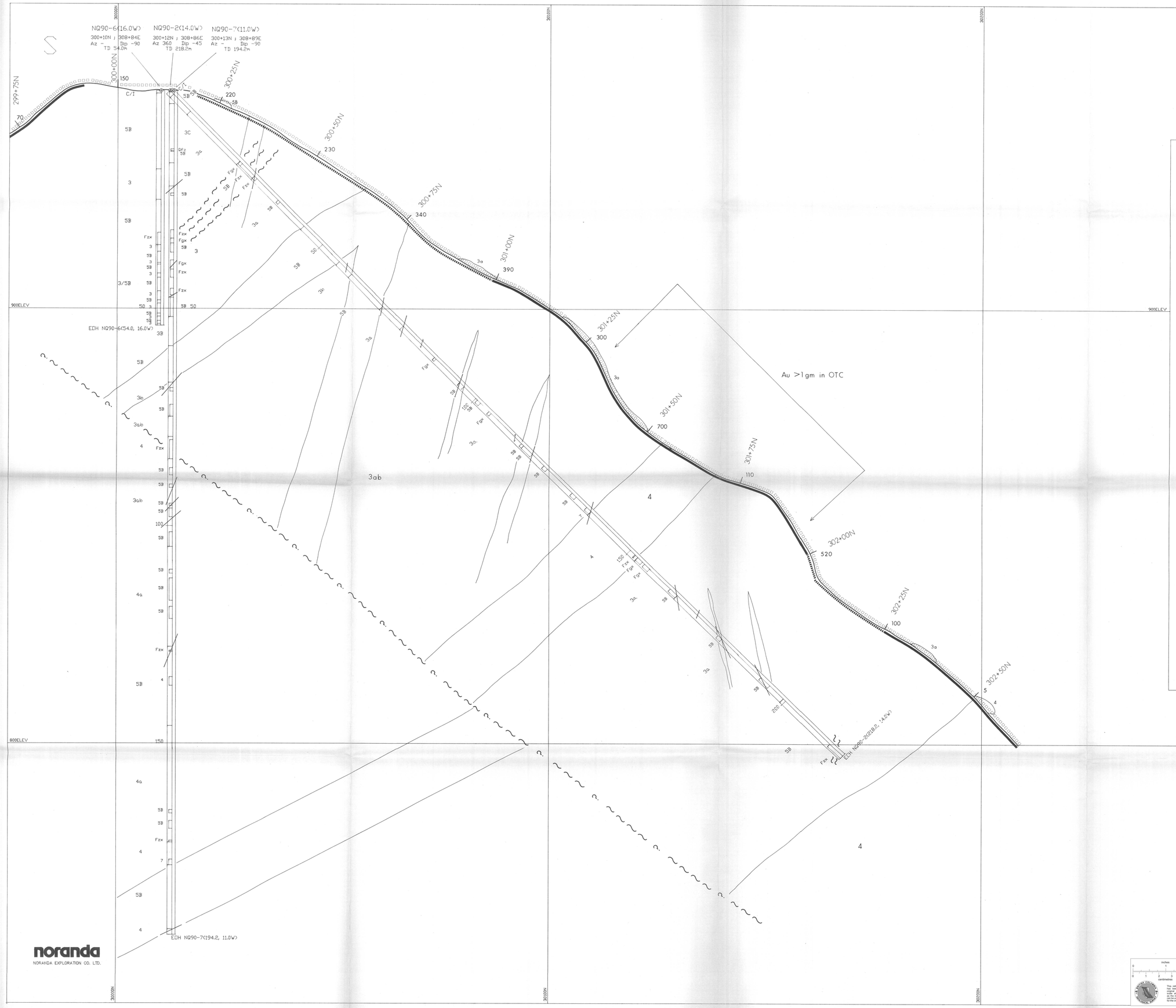


LEGEND

8 ANDESITE TUFFS
- MEDIUM GREEN FINE GRAINED SILICIFIED MATRIX
- ABUNDANT FELDSPAR TUFFACEOUS FRAGMENTS
- 0–5% FINE GRAINED MAFIC TUFFACEOUS FRAGMENTS

