

Claimholder Note: A selective test involving split sections of mineralized drill core from Rockstone diamond drill holes return values ranging from 4.2% C(g) to 14.7% C (g) (AGAT Labs Analyses). These selected samples were then subjected to purification and sieve analyses to help determine some parameters of graphite particle size distribution.



Geotechnical Materials Division

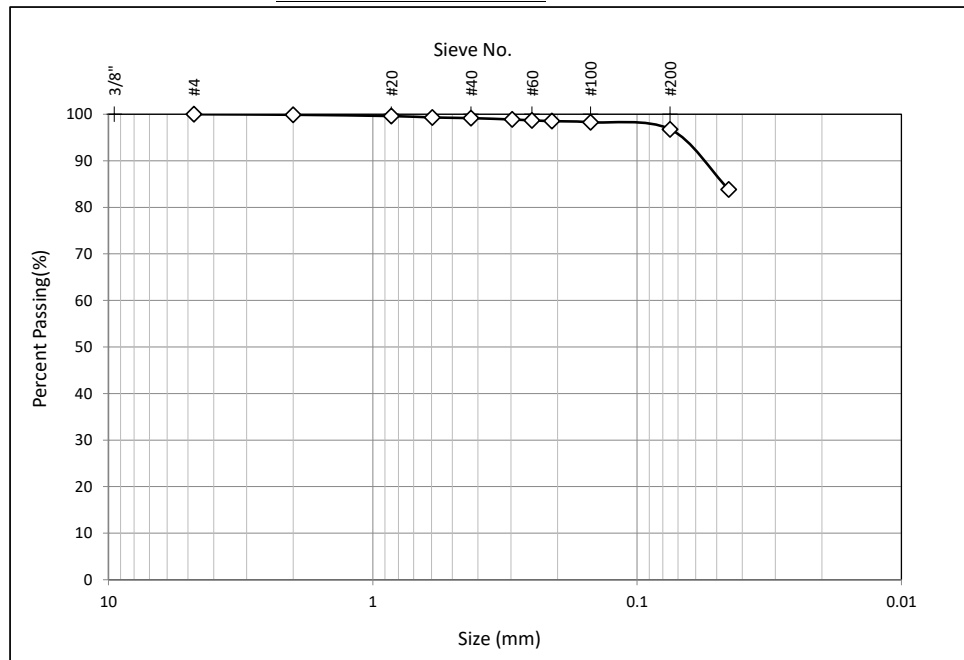
106-2730 39 Ave NE  
Calgary, Alberta T1Y 7H6

**Particle Size Distribution Analysis by Sieve  
ASTM D6913**

<b>Project No./Name:</b> Rockstone	<b>AGAT WorkOrder:</b> 23C074294	<b>AGAT ID:</b> 23-589
<b>Client:</b> CLARK EXPLORATION CONSULTING INC	<b>Client Sample ID.:</b> S1-Baghouse	5323105A
<b>Location:</b> ON	<b>Borehole/ Pit No.:</b> NA	<b>Depth (m):</b> NA
	<b>Sampling Date:</b> NA	<b>Sampled By:</b> Client
	<b>Testing Date:</b> 10/10/2023	<b>Tested By:</b> AKSM
	<b>Reporting Date:</b> 10/18/2023	<b>Revision:</b> 0

**Sample Description:** Non soil materials

Particle Size Distribution Curve



Soil Gradation:

Sieve ID	Size (mm)	Passing (%)
No. 4	4.75	100
No. 10	2	99.9
No. 20	0.85	99.6
No. 30	0.595	99.3
No. 40	0.425	99.2
No. 50	0.297	98.9
No. 60	0.25	98.7
No. 70	0.21	98.5
No. 100	0.15	98.3
No. 200	0.075	96.8
No. 325	0.045	83.8

Comment:

NA: Not Available

Ghareib H.  
Reviewer

10/18/2023  
Review Date

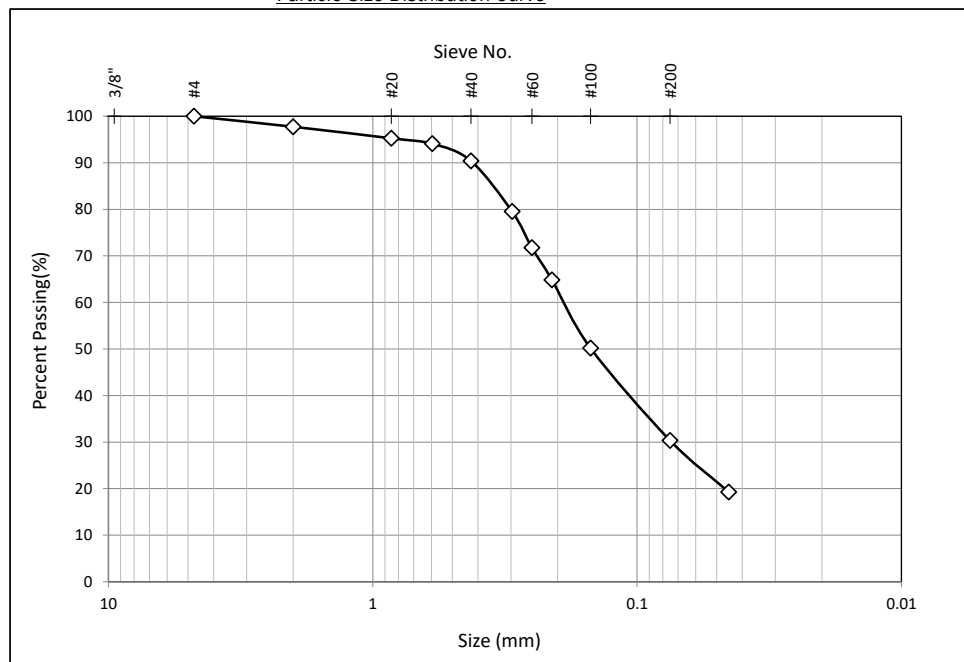
*Ghareib H.*  
Signature

## Particle Size Distribution Analysis by Sieve ASTM D6913

<b>Project No./Name:</b> Rockstone	<b>AGAT WorkOrder:</b> 23C074294	<b>AGAT ID:</b> 23-590
<b>Client:</b> CLARK EXPLORATION CONSULTING INC	<b>Client Sample ID.:</b> S1-Section2	5323106A
<b>Location:</b> ON	<b>Borehole/ Pit No.:</b> NA	<b>Depth (m):</b> NA
	<b>Sampling Date:</b> NA	<b>Sampled By:</b> Client
	<b>Testing Date:</b> 10/6/2023	<b>Tested By:</b> AKSM
	<b>Reporting Date:</b> 10/18/2023	<b>Revision:</b> 0

**Sample Description:** Non soil materials

Particle Size Distribution Curve



Soil Gradation:

Sieve ID	Size (mm)	Passing (%)
No. 4	4.75	100
No. 10	2	97.7
No. 20	0.85	95.3
No. 30	0.595	94.1
No. 40	0.425	90.4
No. 50	0.297	79.5
No. 60	0.25	71.8
No. 70	0.21	64.9
No. 100	0.15	50.2
No. 200	0.075	30.3
No. 325	0.045	19.3

Comment:

NA: Not Available

Ghareib H.  
 Reviewer

10/18/2023  
 Review Date

*Ghareib H. Hammad*  
 Signature

## Particle Size Distribution Analysis by Sieve ASTM D6913

Project No./Name: Rockstone

AGAT WorkOrder: 23C074294

AGAT ID: 23-591

Client: CLARK EXPLORATION CONSULTING INC

Client Sample ID: S1-Section3

5323107A

Location: ON

Borehole/ Pit No.: NA

Depth (m): NA

Sampling Date: NA

Sampled By: Client

Testing Date: 10/6/2023

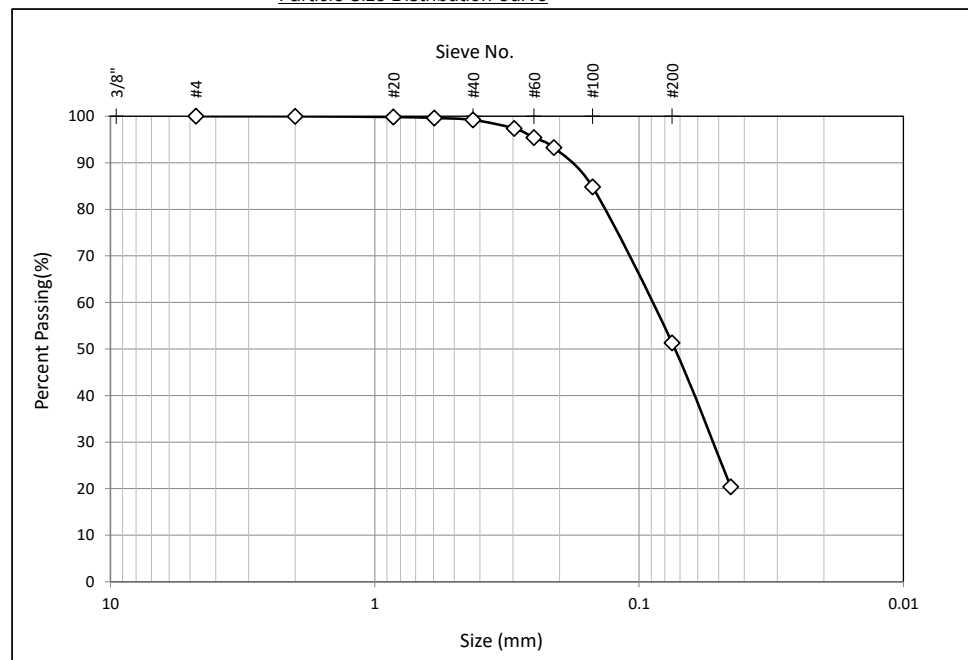
Tested By: AKSM

Reporting Date: 10/18/2023

Revision: 0

Sample Description: Non soil materials

Particle Size Distribution Curve



Soil Gradation:

Sieve ID	Size (mm)	Passing (%)
No. 4	4.75	100
No. 10	2	100.0
No. 20	0.85	99.8
No. 30	0.595	99.6
No. 40	0.425	99.2
No. 50	0.297	97.4
No. 60	0.25	95.4
No. 70	0.21	93.2
No. 100	0.15	84.8
No. 200	0.075	51.3
No. 325	0.045	20.4

Comment:

NA: Not Available

Ghareib H.  
 Reviewer

10/18/2023  
 Review Date

*Ghareib H. Hammad*  
 Signature

## Particle Size Distribution Analysis by Sieve ASTM D6913

**Project No./Name:** Rockstone

**AGAT WorkOrder:** 23C074294

**AGAT ID:** 23-592

**Client:** CLARK EXPLORATION CONSULTING INC

**Client Sample ID:** S1-Section4

5323108A

**Location:** ON

**Borehole/ Pit No.:** NA

**Depth (m):** NA

**Sampling Date:** NA

**Sampled By:** Client

**Testing Date:** 10/6/2023

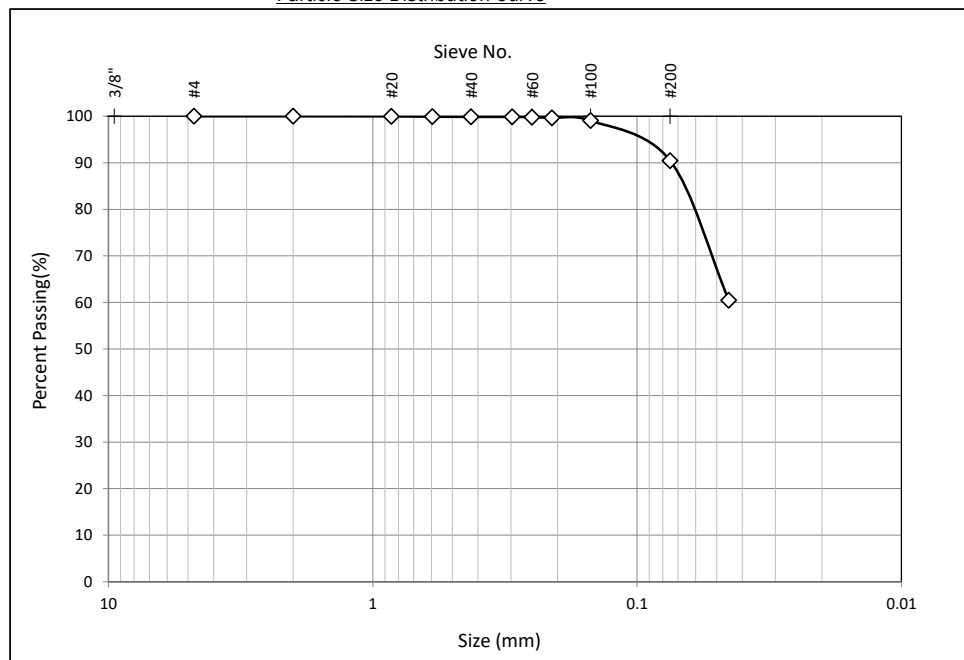
**Tested By:** AKSM

**Reporting Date:** 10/18/2023

**Revision:** 0

**Sample Description:** Non soil materials

Particle Size Distribution Curve



Soil Gradation:

Sieve ID	Size (mm)	Passing (%)
No. 4	4.75	100
No. 10	2	100.0
No. 20	0.85	100.0
No. 30	0.595	99.9
No. 40	0.425	99.9
No. 50	0.297	99.9
No. 60	0.25	99.8
No. 70	0.21	99.6
No. 100	0.15	99.0
No. 200	0.075	90.5
No. 325	0.045	60.5

Comment:

NA: Not Available

Ghareib H.  
 Reviewer

10/18/2023  
 Review Date

*Ghareib H. Hammad*  
 Signature

## Particle Size Distribution Analysis by Sieve ASTM D6913

**Project No./Name:** Rockstone

**AGAT WorkOrder:** 23C074294

**AGAT ID:** 23-593

**Client:** CLARK EXPLORATION CONSULTING INC

**Client Sample ID:** S1-Oversize

5323109A

**Location:** ON

**Borehole/ Pit No.:** NA

**Depth (m):** NA

**Sampling Date:** NA

**Sampled By:** Client

**Testing Date:** 10/6/2023

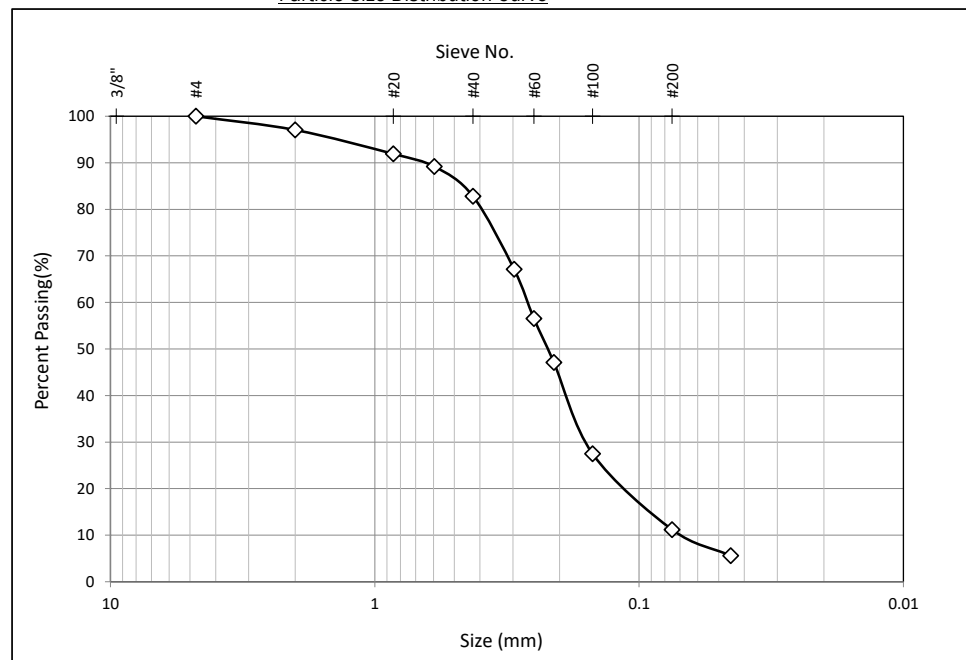
**Tested By:** AKSM

**Reporting Date:** 10/18/2023

**Revision:** 0

**Sample Description:** Non soil materials

Particle Size Distribution Curve



Soil Gradation:

Sieve ID	Size (mm)	Passing (%)
No. 4	4.75	100
No. 10	2	97.0
No. 20	0.85	91.9
No. 30	0.595	89.2
No. 40	0.425	82.8
No. 50	0.297	67.1
No. 60	0.25	56.5
No. 70	0.21	47.1
No. 100	0.15	27.5
No. 200	0.075	11.2
No. 325	0.045	5.6

Comment:

NA: Not Available

Ghareib H.  
 Reviewer

10/18/2023  
 Review Date

*Ghareib H.*  
 Signature

## Particle Size Distribution Analysis by Sieve ASTM D6913

**Project No./Name:** Rockstone

**AGAT WorkOrder:** 23C074294

**AGAT ID:** 23-595

**Client:** CLARK EXPLORATION CONSULTING INC

**Client Sample ID:** S2-Baghouse

5323111A

**Location:** ON

**Borehole/ Pit No.:** NA

**Depth (m):** NA

**Sampling Date:** NA

**Sampled By:** Client

**Testing Date:** 10/10/2023

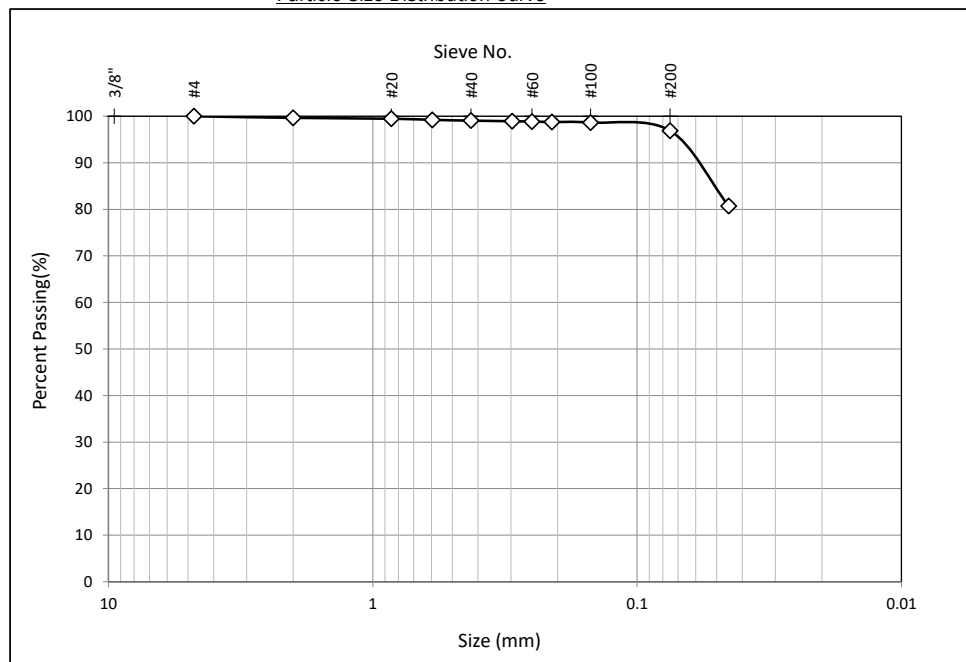
**Tested By:** AKSM

**Reporting Date:** 10/18/2023

**Revision:** 0

**Sample Description:** Non soil materials

Particle Size Distribution Curve



Soil Gradation:

Sieve ID	Size (mm)	Passing (%)
No. 4	4.75	100
No. 10	2	99.6
No. 20	0.85	99.5
No. 30	0.595	99.2
No. 40	0.425	99.1
No. 50	0.297	98.9
No. 60	0.25	98.9
No. 70	0.21	98.8
No. 100	0.15	98.6
No. 200	0.075	96.9
No. 325	0.045	80.7

Comment:

