



D'Arcy Scallon, Simpew Resources LLP Construction Manager
6580 Dunn Lake Road
P.O. Box 1287
Barriere, BC, V0E 1E0

May 8, 2023

Re: Dunn Lake Road Resurfacing and Realignment Project 24130
Select Granular Sub base Aggregate Production Completion Report

Production of crushed 50mm Select Granular Sub base (SGSB) for Ministry of Transportation and Infrastructure (MoTI) Dunn Lake Road Resurfacing and Realignment Project No. 24130 has been completed at Simpew Resources LLP Louis Creek Pit. Material was produced from SRG Louis Creek Pit and stockpiled in the adjacent MoTI Agate Bay Road Pit No. 2866 (see Figure 1).

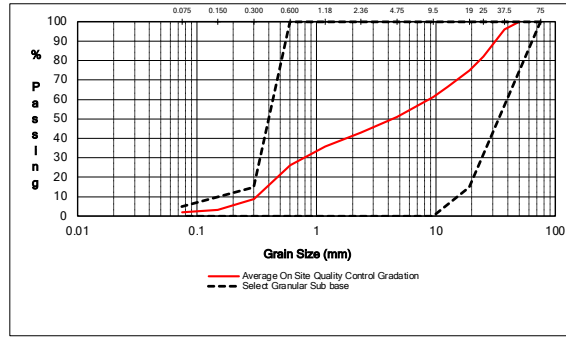
Specifications for the Select Granular Sub base produced was based on MoTI 2020 Standard Specifications for Highway Construction Section 202 Granular Surfacing, Base and Sub base. Aggregate production was completed by Barsi Enterprises Ltd. of Kamloops, BC. Production commenced on March 27 and was completed on April 3, 2023. Onsite Quality Control sampling and testing consisted of one washed sieve analysis (ASTM 136) every hour during aggregate production. All Quality Control samples were split, bagged, and labeled with sample number, time and date and were stored onsite for random selection during project Quality Assurance sampling. A total of forty two Quality Control sieve analysis were completed during aggregate production.

A Design Aggregate Gradation (DAG) was selected by the contractor at approximately 10% of aggregate production. The running average of 4 consecutive tests were monitored against the aggregate permissible limits for each specification sieve size throughout production. The intention of the DAG and permissible limits is to assist the production contractor in monitoring the end product to ensure it is consistently graded throughout production.

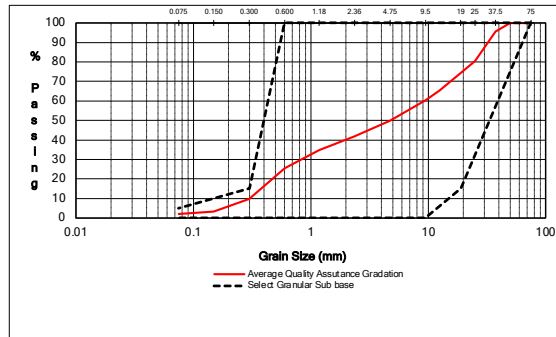
Quality Control monitoring and end product Quality Assurance sampling was completed by Main Street Aggregate Consulting of Kamloops, BC. Quality Assurance sampling consisted of randomly selecting split samples of stored contractor Quality Control samples as well as obtaining composite samples from the end product stockpile. Quality Assurance samples were delivered to the WSP Engineering laboratory in Kamloops for Washed Sieve Analysis testing. A total of five Quality Assurance samples were processed for the project.

Prior to aggregate production the stockpile base was levelled and surveyed by Twin Rivers Survey Inc. of Kamloops BC. Based on a comparison of the original ground and finished stockpile survey a total volume of 15,981m³ SGSB was produced and placed in stockpile. The surveys were completed with a Trimble R8 Base Station and Trimble R10 Rover.

