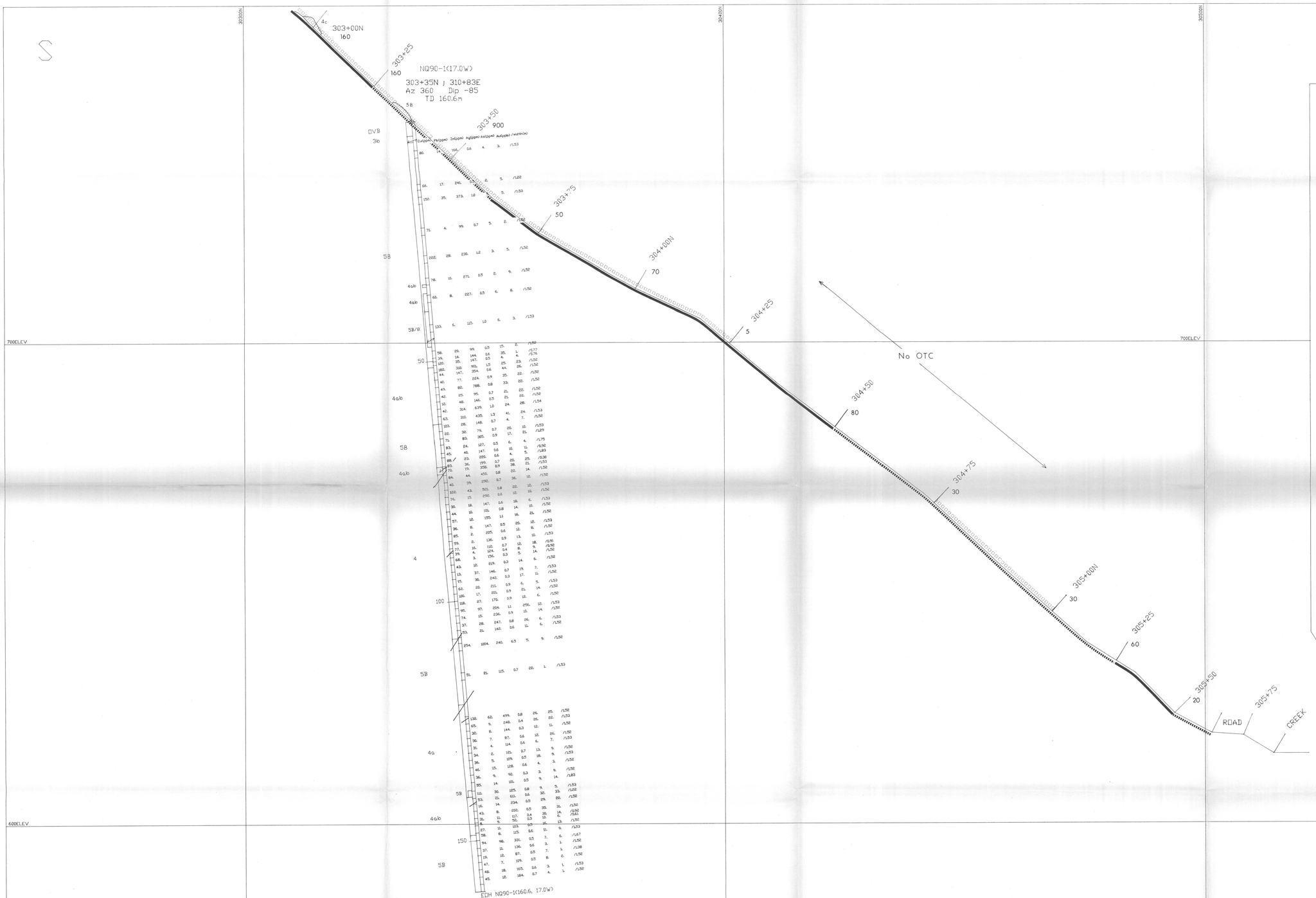


LEGEND

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

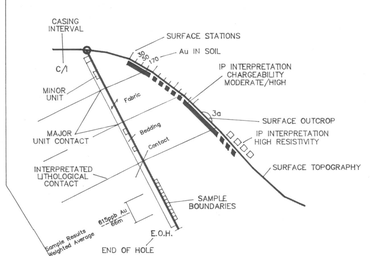
FAULTS

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

ALTERATION

Qzx – QUARTZ FLOOD ZONE

SYMBOLS



ROCK GEOCHEMICAL RESULTS ON SPLIT CORE
Cu(ppm) Pb(ppm) Zn(ppm) Ag(ppm) As(ppm) Au(ppb)

SECTION LOOKING WEST

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REVISED	QUET PROJECT
	SOUTHRIDGE ZONE
	SECTION 311+00E
	DDH NQ90-1 GEOLOGY AND GEOCHEMISTRY
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
DWG.No. 27	NORANDA EXPLORATION COMPANY, LIMITED
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This reference scale has been added to the original image. It will scale with any prints made from the image, therefore it can be used as a reference for the original size.

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