Crushed Rock Analysis
Summary of Routine Crushed Core Analyses Results
As-Received and Vacuum Dried at 212°F

Strategic Biofuels LLC
Louisiana Green Fuels Well 001
Caldwell Parish, LA
Riverton Field

HH-108056
11/4/2021

Sample ID	Top Depth, feet	Bottom Depth, feet	A-R Bulk Density, gm/cc	A-R Grain Density, gms/cc	A-R Gas Saturation, % of BV	*A-R Press Decay Permeability, md*	Dry Bulk Density, gm/cc	Dry Grain Density, gm/cc	Dry Helium Porosity, % of BV
1-10 CRA	3609.20	3609.45	2.33	2.35	0.9	*4.60E-05*	2.10	2.73	23.2
1-20 CRA	3619.00	3619.25	2.30	2.36	2.3	*9.77E-05*	2.07	2.74	24.3
1-28 CRA	3627.50	3627.75	2.34	2.36	0.6	*2.62E-05*	2.11	2.73	22.9
2-4 CRA	4693.00	4693.25	2.51	2.54	0.9	*4.03E-05*	2.39	2.74	12.8
5-1 CRA	5900.45	5900.80	2.61	2.62	0.6	*3.90E-05*	2.51	2.77	9.4
5-11 CRA	5910.05	5910.35	2.57	2.58	0.5	*2.40E-05*	2.46	2.75	10.5
5-21 CRA	5920.55	5920.85	2.60	2.60	0.1	*4.48E-06*	2.50	2.75	9.0
5-29 CRA	5928.55	5928.85	2.60	2.60	0.3	*1.36E-05*	2.50	2.75	9.2
Average values:			2.48	2.50	0.8	*3.64E-05*	2.33	2.75	15.2

As-received bulk volumes and bulk densities were determined on intact bulk sample material.
The bulk material was crushed and all other analysis reported herein were conducted on the crushed material.

Mud/Fluid type: WBM

Permeabilities calculated using CSM mathematics.

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Summary of Routine Crushed Core Analyses Raw Data Results
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11/4/2021

Sample ID	Top Depth, feet	Bottom Depth, feet	A-R Hg Bulk Volume, cc	A-R Weight, g	Dry Weight, g	A-R Grain Volume, cc	Dry Grain Volume, cc	Calculated Pore Volume, cc	Reported Gas, cc
1-10 CRA	3609.20	3609.45	104.600	243.610	219.136	103.691	80.282	24.318	0.909
1-20 CRA	3619.00	3619.25	91.670	211.250	189.871	89.597	69.362	22.308	2.073
1-28 CRA	3627.50	3627.75	98.050	229.760	206.681	97.466	75.621	22.429	0.584
2-4 CRA	4693.00	4693.25	112.450	282.740	268.308	111.412	98.012	14.438	1.038
5-1 CRA	5900.45	5900.80	96.690	251.990	242.961	96.084	87.616	9.074	0.606
5-11 CRA	5910.05	5910.35	102.070	262.240	251.374	101.610	91.394	10.676	0.460
5-21 CRA	5920.55	5920.85	108.130	280.560	270.217	108.024	98.392	9.738	0.106
5-29 CRA	5928.55	5928.85	110.450	286.570	276.082	110.157	100.326	10.124	0.293

