

Client:	A&K EARTH MOVERS	Project Number.:	1013
Client Contact:	Mr. Jon DeMartin	Lab Number:	37045
Project Name:	GOLDEN VALLEY PIT	Material:	NV ENERGY SAND
Source:	GOLDEN VALLEY PIT	Date Tested:	10/26/2022
Date Sampled:	10/26/2022	Date Completed:	10/28/2022
Sampled By:	CLIENT	Reviewed By:	S. SCHWEITZER

SOILS AND AGGREGATE TESTING

Test Method	Sieve Analysis	Percent Passing	NV Energy Specification 2016	
			Electric Conduit Bedding	Gas Pipe Bedding
ASTM C136/C117	4 Inch			
	3 Inch			
	2 Inch			
	1 1/2 Inch			
	1 Inch			
	3/4 Inch			
	1/2 Inch			
	3/8 Inch	100		100
	No. 4	94		90-100
	No. 8	76		
	No. 10	71		
	No. 16	56		
	No. 30	39		
	No. 40	32		
No. 50	26		10-40	
No. 100	17		3-20	
No. 200	11		0-15	

*OUT OF SPECIFICATION FOR ELECTRIC CONDUIT BEDDING SAND

MATERIAL PROPERTIES

Test & Test Method	Sample Results	Specifications	
Liquid Limit ASTM D4318	NV	-	-
Plasticity Index ASTM D4318	NP	-	NON PLASTIC
Sand Equivalent ASTM D2419	36	-	25 MINIMUM

MOISTURE DENSITY CURVE

Test Type	Test Method	Sample Results	Specifications
Maximum Dry Density	ASTM D1557	-	-
Optimum Moisture	ASTM D1557	-	-

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Steve Vineis