

WOB 25K
RPM 65
PP 1000
SPM#1-90

11/7/200

11/8/200

11/14-15

4900
5000
5100
5200

---Samples yelsh brown;
Abund. Fe oxide stain'g;
2% bulk euhedral pyrite

COLD WATER PUMPED INTO TANK @ 4900'
Temp. In 109° F

Temp. out 132° F

Temp. In 139° F

Temp. out 151° F

Temp. In 139° F

Temp. out 155° F

Temp. In 140° F

Temp. out 154° F

260 bbls flush
from tank #4

VOLCANICLASTICS: YELSH BRN; COM
TO PERVASIVE YEL-ORNG-RED WTHRG
& OXIDATION STNG ON TUFFCS &
ANDESITIC CLASTICS; ABUND PYR;
INTED W/ ASH TUFF: PL YEL-WHT;
AMOR W/ ABD CALCT; TR AMOR QTZ;
LSE RED FE OXIDES; MNR
@EUB-GUMMY BENTONT CLAY CURDS
@B/U 4889'.

ASH TUFF: WHT, OFF WHT, V PL
ORNG, PL YELSH ORNG, RR GRN
HUES; AMOR; COM EUHD PYR; TR
DISSEM PYR 4920'-4935'; INC
QTZ; SL-MOD CALC; COM FE STNG;
TR ANDESITE FRAG.

ASH TUFF: WHT, V PL ORNG,
GRYSH ORNG PNK, MOD PNK; PRED
AMOR; OCC PORPH RYOLITE CGS;
PLAG LATHS; COM-ABD PRYITE
XTLS; OCC PSEUDOMORPHS; COM
MLKY WHT QTZ CRYSTALS; TR QTZ
VEINING; ABD CALCITE.

NOTE: FLOWING @ CONXNS; FLOW-
LINE TEMPERATURES UP T/ 162°
DURING SURVEY @ 5011'; DUMPG
PITS T/PREVENT OVERFLOW.

VOLCANICLASTICS: INTERBEDDED
WHT & YELSH ORNG-ORNG OXIDIZED
INTERVALS; SUBAERIAL & SHALLOW
FRESHWATER SEDIMENTS; 95-99%
ASH TUFF FRAGS W/SCAT RHYOLITIC
& ANDESITIC FRAGS; SBRND-ANG;
PRLY SRTD; UNCONSOL; ABD CALC;
COM FE OXIDES; TR-COM EUHD
PYRITE; VRY RARE 2NDARY QTZ.

ASH TUFF: WHT W/SCAT VRY PALE
YEL HUE ON SELECT GRAINS; ASHY
MTX W/FEW VIS FSPR PHENOXTS;
FELSIC, QTZ RICH; EASILY
DISAGGREG WHEN PROBED; LEAVES
METAL ON CTGS WHEN SCRATCHED;
RR VIS CONCHOIDAL FRACTURE ON
FEW QTZ VEINS; VFN FRAMBOIDAL &
LSE PYRITE; COM LSE FE OXIDES.

SURVEY @ 5004' : 22° ; 117° AZI

ASH TUFF: WHT, MOD ORNG PNK,
MOD RDSH ORNG, RR PL GRN HUES;
AMOR; OCC WAXY LSTR; INTED
W/VOLCANOCLASTICS; SL-MOD CALC;
TR QTZ COM HEMITITE STNG; RR-V
RR PYRITE, OCC PSD.

ASH TUFF: WHT, BLUISH, LT ORNG
PNK, RR GRYSH ORNG PNK & GRN
HUES; TR EUHD PYRITE & PSEUDO-
MORPHS; RR QTZ, OCC CONCHOIDAL
FRACT; MOD CALC; COM CLR CALCT;
INTED VOLCANICLASTICS; TR HEMTT.

ASH TUFF: WHT, RR HUES OF GRN,
RR MOD ORNG PNK; PRED ASH W/RR
DISCERNABLE PHENOXTS; SL-MOD
CALC; TR QTZ CRYSTALS; RR QTZ
VEING & PYR; TR DACITE PORPH;

SURVEY @ 5223' : 17° ; 111° AZI

NOTE: FLOW LINE TEMP 162° F
DUR CONXN @5230'; DRILLED
T/5252'; SURVEY.