Permeability versus Percentage Gas Saturation

As Received Crushed Preparation

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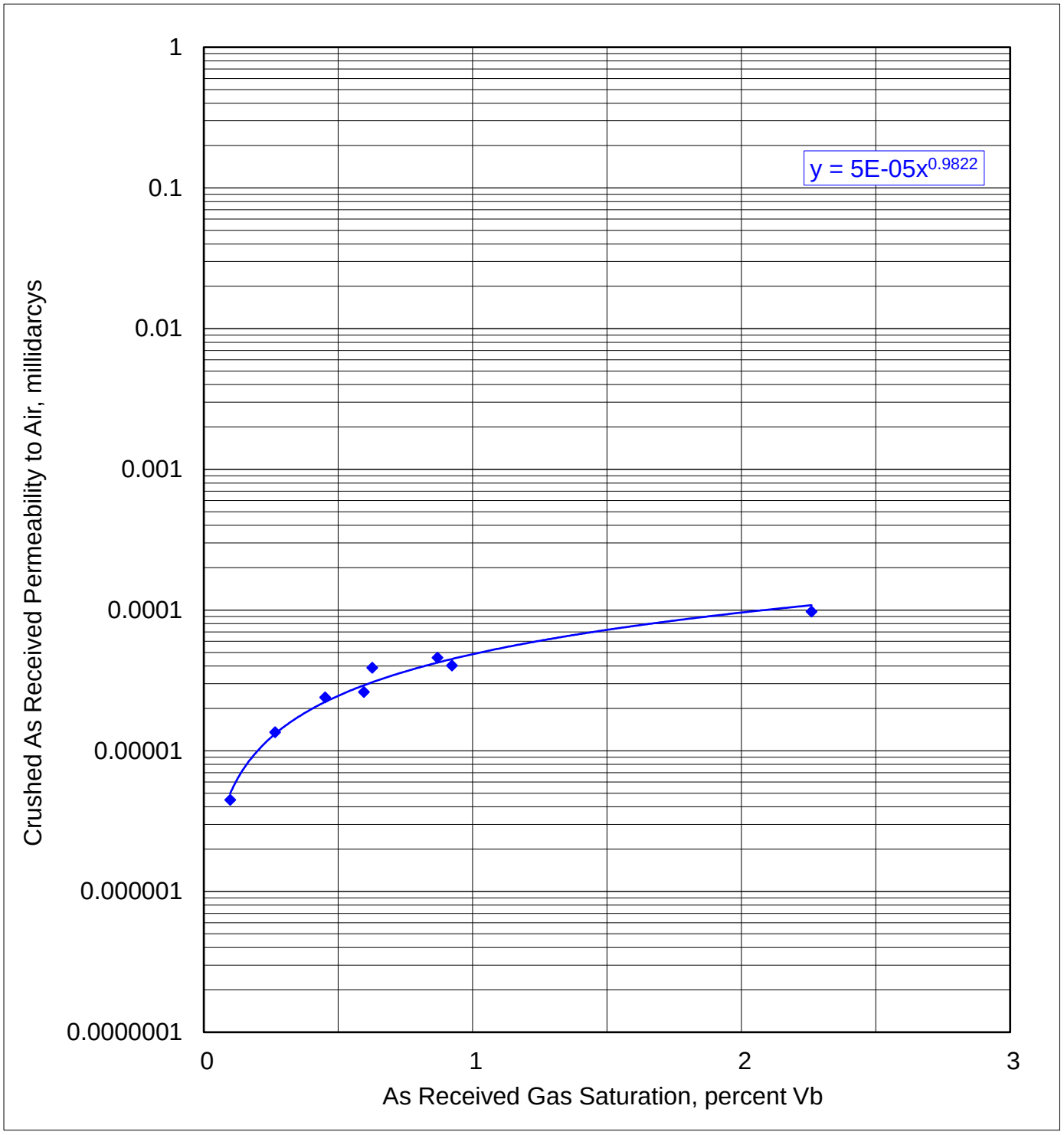

