

MAP NO. 105 0 2
ASSESSMENT REPORT
PROSPECTUS
CONFIDENTIAL
OPEN FILE X

DOCUMENT NO.: 092039
MINING DISTRICT: MAYO
TYPE OF WORK: GEOLOGICAL
I.S.N. 134687

REPORT FILED UNDER: D.I.A.N.D.

DATE PERFORMED: November 1981 DATE FILED: November 1981

LOCATION: LAT.: 60°02'N AREA: MacMillan Pass

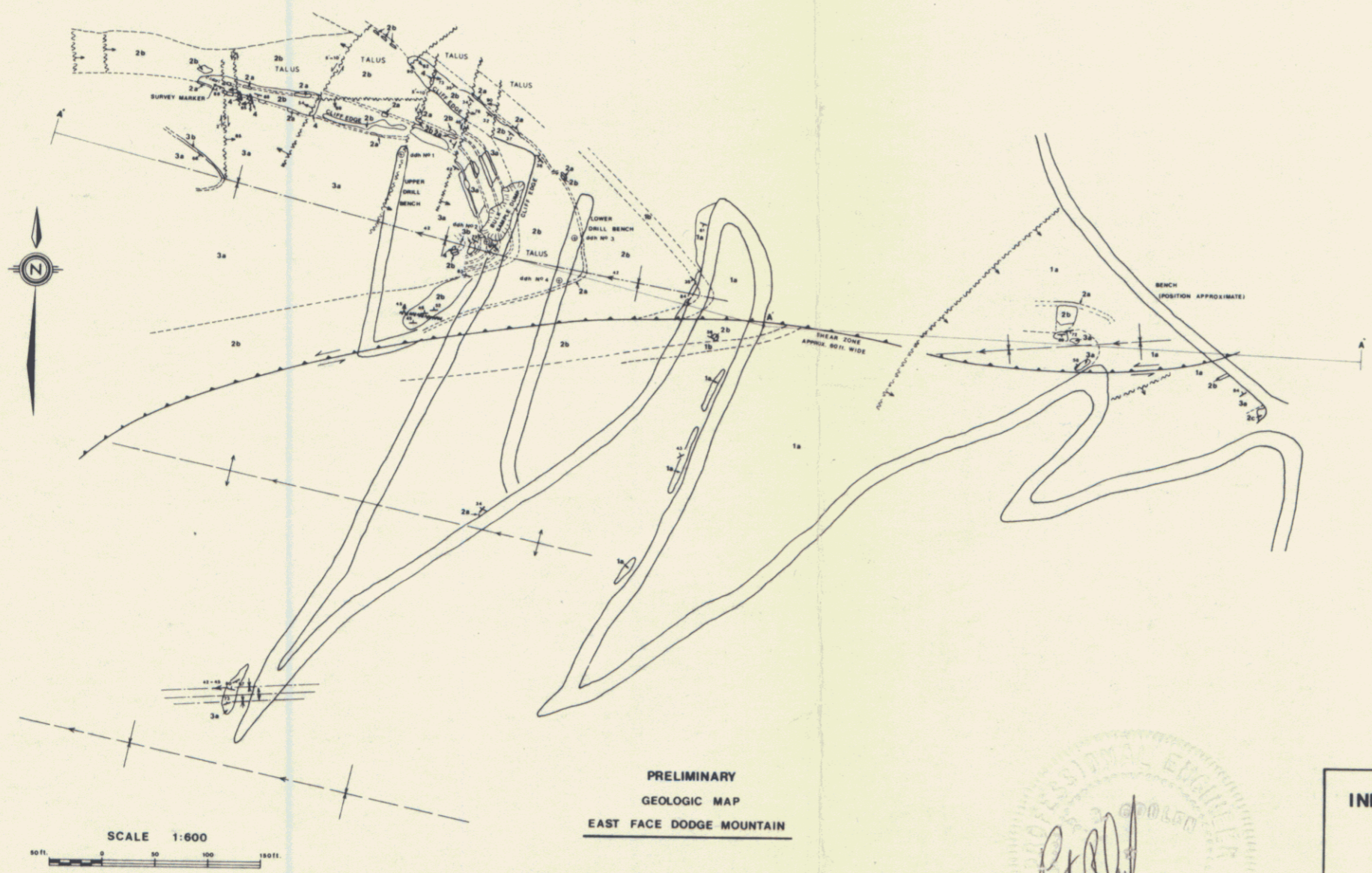
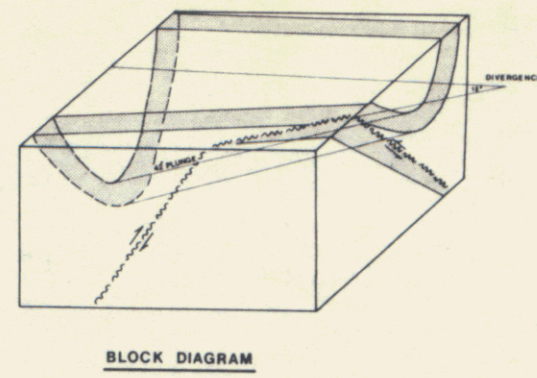
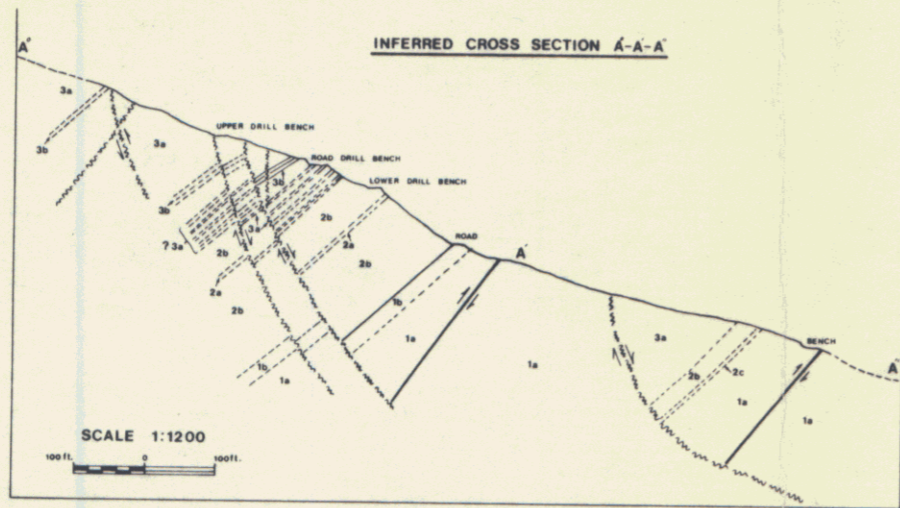
 LONG.: 130°42'W VALUE \$:

CLAIM NAME & NO.: TEA claims

WORK DONE BY: P. Coolen

WORK DONE FOR: D.I.A.N.D.

DATE TO GOOD STANDING | REMARKS: #17 BROCK



- LEGEND**
- ALL UNITS UPPER DEVONIAN - MISSISSIPPIAN BLACK ELASTIC GROUP (BLISSON, S.L., 1976) OF THE CANOL FORMATION.
- 4 SILICIFIED BARITIC FAULT GOUGE.
 - 3b MASSIVE SILICEOUS ARGILLITE AND CHERT (2-5 FT.)
 - 3a BROWN TO GRAY-GREEN BIODURBATED BLOCKY SILICEOUS SHALE. FISSILE GRAY TO BLACK CARBONACEOUS SHALE GRADING DOWNWARD FROM SILICEOUS TO BARITIC WITH LOCAL 0.5-2 FOOT MASSIVE TO LAMINATED BARITE BANDS (40+ FT.).
 - 2c FOSSILIFEROUS LIMESTONE, LOCALLY RECENTED SLUMP AND/OR SOLUTION BRECCIA (2-5 FT.).
 - 2b BARITE, THIN TO MEDIUM BEDDED, LOCALLY MASSIVE, LAMINATED WITH THIN INTERBEDS OF BARITIC LIMESTONE (UNIT 2a) (25-100 FT.).
 - 2a THINLY LAMINATED, OFTEN BARITIC, GRAY TO BROWN LIMESTONE, CALCAREOUS SHALE AND SILTSTONE (2-5 FT.).
 - 1b DARK GREENISH-GRAY TO DARK GRAY, LOCALLY CARBONACEOUS, CALCAREOUS TO CHERT, BLOCKY TO MASSIVELY BEDDED, MUDSTONE AND SHALE, UPPER 3-5 FT. BARITIC (THICKNESS 10+ FT.).
 - 1a SILVER-GRAY WEATHERING, THIN-BEDDED, FISSILE CARBONACEOUS BLACK SHALE CONTAINING MINOR INTERBEDS OF SILTSTONE. BASE CALCAREOUS GRADING UPWARD INTO SILICEOUS AND CHERT (THICKNESS 150+ FT.).
- NOTE: UNITS CORRESPOND TO THOSE OF CARNE'S (1976) REPORT AS FOLLOWS
2a = 1a, 1b.; 2b = 2a, b, c; 2c = 3a, b.
- MAJOR THRUST SHEAR, ASSUMED TRACE, TEETH IN DIRECTION OF DIP.
 - FAULT, ASSUMED, KNOWN, RELATIVE MOVEMENT, DISTANCE IN FEET, DIP IN DEGREES.
 - SYNCLINE, KNOWN, ASSUMED, WITH PLUNGE.
 - 1983 DRILL HOLE INDIAN MINERALS (WEST).
 - 1979 VERTICAL DRILL HOLES, YUKON BARITE.
 - STRIKE AND DIP.
 - OUTCROP, KNOWN CONTACT, ASSUMED CONTACT EXTENSIONS.

