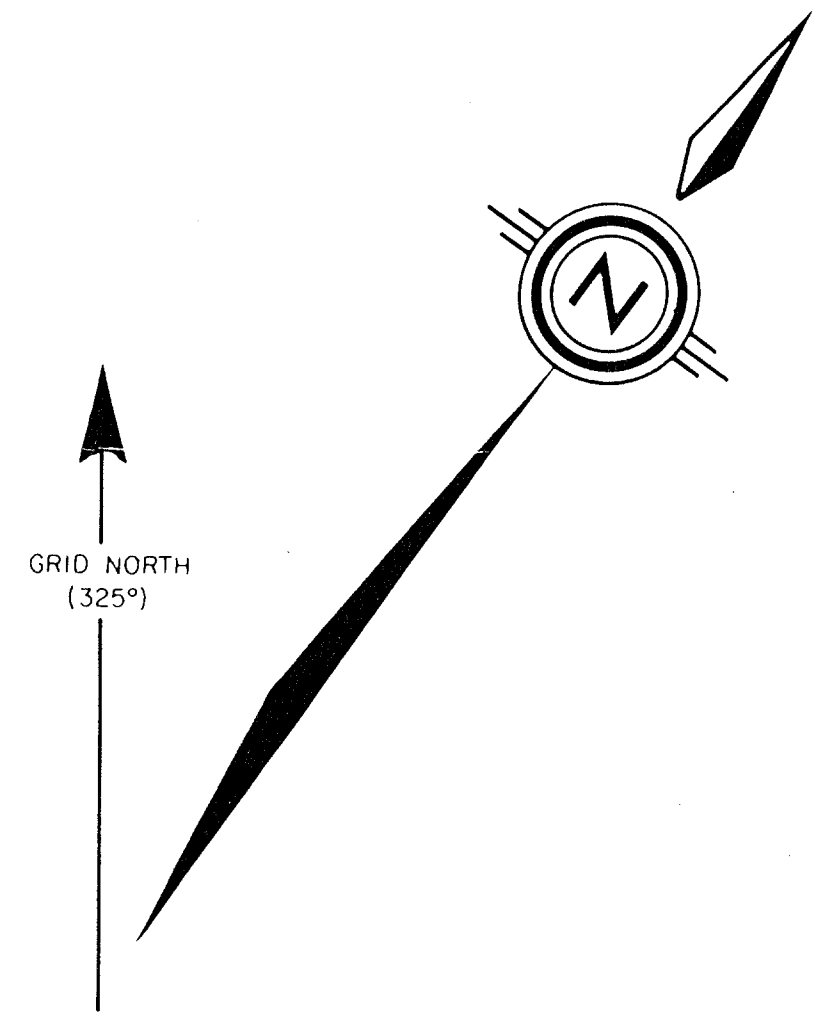


FIG. 5  
ARTHUR, CARTER & ASSOCIATES LTD.  
**GEOMORPHOLOGY**  
DRIFTPILE PROPERTY  
MAP AREA FOUR  
GATAGA JOINT VENTURE

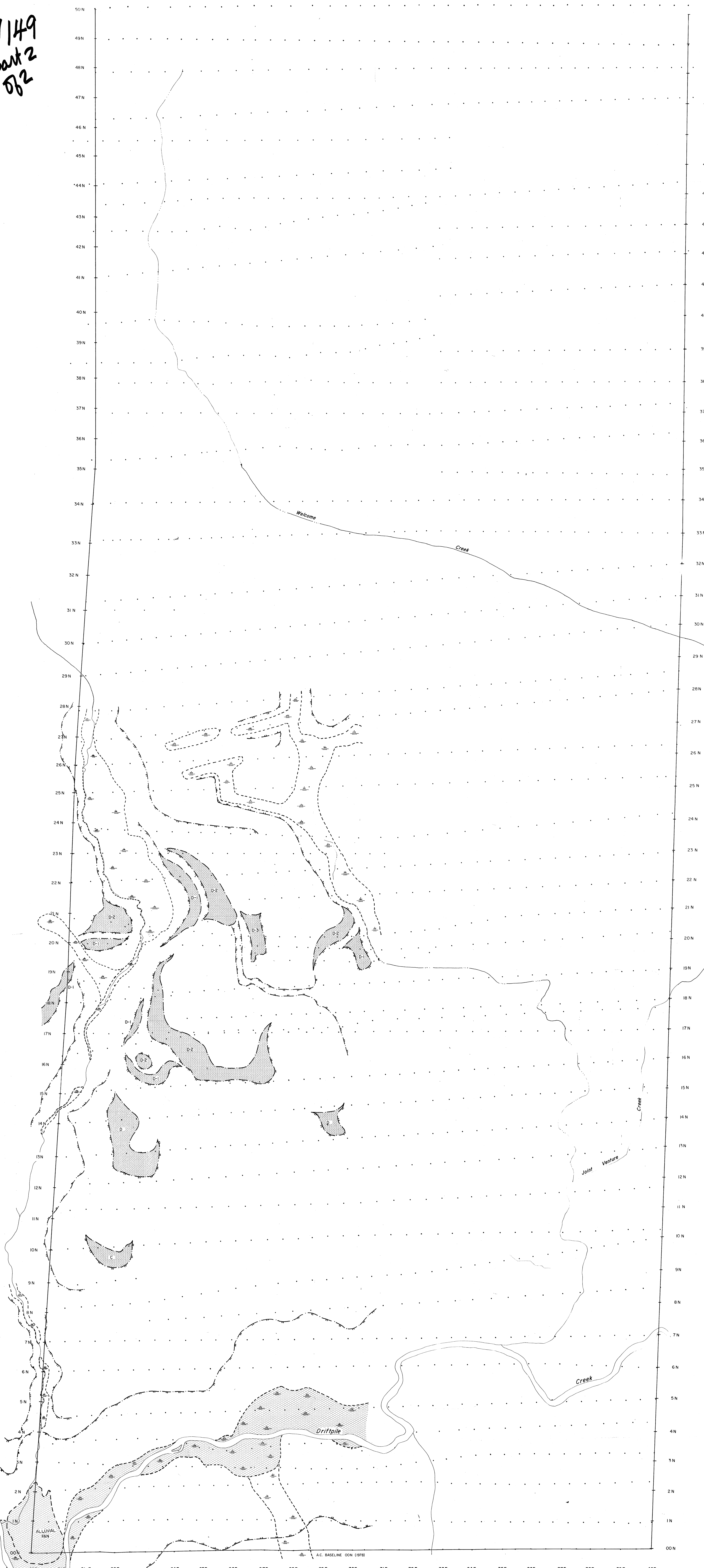
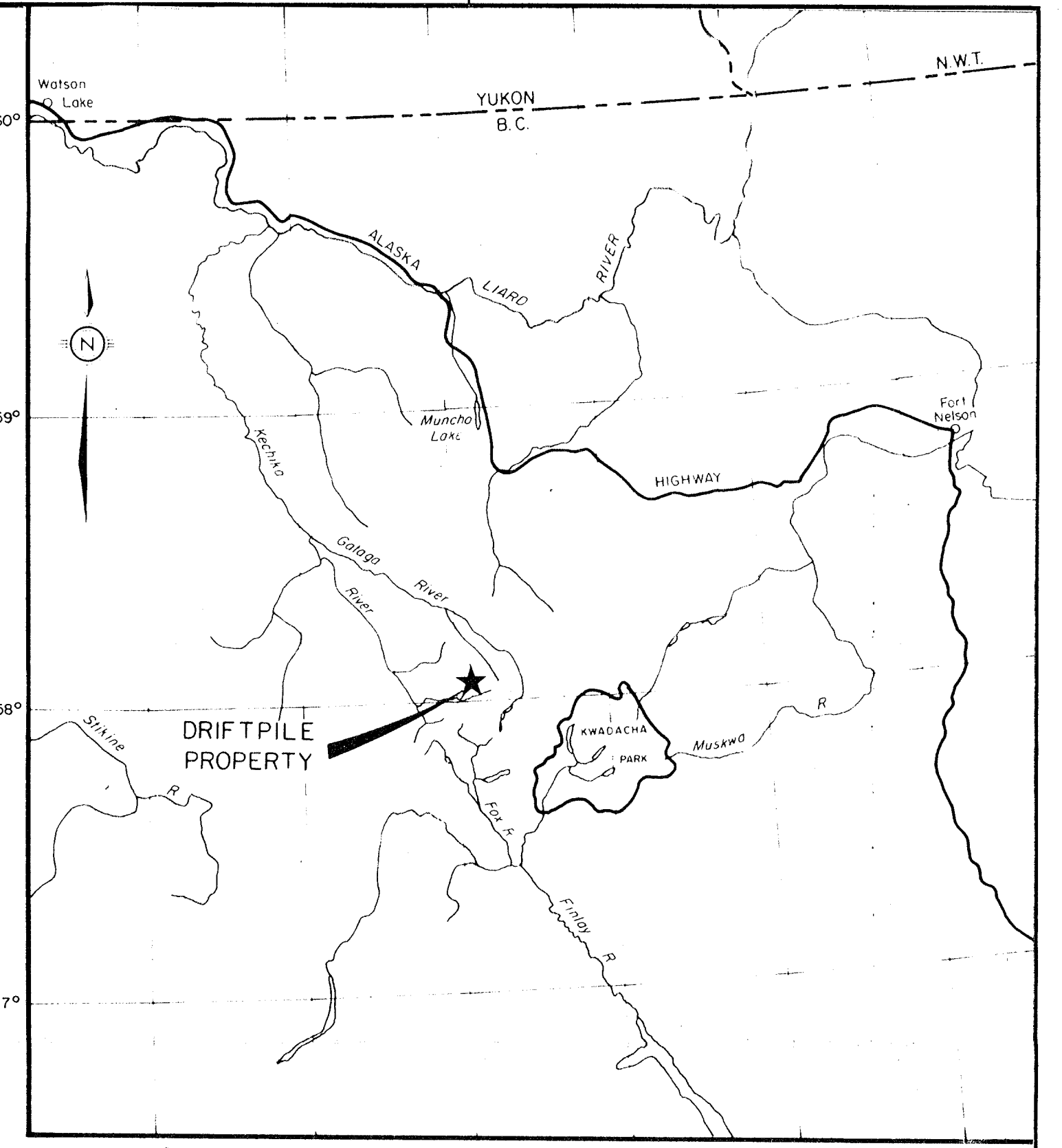
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part 2  
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LEGEND

- Area underlain by alluvium
- Swampy area
- Area underlain by glacial gravels
- Platensene lakebed deposit
- Break in slope
- Ridge crest

