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SUMMARY REPORT ON THE  
TANTALUS RESOURCES LTD.  
TREATY CREEK PROJECT

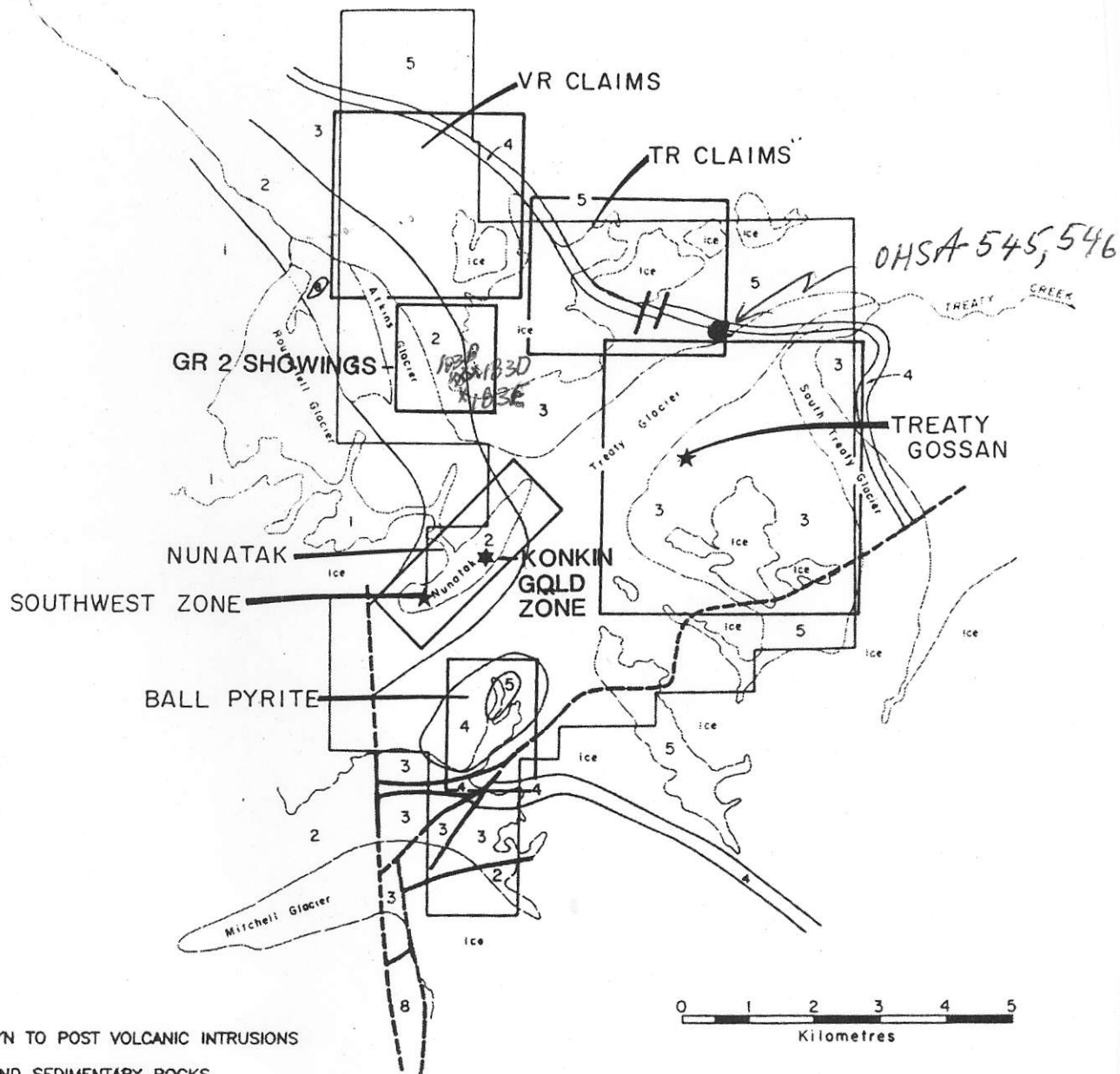
ISKUT AREA  
SKEENA MINING DIVISION  
BRITISH COLUMBIA

J. Chapman, F.G.A.C.  
W. Raven, F.G.A.C.  
A. Walus, M.Sc.

January 31, 1991

OREQUEST





**LEGEND:**

**JURASSIC**

8 SYN TO POST VOLCANIC INTRUSIONS

**VOLCANIC AND SEDIMENTARY ROCKS  
TRIASSIC TO JURASSIC**

**MIDDLE JURASSIC: SPATSIZI GROUP**

5 SILTSTONE SEQUENCE  
Salmon River Formation - sandstone, siltstone

**LOWER JURASSIC: HAZELTON GROUP**

4 FELSIC VOLCANIC SEQUENCE  
Mount Dilworth Formation - rhyolite to dacitic volcanics

3 PYROCLASTIC - EPICLASTIC SEQUENCE  
Betty Creek Formation - pyroclastic volcanics and sediments

2 ANDESITE SEQUENCE  
Upper Unuk River Formation - andesite sequence

1 LOWER SEDIMENTARY SEQUENCE  
(Lower Unuk River Formation) - clastic sediments

**SYMBOLS**

— GEOLOGIC CONTACT - approximate

- - - FAULT (defined, inferred)



