

# Tentative BPLF Traverse Plans (Mary Chapman)

**Station 1:** Examination of west edge of curvilinear deposit of bright material and possible fault in lava flow.

**Station 2:** Central area of bright deposit.

**Station 3:** East end of bright deposit.

Gate: 13.8 ft wide at N 35.66336 and W 111.44839

**Station 4:** Bright material at east of Black Point Flow at N 35.67527 and W 111.36582.

**Station 5:** Scarp (fault--antithetical to monocline) at N 35.67184 and W 111.35078.

**Station 6:** Exit off of the Flow via gate at N 35.67136 and W 111.34800 (one post of 12' wide gate is already down) to examine basalt outcrops internal to flow.

**Station 7:** Examination of pristine basalt columns & boulders (road at this point is only 9 ft wide--rover will turn back here and retrace steps to station 6).

**Station 8:** Rover follows fault scarp northwest to bright material.

**Station 9:** Bright material on route to station 10.

**Station 10:** Good view of basalt cliffs to estimate flow thickness and possible examination of red outcrops below basalt at N 35.67134 and W 111.34798.

**Station 11:** Exit off lava flow, route follows wash around north end of flow.

**Station 12:** Examination of red rock cliff outcrops beneath flow.

**Station 13:** Egress back onto lava flow and return to base camp.

# Station 1

(West curvilinear bright deposit)



# Station 1

(Central area of bright deposit)



# Stations 2 & 3

(Bright material)



# Station 4



# Stations 5, 6, 7, & 8

(Retrace steps from Station 7 to 6 and go to 8)



# Station 6

(Egress off flow to Station 7)



# Station 7

(EVA to basalt)





# Station 10

(Red rocks under basalt)



# Station 11

(Exit off lava flow to Stations 12 & 13)



# Stations 12 & 13

(Back onto flow)