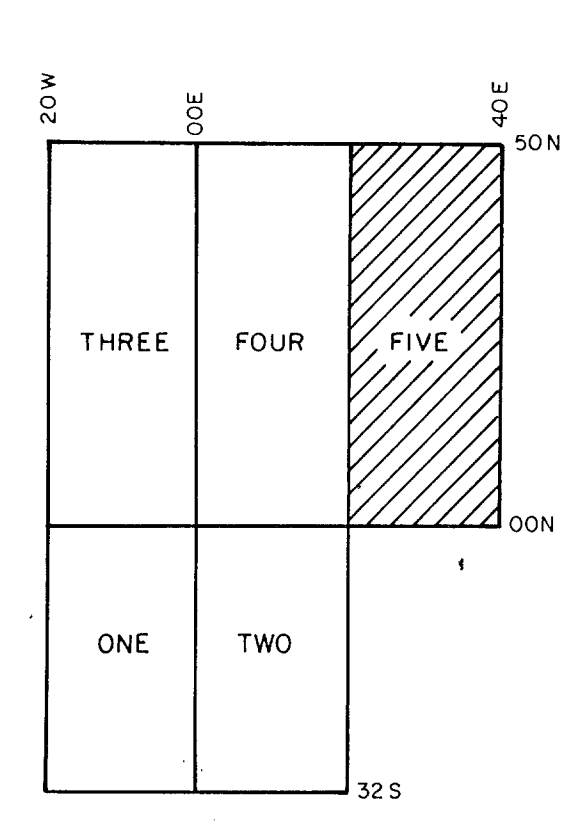
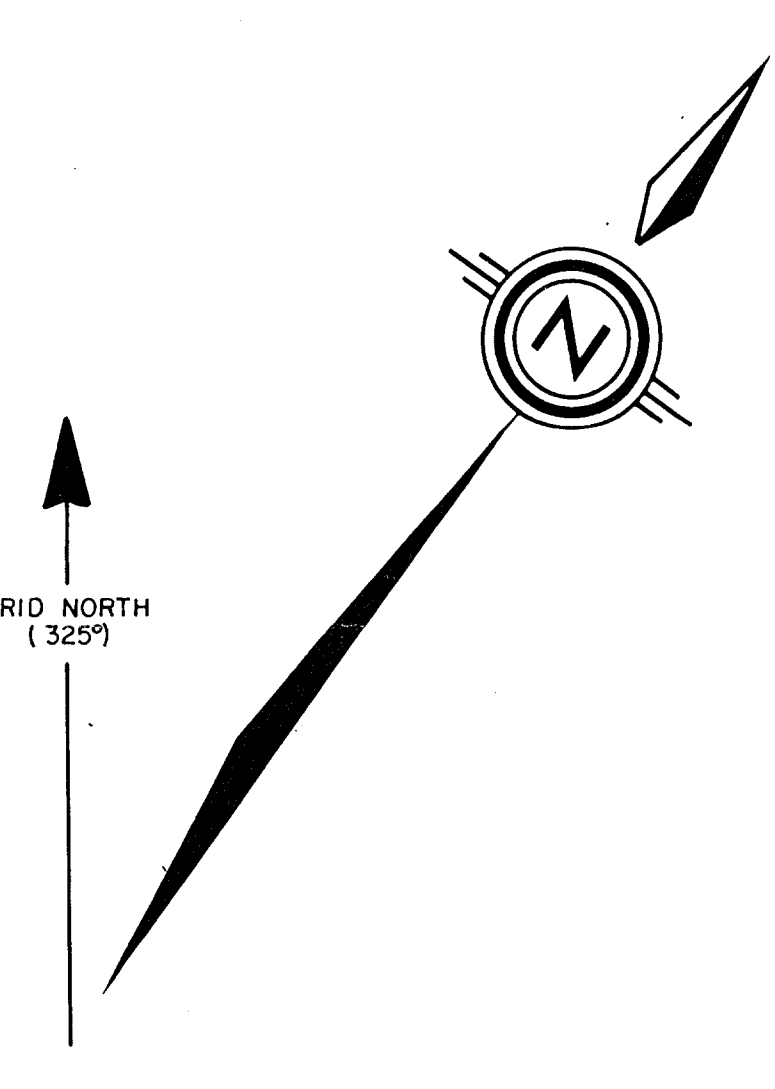
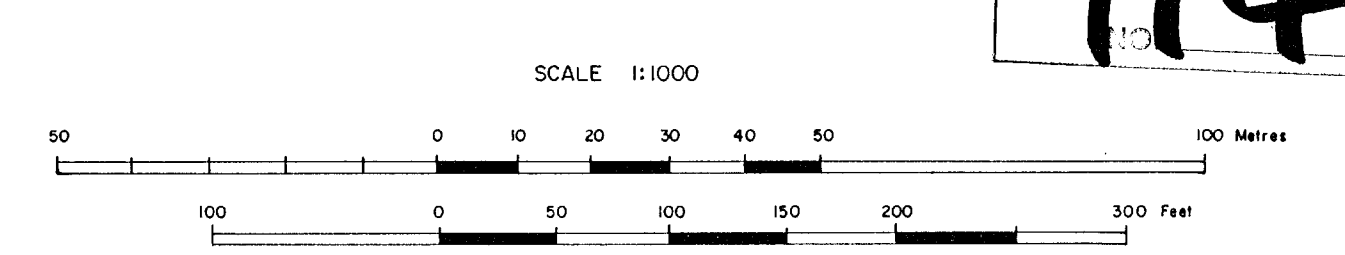


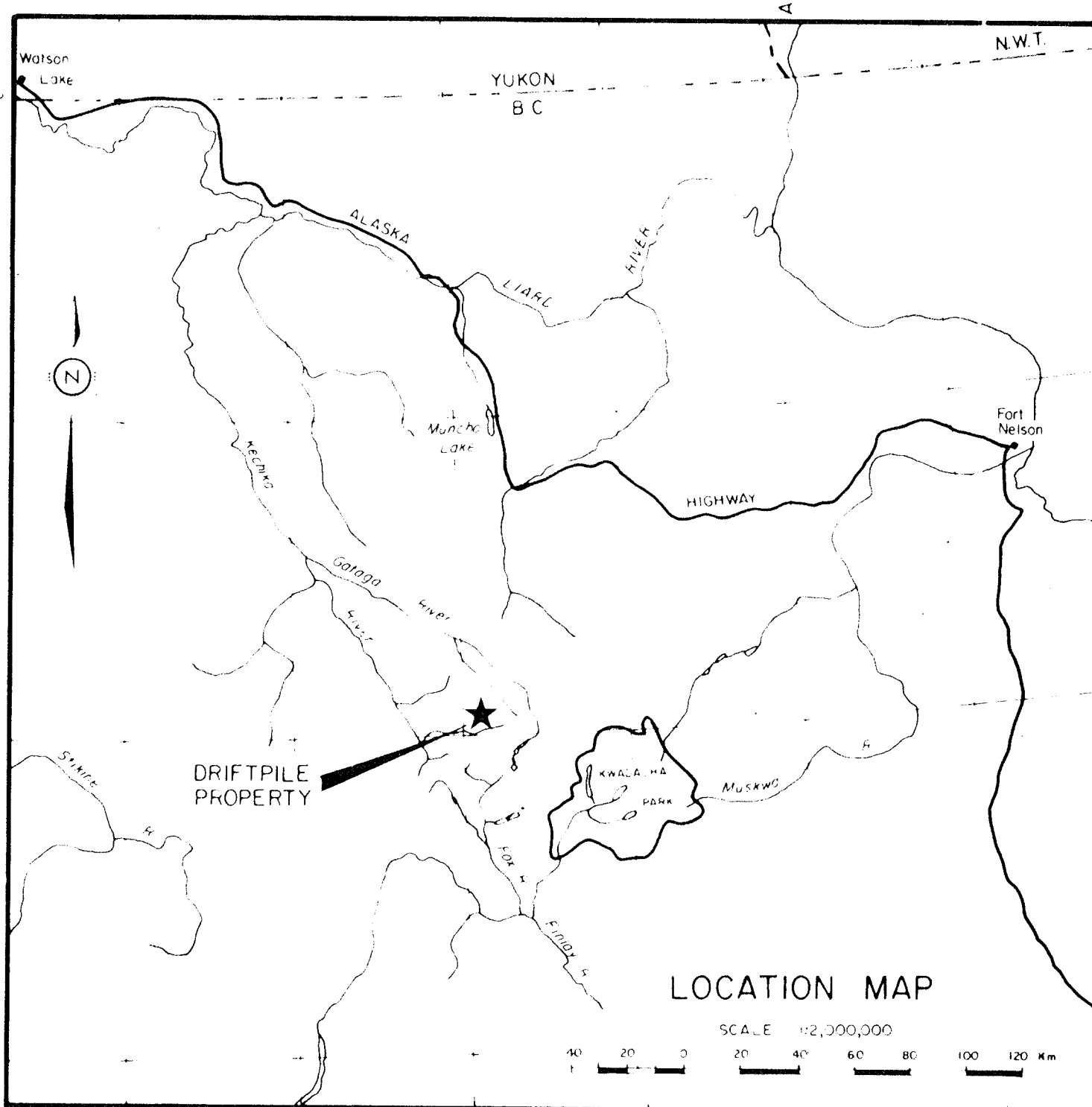
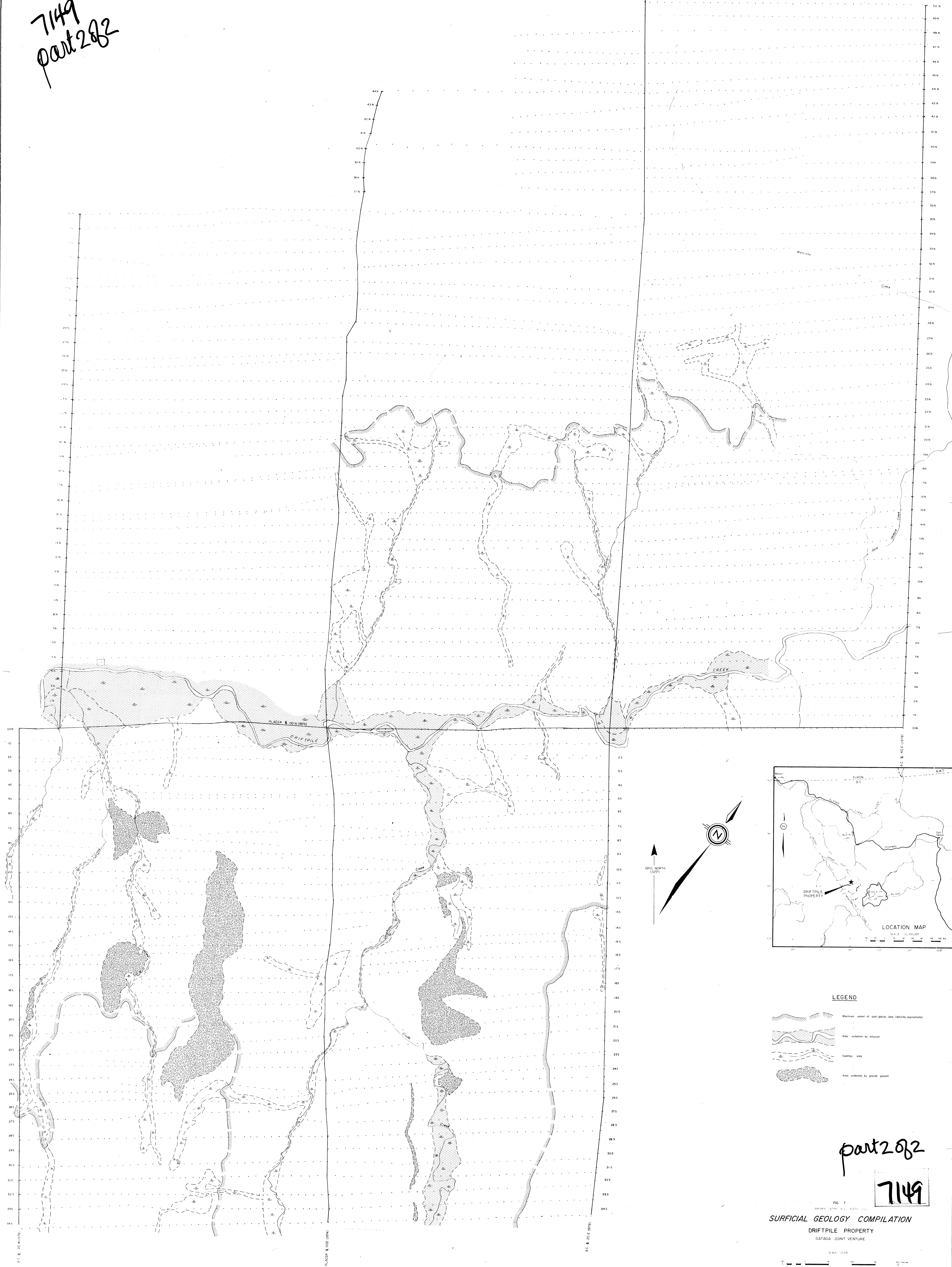
FIG. 6  
ARCHEL, CATHER & ASSOCIATES LTD  
**GEOMORPHOLOGY**  
DRIFTPILE PROPERTY  
MAP AREA FIVE  
GATAGA JOINT VENTURE