Average Quality Control and Quality Assurance Graphs:



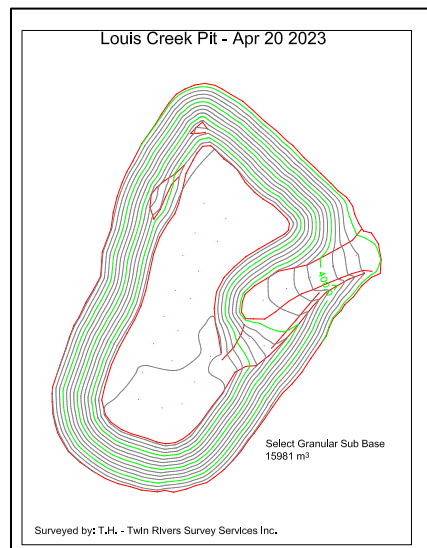
Average Quality Control Gradation Chart



Average Quality Assurance Gradation Chart

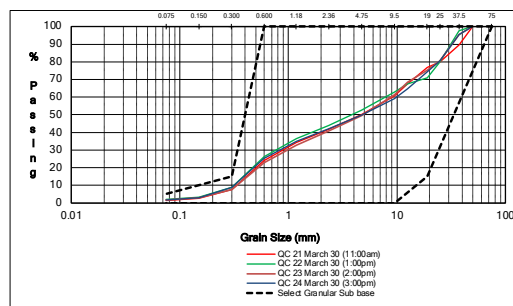
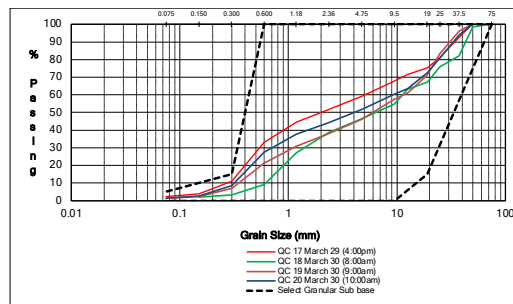
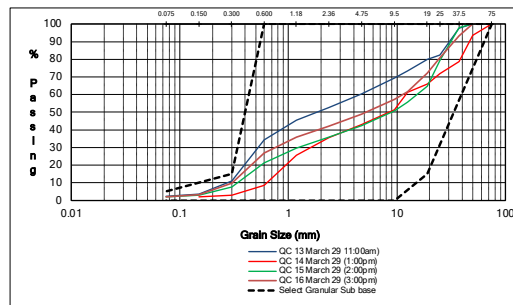
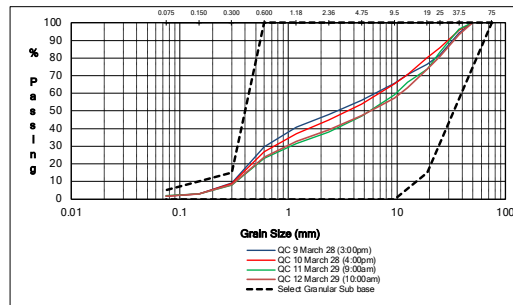
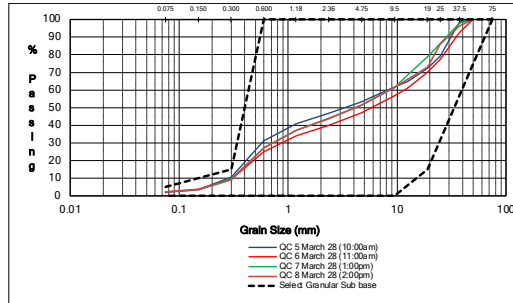
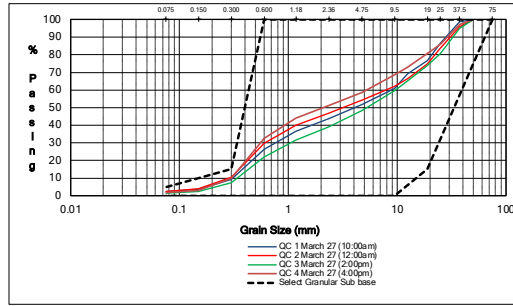