Crushed Rock Analysis Data

Comparative Results vs. Depth

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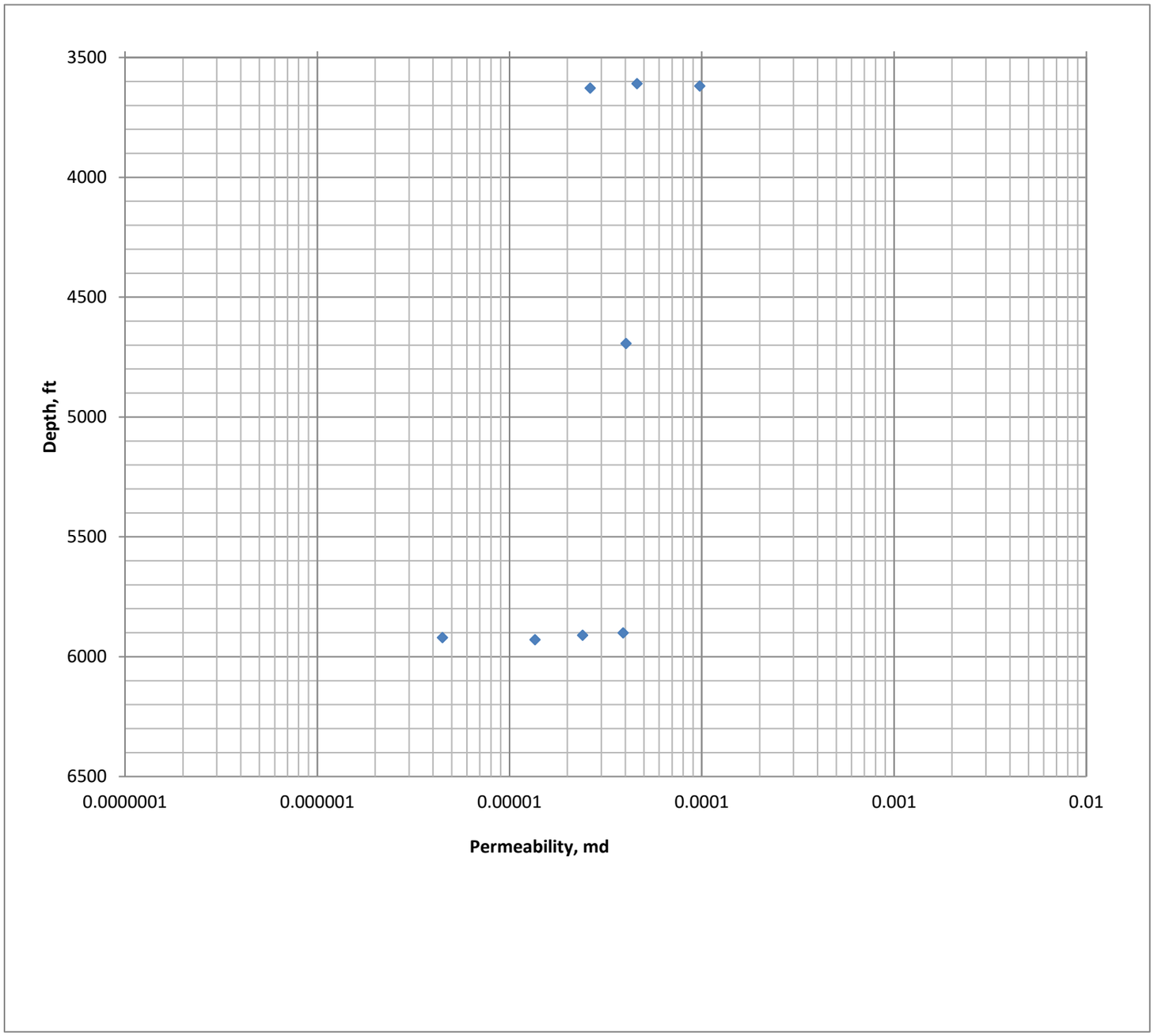

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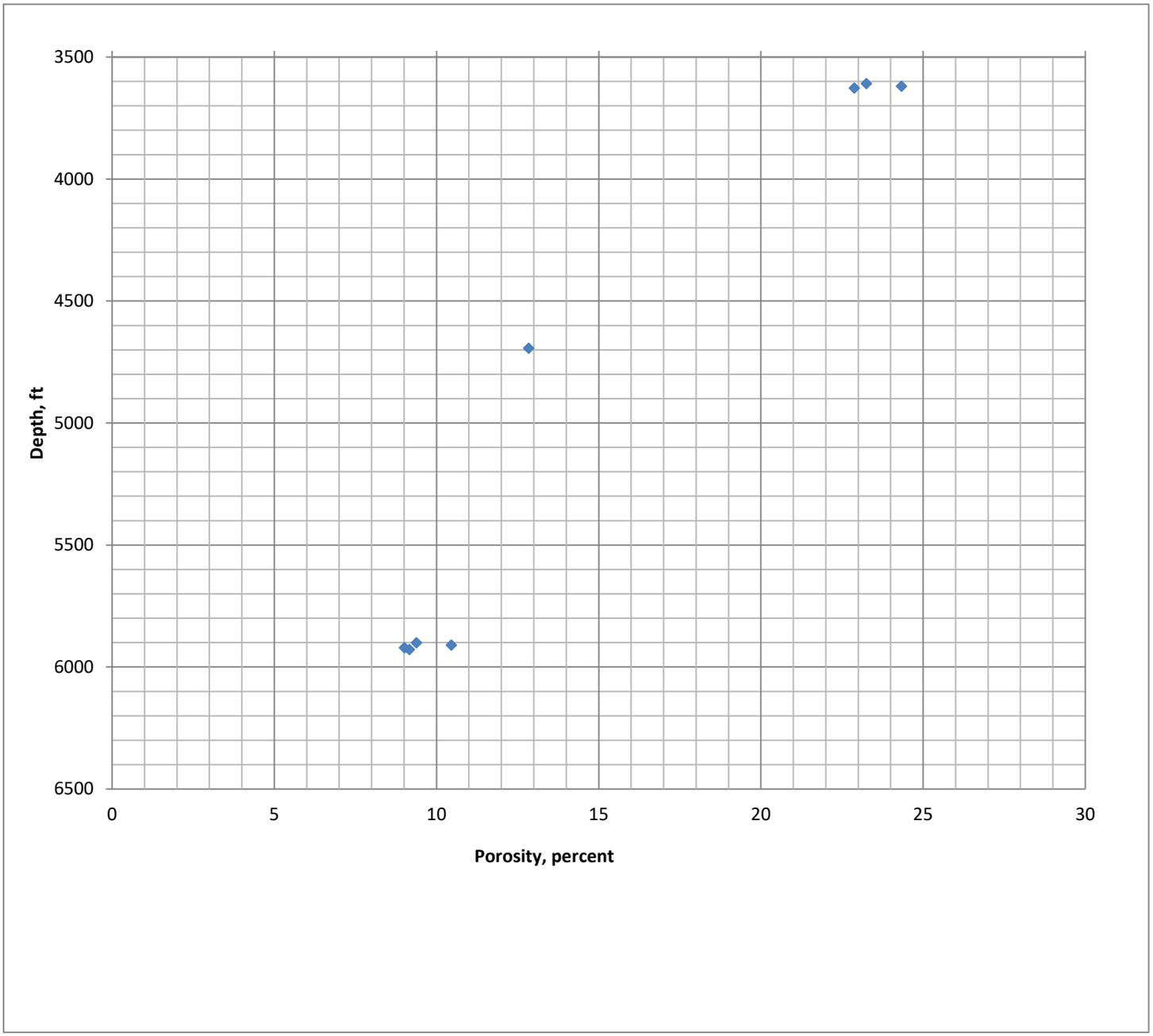