part 2  
062  
7149





7149  
part 282



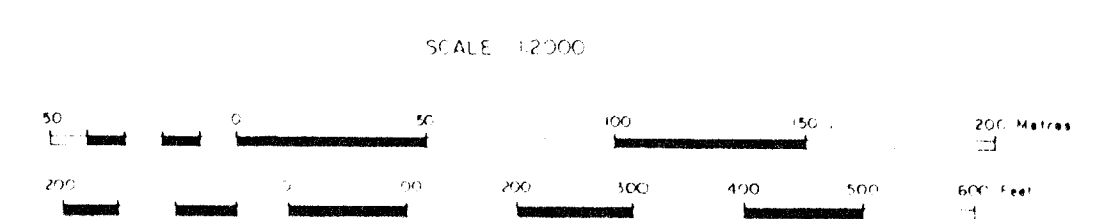
LEGEND

- Maximum extent of 6000 glacial lake (dashed, openwork)
- Area underlain by alluvium
- Swampy area
- Area underlain by glacial gravels

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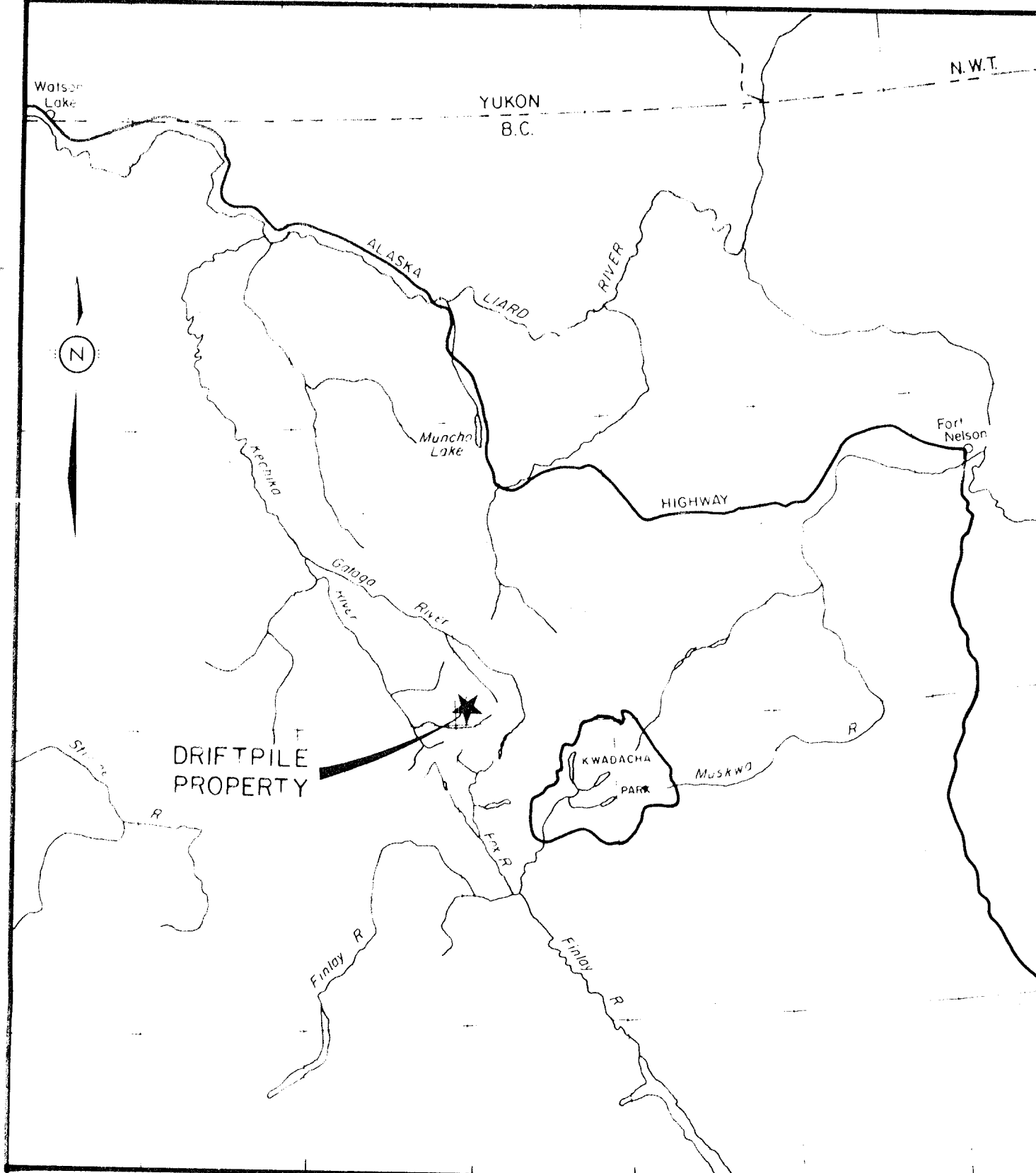
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FIG. 7  
SURFICIAL GEOLOGY COMPILATION  
DRIFTPILE PROPERTY  
GATAGA JOINT VENTURE



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LOCATION MAP  
SCALE 1:2,000,000

