



NOTE: F/5620' - T/5660'
PROBABLE FACTURE ZONE; MAJOR
WATER DISCHARGE, REDUCTION IN
RETURNS, MNRLZD CTGS.

TUFF-ASH: LT-MED GRY-WHT, LOC
LT GRYSH GRN-LT YELSH WHT;
AMOR, ABD ANHD- EUHD QTZ,
ABD-COMN SBHD-EUHD CALCT IN
MTRX + VNLT, ABD ARGIL, ABD
HEMTT, RR CHLOR.

TUFF-ASH: CLR-YELSH WHT, LOC LT
YEL GRNSH GRY; AMOR, TR SLICK;
LOC ABND EUHD QTZ GRN,
CLR-CLDY; TR HEMTT, RR CALCT,
RR PRY; OCC CHLORITIC MICA LIKE
CTGS.

WELDED TUFF: WHT, OFF WHT, PL
HUES OF GRN, MOD ORNG PNK;
AMOR; COM CONCOIDIAL QTZ; RR
EUHD QTZ; COM PLTY SBHD-EUHD
CALCITE; CALCITE AND QTZ ARE
OFTEN CLEAR-V SL OPAQ; RR
HEMATITE STNG.

NOTE: QUANTITY OF WATER BEING
PRODUCED DECREASED RAPIDLY
AFTER 5778' FOLLOWED BY A
PRESSURE DROP AT ~5795' TO
700PSI, AN INCREASE IN WATER
PRODUCED BY THE WELL AND A
11°F DECREASE IN TEMPERATURE
OCCURRED ABOUT 30 MINUTES
LATER.

NOTE: CHLORITIC ALTERATION OF
BIOTITE AFTER 5800'.

TUFF-ASH: CLR-YELSH WHT, LOC LT
YEL GRNSH GRY; AMOR, TR SLICK;
LOC ABND EUHD QTZ GRN,
CLR-CLDY; TR HEMTT, RR-COMN
CALCT, RR PRY, RR CHLOR.

BASALT- ANDESITE: LT-MED
GRY-LT GRNSH GRY; PORPH-
SBAPHNC, LOC FOLI; ABD FLAG
PHENXT, SLT ARGIL ALTN; ABD
BIOT PHENXT, CHLOR ALTN; TR
CALCT, TR HEMTT, TR CHLOR.

NOTE: F/5020- T/5950 PROB
FRAC ZN; ADD WATER.

SURVEY @ 5926' 19° 108° AZI.

TUFF-ASH: CLR-YELSH WHT, COM LT
YEL GRNSH GRY; AMOR, TR SLICK;
LOC ABND EUHD QTZ GRN,
CLR-CLDY; TR HEMTT, TR CALCT IN
GRNMS + LOC FRAC FILL; TR
CHLOR, TR PRY, TR HMNT DICM +
PSD AFT PRY, TR CHLOR.

WELDED TUFF: WHT, BLSH WHT,
CLR-OPAQ, MOD RDSH ORNG, MOD
GRN, MOD YELSH GRN; AMOR; ABD
ANHD-SBHD QTZ; COM SBHD-EUHD
CALCITE, OFTEN <.25MM THICK;
RR-V RR SBHD-EUHD PYRITE AND
PYRITE PSD WITH MOD RD TO DK
RDSH BRN TARNISH, OCC PLTY WITH
SLICK; RR-ABD HEMATITE STNG;
RR- COM ANDESITE OFTEN
HYALOCRYSTALLINE AND PORPH, COM
PLAGIOCLASE PHENOCRYSTS.