"Measurement of Properties for Proppants Used In Hydraulic Fracturing and Gravel-Packing Operations" Evaluations on Core Samples For Select Sands Corp., Submitted January 8, 2015

Prepared For:

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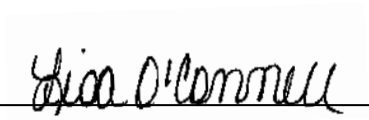

Lisa O'Connell, Laboratory Supervisor

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February 19, 2015

Rasool Mohammad
Select Sands Corp
Suite 310, 850 W. Hastings
Vancouver, BC, Canada V6C 1E1

Dear Mr. Mohammad:

STIM-LAB, Inc. has completed the ISO 13503-2:2006/API RP19C:2008 evaluations requested on the submitted sand sample labeled 35.93511 – 91.59766 Elevation 707 Hole # II ST 14-02 0' to 8', 8' to 16', 16' to 24' and 24' to 32'. The sample will be referred to as ST14-02 (0.0ft – 32.0ft), throughout the report. The sample was received at Stim-Lab Inc. on January 8, 2015.

Upon arrival, the sample was dried, weighed, and washed through a 200 mesh sieve. The sample retained on the sieve was then dried and reweighed. The percent loss was calculated from the material that washed through the sieve. The "Pre" and "Post" wash weights as well as the calculated loss for the sample are provided in Table 1.

The x-ray diffraction analysis results for the sample are provided in Table 2. The composite sieve analysis results, for the sample, are provided in Table 3. As instructed, the 40/70 and 70/140 size fractions of the sample were isolated for further analysis.

The sieve analysis results, for the 40/70 and 70/140, are provided in Table 4. The sphericity and roundness (Krumbein Shape Factor), acid solubility, turbidity, bulk density, apparent density and crush with K-Value results for the samples are provided in Tables 5 through 6. Pictures of the samples are provided following Table 5, for you to review. The procedures followed are as stated in ISO 13503-2:2006/API RP19C:2008.

Thank you for choosing STIM-LAB, Inc. to perform these analyses. We hope you will consider us for your future testing needs. If you have any questions regarding the testing or results, please do not hesitate to give me a call.

Sincerely,

Lisa O'Connell

Lisa O'Connell
Laboratory Supervisor
Conductivity Laboratory

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Table 1

Select Sands Corp
January 8, 2015

Loss From Washing

Sample ID	Dry Prewash Wt (g)	Dry Postwash Wt(g)	Grams Lost	% Loss
ST14-02 (0.0ft-32.0ft)	6211.00	6010.22	200.78	3.23

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Table 2

Select Sands Corp
January 8, 2015

XRD TABLE OF RESULTS

Sample Name	Quartz %	K-feldspar %	Calcite %	Total Clays %	Illite %
ST14-02 (0.0ft-32.0ft)	99	trace	trace	1	1

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Table 3

Sieve Analysis of Submitted Proppant Samples
Select Sands Corp

ISO 13503-2:2006/API RP19C:2008, Section 6, "Sieve Analysis"

Sample I.D.	**ST14-02 (0.0ft-32.0ft)**	
US Standard	Weight %	
Sieve No.	Retained	Cumulative
6	-	0.0
8	-	0.0
10	0.0	0.0
12	0.1	0.1
14	0.4	0.6
16	0.4	0.9
18	0.3	1.2
20	0.3	1.5
25	0.4	1.9
30	0.7	2.6
35	1.5	4.2
40	2.4	6.6
45	4.6	11.2
50	6.5	17.8
60	9.9	27.6
70	11.6	39.3
80	18.1	57.3
100	15.1	72.5
120	14.5	87.0
140	8.9	95.9
170	2.8	98.7
200	0.9	99.6
230	0.3	99.9
pan	0.1	100.0
total	100.0	
in-size	0.1	= as 6/12
in-size	0.9	= as 8/16
in-size	1.4	= as 12/20
in-size	1.7	= as 16/30
in-size	5.1	= as 20/40
in-size	15.1	= as 30/50
in-size	32.7	= as 40/70
in-size	56.6	= as 70/140
in-size	78.2	= as 50/140
ISO Mean Dia. (mm)	0.235	
Median Dia. (mm)	0.203	

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Table 4

Sieve Analysis of Submitted Proppant Samples
Select Sands Corp

ISO 13503-2:2006/API RP19C:2008, Section 6, "Sieve Analysis"