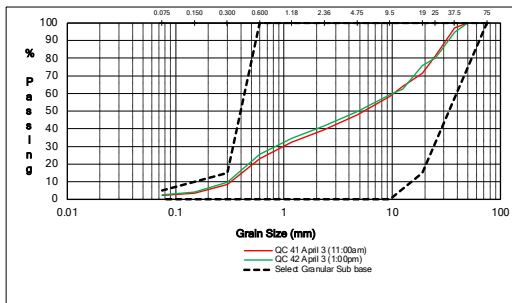
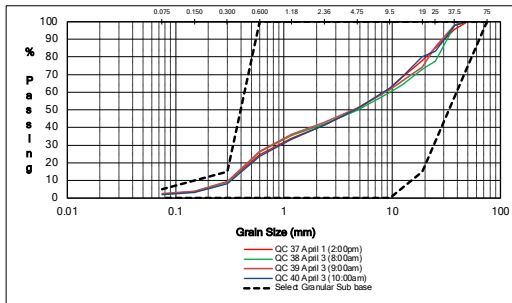
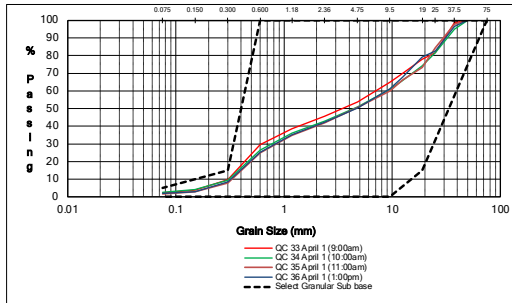
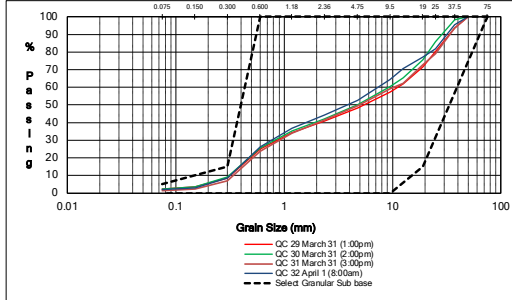
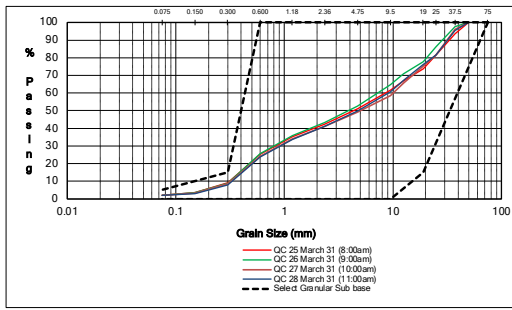
Figure 1-SGSB Stockpile Location