**OREQUEST**

**TANTALUS RESOURCES LTD.**

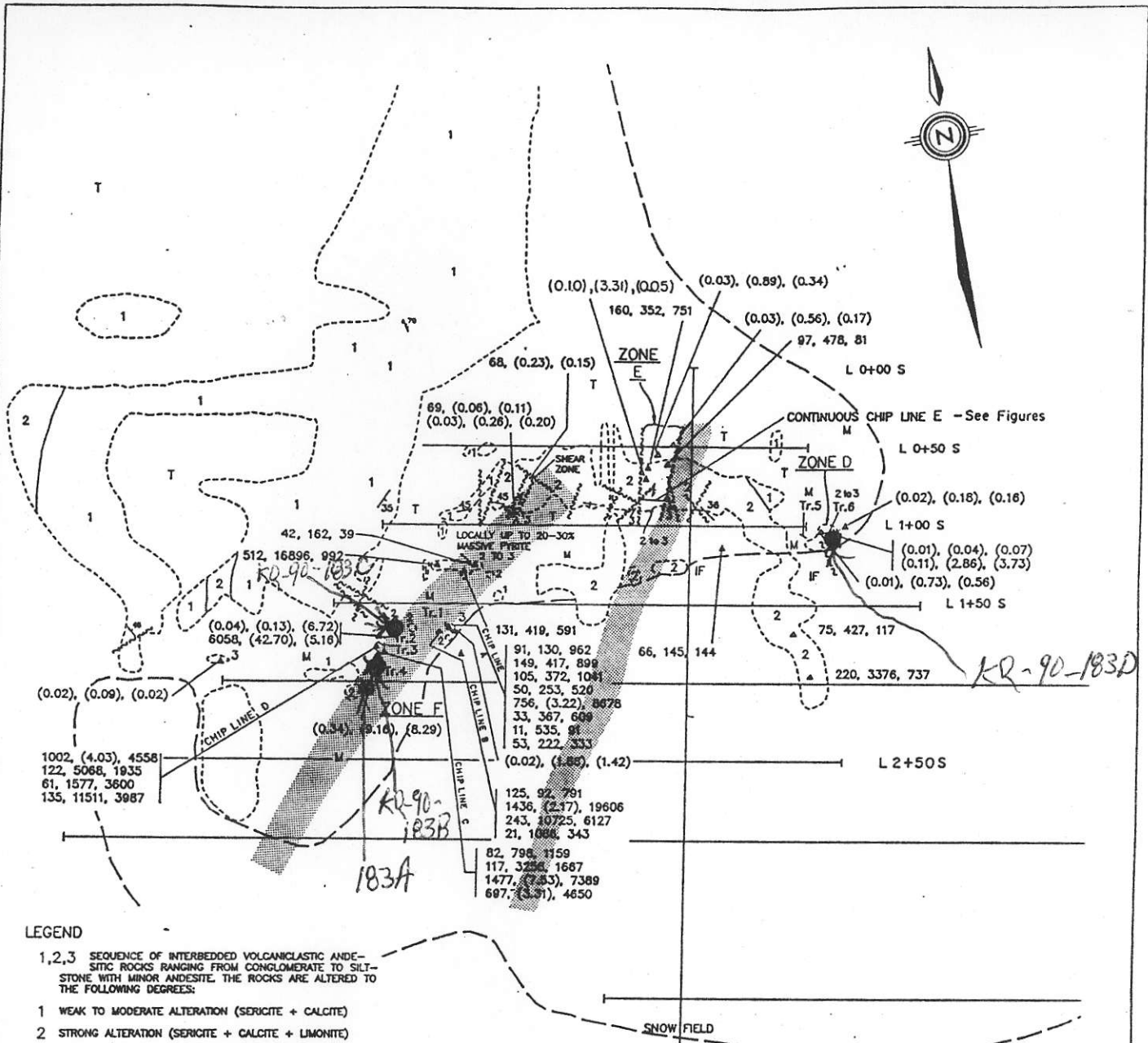
**Figure 5**

**TREATY CREEK PROJECT  
PROPERTY GEOLOGY  
AND INDEX MAP**

British Columbia  
NTS: 104 B/9E

December 1990

Drafting: RWR



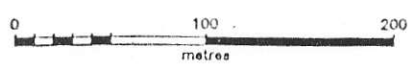
**LEGEND**

- 1,2,3 SEQUENCE OF INTERBEDDED VOLCANICLASTIC AND-  
SITIC ROCKS RANGING FROM CONGLOMERATE TO SILT-  
STONE WITH MINOR ANDESITE. THE ROCKS ARE ALTERED TO  
THE FOLLOWING DEGREES:
- 1 WEAK TO MODERATE ALTERATION (SERICITE + CALCITE)
- 2 STRONG ALTERATION (SERICITE + CALCITE + LIMONITE)
- 3 COMPLETE ALTERATION (SERICITE + QUARTZ + PYRITE  
± CLAYS), ALSO MINOR LIMONITE AND MANGANESE,  
LOCALLY GALENA, SPHALERITE, STIBNITE, CHALCOPYRITE
- ∕∕<sub>90</sub> BEDDING (VERTICAL, INCLINED)
