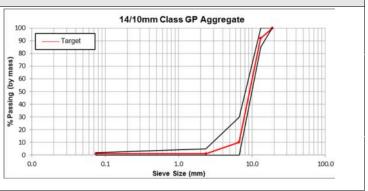


McKenzie Creek Quarry 14/10mm Class GP Aggregate

PRODUCT CODE: 0805 **SOURCE ROCK TYPE:** Quartzite

CUSTOMER: Standard Product

| Product Grading AS1141.11 (washed) | | | | | | |
|------------------------------------|-------------------------------------|-----------------------|----------------------------------|--|--|--|
| Sieve Size AS (mm) | Limits of Grading (% Passing) | Limits of Deviation % | Target Grading (% Passing) | | | |
| 19.0 | 100 | - | 100 | | | |
| 13.2 | 85 – 100 | ±10 | 92 | | | |
| 6.70 | 0 – 30 | ±15 | 10 | | | |
| 2.36 | 0 – 5 | - | 1 | | | |
| 0.075 | 0 – 2 | - | 1 | | | |



| Tests Carried Out For Product Quality Control Purposes Sampling Method: AS1141.3.1 | | | | |
|--|-------------------------|---------------|--------------------------------------|----------------|
| Test | Method | Frequency | Requirements | Reference |
| Unit Mass Density | AS1141.4 | 1 per 3 Years | N/A – For reference purposes only | N/A |
| Particle Density (Coarse Agg) | AS1141.6 | 1 per 3 Years | 2.1t/m³, <3.2t/m³ | AS2758.1.7.1 |
| Particle Shape by Proportional Calliper | AS1141.14 | 1 per year | 10% using 3:1 ratio | AS2758.1.8.3 |
| Flakiness Index (FI) | AS1141.15 | 1 per 9,600t | 35% | AS2758.1.8.3 |
| Unsound stone count by visual assessment | AS1141.30 / RC372.01 | 1 per 4,800t | Unsound 5% Marginal + Unsound 10% | AS2758.1.9.3.4 |
| Particle size distribution (Grading) | AS1141.11 (washed) | 1 per 2,400t | See table above | AS2758.1.8.1.2 |

| Relevant Tests Carried Out On Source Rock | | | | | |
|---|-------------------------|----------------|--|----------------|--|
| Test | Method | Frequency | Requirements | Reference | |
| Los Angeles (LA) Value | AS1141.23 | VicRoads Issue | 30 | AS2758.1.9.3.3 | |
| Alkali-Silica Reactivity (ASR) Value | RC376.03 | VicRoads Issue | 0.1% | VicRoads 610 | |
| Preparation of Reference Specimens | AS1141.30 Appendix A | VicRoads Issue | See below for sound and marginal classifications | VicRoads 801 | |
| Degradation Factor – Source Rock | AS1141.25.1 | VicRoads Issue | Sound 40% Marginal 20-39% | VicRoads 801 | |
| Soundness by exposure to Sodium Sulphate | AS1141.24 | VicRoads Issue | weighted average loss 6% | AS2758.1.9.3.3 | |

Date issued: TBC Issue number: 3 Authorised by: David Kerr Date printed: 24 May 2019 Previous issue date: 25 Aug 2016

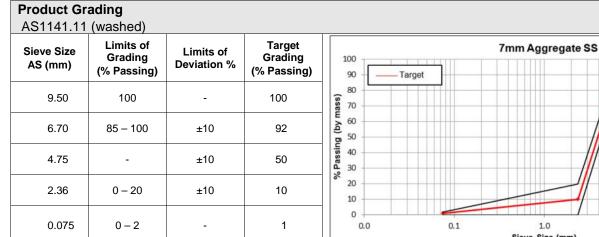
Date of first issue: Max review interval: Manual index location: 4 Dec 2006 5 years 19.i Form: 2005.08

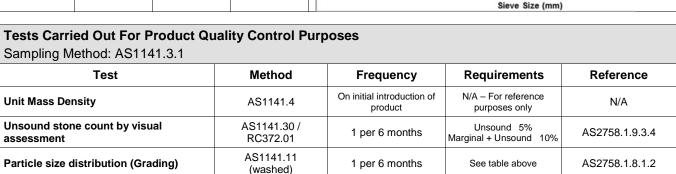


McKenzie Creek Quarry 7mm Class SS Aggregate

PRODUCT CODE: 0815 **SOURCE ROCK TYPE: Ouartzite**

CUSTOMER: Standard Product





| Relevant Tests Carried Out On Source Rock | | | | |
|---|-------------------------|----------------|--|----------------|
| Test | Method | Frequency | Requirements | Reference |
| Los Angeles (LA) Value | AS1141.23 | VicRoads Issue | 30 | AS2758.1.9.3.3 |
| Alkali-Silica Reactivity (ASR) Value | RC376.03 | VicRoads Issue | 0.1% | VicRoads 610 |
| Preparation of Reference Specimens | AS1141.30 Appendix A | VicRoads Issue | See below for sound and marginal classifications | VicRoads 801 |
| Degradation Factor – Source Rock | AS1141.25.1 | VicRoads Issue | Sound 40% Marginal 20-39% | VicRoads 801 |
| Soundness by exposure to Sodium Sulphate | AS1141.24 | VicRoads Issue | weighted average loss 6% | AS2758.1.9.3.3 |