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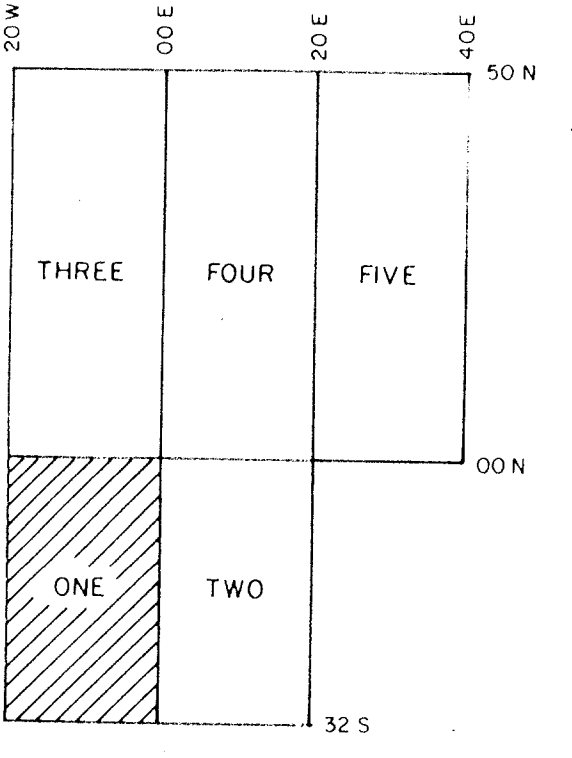
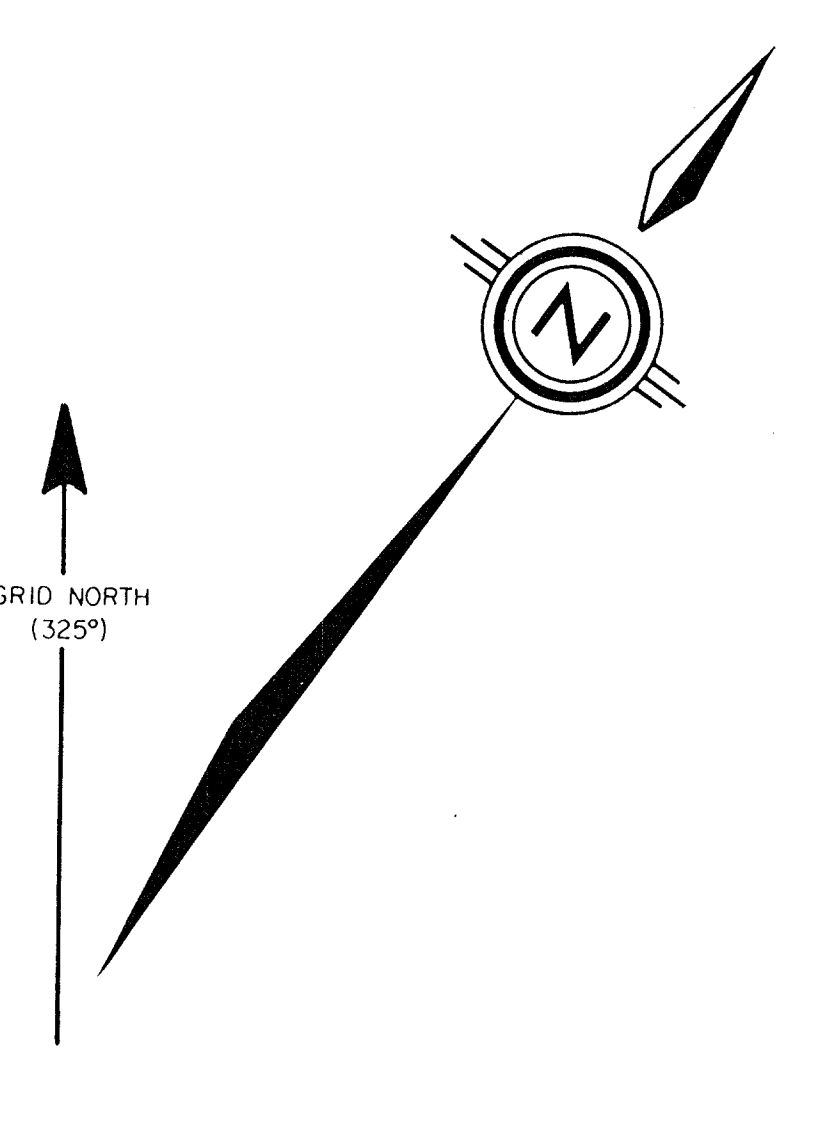
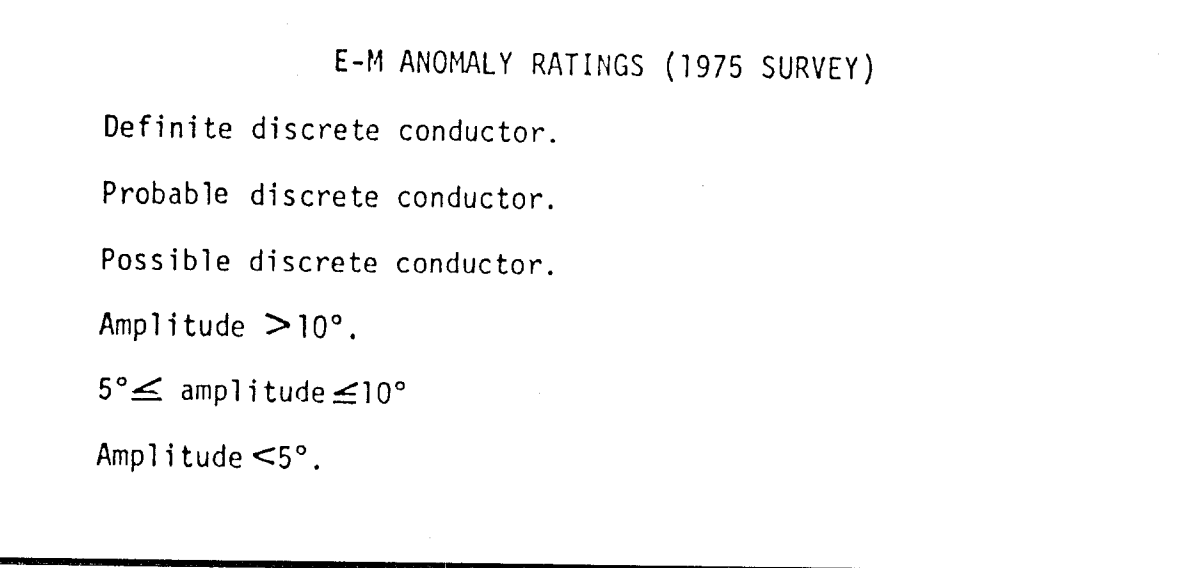
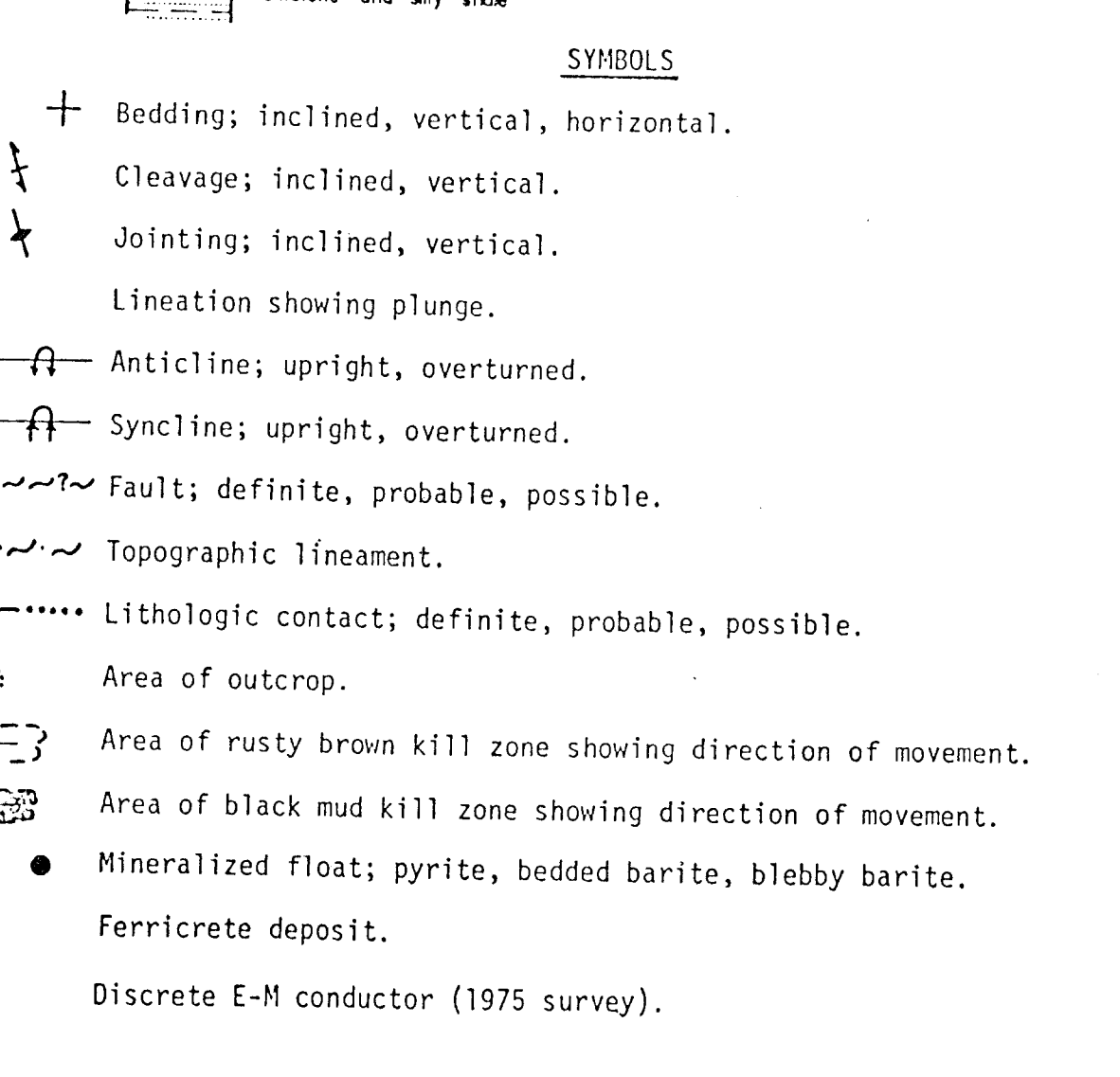
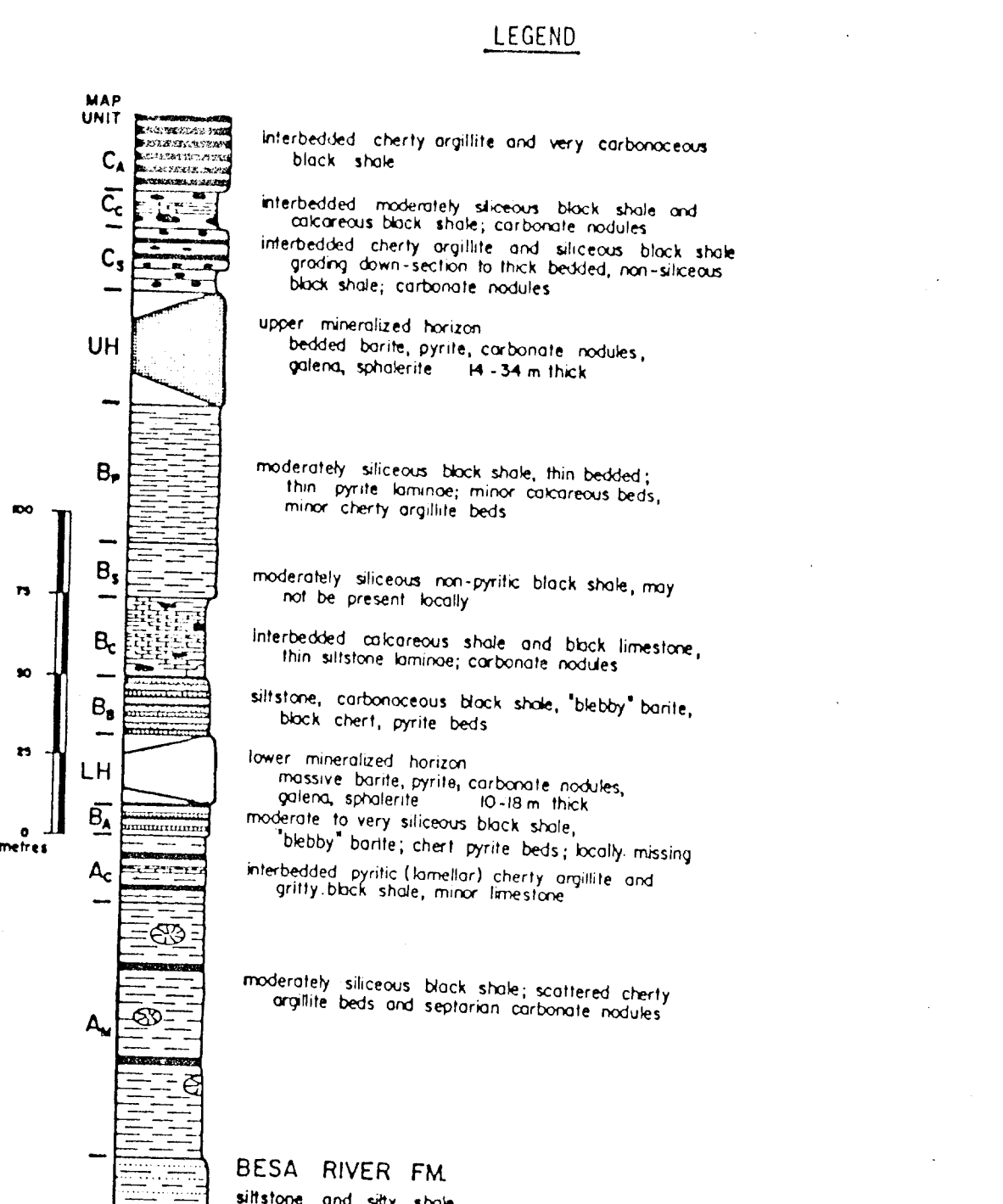
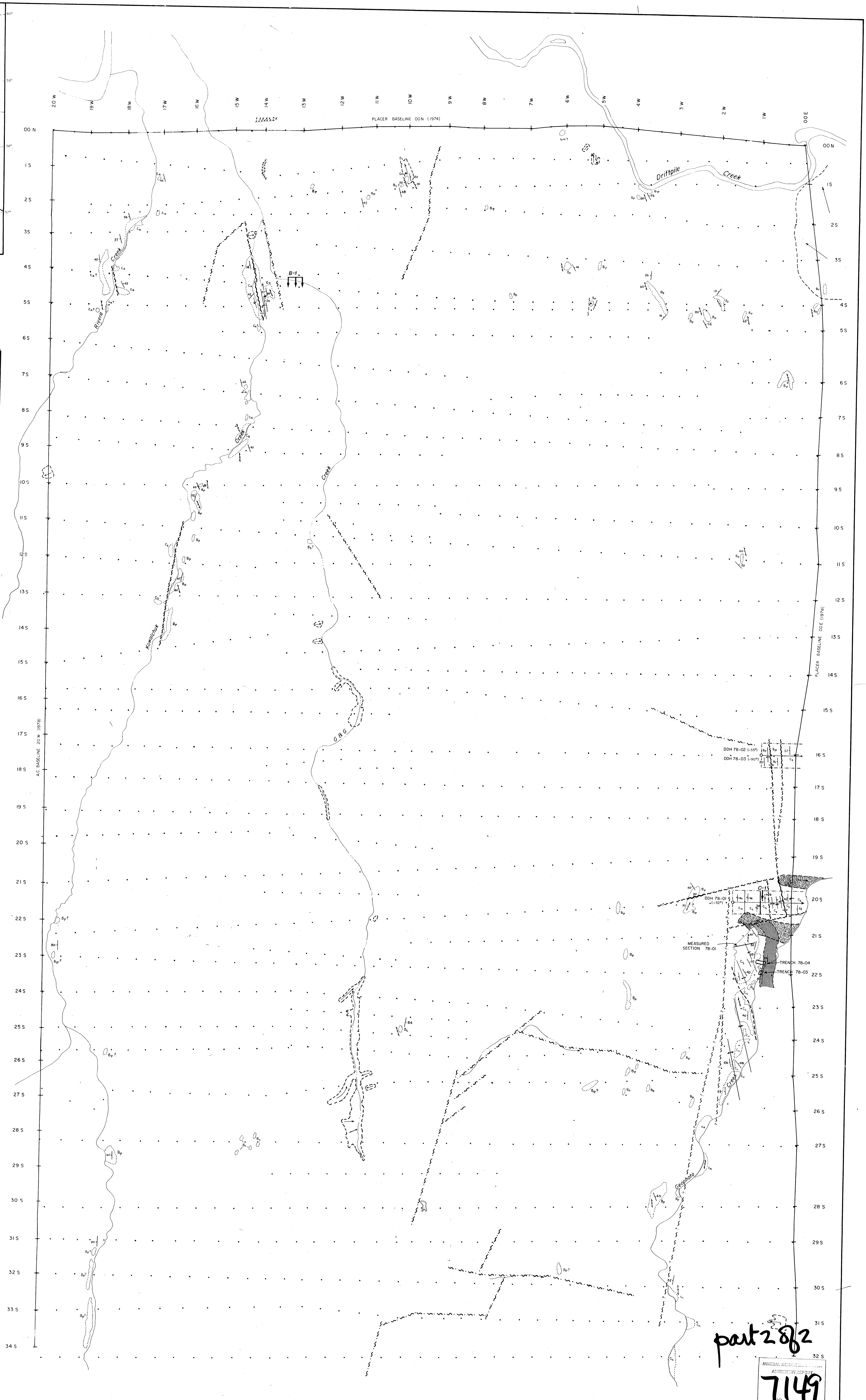
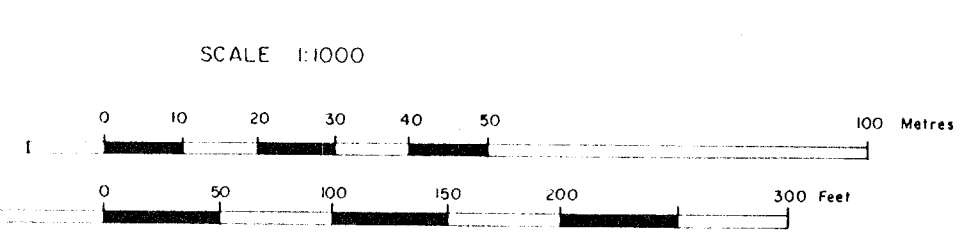