- ∕∕<sub>30</sub> FOLIATION/SCHISTOSITY (VERTICAL, INCLINED)
- ∕∕<sub>45</sub> VEIN (VERTICAL, INCLINED)
- FAULT/SHEAR
- OUTCROP
- X SMALL OUTCROP
- M MORaine
- T TALUS
- GEOLOGICAL CONTACT
- ▨ UTEM CONDUCTOR
- TR-7 TRENCH NUMBER
- ↖ TRENCH LOCATION
- ▲ ROCK SAMPLE
- △ FLOAT SAMPLE

(0.15), (0.01), (0.01)  
Cu,Pb,Zn VALUES  
BRACKETED VALUES ARE REPORTED IN %  
UNBRACKETED VALUES ARE REPORTED IN ppm

**ABBREVIATIONS**

- CPY CHALCOPYRITE
- GA GALENA
- PY PYRITE
- lim LIMONITE
- SPH SPHALERITE
- STIB STIBNITE
- QTZ QUARTZ



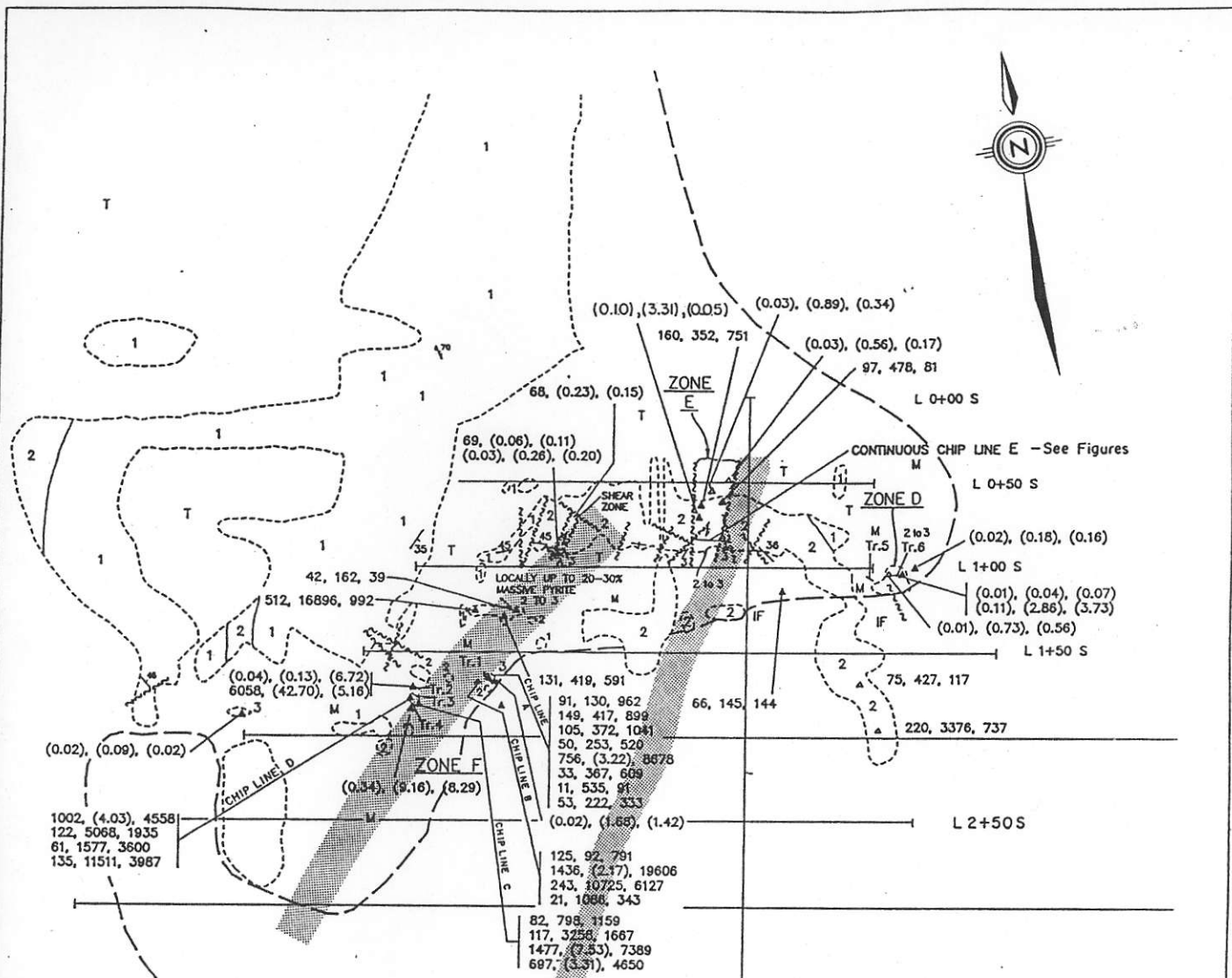
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Figure 7a  
TREATY CREEK PROJECT  
Skeena Mining Division  
GR-2 SHOWINGS  
COMPILATION MAP  
COPPER, LEAD & ZINC RESULTS  
British Columbia  
NTS: 104 B/9E