Date issued: TBC Issue number: 3 Authorised by: David Kerr Date printed: 24 May 2019 Previous issue date: 25 Aug 2016

Date of first issue: Max review interval: Manual index location:

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10.0

4 Dec 2006 5 years 19.i Form: 2015.08



0.075

Conundrum Holdings Pty Ltd Product Specification

McKenzie Creek Quarry 40mm Class 3 Crushed Rock

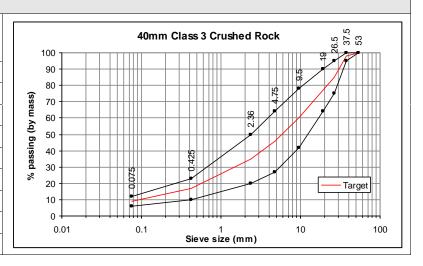
PRODUCT CODE: 0819 **SOURCE ROCK TYPE:** Quartzite

CUSTOMER: Standard Product

9

Product Grading AS1141.11 (washed) Limits of Target Sieve Size Grading Grading AS (mm) (% Passing) (% Passing) 53.0 100 37.5 95 - 10098 75 – 95 26.5 85 19.0 64 – 90 77 9.50 42 - 7860 4.75 27 - 6446 2.36 20 - 5035 0.425 17 10 - 23

6 - 12



| Test | Method | Frequency | Requirements | Reference |
|---|-----------------------------------|------------------------------------|--|--------------|
| Unit Mass Density | AS1141.4 | On initial introduction of product | N/A - For reference purposes only | N/A |
| Maximum Dry Density / Optimum Moisture Content | AS1289.5.2 | As per customer requirements | N/A - For reference purposes only | N/A |
| Plastic Index (PI) | AS1289.3.3.1 | As per customer requirements | 0-10 | VicRoads 812 |
| Liquid Limit (as part of PI test) | AS1289.3.3.1 | As per customer requirements | 35% | VicRoads 812 |
| Unsound stone count by visual assessment | AS1141.30 / RC372.01 | As per customer requirements | Unsound 10% Marginal + Unsound 20% | VicRoads 812 |
| Moisture Content (MC) – Dry Product | AS1289.2.1.6 (Hotplate method) | As per customer requirements | 5% | VicRoads 812 |
| MC – Wet Mixed (WM) or Cement Treated (CT) Product | AS1289.2.1.6 (Hotplate method) | As per customer requirements | -1.0% to +0.5% of MC nominated by customer | VicRoads 812 |
| Particle size distribution (Grading) | AS1141.11 (washed) | As per customer requirements | See table and graph above | VicRoads 812 |

| Relevant Tests Carried Out On Source Rock | | | | |
|---|-------------------------|----------------|--|--------------|
| Test | Method | Frequency | Requirements | Reference |
| Los Angeles (LA) Value | AS1141.23 | VicRoads Issue | 35 | VicRoads 801 |
| Preparation of Reference Specimens | AS1141.30 Appendix A | VicRoads Issue | See below for sound and marginal classifications | VicRoads 801 |
| Accelerated Soundness by Reflux | AS1141.29 | VicRoads Issue | Sound 94% Marginal 90-93% | VicRoads 801 |
| Secondary Mineral Content | AS1141.26 | VicRoads Issue | Sound 25% Marginal 26-30% | VicRoads 801 |

Date issued: TBC Issue number: 2 Authorised by: David Kerr Date printed: 24 May 2019 Previous issue date: 4 Dec 2006

Date of first issue: Max review interval: Manual index location: 4 Dec 2006 5 years 19.i Form: 2019.08