FIG. 9  
GEOLOGY  
DRIFTPILE PROPERTY  
MAP AREA ONE  
GATAGA JOINT VENTURE



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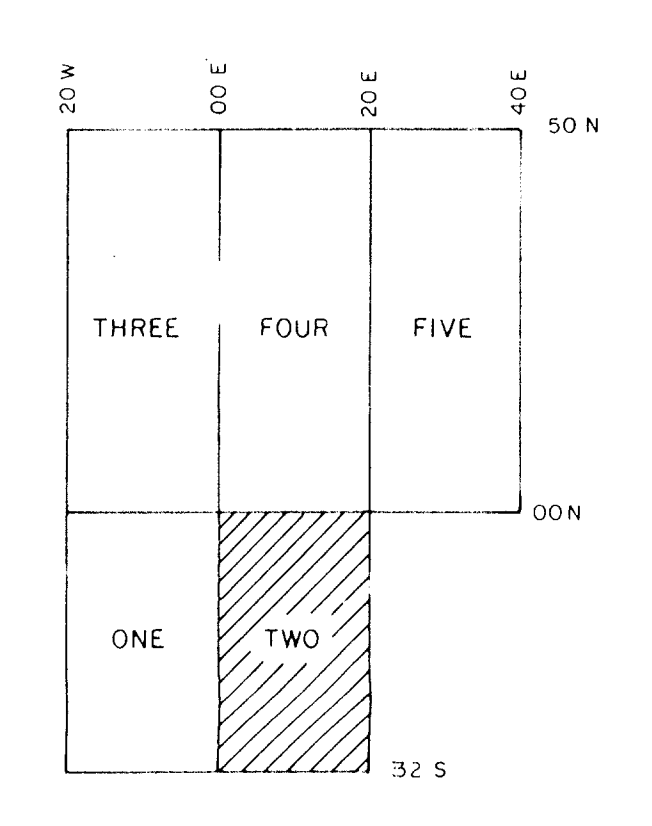
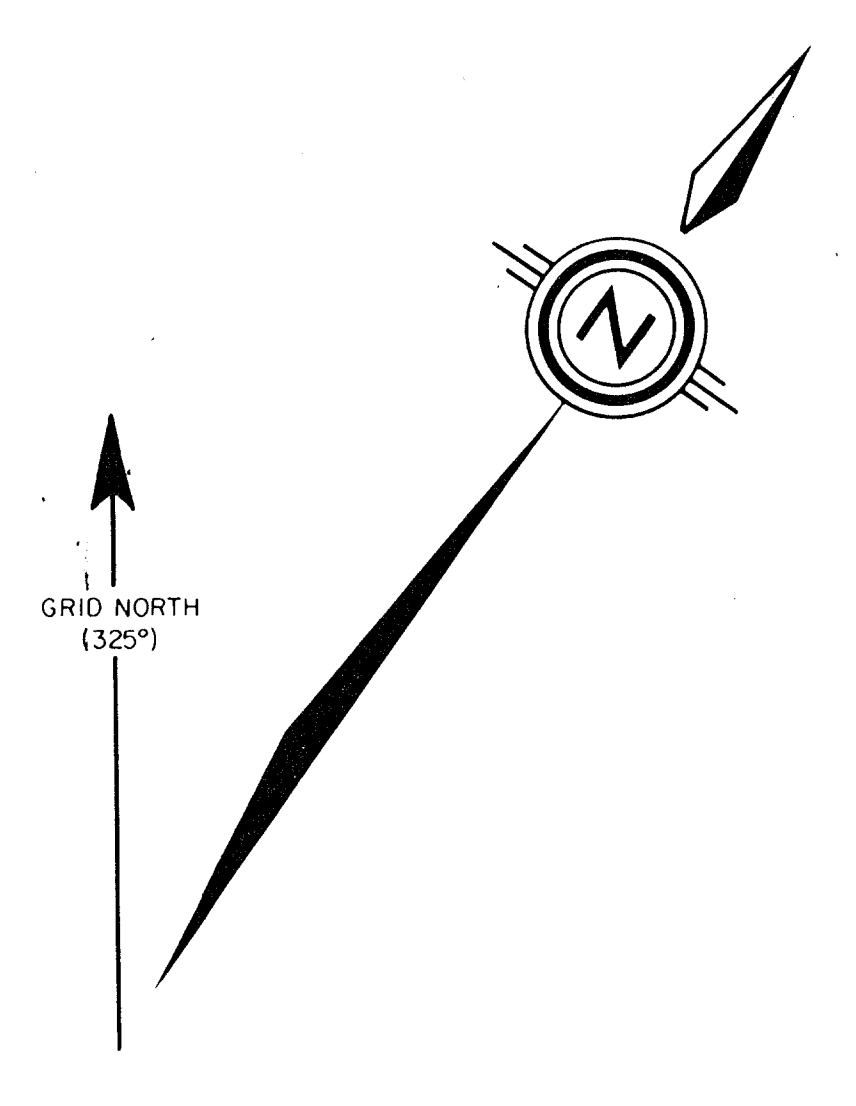
