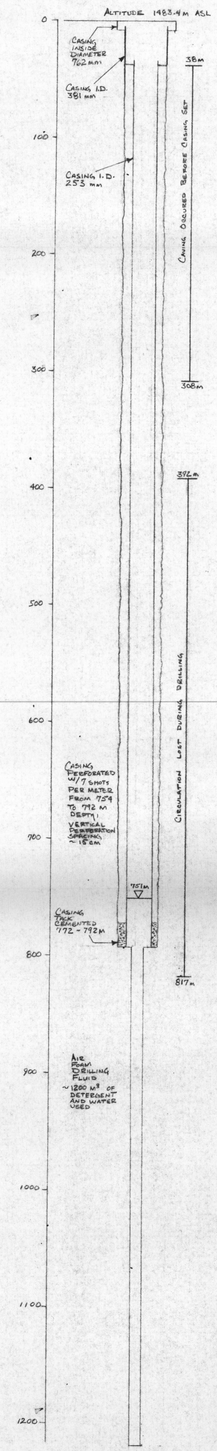
DRILL HOLE DATA USW-H3



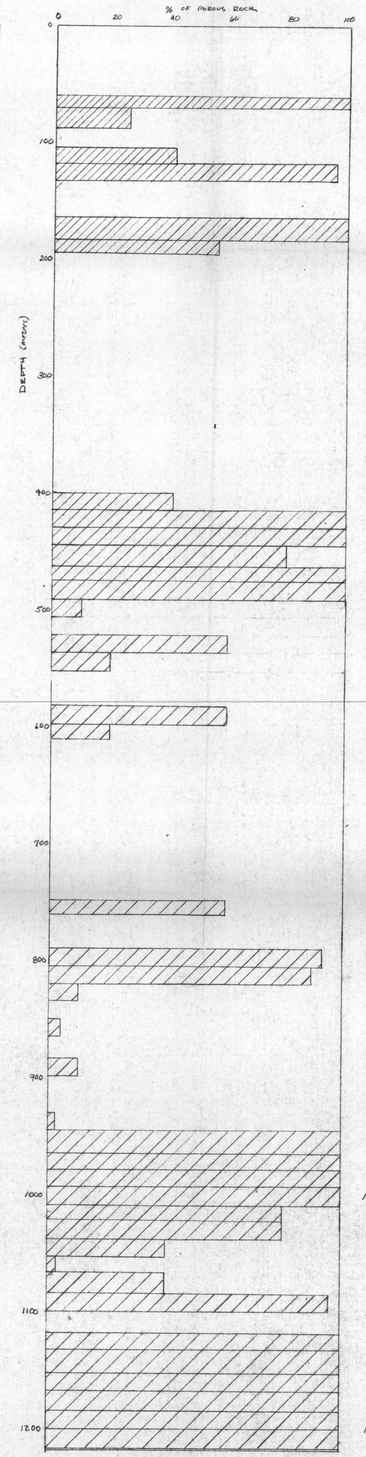
STRATIGRAPHIC UNITS — GENERALIZED LITHOLOGIC DESCRIPTIONS

Stratigraphic Units	Generalized Lithologic Descriptions
Tiva Canyon Member	Tuff, ash-flow, gray and orange, densely welded to nonwelded (thickness 120 m)
	Tuff bedded, airfall, brown and gray, vitric and devitrified (?); mostly pumice fragments (3 meters)
Topopah Springs Member	Tuff, ash-flow, mostly brown and orange, mostly moderate to densely welded, commonly devitrified (301 meters)
Tuffaceous Beds of Calico Hills	Tuff, ash-flow (?), white to light gray; vitric; mostly pumice fragments, nonwelded, bedded interval between 438 and 458 m, (29 meters)
Prow Pass Member	Tuff, ash-flow, pink, nonwelded to partially welded, commonly devitrified (226 meters)
	Tuff, bedded, reworked (?); yellow and pink, devitrified (?); mostly pumice fragments (2 meters)
Bullfrog Member	Tuff, ash-flow, mostly brown, mostly densely welded, devitrified. (165 meters)
	Bedded tuff, reworked, yellow and orange, devitrified (?). (7 meters)
Tram Member	Tuff, ash-flow, mostly gray, mostly partially welded, devitrified. (341 meters)
	Bedded tuff, reworked, green. (13 meters)
Lithic Ridge Tuff	Tuff, ash-flow, gray, partially welded, partially zeolitic (?) and argillitic (?). (110 + meters)
	Total depth 1219 meters

WWL # 17 Pg 5

DISTRIBUTION OF POROUS ROCK

As determined from geophysical logs



WWL # 17 Pg 7

GENERAL NOTES USW-H3

Ground surface el. 1483.4 m A.S.L.
Total depth 1219 m

Drilling fluid - air foam
Approx. 1200 m³ of drilling fluid used

Circulation lost during drilling between 392 m - 817 m
Caving between 38 m - 308 m before casing set