092039

P. Coolen

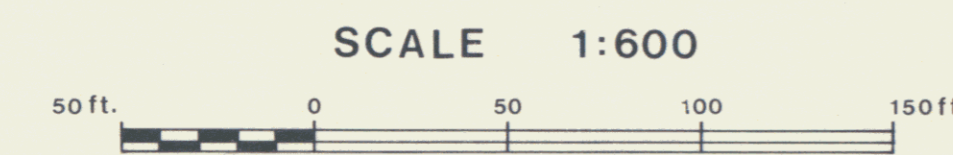
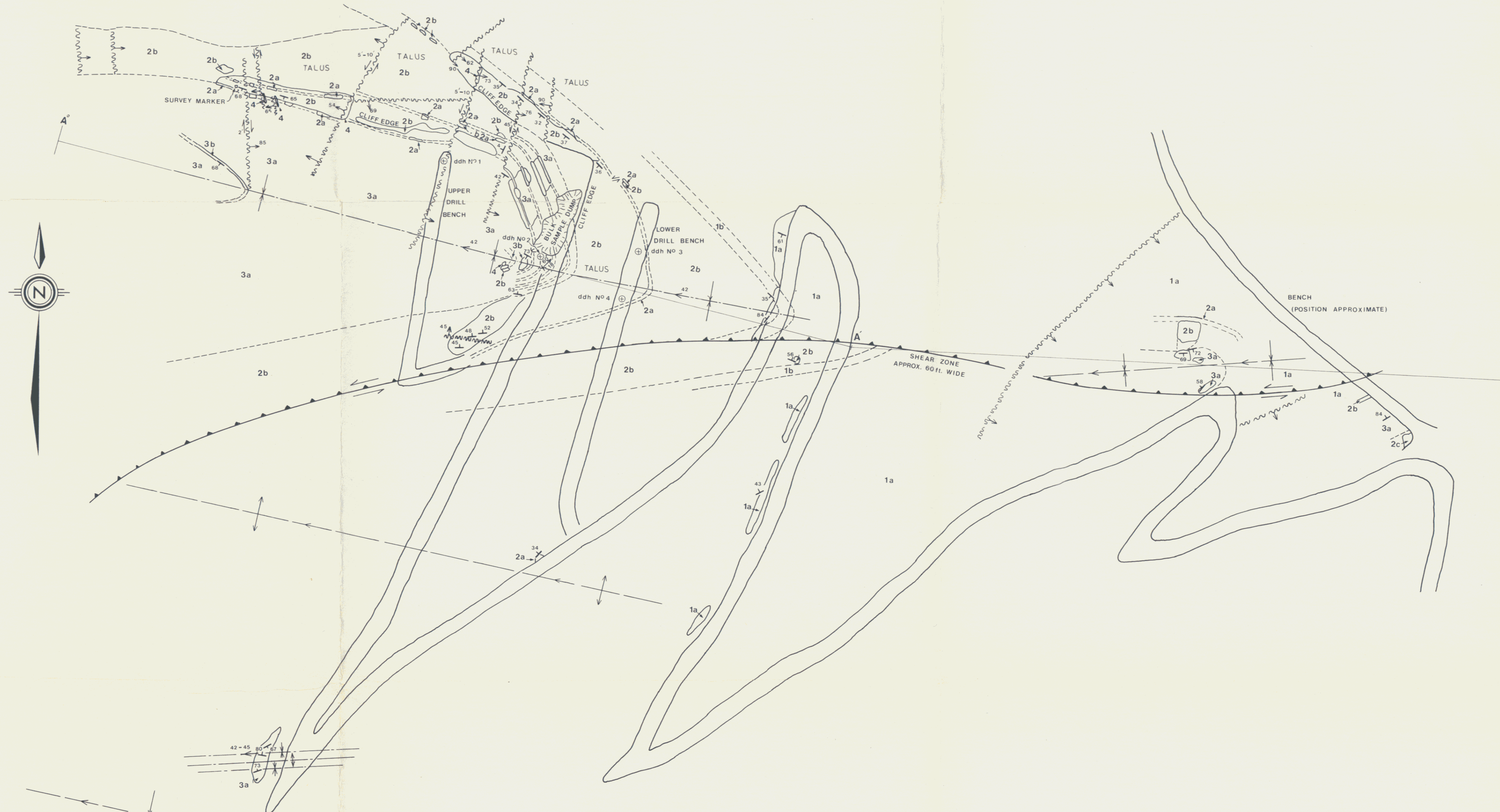
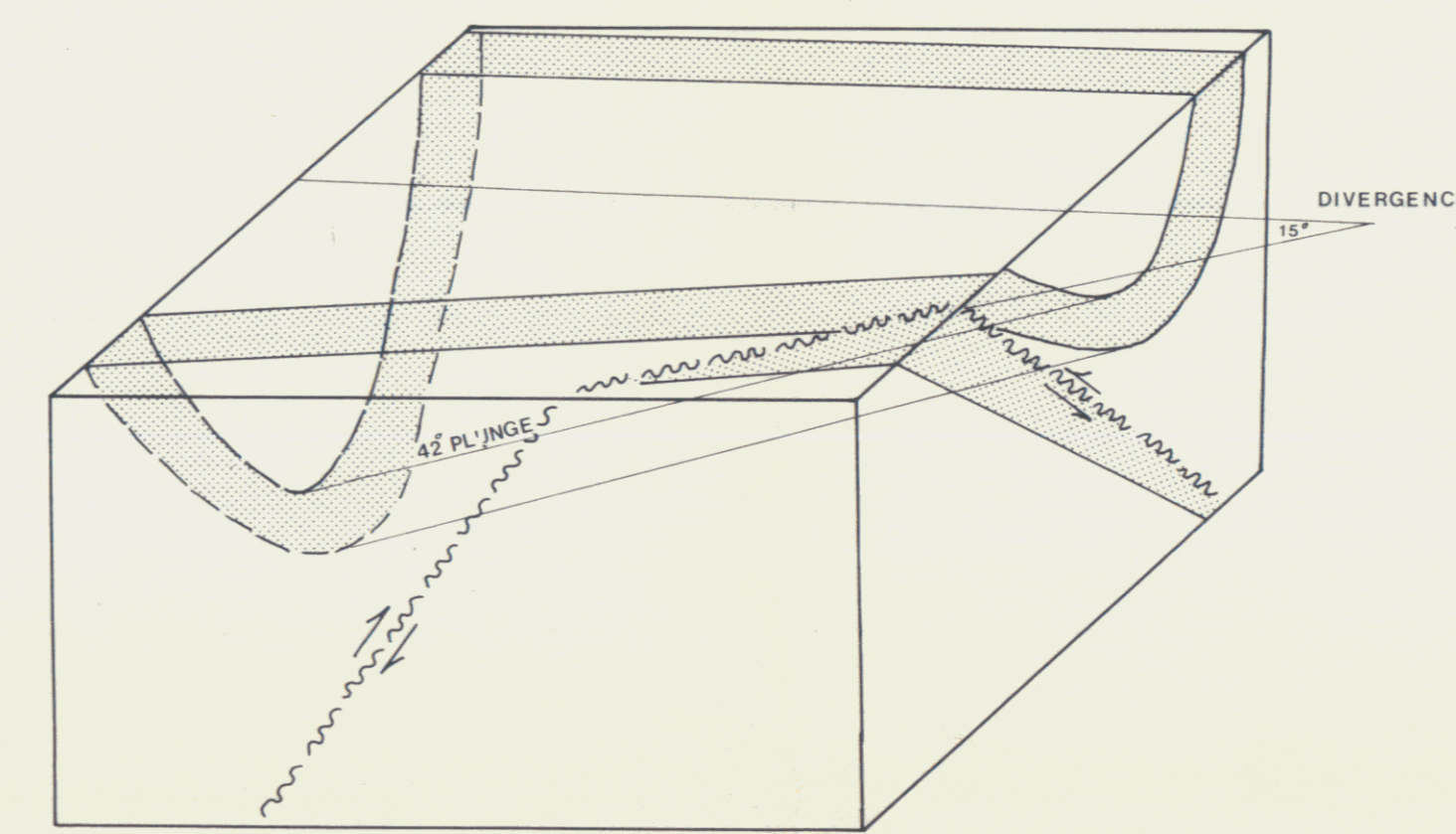
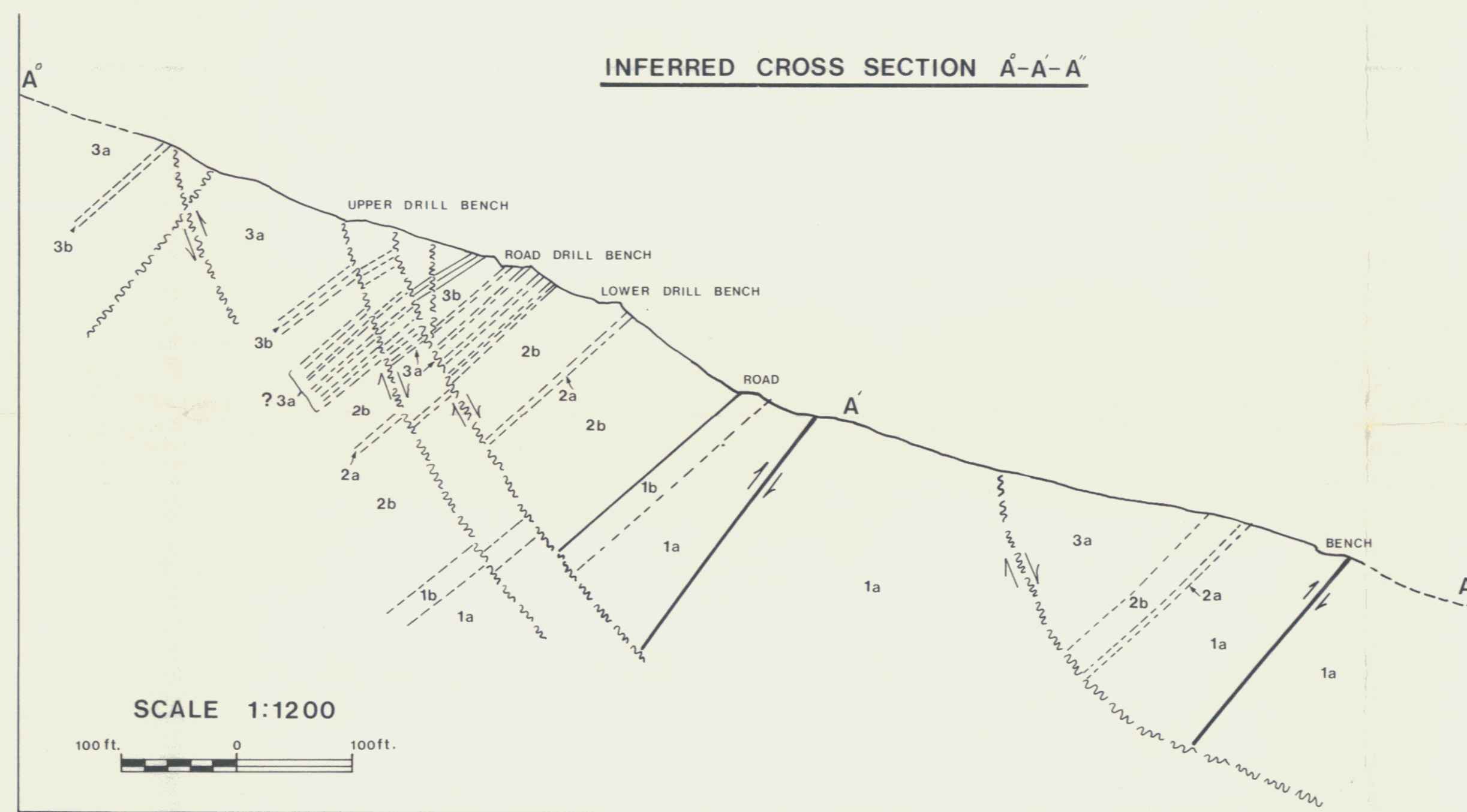
**INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
INDIAN MINERALS (WEST)**

**SAMOVAR BARITE SHOWING
(TEA CLAIMS)
YUKON TERRITORY**

GEOLOGY BY P. COOLEN, R.Eng.
DRAFTED BY L. RAFUSE

NOVEMBER 1981

MAP NO. 1



LEGEND

ALL UNITS UPPER DEVONIAN - MISSISSIPPIAN BLACK CLASTIC GROUP (BLISSON, S.L., 1976) OF THE CANOL FORMATION.

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INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
INDIAN MINERALS (WEST)

SAMOVAR BARITE SHOWING
(TEA CLAIMS)
YUKON TERRITORY

GEOLOGY BY P. COOLEN, P.Eng.
DRAFTED BY I. RAFUSE

092030
NOVEMBER 1981

MAP No. 1