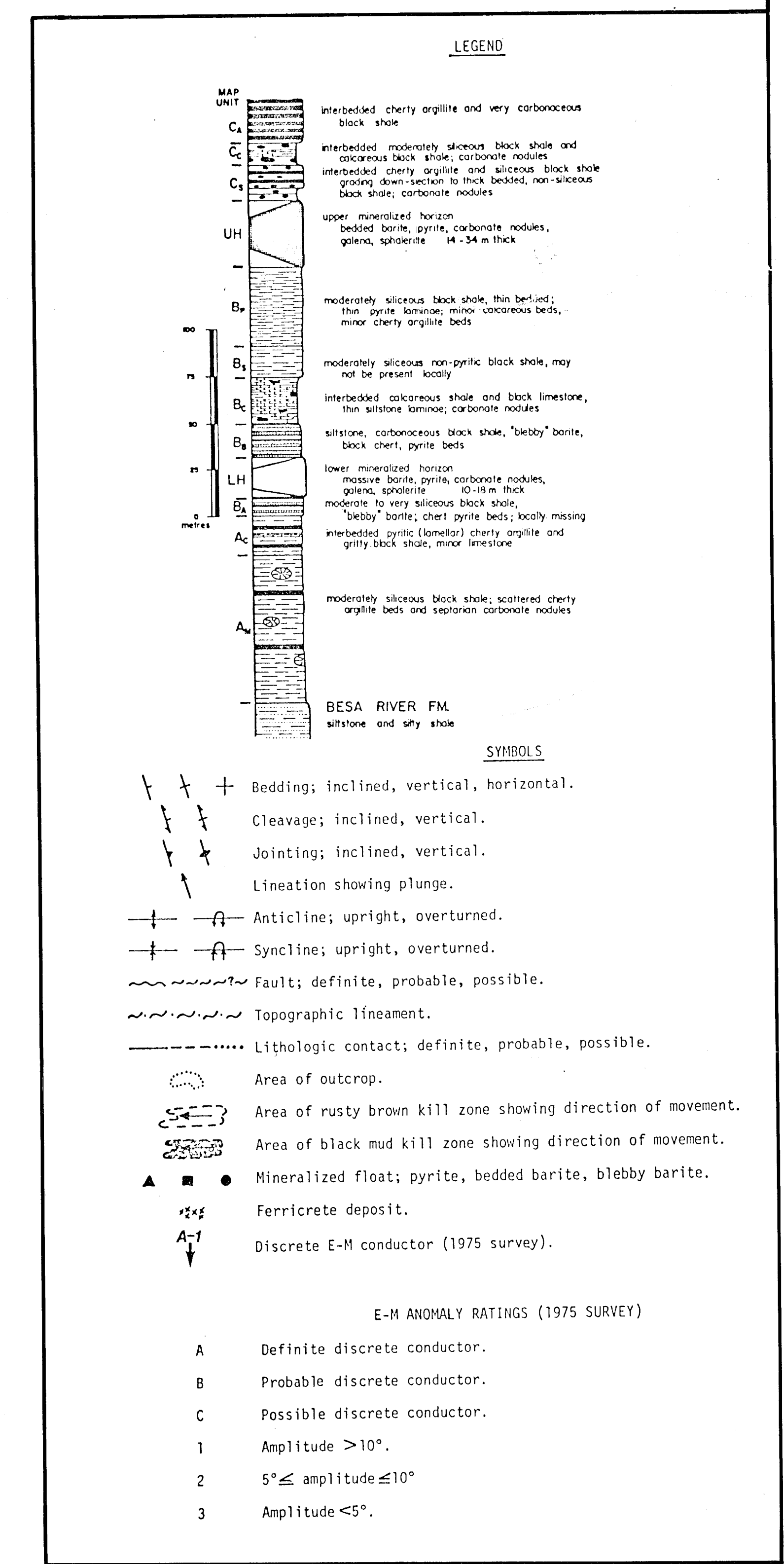
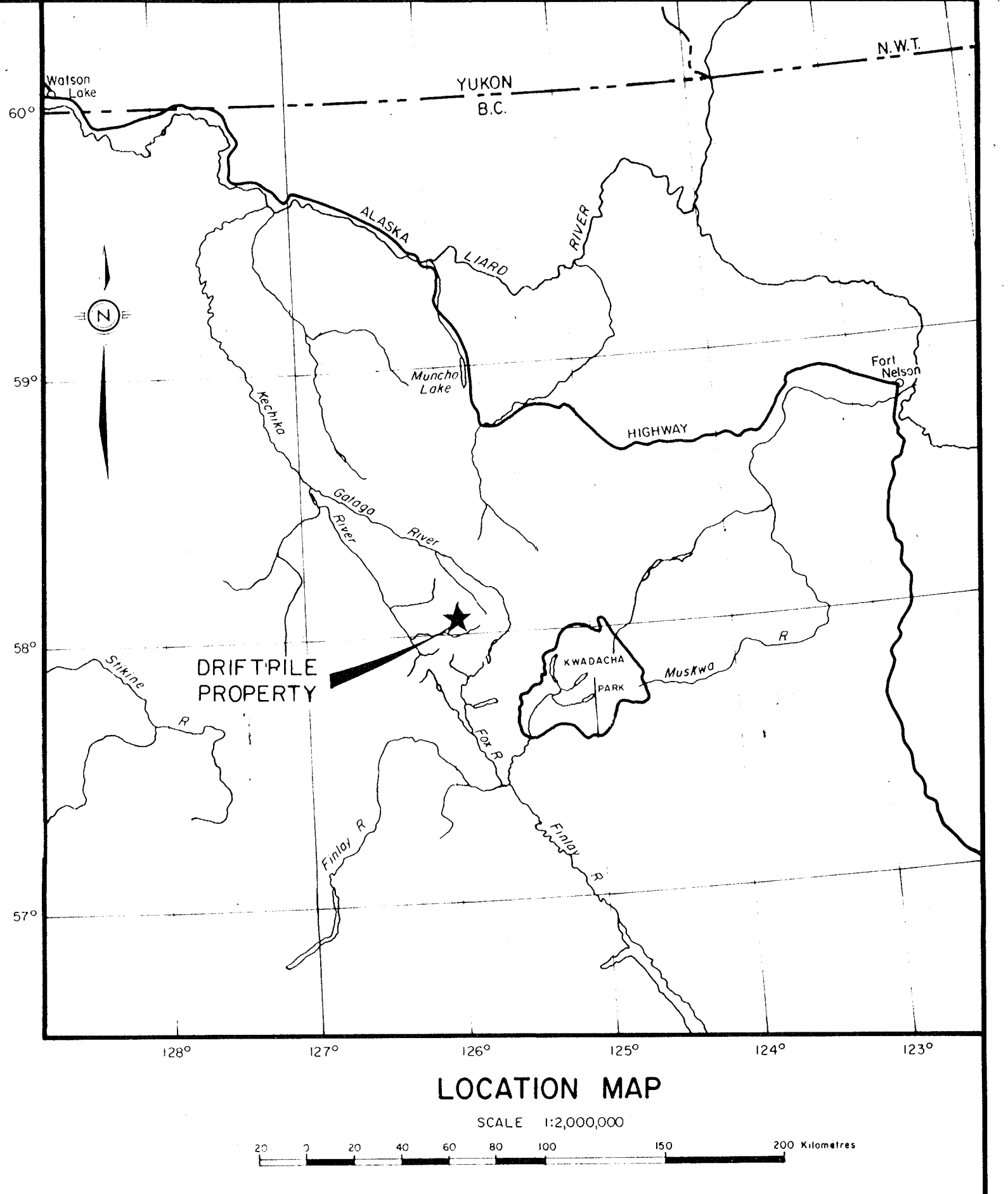
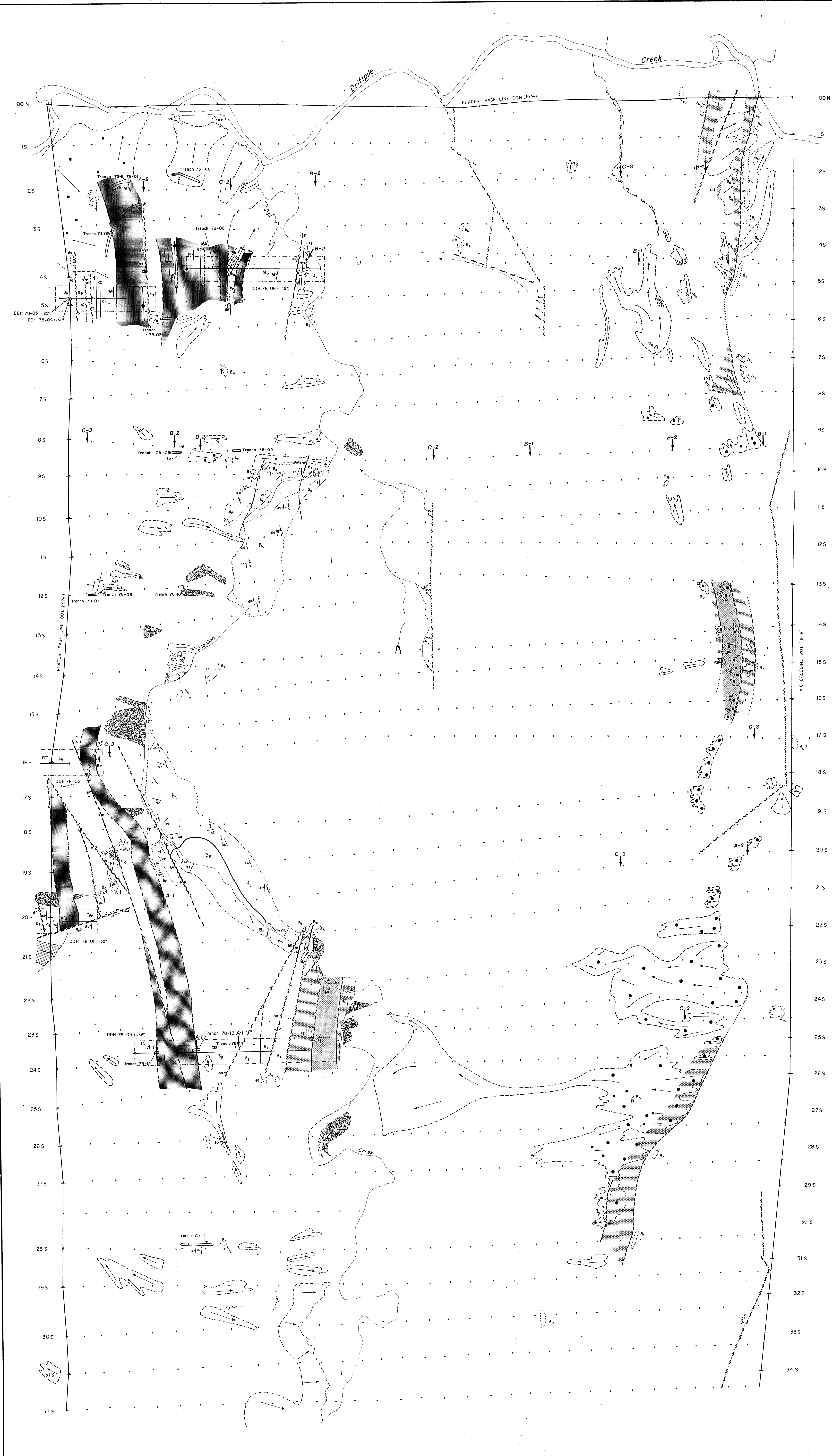
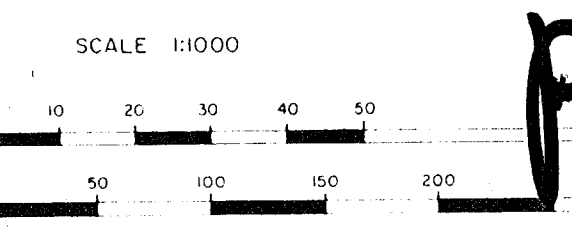
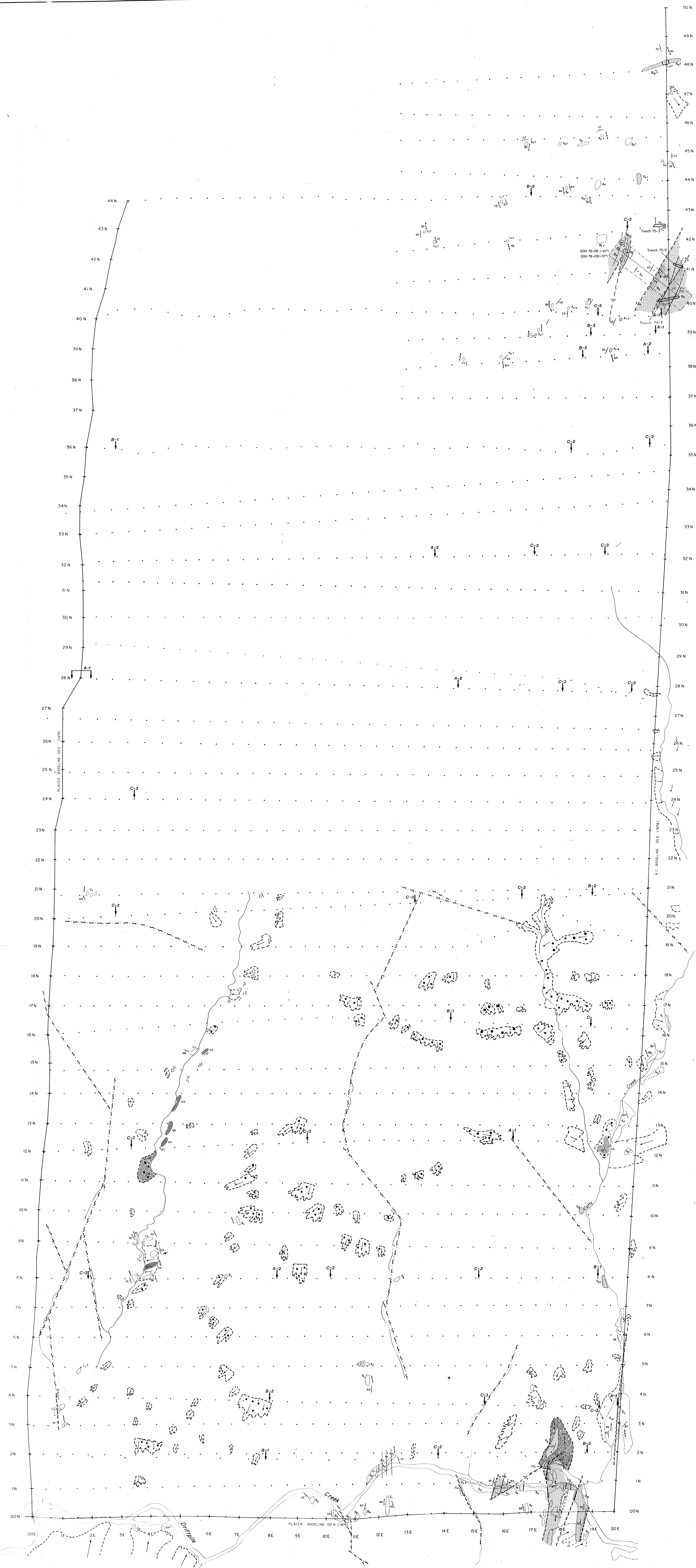
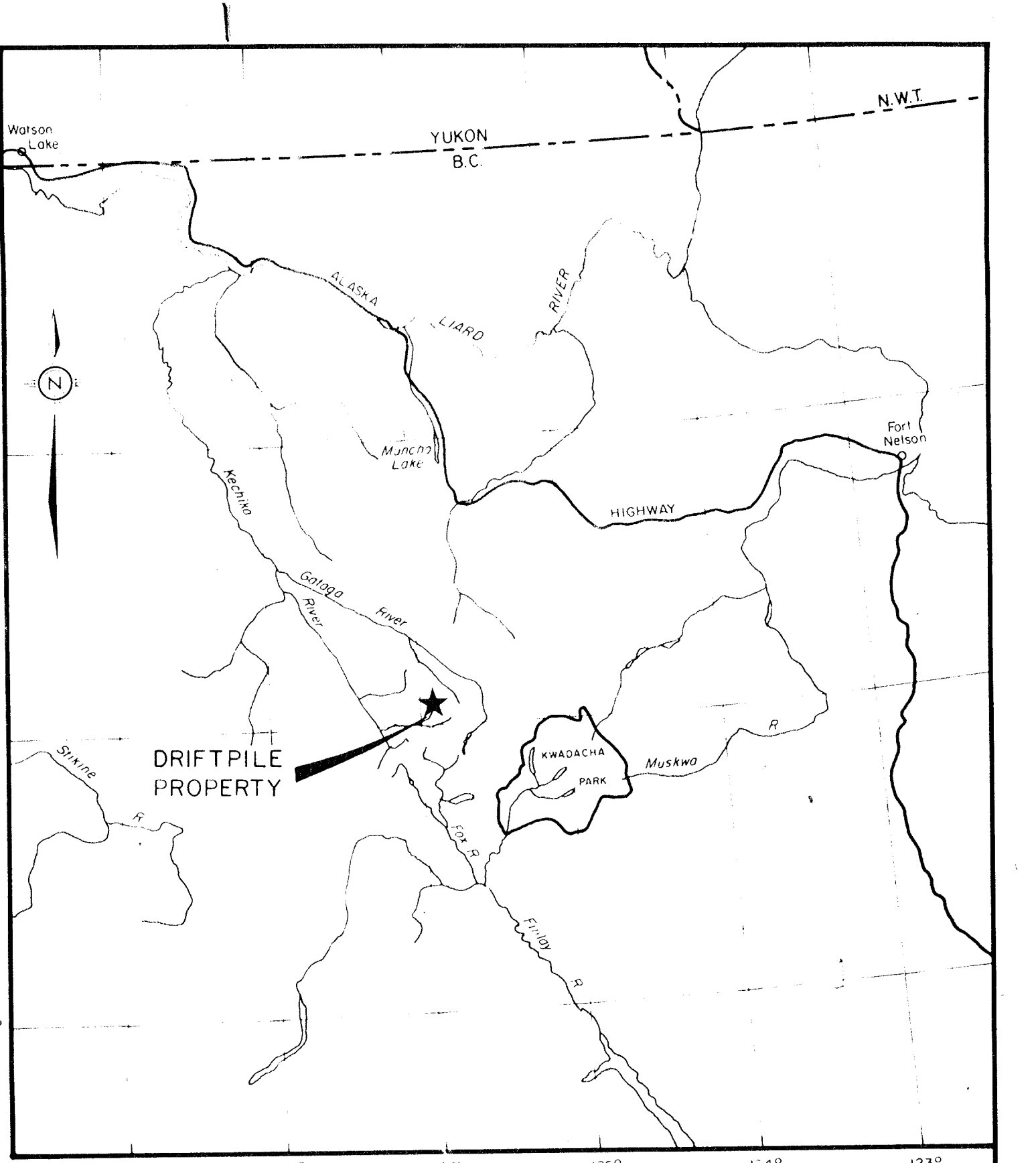