2.36

0.425

0.075

Conundrum Holdings Pty Ltd Product Specification

McKenzie Creek Quarry 20mm Class 3 Crushed Rock

PRODUCT CODE: 0821 **SOURCE ROCK TYPE:** Quartzite

CUSTOMER: Standard Product

44

21

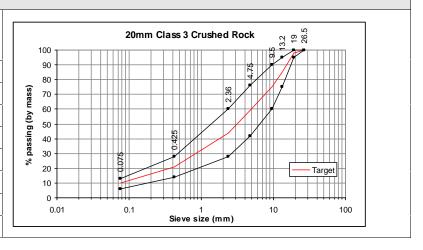
10

Product Grading AS1141.11 (washed) Limits of Target Sieve Size Grading Grading AS (mm) (% Passing) (% Passing) 26.5 100 100 19.0 95 - 10098 13.2 75 - 9585 9.50 60 - 9075 4.75 59 42 - 76

28 - 60

14 - 28

6 - 13



| Tests Carried Out For Product Quality Control Purposes Sampling Method: AS1141.3.1 | | | | |
|--|-----------------------------------|------------------------------|---------------------------------------|--------------|
| Test | Method | Frequency | Requirements | Reference |
| Unit Mass Density | AS1141.4 | 1 per 3 Years | N/A - For reference purposes only | N/A |
| Maximum Dry Density / Optimum Moisture Content | AS1289.5.2 | 1 per Year | N/A - For reference purposes only | N/A |
| Plastic Index (PI) | AS1289.3.3.1 | 1 per 5,000t | 0-10 | VicRoads 812 |
| Liquid Limit (as part of PI test) | AS1289.3.3.1 | 1 per 5,000t | 35% | VicRoads 812 |
| Permeability (Perm) | AS1289.6.7.1 | As per customer requirements | 5 x 10 ⁻⁸ m/sec | VicRoads 812 |
| Unsound stone count by visual assessment | AS1141.30 / RC372.01 | 1 per 500t | Unsound 10% Marginal + Unsound 20% | VicRoads 812 |
| Moisture Content (MC) – Dry Product | AS1289.2.1.6 (Hotplate method) | 1 per 500t | 5% | VicRoads 812 |
| Particle size distribution (Grading) | AS1141.11 (washed) | 1 per 500t | See table and graph above | VicRoads 812 |

| Relevant Tests Carried Out On Source Rock | | | | | |
|---|-------------------------|----------------|--|--------------|--|
| Test | Method | Frequency | Requirements | Reference | |
| Los Angeles (LA) Value | AS1141.23 | VicRoads Issue | 35 | VicRoads 801 | |
| Preparation of Reference Specimens | AS1141.30 Appendix A | VicRoads Issue | See below for sound and marginal classifications | VicRoads 801 | |
| Degradation Factor – Source Rock | AS1141.25.1 | VicRoads Issue | 40% = Sound 20-39% = Marginal | VicRoads 801 | |

Date issued: TBC Issue number: 2 Authorised by: David Kerr Date printed: 24 May 2019 Previous issue date: 4 Dec 2006

Date of first issue: 4 Dec 2006 Max review interval: 5 years Manual index location: 19.i Form: 2021.08

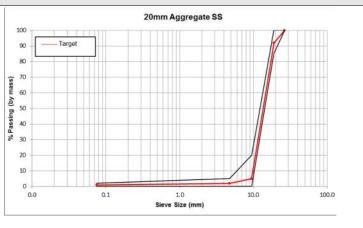


McKenzie Creek Quarry 20mm Class SS Aggregate

PRODUCT CODE: 0845 **SOURCE ROCK TYPE:** Quartzite

CUSTOMER: Standard Product

| Product Grading AS1141.11 (washed) | | | | | | |
|------------------------------------|-------------------------------------|-----------------------|----------------------------------|--|--|--|
| Sieve Size AS (mm) | Limits of Grading (% Passing) | Limits of Deviation % | Target Grading (% Passing) | | | |
| 26.5 | 100 | - | 100 | | | |
| 19.0 | 85 – 100 | ±10 | 92 | | | |
| 9.50 | 0 – 20 | ±10 | 5 | | | |
| 4.75 | 0 – 5 | - | 2 | | | |
| 0.075 | 0 – 2 | - | 1 | | | |



| Tests Carried Out For Product Quality Control Purposes Sampling Method: AS1141.3.1 | | | | |
|--|-------------------------|---------------|--------------------------------------|----------------|
| Test | Method | Frequency | Requirements | Reference |
| Unit Mass Density | AS1141.4 | 1 per 3 Years | N/A – For reference purposes only | N/A |
| Particle Density (Coarse Agg) | AS1141.6 | 1 per 3 Years | 2.1t/m³, <3.2t/m³ | AS2758.1.7.1 |
| Particle Shape by Proportional Calliper | AS1141.14 | 1 per year | 10% using 3:1 ratio | AS2758.1.8.3 |
| Flakiness Index (FI) | AS1141.15 | 1 per 9,600t | 35% | AS2758.1.8.3 |
| Unsound stone count by visual assessment | AS1141.30 / RC372.01 | 1 per 4,800t | Unsound 5% Marginal + Unsound 10% | AS2758.1.9.3.4 |
| Particle size distribution (Grading) | AS1141.11 (washed) | 1 per 2,400t | See table above | AS2758.1.8.1.2 |