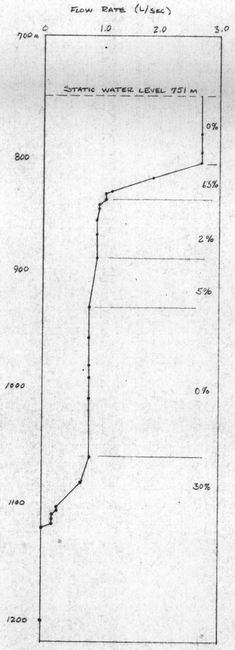
Casing perforated w/vertical perf. spacing of ~ 15 cm (approx. 7 shots/m) from 757 m - 792 m

Bottom of casing set @ 792 m

Water table depth is approx. 757 m below ground surface in the bedded tuff underlying the Bullfrog Member.

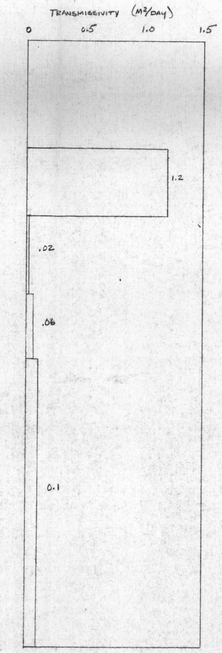
BOREHOLE FLOW SURVEY

% injection rate by interval



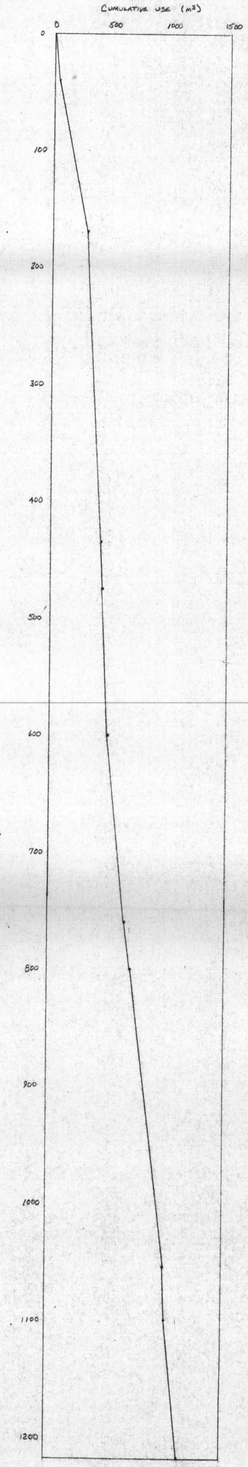
WWL # 17 Pg 10
WWL # 15 Pg 19

INJECTION TEST



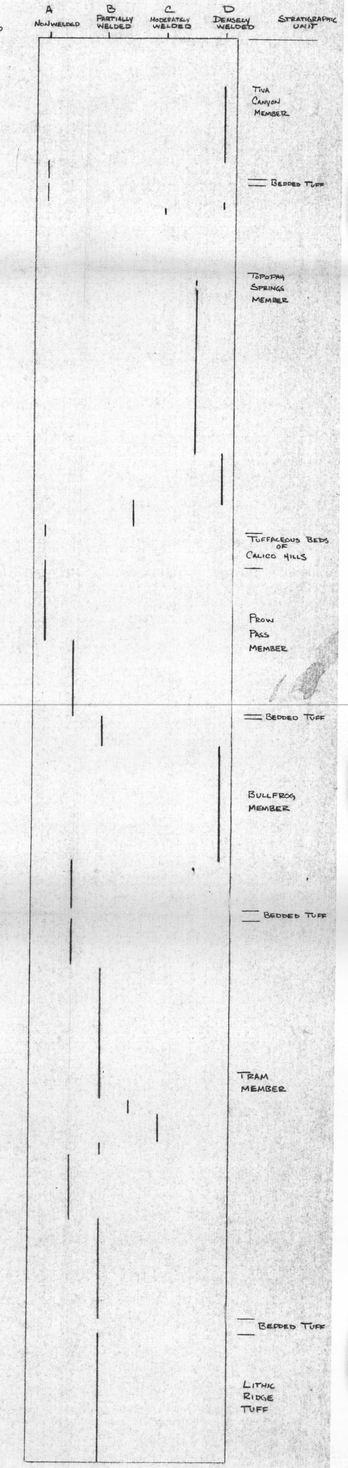
WWL # 17 Pg 13

DRILLING FLUID LOST



WWL # 15 Pg 22

GENERALIZED DEGREE OF WELDING OF ROCK PENETRATED BY WELL



WWL # 15 Pg 11

D-05