7 PALE GREEN TUFF
- PALE GREEN AND HIGHLY SILICEOUS
- VERY FINE GRAINED WITH GHOST FELDSPAR TUFFACEOUS FRAGMENTS
- MAY BE BANDED
- NOT MAPPED IN SURFACE EXPOSURES

6 BIOTITE – HORNBLENDE DIORITE
UNALTERED, MEDIUM TO FINE GRAINED CONTAINS XENOLITHIC BLOCKS OF ANDESITE NEAR CONTACT.

5 A – ANDESITE FLOWS / HIGH LEVEL INTRUSIVES
- MASSIVE UNDIFFERENTIATED MULTI-JOINTED
- GREY BLACK TO GREENISH BLACK IN COLOUR.
- VARIABLY PORPHYRITIC
- EXTENSIVE CHLORITE ALTERATION, LESSER EPIDOTE ALTERATION
- PYRITE ALMOST UNIVERSALLY PRESENT, 1–15% DISSEMINATED AND LOCALLY RICHER ON FRACTURE SURFACES.

B – ANDESITE DYKES
- SAME LITHOLOGY AS "5A"
- COMMONLY PORPHYRITIC – "FELDSPAR PORPHYRYS"
- CONTACTS VARY BETWEEN DIFFUSE GRADATIONAL TO SHARP AND OFTEN SHEARED
- CUTS ALL OTHER LITHOLOGIES (EXEPT DIORITE?)
- MOST TREND NORTH–NORTHWEST

4 DACITIC – ANDESITIC LAPILLI TUFFS
- COARSE DARK GREY TO PURPLISH IN COLOUR
- NODULAR FORM COMMON IN DRILL CORE. OFTEN LOGGED AS NODULAR TUFF
- SECONDARY BIOTITE COMMON, GIVING WELL DEVELOPED FABRICS
- GENERALY SHOW PERVASSIVE SILICIFICATION, PYRITIZATION AND LESSER K.–FELDSPAR ALTERATION

3 SILICEOUS FELSIC TUFFS
- FINE GRAINED, LIGHT BLUE – GREY IN COLOUR
- MAY INCLUDE MINOR HIGHLY ALTERED SEDIMENTS?
- GENERALY PERVASSIVE SILICIFICATION, PYRITIZATION AND K.–FELDSPAR ALTERATION
- STRONGLY BLEACHED, LEACHED, WITH DISTINCTIVE YELLOW BROWN GOSSANOUS WEATHERED SKIN IN STRONGLY ALTERED AREAS

2 SILICEOUS (SUGARY TEXTURED) FELSIC TUFFS
- VERY SILICEOUS, WHITE SUGARY TEXTURED
- MINOR PYRITE <1%
- SERICITE COMMON
- PINK Fe–OXIDE STAIN DISTINCTIVE ON WEATHERED SURFACE
- GRADATIONAL WITH (3) IN SOME AREAS

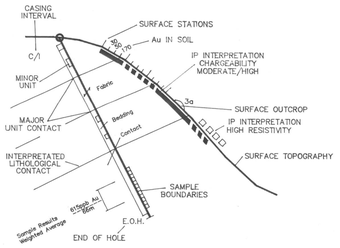
1 BOULDER CONGLOMERATE
- WELL ROUNDED GRANITIC BOULDERS FLOATING IN DARK CHLORITIZED ANDESITIC MATRIX

TUFFACEOUS ROCK MODIFIERS
- a) – FRAGMENTAL
- b) – LAPILLI
- c) – ASH
- d) – CRYSTAL

FAULTS
- Fzx – FAULT ZONE
- Fgx – FAULT GOUGE
- Fbx – FAULT BRECCIA

ALTERATION
- Qzx – QUARTZ FLOOD ZONE

SYMBOLS



SECTION LOOKING WEST

noranda
NORANDA EXPLORATION CO. LTD.

REVISED	QUET PROJECT
	SOUTHRIDGE ZONE
	SECTION 309+00E
	DDH NQ90-2, 6 & 7 GEOLOGY
PROJ.No. 126	SURVEY BY: R.G.W. DATE: NOVEMBER 26, 1990
N.T.S. 92O/09	DRAWN BY: GMS/AutoCAD (R. Wilson) SCALE: 1:300
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