FIG. 10  
 ARCHER, CATHRO & ASSOCIATES LTD.  
**GEOLOGY**  
 DRIFTPILE PROPERTY  
 MAP AREA TWO  
 GATAGA JOINT VENTURE

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 of 2







**LEGEND**

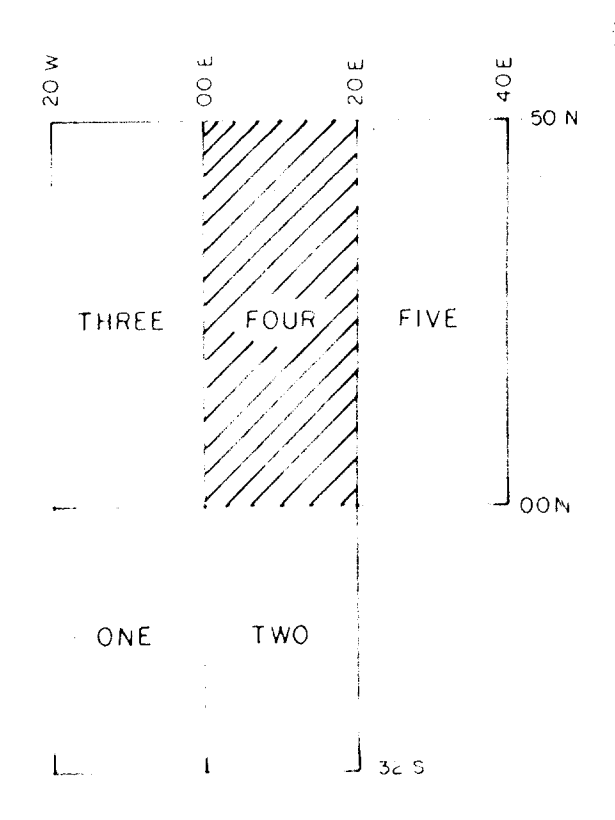
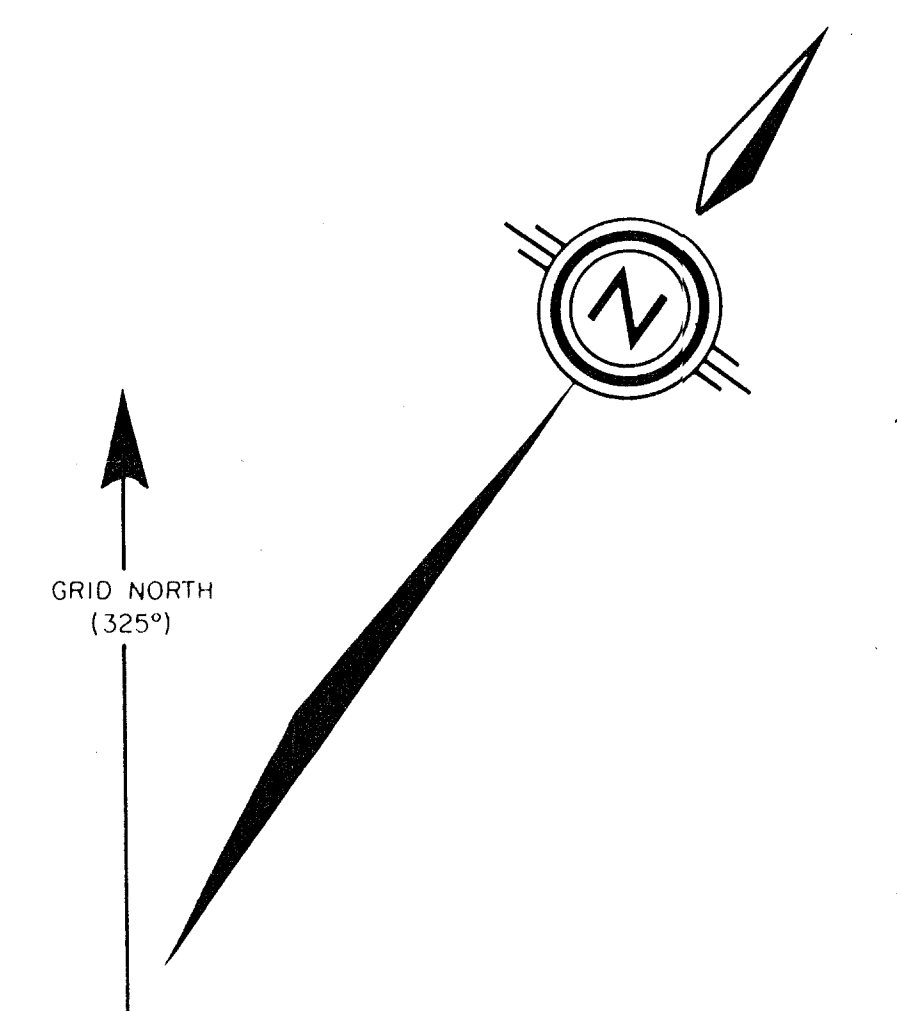
**UNIT**