JANUARY 1991

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**LEGEND**

- 1,2,3 SEQUENCE OF INTERBEDDED VOLCANICLASTIC ANDESITIC ROCKS RANGING FROM CONGLOMERATE TO SILTSTONE WITH MINOR ANDESITE. THE ROCKS ARE ALTERED TO THE FOLLOWING DEGREES:
  - 1 WEAK TO MODERATE ALTERATION (SERICITE + CALCITE)
  - 2 STRONG ALTERATION (SERICITE + CALCITE + LIMONITE)
  - 3 COMPLETE ALTERATION (SERICITE + QUARTZ + PYRITE ± CLAYS). ALSO MINOR LIMONITE AND MANGANESE. LOCALLY GALENA, SPHALERITE, STIBNITE, CHALCOPYRITE
- $\frac{1}{\infty}$  BEDDING (VERTICAL, INCLINED)
- $\frac{100}{\infty}$  FOLIATION/SCHISTOSITY (VERTICAL, INCLINED)
- $\frac{100}{\infty}$  VEIN (VERTICAL, INCLINED)
- FAULT/SHEAR
- OUTCROP
- x SMALL OUTCROP
- M MORaine
- T TALUS
- GEOLOGICAL CONTACT
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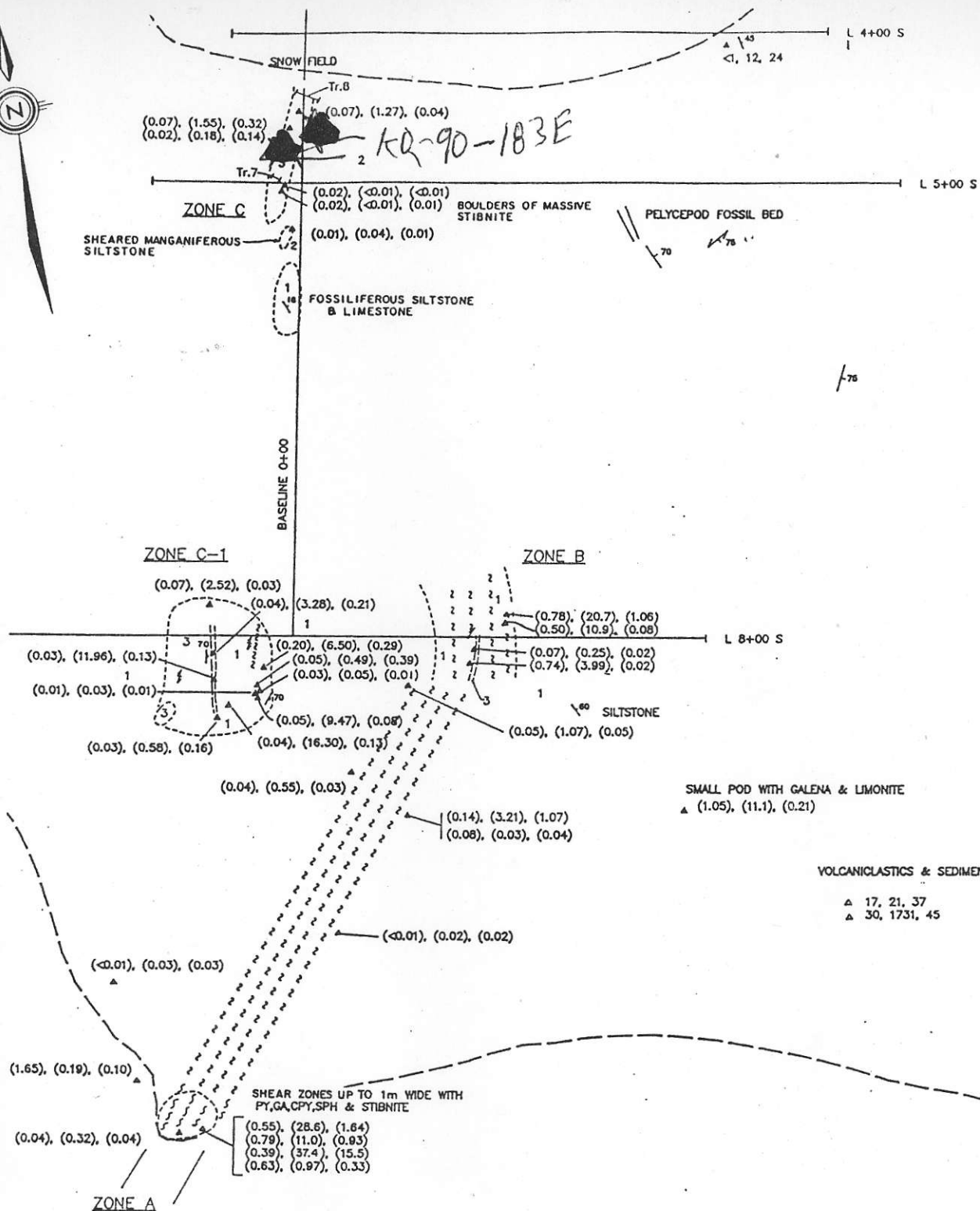
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Figure 7a  
 TREATY CREEK PROJECT  
 Skeena Mining Division  
 GR-2 SHOWINGS  
 COMPILATION MAP  
 COPPER, LEAD & ZINC RESULTS  
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END