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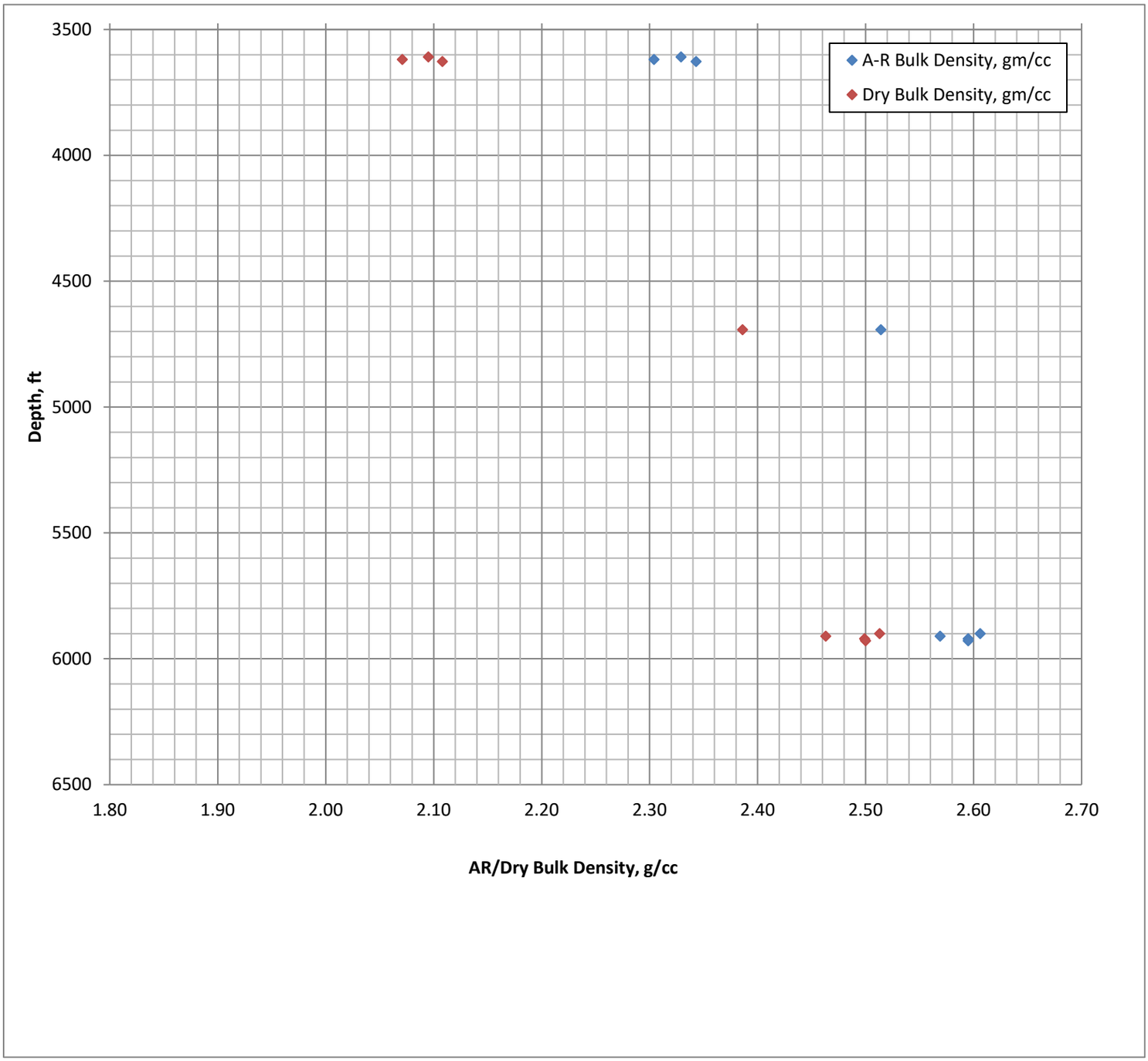