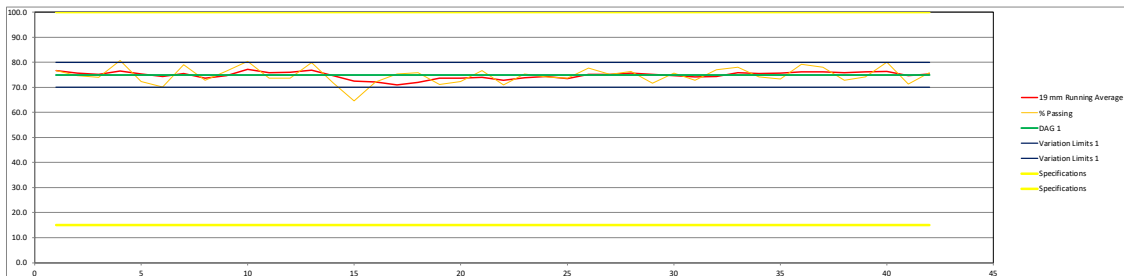
Twin Rivers Survey Inc. Stockpile Plan

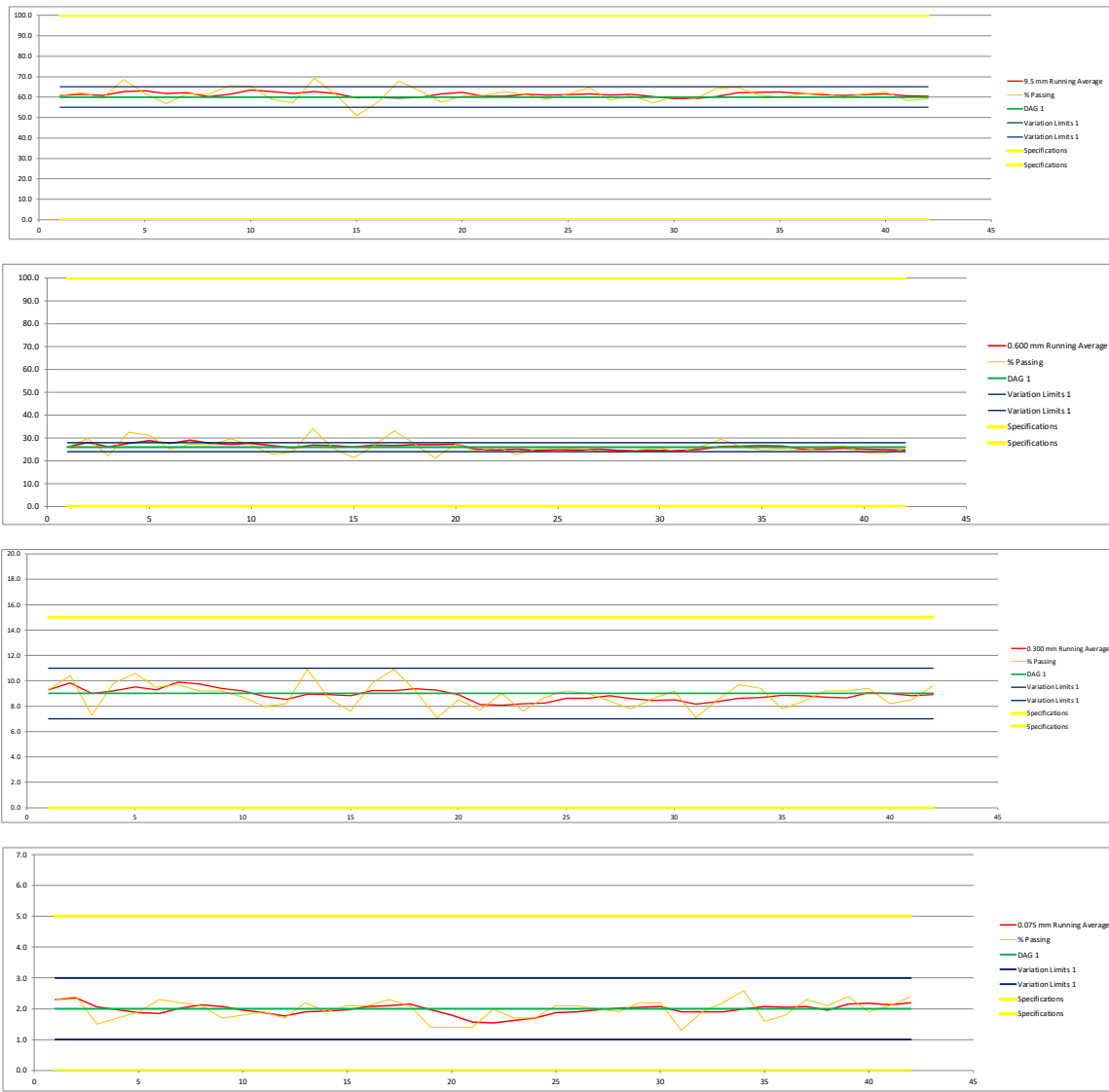
Barsi Enterprises Ltd. Quality Control Sieves:



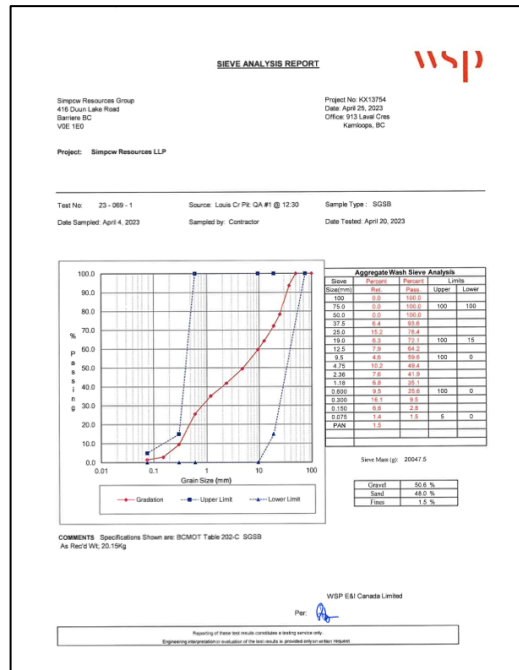


Design Aggregate Gradation Running Average Graphs:





WSP Engineering Quality Assurance Graphs:



SIEVE ANALYSIS REPORT

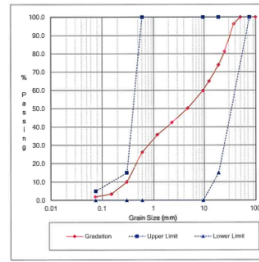


Simpson Resources Group
418 Duon Lake Road
Surrey BC
V0E 1E0

Project No: KK13754
Date: April 25, 2023
Office: 913 Laurel Cres
Kamloops, BC

Project: Simpson Resources LLP

Test No: 23-099-2 Source/Lot: Cr/Pe: GA #2 / GC #8 Sample Type: SG5B
Date Sampled: March 28, 2023 Sampled by: Contractor Date Tested: April 25, 2023



Sieve (mm)	Actual %	Upper Limit %	Lower Limit %
75.0	0.0	100.0	100.0
75.0	0.0	100.0	100.0
60.0	0.0	100.0	100.0
47.5	3.7	85.0	0
37.5	15.1	87.0	0
30.0	7.4	73.0	100.0
25.0	8.8	65.0	100.0
19.0	31.1	50.0	100.0
15.0	37.7	50.0	100.0
11.8	42.0	50.0	100.0
9.5	47.0	50.0	100.0
7.5	49.8	50.0	100.0
6.0	49.8	50.0	100.0
4.75	49.8	50.0	100.0
3.75	49.8	50.0	100.0
3.0	49.8	50.0	100.0
2.5	49.8	50.0	100.0
2.0	49.8	50.0	100.0
1.5	49.8	50.0	100.0
1.18	49.8	50.0	100.0
0.85	49.8	50.0	100.0
0.6	49.8	50.0	100.0
0.425	49.8	50.0	100.0
0.3	49.8	50.0	100.0
0.25	49.8	50.0	100.0
0.15	49.8	50.0	100.0
0.075	49.8	50.0	100.0
FIN	49.8	50.0	100.0

Sieve Mass (g): 11538.7

Control	49.8 %
Limit	49.8 %
Flow	2.0 %

COMMENTS: Specifications Shown are: BCMOT Table 202-C SG5B
As Rec'd Wt: 11.80kg

WSP E&I Canada Limited

Per: [Signature]

SIEVE ANALYSIS REPORT

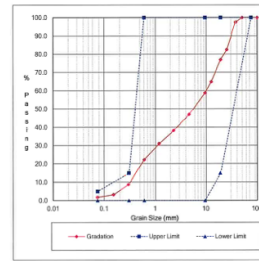


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418 Duon Lake Road
Surrey BC
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Project No: KK13754
Date: April 25, 2023
Office: 913 Laurel Cres
Kamloops, BC

Project: Simpson Resources LLP

Test No: 23-099-3 Source/Lot: Cr/Pe: GA #0 / GC #40 Sample Type: SG5B
Date Sampled: March 28, 2023 Sampled by: Contractor Date Tested: April 20, 2023



Sieve (mm)	Actual %	Upper Limit %	Lower Limit %
75.0	0.0	100.0	100.0
75.0	0.0	100.0	100.0
60.0	0.0	100.0	100.0
47.5	2.6	87.0	0
37.5	10.0	89.0	0
30.0	8.8	77.0	100.0
25.0	12.2	69.0	100.0
19.0	31.1	50.0	100.0
15.0	37.7	50.0	100.0
11.8	42.0	50.0	100.0
9.5	47.0	50.0	100.0
7.5	49.8	50.0	100.0
6.0	49.8	50.0	100.0
4.75	49.8	50.0	100.0
3.75	49.8	50.0	100.0
3.0	49.8	50.0	100.0
2.5	49.8	50.0	100.0
2.0	49.8	50.0	100.0
1.5	49.8	50.0	100.0
1.18	49.8	50.0	100.0
0.85	49.8	50.0	100.0
0.6	49.8	50.0	100.0
0.425	49.8	50.0	100.0
0.3	49.8	50.0	100.0
0.25	49.8	50.0	100.0
0.15	49.8	50.0	100.0
0.075	49.8	50.0	100.0
FIN	49.8	50.0	100.0

