

BURNT LAVA 62-21

Depth feet	ALTERATION				DESCRIPTION
	clay	silica	pyrite	zeolite	
500	+++	+++	+++	+++	486-574 Basalt Flows, 1% 1-2mm plg pheno, 1-5mm vesicles, few breccia zone 489-497.
	+++	+++	+++	+++	574-583 Basaltic cinders over vol. sand, qtz, feld.
	+++	+++	+++	+++	583-696 Pyroclastic Flow, 35% blocks + lapilli in ash matrix, 2% 2mm feldspar xls.
	+++	+++	+++	+++	696-711 Basalt Flow, 2mm plg pheno, py in vesicles.
	+++	+++	+++	+++	711-739 Lahar, 50% blocks in clay-lapilli, layers.
	+++	+++	+++	+++	739-976 Basalt Flows, 10% 2-3mm xls of olivine, pyrox, plag, black, dense to vesicular and red flow breccia zones.
1000	+++	+++	+++	+++	976-1000 Ash Flow Tuff, yellow matrix, lapilli to blocks.
	+++	+++	+++	+++	1000-1028 Basalt Flow, vesicular, black, non-porphy.
	+++	+++	+++	+++	1028-1068 Ash Flow Tuffs, crystal-lithic to 1052, 10' welded, pale grn non-welded ash below 1052.
	+++	+++	+++	+++	1068-1236 Basalt Flows, vesicular to dense, 1% 2mm xls plag & olivine, intraflow ash 1107-1112.
1236-1263	+++	+++	+++	+++	Basaltic Cinders & Scoria.
1263-1624	+++	+++	+++	+++	Basalt Flows, 2% 2mm xls plag % olivine. Mostly dense flow, dark gray, hem stain and black MnOx on joints, some green to white clay, possibly zeolite.
1624-1645	+++	+++	+++	+++	Tuff, orange-brn, lithic lapilli, clay alt base.
1645-1705	+++	+++	+++	+++	Basalt Flow, black to dk gray.
1705-2014	+++	+++	+++	+++	Volcanoclastic, mixed lithologies, lapilli to block size, clast supported with sand and clay matrix, but abundant intra-clast spaces partly zeolite filled. Clasts are intermediate, non- vesicular. Grades to ash near base.
233-2139	+++	+++	+++	+++	Andesitic Lava Flow, 15% 2mm xls of bio. & feldspar, 3' basalt dike at 2038'.