NA: Not Available

Ghareib H.  
 Reviewer

10/18/2023  
 Review Date

*Ghareib H. Hammad*  
 Signature

## Particle Size Distribution Analysis by Sieve ASTM D6913

**Project No./Name:** Rockstone

**AGAT WorkOrder:** 23C074294

**AGAT ID:** 23-596

**Client:** CLARK EXPLORATION CONSULTING INC

**Client Sample ID:** S2-Section1

5323112A

**Location:** ON

**Borehole/ Pit No.:** NA

**Depth (m):** NA

**Sampling Date:** NA

**Sampled By:** Client

**Testing Date:** 10/10/2023

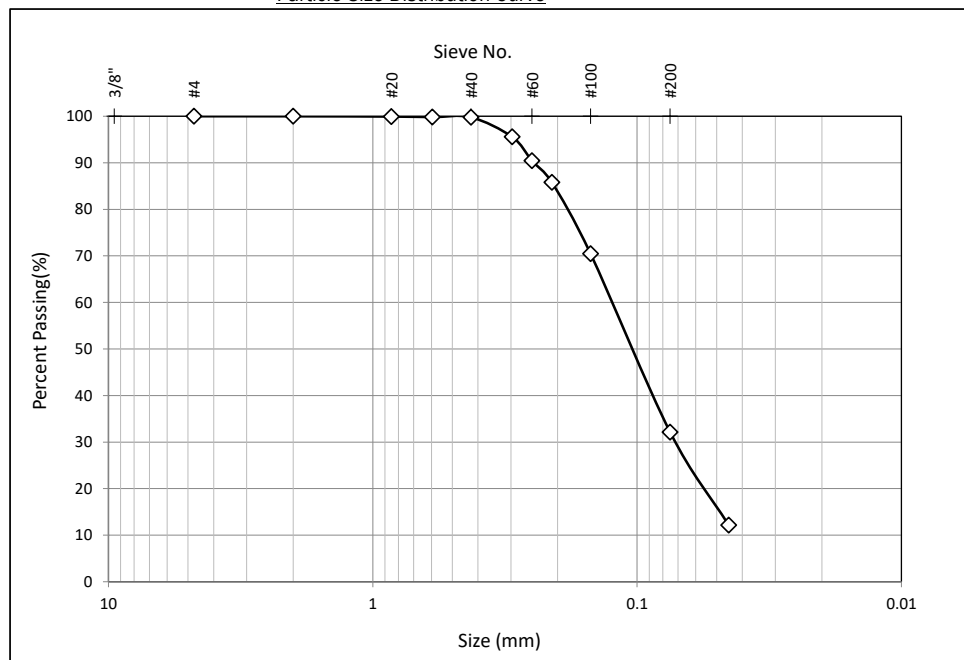
**Tested By:** AKSM

**Reporting Date:** 10/18/2023

**Revision:** 0

**Sample Description:** Non soil materials

Particle Size Distribution Curve



Soil Gradation:

Sieve ID	Size (mm)	Passing (%)
No. 4	4.75	100
No. 10	2	100.0
No. 20	0.85	99.9
No. 30	0.595	99.8
No. 40	0.425	99.8
No. 50	0.297	95.6
No. 60	0.25	90.5
No. 70	0.21	85.8
No. 100	0.15	70.5
No. 200	0.075	32.1
No. 325	0.045	12.1

Comment:

NA: Not Available

Ghareib H.  
 Reviewer

10/18/2023  
 Review Date

*Ghareib H.*  
 Signature

## Particle Size Distribution Analysis by Sieve ASTM D6913

**Project No./Name:** Rockstone

**AGAT WorkOrder:** 23C074294

**AGAT ID:** 23-597

**Client:** CLARK EXPLORATION CONSULTING INC

**Client Sample ID:** S2-Section4

5323115A

**Location:** ON

**Borehole/ Pit No.:** NA

**Depth (m):** NA

**Sampling Date:** NA

**Sampled By:** Client

**Testing Date:** 10/10/2023

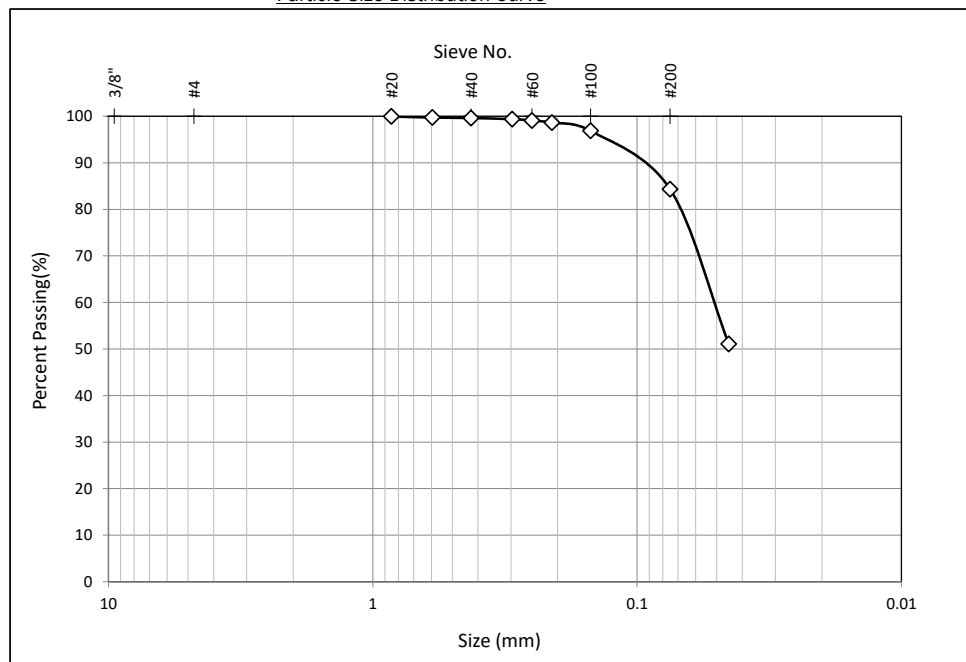
**Tested By:** AKSM

**Reporting Date:** 10/18/2023

**Revision:** 0

**Sample Description:** Non soil materials

Particle Size Distribution Curve



Soil Gradation:

Sieve ID	Size (mm)	Passing (%)
No. 10	2	100
No. 20	0.85	99.9
No. 30	0.595	99.7
No. 40	0.425	99.6
No. 50	0.297	99.4
No. 60	0.25	99.1
No. 70	0.21	98.6
No. 100	0.15	96.9
No. 200	0.075	84.3
No. 325	0.045	51.1

Comment:

NA: Not Available

Ghareib H.  
 Reviewer

10/18/2023  
 Review Date

*Ghareib H.*  
 Signature



## Particle Size Distribution Analysis by Sieve ASTM D6913

**Project No./Name:** Rockstone

**AGAT WorkOrder:** 23C074294

**AGAT ID:**

**Client:** CLARK EXPLORATION CONSULTING INC

**Client Sample ID:** S2-Section2

5323113A

**Location:** ON

**Borehole/ Pit No.:** NA

**Depth (m):** NA

**Sampling Date:** NA

**Sampled By:** Client

**Testing Date:** 10/18/2023

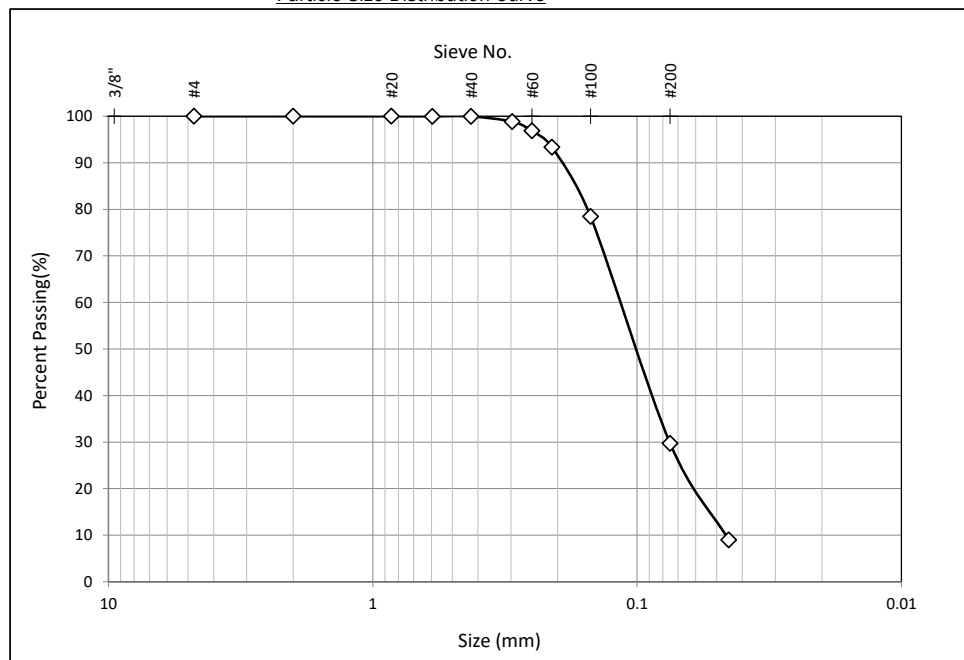
**Tested By:** HS

**Reporting Date:** 10/18/2023

**Revision:** 0

**Sample Description:** Non soil materials

Particle Size Distribution Curve



Soil Gradation:

Sieve ID	Size (mm)	Passing (%)
No. 4	4.75	100.0
No. 10	2	100.0
No. 20	0.85	100.0
No. 30	0.595	100.0
No. 40	0.425	100.0
No. 50	0.297	98.8
No. 60	0.25	96.9
No. 70	0.21	93.4
No. 100	0.15	78.5
No. 200	0.075	29.7
No. 325	0.045	9.0

Comment:

NA: Not Available

Ghareib H.  
 Reviewer

10/18/2023  
 Review Date

*Ghareib H. Ghareib*  
 Signature

## Particle Size Distribution Analysis by Sieve ASTM D6913

**Project No./Name:** Rockstone

**Client:** CLARK EXPLORATION CONSULTING INC

**Location:** ON

**AGAT WorkOrder:** 23C074294

**Client Sample ID:** S2-Section3

**Borehole/ Pit No.:** NA

**Sampling Date:** NA

**Testing Date:** 10/18/2023

**Reporting Date:** 10/18/2023

**AGAT ID:**

5323114A

**Depth (m):** NA

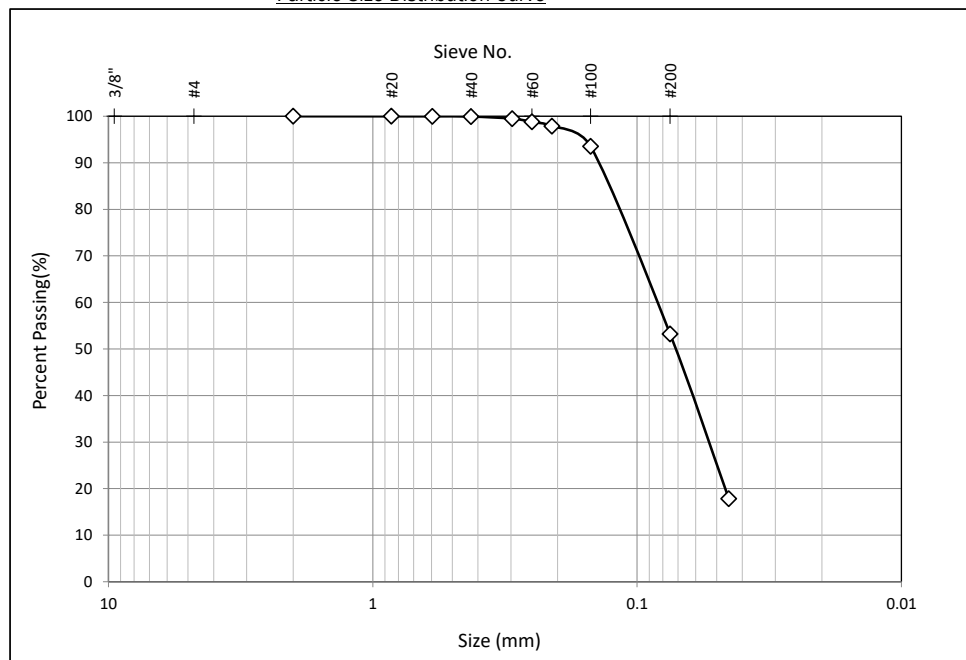
**Sampled By:** Client

**Tested By:** HS

**Revision:** 0

**Sample Description:** Non soil materials

Particle Size Distribution Curve



Soil Gradation:

Sieve ID	Size (mm)	Passing (%)
No. 10	2	100
No. 20	0.85	100.0
No. 30	0.595	100.0
No. 40	0.425	99.9
No. 50	0.297	99.5
No. 60	0.25	98.8
No. 70	0.21	97.9
No. 100	0.15	93.5
No. 200	0.075	53.2
No. 325	0.045	17.8
0	0	

Comment:

NA: Not Available

Ghareib H.  
 Reviewer

10/18/2023  
 Review Date

*Ghareib H. Ghareib*  
 Signature