BARRICK
PUEBLO VIEJO JV

Laboratory Information

Laboratory:	Test Standard:	Test Method:	Hydrometer Type:
Technician:	Test Date:	Prep. Method.	Mixing Method:
Sample By	Report Date:	Dispersion Device	Specific Gravity was:

Sample Information

Structure:	Sample Name:	Depth From
Work Area	Sample Number:	Depth To:
Source	Sample Date:	North
Material Type:	Elevation	East

Companion Moisture Content Test 50 g

Trial No.	
Tare Name.	
Oven Temperature (°C)	
Tare Plus Wet Soil (gr)	
Tare Plus Dry Soil (gr)	
Water, Ww (gr)	
Tare (gr)	
Dry Soil, Ws (gr)	
Moisture Content (%)	

	50 (gr)	25 (gr)
Air dried mass hidrometer specimen (gr)		
Dry mass of Hidrometer Specimen (gr)		
Mass retained on No. 200 after Hidrometer (gr)		
Dry mass of hidrometer Specimen passing No. 200 (gr)		
Fine Content of Hidrometer Specimen (%)		

Companion Moisture Content Test 25 g

Trial No.	
Tare Name.	
Oven Temperature (°C)	
Tare Plus Wet Soil (gr)	
Tare Plus Dry Soil (gr)	
Water, Ww (gr)	
Tare (gr)	
Dry Soil, Ws (gr)	
Moisture Content (%)	

Atterber Limit Results

Liquid Limit (%)	
Plasticity Index (%)	

Specific Gravity

SG	

Hydrometer Analysis

Dispersing Agent	
Amount used (g)	
Temperature of test, T (ºC)	
Viscosity of water (g*s/cm2)	
Mass density of water Calibrated (ρ_C)	
Acceleration (cm/s2)	
Volume of suspension (V_{sp}) cm3	
Meniscus Correction, Cm	

Hydrometer Calibration:		**Hydrometer measure of fluid:**	
Hydrometer ID:		Hydrometer ID:	
Temperature (ºC)	Actual Reading	Temperature (ºC)	Actual Reading

Hydrometer Calibration:		**Hydrometer measure of fluid:**	
Hydrometer ID:		Hydrometer ID:	
Temperature (ºC)	Actual Reading	Temperature (ºC)	Actual Reading

Reading for 25g	Date	Hour	Reading Time, T (min)	Temp °C	Hydrometer Readings (Rm)	A or B depending of the Hydrometer type	Offset at Reading (r_{dm})	*Mass Percent Finer (N_m) (%)*	Effective Length(H_m)	*D*, mm

Suggested Reading Times: 1 min, 2 min, 4 min, 15 min, 30 min, 60 min (1 hour) , 240 min (4 hour), 360 min (6 hr), 1440 min (24 hr).

Reading for 50g	Date	Hour	Reading Time, T (min)	Temp °C	Hydrometer Readings (Rm)	A or B depending of the Hydrometer type	Offset at Reading (r_{dm})	*Mass Percent Finer (N_m) (%)*	Effective Length(H_m)	*D*, mm

Suggested Reading Times: 1 min, 2 min, 4 min, 15 min, 30 min, 60 min (1 hour) , 240 min (4 hour), 360 min (6 hr), 1440 min (24 hr).

Percent Dispersion

Nm, 2µm not dispersed	
Nm, 2µm dispersed	
% Dispersion	
Classification	

Laboratory Comments:

Reviewed By:_____

Date:_____

Approved By: _____

Date: _____