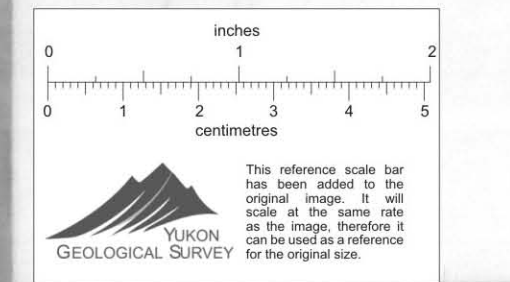


LEGEND

AGE	PROBABLE THICKNESS	DESCRIPTION
TERTIARY	14b	14b - FINELY LAMINATED, LIGHT GREY, RHYOLITIC TUFF (915)
	14a	14a - APHANTIC, LIGHT GREENISH TO REDDISH QUARTZ FELDSPAR PORPHYRY (928)
CRETACEOUS TO TERTIARY	13	13 - SAUSSURITE PORPHYRY, HORNBLende GIORITE (942)
	12	12 - WEATHERING RUSTY BROWN, MEDIUM GRAINED, DARK GREEN-GREY, EQUIGRANULAR ALTERED PYROXENITE AND HORNBLende GIORITE (928)
CRETACEOUS	11	11 - ANVIL BATHOLITH - MEDIUM GREY, EQUIGRANULAR BUT LOCALLY PORPHYRYIC AND FOLIATED, HYPODIOCRASIC, MEDIUM GRAINED QUARTZ MONZONITE BUT RANGES FROM BIOTITE QUARTZ MONZONITE TO BIOTITE GRANDIORITE (928)
	10a	10a - THIN BEDED, PLATY, MEDIUM GREY CALCAREOUS SLATE, WITH LOCALLY INTERBEDDED FINE GRAINED ANILLACEOUS LIMESTONE
TRIASSIC	10	10 - BROWN WEATHERING CONGLOMERATE WITH QUARTZITE, SCHIST GRANITE ONES, BASALT, CHERT AND LIMESTONE PEBBLES (944)
U. PERMIAN TO TRIASSIC	9	9 - DARK GREEN TO BLACK SERPENTINITE AND RELATED PERIODITE (907)
U. PERMIAN	8c	8c - ORIGINALLY LIGHT GREY CRINOIDAL OR BICLASTIC LIMESTONE, NOW METAMORPHOSIZED WEATHERS BUFF, CONTAINS MINOR QUARTZ, ESSENTIALLY A SPARITE (906)
PERMIAN	8b	8b - MEDIUM TO DARK GREEN, MASSIVE, BASALTIC VARIETIES INCLUDING TUFFS, MASSIVE ANILLACEOUS, FLUOR, FALLOWS AND PYROCLASTIC TYPES (908)
L. PERMIAN	8a	8a - PALE GREEN, GREENISH BROWN, LIGHT GREY MASSIVE TO THIN BEDED ANILLACEOUS AND TUFFACEOUS CHERT, WEATHERS OFF-WHITE, LOCALLY BRICK RED DUE TO HEMATITE (JASPER), LOCALLY BRECCIATED (928)
U. DEVONIAN TO MISSISSIPPIAN	7	7 - DARK GREY TO BLACK, MASSIVE TO THICK BEDED, GRAPHITIC CHERT, ASSOCIATED DARK GREY GRAPHITIC CHERT ARGILLITE AND ANILLACEOUS SLTSTONE, MINOR ANILLACEOUS LIMESTONE, GREY WACKES AND CHERT PEBBLE CONGLOMERATE (918)
M. DEVONIAN	6	6 - THIN BEDED, PLATY, BLACK, CARBONACEOUS FETID CRINOIDAL LIMESTONE TO MASSIVE BUFF WEATHERING GREY BIOLASTIC DOLMITE (909)
SIL. DEVONIAN	5	5 - MASSIVE MED TO LIGHT GREY, MED-COARSE GRAINED ORTHOQUARTZITE (927)
ORDOVICIAN SILURIAN	4	4 - GRAPHITIC BLACK CARBONACEOUS SLATE, BLACK SLTLY SHALE, ARGILLITE, MINOR BLACK CHERT BANDS, MINOR PYRITE (949)
	3d	3d - "GREENSTONE" DARK TO PALE GREEN POLISHED TO MASSIVE AMPHIBOLITE, CHLORITE TUFF, AND ANDESITE (911)
	3c	3c - THINLY LAMINATED SILTY LIMESTONE, ALTERNATING LAMINAE OF PHYLLITE AND SILTY FINE GRAINED GREY LIMESTONE (920)
	3b	3b - SILVERY GREY WEATHERING, GREY TO BLACK FOLIATED SERICITE, CHLORITE, BIOTITE, GRAPHITE PHYLLITE, CAN CONTAIN LARGE GREENSTONE LENSES (924)
	3a	3a - LIGHT TO DARK GREY, BLACK QUARTZ SERICITE, BIOTITE, CHLORITE, PHYLLITE ALSO INCLUDES QUARTZ, GRAPHITE, PHYLLITE (948) AND QUARTZITE (948) GENERALLY CONTAINS SMALL GREENSTONE LENSES (931)
	2e	2e - DARK GREEN MASSIVE AMPHIBOLITE OCCURRING AS LENSES THROUGHOUT UNIT 2 (923)
	2d	2d - TAN WEATHERING MEDIUM GRAINED QUARTZ BIOTITE SERICITE (MUSCOVITE) SCHIST WITH ANDALUSITE, GARNETS, AND STAUROLITE (941)
LOWER CAMBRIAN?	2c	2c - MASSIVE WHITE TO GREASY CRYSTALLINE LIMESTONE TO MARBLE (903)
	2b	2b - WHITEISH WEATHERING, BANDED PALE TO DARK GREEN, PURPLISH BROWN BANDED CALC-SILICATES WITH PHYLLITIC AND SCHISTOSE PARTINGS (943)
	2a	2a - BROWN WEATHERING, MEDIUM TO COARSE GRAINED QUARTZ BIOTITE SCHIST WITH MINOR MUSCOVITE, ANDALUSITE, GARNETS, AND STAUROLITE PORPHYROBLASTS COMMON (947)
PROTEROZOIC	1	1 - GRID UNIT - GREY WEATHERING MEDIUM-DARK GREY, MUSCOVITE METAGUANTZITE, LOCALLY COLOUR BANDED, MINOR CHLORITE, TOURMALINE AND CARBONATE, INTERCALATED BLACK GRAPHITIC QUARTZITE COMMON (948)