**SYMBOLS**

**E-N AND/OR RATINGS (1975 SURVEY)**

**A** Definite discrete conductor.  
**B** Probable discrete conductor.  
**C** Possible discrete conductor.

**1** Amplitude >10".  
**2** 5" amplitude ±10".  
**3** Amplitude <5".



part 2 of 2  
**GEOLOGY**  
 DRIFTPILE PROPERTY  
 MAP AREA FOUR  
 GATAGA JOINT VENTURE  
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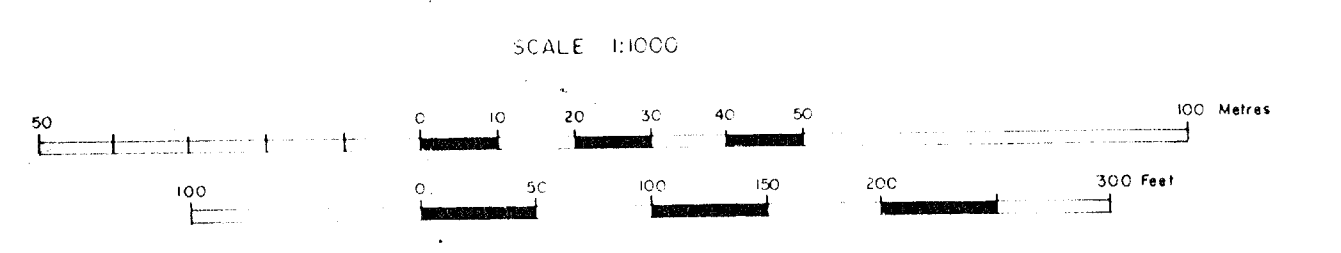
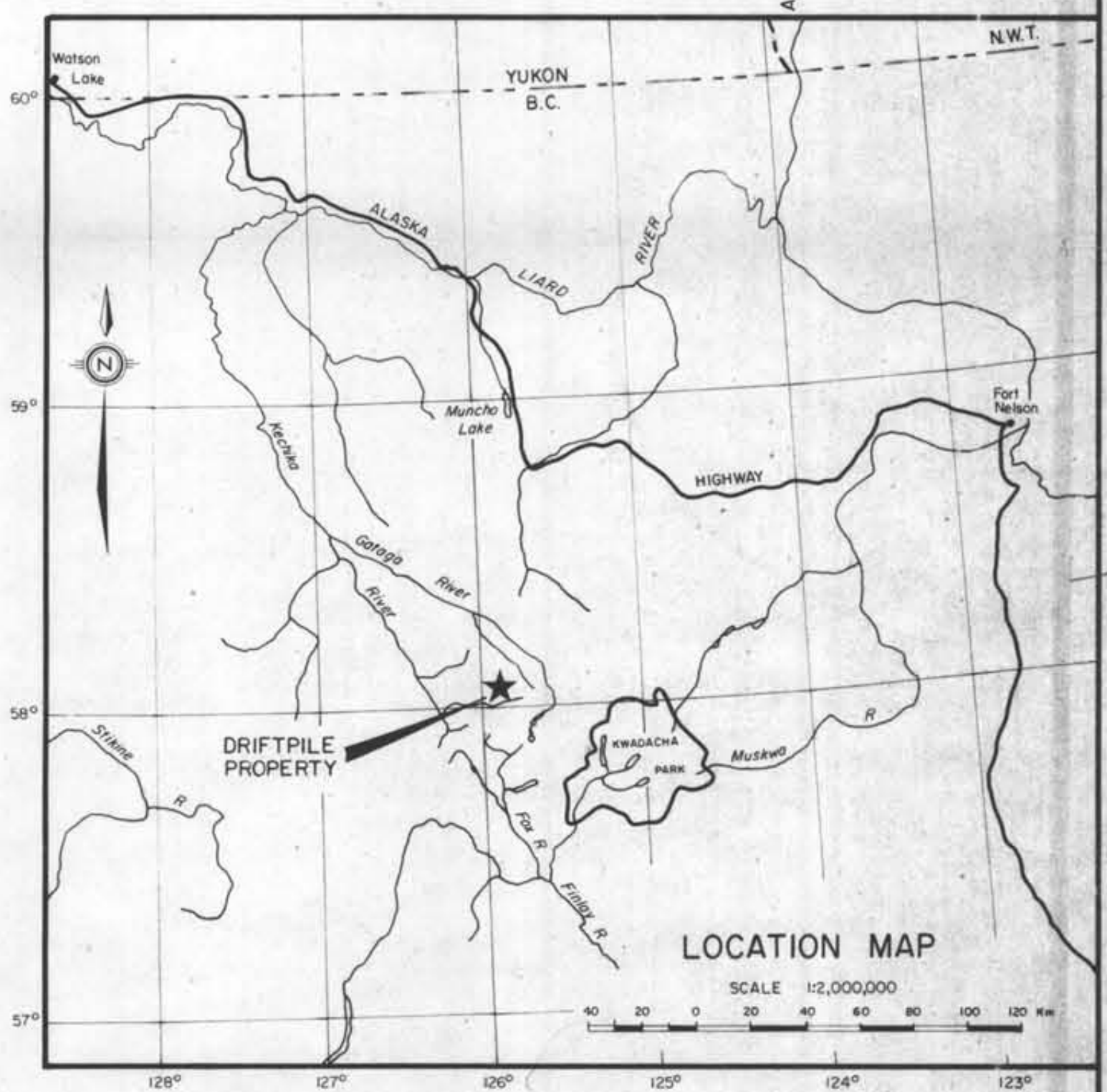
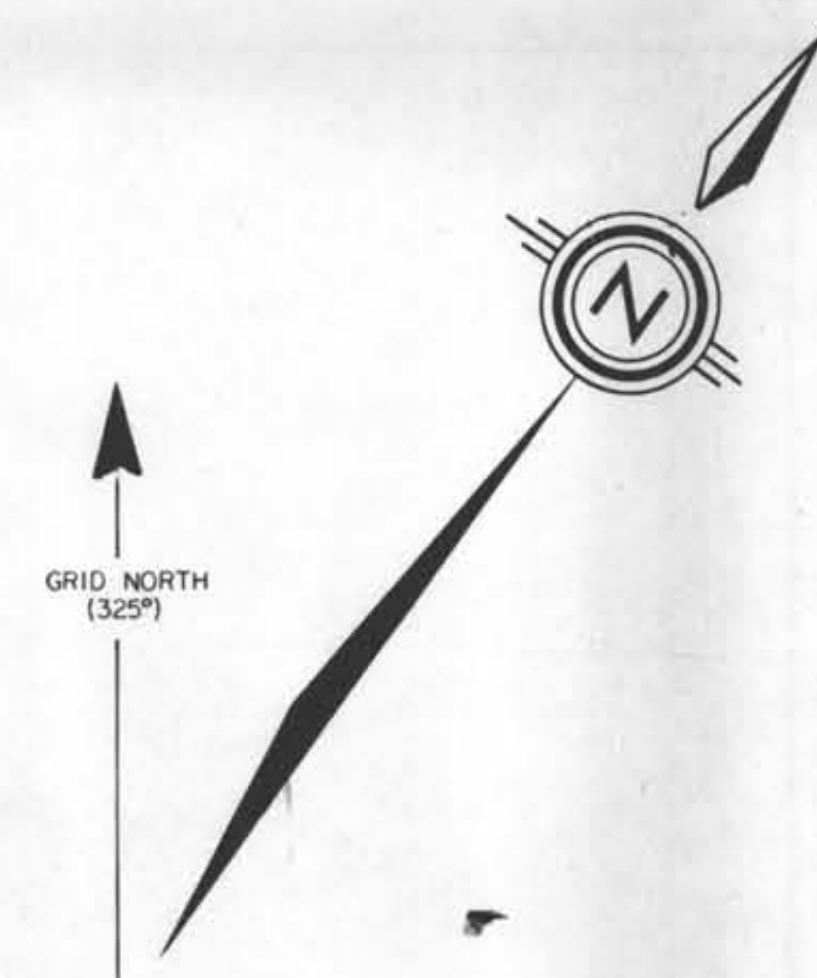
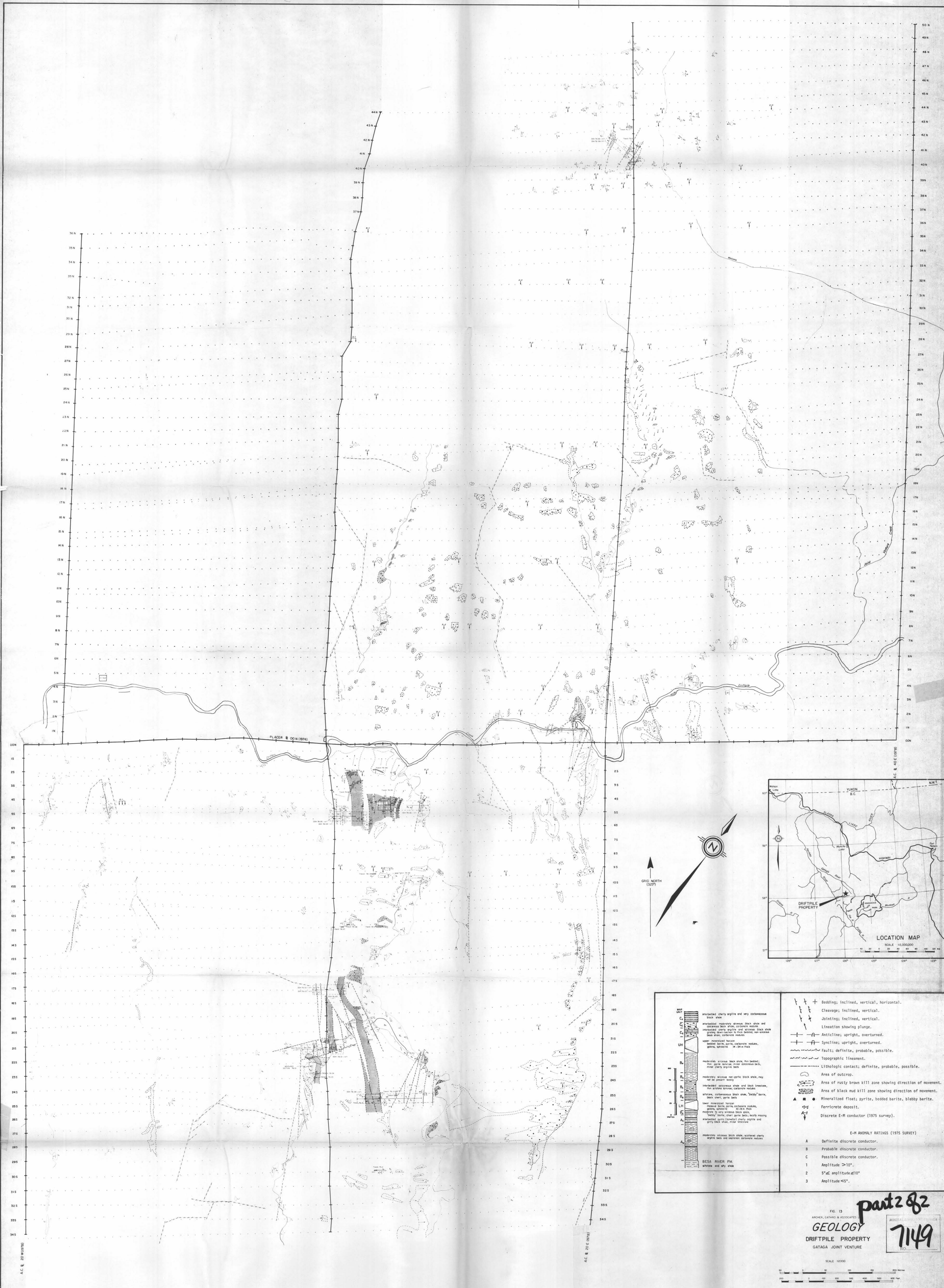


FIG. II  
 ANCHER, CATHERS & ASSOCIATES, L.P.C.  
 GEOLGICAL ENGINEERING PROGRAM









<p><b>LEGEND</b></p> <p><b>Geological Units:</b></p> <ul style="list-style-type: none"> <li>Unit C: interbedded cherty argillite and very carbonaceous black shale</li> <li>Unit B: interbedded moderately siliceous black shale and carbonaceous black shale, occasional nodules of cherty argillite and siliceous black shale</li> <li>Unit A: siliceous, carbonaceous black shale, "beddy" beds, black chert, pyrite beds</li> <li>Unit H: interbedded argillite and black shale, may not be present locally</li> <li>Unit L: moderately siliceous non-pyritic black shale, may not be present locally</li> <li>Unit M: interbedded argillite shale and black limestone, thin siliceous lenses, carbonaceous nodules</li> <li>Unit N: siliceous, carbonaceous black shale, "beddy" beds, black chert, pyrite beds</li> <li>Unit O: thin, unconsolidated horizon</li> <li>Unit P: massive black shale, carbonaceous nodules, moderate to very siliceous black shale</li> <li>Unit Q: "beddy" beds, cherty argillite beds, locally massive interbedded argillite (laminated) cherty argillite and pyrite black shale, minor structure</li> <li>Unit R: moderately siliceous black shale, scattered cherty argillite beds and occasional carbonaceous nodules</li> </ul> <p><b>BESA RIVER FM.</b> siliceous and very siliceous</p>	<p><b>Structural Features:</b></p> <ul style="list-style-type: none"> <li>Bedding: inclined, vertical, horizontal.</li> <li>Cleavage: inclined, vertical.</li> <li>Jointing: inclined, vertical.</li> <li>Lineation showing plunge.</li> <li>Anticline: upright, overturned.</li> <li>Syncline: upright, overturned.</li> <li>Fault: definite, probable, possible.</li> <li>Topographic lineament.</li> <li>Lithologic contact: definite, probable, possible.</li> </ul> <p><b>Other Features:</b></p> <ul style="list-style-type: none"> <li>Area of outcrop.</li> <li>Area of rusty brown kill zone showing direction of movement.</li> <li>Area of black mud kill zone showing direction of movement.</li> <li>Mineralized float: pyrite, bedded barite, blebby barite.</li> <li>Ferricrete deposit.</li> <li>Discrete E-N conductor (1975 survey).</li> </ul> <p><b>E-N ANOMALY RATINGS (1975 SURVEY)</b></p> <ul style="list-style-type: none"> <li>A: Definite discrete conductor.</li> <li>B: Probable discrete conductor.</li> <li>C: Possible discrete conductor.</li> <li>1: Amplitude &gt;10°.</li> <li>2: 5° amplitude &lt;10°.</li> <li>3: Amplitude &lt;5°.</li> </ul>
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FIG. 13  
 ARCHER, CATMO & ASSOCIATES  
**GEOLOGY**  
 DRIFTPILE PROPERTY  
 GATAGA JOINT VENTURE

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