

5/28-11 甚
Umatilla^{ca}

R. J. Strasser Drilling Co.

8110 S. E. Sunset Lane
Portland, Oregon 97206

Log of Well for Port of Umatilla

fine sand	0' - 21'
coarse sand	21' - 26'
cearse sand and large gravel	26' - 30'
gravel, some binder	30' - 41'
gravel and boulders	41' - 56'
sand silt and large gravel	56' - 98'
black basalt	98' - 109'
broken basalt	109' - 119'
red lava	119' - 134'
broken brown lava	134' - 150'
red lava	150' - 161'
broken lava	161' - 164'
medium hard grey basalt	164' - 172'
hard grey basalt	172' - 253'
broken black basalt	253' - 262'
blue clay and baslt	262' - 286'
medium hard grey basalt	286' - 291'
hard grey basalt	291' - 317'
broken grey basalt	317' - 320'
broken black basalt and some clay	320' - 341'
medium hard grey basalt	341' - 355'
hard grey basalt	355' - 386'
broken grey basalt	386' - 401'
medium hard grey basalt	401' - 405'
hard grey basalt	405' - 434'
broken brown basalt	440' - 444'
medium hard grey basalt	444' - 450'
broken grey basalt	450' - 464'
broken brown basalt	464' - 487'
medium hard black basalt	487' - 512'
hard grey basalt	512' - 524'
medium hard black basalt	524' - 565'
medium hard brown basalt	565' - 573'
medium hard black basalt	573' - 590'
hard grey basalt	590' - 604'
medium hard black basalt	604' - 652'
hard grey basalt	652' - 688'
black lava and clay	688' - 696'
hard grey basalt	696' - 706'
porous broken black lava	706' - 719'
medium hard black basalt	719' - 740'
hard black basalt	740' - 762'
porous black basalt	762' - 773'
hard black basalt	773' - 793'
hard grey basalt	793' - 804'
medium black vesicular basalt	804' - 811'
broken black porous basalt	811' - 827'
broken black and brown basalt	827' - 832'
medium hard black basalt	832' - 850'