Sample I.D.	ST14-02 (0.0 ft- 32.0 ft) 40/70		ST14-02 (0.0 ft- 32.0 ft) 70/140	
US Standard Sieve No.	Weight %		Weight %	
	Retained	Cumulative	Retained	Cumulative
6	-	0.0	-	0.0
8	-	0.0	-	0.0
10	-	0.0	-	0.0
12	-	0.0	-	0.0
14	-	0.0	-	0.0
16	-	0.0	-	0.0
18	-	0.0	-	0.0
20	-	0.0	-	0.0
25	-	0.0	-	0.0
30	0.0	0.0	-	0.0
35	0.0	0.0	-	0.0
40	0.0	0.0	-	0.0
45	11.5	11.5	-	0.0
50	19.9	31.4	0.0	0.0
60	33.7	65.1	0.0	0.0
70	34.1	99.2	1.9	1.9
80	0.8	100.0	30.6	32.5
100	0.0	100.0	26.4	58.9
120	-	100.0	25.6	84.5
140	-	100.0	15.1	99.7
170	-	100.0	0.3	100.0
200	-	100.0	0.0	100.0
230	-	100.0	-	100.0
pan	0.0	100.0	0.0	100.0
total	100.0		100.0	
in-size	99.2	= as 40/70	97.8	= as 70/140
ISO Mean Dia. (mm)	0.283		0.161	
Median Dia. (mm)	0.277		0.157	

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Table 5

Sample ID: ST14-02 (0.0 ft- 32.0 ft) 40/70
Select Sands Corp
January 8, 2015

Measurement of Properties of Proppants Used In Hydraulic Fracturing and Gravel-Packing Operations

ISO 13503-2:2006/API RP19C:2008, Section 7, "Proppant Sphericity and Roundness"

* mean of a 20 count

Sphericity =	**0.8**
Roundness =	**0.8**
Clusters =	**None Observed in Field of Count**

Recommended Sphericity and Roundness for proppants = 0.6 or greater (ISO/DIS 13503-2/Amd.1:2009)

ISO 13503-2:2006/API RP19C:2008, Section 8, "Acid Solubility"

* mean of 3 analyses

Acid Sol. Percent =	**0.7%**

Recommended Maximum Acid Solubility for proppants 40/70 to 70/140 = 3.0% (ISO/DIS 13503-2/Amd.1:2009)

Tested as per ISO 13503-2:2006/API RP19C:2008, 100ml of 12:3 HCl:HF* with 5 grams of sand or proppant at 150ºF for 30 minutes, *Other acids may be specified, depending on desired application

ISO 13503-2:2006/API RP19C:2008, Section 9, "Turbidity Test"

Turbidity =	**11**	**NTU**

Method 1: Turbidity, suggested maximum proppant turbidity = equal or less than 250 NTU (ISO/DIS 13503-2/Amd.1:2009)

ISO 13503-2:2006/API RP19C:2008, Section 10, "Procedures for Determining Proppant Bulk Density, Apparent Density"

Bulk Density =	**1.47**	**g/cm^3**
Bulk Density =	**91.7**	**lb/ft^3**
Apparent Density = (Oil)	**2.63**	**g/cm^3**

ISO 13503-2:2006/API RP19C:2008, Section 11, "Proppant Crush-Resistance Test"

Stresses Tested (psi)	***% Fines -40+70 crush prep***
5000	**2.1%**
10000	**9.9%**
11000	**12.1%**
K-Value =	**10K**

The highest stress level which proppant generates no more than 10% crushed material, rounded down to the nearest 1000psi = K-Value

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Table 6

Sample ID: ST14-02 (0.0 ft- 32.0 ft) 70/140
Select Sands Corp
January 8, 2015

Measurement of Properties of Proppants Used In Hydraulic Fracturing and Gravel-Packing Operations

ISO 13503-2:2006/API RP19C:2008, Section 7, "Proppant Sphericity and Roundness"

* mean of a 21 count

Sphericity =	**0.7**
Roundness =	**0.7**
Clusters =	**None Observed in Field of Count**

Recommended Sphericity and Roundness for proppants = 0.6 or greater (ISO/DIS 13503-2/Amd.1:2009)

ISO 13503-2:2006/API RP19C:2008, Section 8, "Acid Solubility"

* mean of 3 analyses

Acid Sol. Percent =	**1.1%**

Recommended Maximum Acid Solubility for proppants 40/70 to 70/140 = 3.0% (ISO/DIS 13503-2/Amd.1:2009)

Tested as per ISO 13503-2:2006/API RP19C:2008, 100ml of 12:3 HCl:HF* with 5 grams of sand or proppant at 150ºF for 30 minutes, *Other acids may be specified, depending on desired application

ISO 13503-2:2006/API RP19C:2008, Section 9, "Turbidity Test"

Turbidity =	**13**	**NTU**

Method 1: Turbidity, suggested maximum proppant turbidity = equal or less than 250 NTU (ISO/DIS 13503-2/Amd.1:2009)

ISO 13503-2:2006/API RP19C:2008, Section 10, "Procedures for Determining Proppant Bulk Density, Apparent Density"

Bulk Density =	**1.37**	**g/cm^3**
Bulk Density =	**85.5**	**lb/ft^3**
Apparent Density = (Oil)	**2.64**	**g/cm^3**

ISO 13503-2:2006/API RP19C:2008, Section 11, "Proppant Crush-Resistance Test"

Stresses Tested (psi)	***% Fines -70+140 crush prep***
5000	**2.3%**
10000	**9.4%**
11000	**11.1%**
K-Value =	**10K**