| Relevant Tests Carried Out On Source Rock | | | | |
|---|-------------------------|----------------|--|----------------|
| Test | Method | Frequency | Requirements | Reference |
| Los Angeles (LA) Value | AS1141.23 | VicRoads Issue | 30 | AS2758.1.9.3.3 |
| Alkali-Silica Reactivity (ASR) Value | RC376.03 | VicRoads Issue | 0.1% | VicRoads 610 |
| Preparation of Reference Specimens | AS1141.30 Appendix A | VicRoads Issue | See below for sound and marginal classifications | VicRoads 801 |
| Degradation Factor – Source Rock | AS1141.25.1 | VicRoads Issue | Sound 40% Marginal 20-39% | VicRoads 801 |
| Soundness by exposure to Sodium Sulphate | AS1141.24 | VicRoads Issue | weighted average loss 6% | AS2758.1.9.3.3 |

Date issued: TBC Issue number: 3 Authorised by: David Kerr Date printed: 24 May 2019 Previous issue date: 25 Aug 2016

Date of first issue: 4 Dec 2006 Max review interval: 5 years Manual index location: 19.i Form: 2045.08

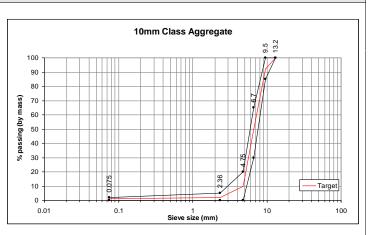


McKenzie Creek Quarry 10mm Class SS Aggregate

PRODUCT CODE: 0855 **SOURCE ROCK TYPE:** Quartzite

CUSTOMER: Standard Product

| Product Grading AS1141.11 (washed) | | | | | | |
|------------------------------------|-------------------------------------|-----------------------|----------------------------------|--|--|--|
| Sieve Size AS (mm) | Limits of Grading (% Passing) | Limits of Deviation % | Target Grading (% Passing) | | | |
| 13.2 | 100 | - | 100 | | | |
| 9.50 | 85 – 100 | ±10 | 92 | | | |
| 6.70 | - | ±10 | 50 | | | |
| 4.75 | 0 – 20 | ±10 | 10 | | | |
| 2.36 | 0 – 5 | - | 2 | | | |
| 0.075 | 0 – 2 | - | 1 | | | |



| Tests Carried Out For Product Quality Control Purposes Sampling Method: AS1141.3.1 | | | | | |
|--|-------------------------|------------------------------------|--------------------------------------|----------------|--|
| Test | Method | Frequency | Requirements | Reference | |
| Unit Mass Density | AS1141.4 | On initial introduction of product | N/A – For reference purposes only | N/A | |
| Particle Shape by Proportional Calliper | AS1141.14 | 1 per year | 10% using 3:1 ratio | AS2758.1.8.3 | |
| Flakiness Index (FI) | AS1141.15 | 1 per year | 35% | AS2758.1.8.3 | |
| Unsound stone count by visual assessment | AS1141.30 / RC372.01 | 1 per 6 months | Unsound 5% Marginal + Unsound 10% | AS2758.1.9.3.4 | |
| Particle size distribution (Grading) | AS1141.11 (washed) | 1 per 6 months | See table above | AS2758.1.8.1.2 | |

| Relevant Tests Carried Out On Source Rock | | | | | | |
|---|-------------------------|----------------|--|----------------|--|--|
| Test | Method | Frequency | Requirements | Reference | | |
| Los Angeles (LA) Value | AS1141.23 | VicRoads Issue | 30 | AS2758.1.9.3.3 | | |
| Alkali-Silica Reactivity (ASR) Value | RC376.03 | VicRoads Issue | 0.1% | VicRoads 610 | | |
| Preparation of Reference Specimens | AS1141.30 Appendix A | VicRoads Issue | See below for sound and marginal classifications | VicRoads 801 | | |
| Degradation Factor – Source Rock | AS1141.25.1 | VicRoads Issue | Sound 40% Marginal 20-39% | VicRoads 801 | | |
| Soundness by exposure to Sodium Sulphate | AS1141.24 | VicRoads Issue | weighted average loss 6% | AS2758.1.9.3.3 | | |

Date issued: TBC Issue number: 4 Authorised by: David Kerr Date printed: 24 May 2019 Previous issue date: 25 Aug 2016

Date of first issue: 4 Dec 2006 Max review interval: 5 years Manual index location: 19.i Form: 2055.08