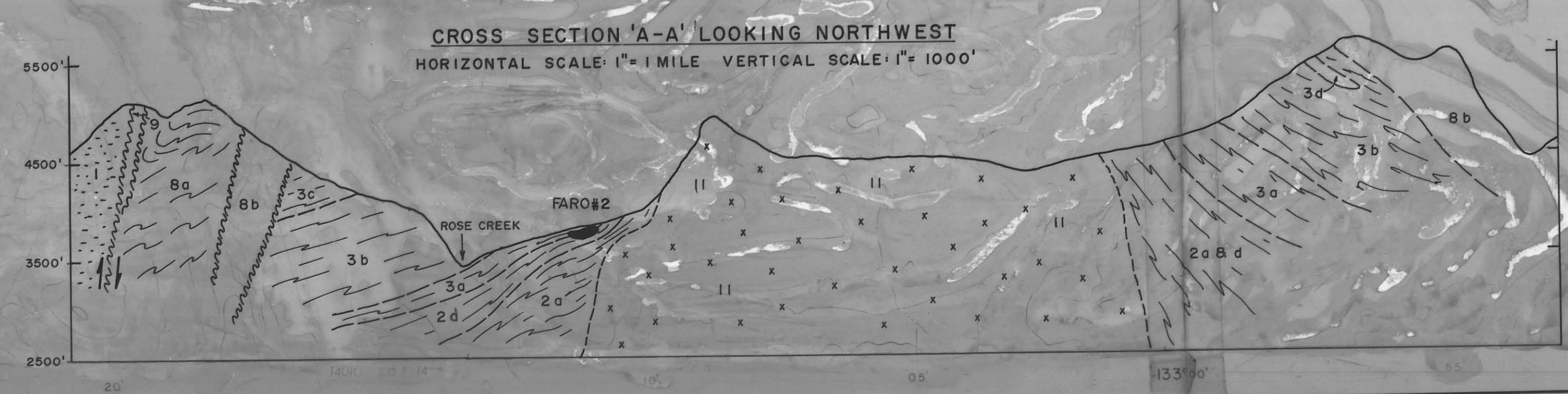
- SYMBOLS**
- LIMIT OF MAPPING
 - FOLIATION
 - POSTULATED FOLD AXIS
 - DEFINED, ASSUMED FAULTS
 - CONTACTS, DEFINED, ASSUMED
 - CLAIM BOUNDARIES
 - MASSIVE SULPHIDE DEPOSITS



DYNASTY EXPLORATIONS LTD.
TINTINA ANVIL PROJECT
REGIONAL GEOLOGY
NTS - 105K 2,3,5,6,7

GEOLOGY: W.J. ROBERTS, P. DEAN after B. KARVINEN and D. TEMPLEMAN-KLUIT
 SCALE: 1" = 1 MILE
 DATE: NOVEMBER, 1971

008054



CROSS SECTION 'A-A' LOOKING NORTHWEST
 HORIZONTAL SCALE 1" = 1 MILE VERTICAL SCALE 1" = 1000'