The highest stress level which proppant generates no more than 10% crushed material, rounded down to the nearest 1000psi = K-Value

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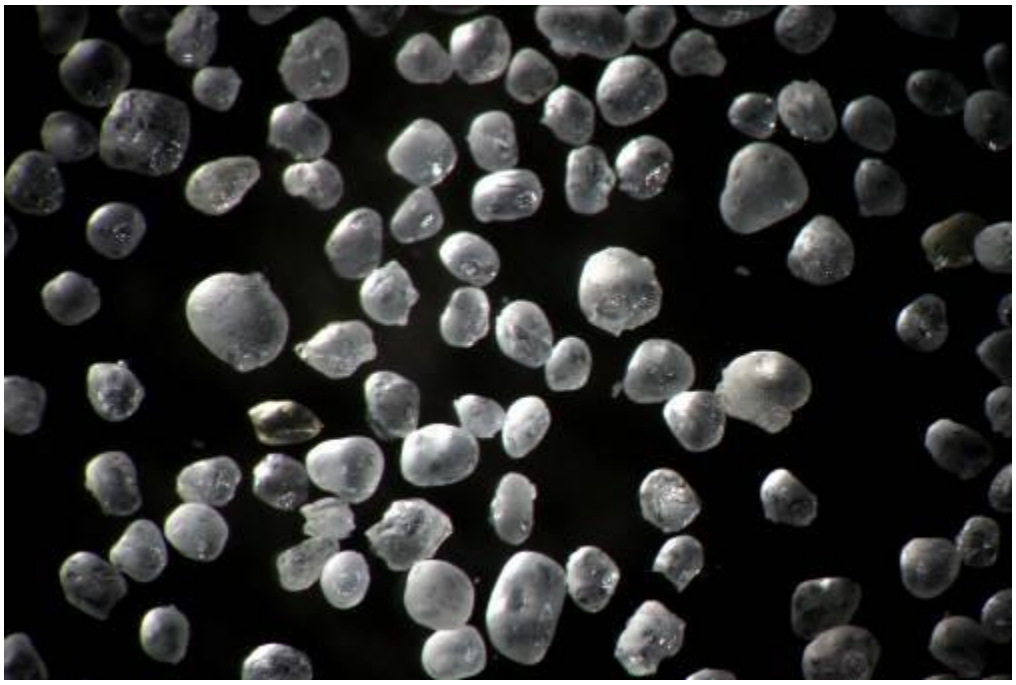
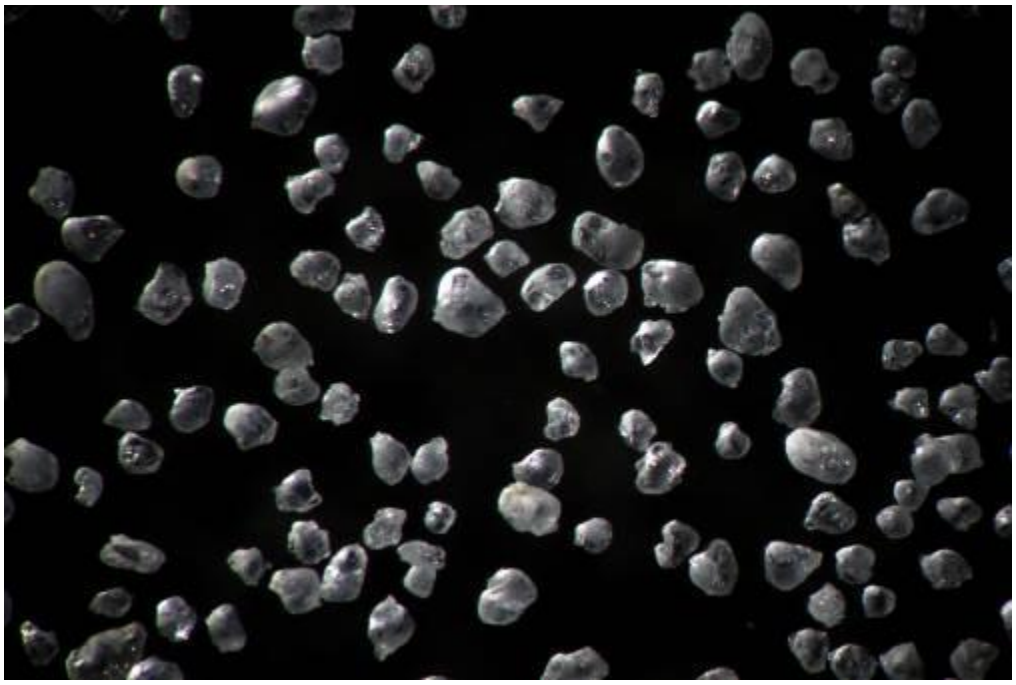
ST14-02 (0.0ft – 32.0ft) 40/70



ST14-02 (0.0ft – 32.0ft) 70/140



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