2,3 SEQUENCE OF INTERBEDDED VOLCANICLASTIC ANDI-SITIC ROCKS RANGING FROM CONGLOMERATE TO SILTSTONE WITH MINOR ANDESITE. THE ROCKS ARE ALTERED TO THE FOLLOWING DEGREES:

WEAK TO MODERATE ALTERATION (SERICITE + CALCITE)  
 STRONG ALTERATION (SERICITE + CALCITE + LIMONITE)  
 COMPLETE ALTERATION (SERICITE + QUARTZ + PYRITE ± CLAYS), ALSO MINOR LIMONITE AND MANGANESE, LOCALLY GALENA, SPHALERITE, STIBNITE, CHALCOPYRITE

BELONGING (VERTICAL, INCLINED)  
 FOLIATION/SCHISTOSITY (VERTICAL, INCLINED)  
 VEIN (VERTICAL, INCLINED)  
 FAULT/SHEAR  
 OUTCROP  
 SMALL OUTCROP  
 MORaine  
 TALUS  
 GEOLOGICAL CONTACT

TR-7 TRENCH NUMBER  
 TRENCH LOCATION  
 ROCK SAMPLE  
 FLOAT SAMPLE

(0.15), (0.01), (0.01)  
 Cu, Pb, Zn VALUES  
 BRACKETED VALUES ARE REPORTED IN %  
 UNBRACKETED VALUES ARE REPORTED IN ppm

ABBREVIATIONS  
 CPY CHALCOPYRITE  
 GA GALENA  
 PY PYRITE  
 SPH SPHALERITE  
 STIB STIBNITE  
 QTZ QUARTZ

0 100 200  
 metres

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Figure 6a  
**TREATY CREEK PROJECT**  
 Skeena Mining Division  
**GR-2 SHOWINGS**  
**COMPILATION MAP**  
 COPPER, LEAD & ZINC RESULTS  
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