Sieve Mass (g): 11507.4

Control	51.0 %
Limit	51.0 %
Flow	1.8 %

COMMENTS: Specifications Shown are: BCMOT Table 202-C SG5B
As Rec'd Wt: 11.79kg

WSP E&I Canada Limited

Per: [Signature]

SIEVE ANALYSIS REPORT

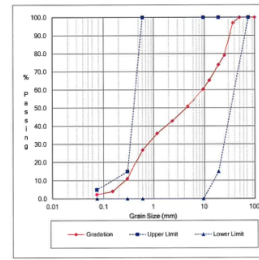


Simpson Resources Group
418 Duon Lake Road
Surrey BC
V0E 1E0

Project No: KK13754
Date: April 25, 2023
Office: 913 Laurel Cres
Kamloops, BC

Project: Simpson Resources LLP

Test No: 23-070-1 Source/Lot: Cr/Pe: GA #4 @ 1.00mm Sample Type: SG5B
Date Sampled: April 5, 2023 Sampled by: Contractor Date Tested: April 25, 2023



Sieve (mm)	Actual %	Upper Limit %	Lower Limit %
75.0	0.0	100.0	100.0
75.0	0.0	100.0	100.0
60.0	0.0	100.0	100.0
47.5	3.9	87.0	0
37.5	17.8	79.0	0
30.0	3.3	73.0	100.0
25.0	6.0	65.0	100.0
19.0	31.1	50.0	100.0
15.0	37.7	50.0	100.0
11.8	42.0	50.0	100.0
9.5	47.0	50.0	100.0
7.5	49.8	50.0	100.0
6.0	49.8	50.0	100.0
4.75	49.8	50.0	100.0
3.75	49.8	50.0	100.0
3.0	49.8	50.0	100.0
2.5	49.8	50.0	100.0
2.0	49.8	50.0	100.0
1.5	49.8	50.0	100.0
1.18	49.8	50.0	100.0
0.85	49.8	50.0	100.0
0.6	49.8	50.0	100.0
0.425	49.8	50.0	100.0
0.3	49.8	50.0	100.0
0.25	49.8	50.0	100.0
0.15	49.8	50.0	100.0
0.075	49.8	50.0	100.0
FIN	49.8	50.0	100.0

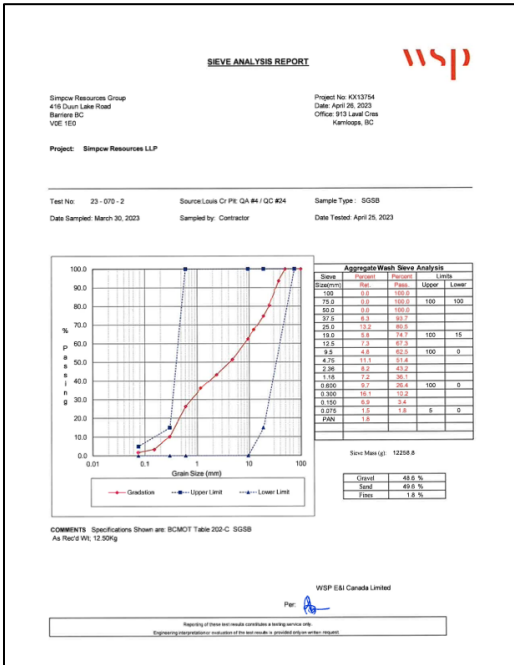
Sieve Mass (g): 19874.3

Control	49.3 %
Limit	48.4 %
Flow	2.4 %

COMMENTS: Specifications Shown are: BCMOT Table 202-C SG5B
As Rec'd Wt: 15.79kg

WSP E&I Canada Limited

Per: [Signature]



Please feel free to call or email if you have any questions regarding the SRG Louis Creek Pit SGSB aggregate production program or the Quality Control/Quality Assurance test results.

Sincerely,

Bryan James, Project Manager
Main Street Aggregate Consulting
Phone: 250-574-0285
Email: main_street_aggregates@shaw.ca