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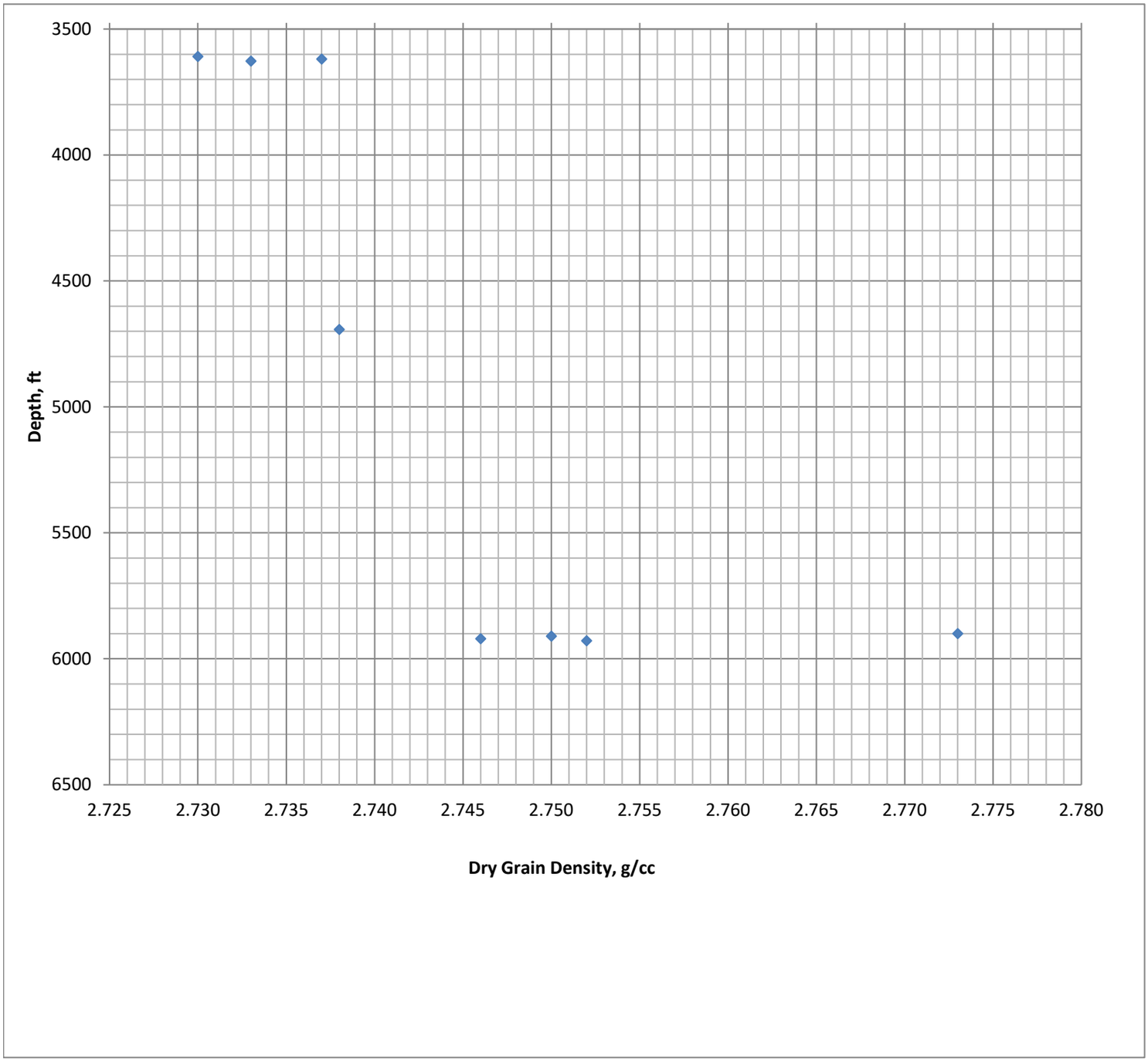
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