

**Table 2 (Revised)**  
**Free Product Mobility and Physical Parameters**

Location ID	Core ID	Core Depth Interval (feet bgs)	Subsample Depth (feet bgs)	Moisture Content (% Dry Weight)	Bulk Density (g/cm <sup>3</sup> )	Grain Density (g/cm <sup>3</sup> )	Porosity (%)	Pore Fluid Saturation			
								Initial Fluid Saturation (% Pore Volume)		After Centrifuge at x10G (% Pore Volume)	
								Water	DNAPL	Water	DNAPL
DG-Core-13	DG-Core-13-A2	31.5-33.0	32.1	15.0	1.60	2.64	39.5	61.3	4.3	61.3	4.3
	DG-Core-13-A3	33.0-34.5	33.4	18.8	1.53	2.61	41.3	55.0	13.0	54.9	13.0
	DG-Core-13-B1	40.0-41.5	40.4	34.7	1.32	2.61	49.5	79.0	9.3	77.4	9.3
	DG-Core-13-B1	40.0-41.5	40.6	38.6	1.27	2.63	51.8	90.5	1.7	88.5	1.7
	DG-Core-13-B1	40.0-41.5	41.3	29.3	1.44	2.64	45.5	91.1	8.1	89.0	8.1
DG-Core-14	DG-Core-14-D3	22.6-23.9	23.3	27.1	1.39	2.53	45.1	67.7	31.9	51.5	31.9
	DG-Core-14-D3	22.6-23.9	23.7	22.8	1.30	2.56	49.1	52.5	20.3	41.8	20.3
DG-Core-16	DG-Core-16-A1	30.0-31.5	30.95	39.8	1.28	2.56	49.9	39.0	47.3	39.0	46.2
	DG-Core-16-B1	75.0-76.6	75.9	27.5	1.49	2.72	45.2	80.9	4.7	80.5	4.7
DG-Core-17	DG-Core-17-B2	56.25-57.5	56.75	36.0	1.33	2.64	49.6	93.4	0.3	91.9	0.3
	DG-Core-17-B2	56.25-57.5	56.95	39.2	1.24	2.56	51.7	96.3	1.4	94.6	1.4
	DG-Core-17-B3	57.5-58.75	58.4	28.8	1.41	2.68	47.4	70.0	13.5	69.8	13.5
	DG-Core-17-C1	63.3-65.0	64.1	40.6	1.23	2.58	52.2	93.0	5.6	90.5	5.6
DG-Core-18	DG-Core-18-B1	35.0-36.5	35.3	47.3	1.02	2.45	58.4	70.7	2.5	70.5	2.5
	DG-Core-18-B2	36.5-38.0	37.4	31.9	1.29	2.65	51.4	78.9	5.1	78.0	5.1
DG-Core-19	DG-Core-19-A1	63.5-65.0	64.0	30.1	1.27	2.56	50.3	73.5	1.1	73.4	1.1
	DG-Core-19-A1	63.3-65.0	64.8	22.3	1.55	2.69	42.3	78.7	3.1	78.6	3.1
DG-Core-20	DG-Core-20-B2	87.1-88.4	87.5	23.0	1.42	2.69	47.3	68.5	2.8	68.0	2.8
	DG-Core-20-B3	88.4-89.7	89.15	32.0	1.30	2.59	49.7	84.4	1.3	82.7	1.3
DG-Core-21	DG-Core-21-B2	26.3-27.6	27.1	22.7	1.55	2.68	42.1	75.9	20.2	61.7	20.2
	DG-Core-21-C4	43.9-45.0	44.1	39.3	1.28	2.62	51.2	54.1	45.9	49.3	44.7
	DG-Core-21-C4	43.9-45.0	44.2	41.6	1.28	2.62	51.3	52.0	45.5	49.9	44.9
	DG-Core-21-E1	94.0-95.2	94.7	47.3	1.13	2.45	54.0	93.9	2.5	90.6	2.5
DG-Core-22	DG-Core-22-A1	35.0-37.0	35.6	34.6	1.20	2.56	53.2	63.5	13.8	63.2	13.8
	DG-Core-22-D2	61.2-62.4	61.4	39.0	1.21	2.56	52.9	88.0	2.0	87.0	2.0
	DG-Core-22-D2	61.2-62.4	61.6	38.0	1.11	2.54	56.2	69.0	6.4	68.4	6.4
	DG-Core-22-D2	61.2-62.4	62.1	29.9	1.45	2.61	44.2	45.2	51.4	44.9	48.5
	DG-Core-22-D2	61.2-62.4	62.2	30.7	1.44	2.63	45.3	43.7	55.9	43.6	49.2
DG-Core-23	DG-Core-23-A2	91.3-92.6	92.6	28.7	1.22	2.56	52.4	66.5	0.7	66.4	0.7
	DG-Core-23-E3	132.6-133.9	133.1	29.0	1.37	2.58	46.7	65.0	21.3	62.4	21.3
DG-Core-25	DG-Core-25-A2	21.3-22.6	21.8	26.7	1.38	2.57	46.4	62.2	21.3	50.7	21.3
	DG-Core-25-C2	51.3-52.6	51.7	37.0	1.42	2.53	44.0	73.5	21.9	69.6	21.9
	DG-Core-25-C2	51.3-52.6	52.4	31.4	1.32	2.59	49.2	48.2	33.2	47.7	33.2
DG-Core-26	DG-Core-26-B1	32.0-33.3	32.6	34.8	1.32	2.58	48.8	82.5	12.9	80.4	12.9
	DG-Core-26-C3	87.6-88.9	88.7	30.9	1.41	2.52	44.0	71.1	26.3	71.0	26.3

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								Initial Fluid Saturation (% Pore Volume)		After Centrifuge at x10G (% Pore Volume)	
								Water	DNAPL	Water	DNAPL
DG-Core-27	DG-Core-27-B2	9.0-10.0	9.3	48.6	0.94	2.53	63.1	40.9	31.1	38.4	31.1
	DG-Core-27-D4	18.9-20.0	19.4	34.9	1.27	2.24	43.2	57.7	34.6	57.2	34.6
	DG-Core-27-E1	20.0-21.3	21.1	28.4	1.34	2.55	47.3	57.8	21.1	57.5	21.1
DG-Core-29	DG-Core-29-A1	52.0-53.0	52.75	40.1	1.18	2.56	53.8	89.0	0.4	88.0	0.4
	DG-Core-29-A1	52.0-53.0	52.85	35.5	1.21	2.59	53.1	78.8	3.8	77.3	3.8
	DG-Core-29-B1	66.0-67.3	66.4	37.9	1.11	2.55	56.5	73.2	2.3	72.2	2.3
	DG-Core-29-B3	68.6-69.9	69.5	27.7	1.29	2.64	51.2	56.8	14.0	54.6	14.0

Notes:

Cells revised from the original Table 2 are highlighted in yellow.

x10G: 10 times gravity

bgs: below ground surface

DNAPL: dense nonaqueous phase liquid

g/cm<sup>3</sup>: gram per cubic centimeter

mg/kg: milligram per kilogram