

## QUARRY AGGREGATE DATA SHEET

### Basic Information

<b>Quarry Location</b>	Drury, South Auckland
<b>Type of Rock</b>	Greywacke
<b>Type of Aggregate</b>	<b>GAP 20</b>
<b>Type of Processing</b>	Scalping with One Stage Crushing and Screening



Quality  
ISO 9001



### Technical Information

	Property	Standard	Test Method	Typical Value
<b>Source</b>	Crushing Resistance	NZS 3111 : 1986	Test 14	10% fines @ 220kN
	Solid Density	NZS 4407 : 2015	Test 3.7.1	2.70t/m <sup>3</sup>
	Weathering Quality Index	NZS 4407 : 2015	Test 3.11	>BA
<b>Production</b>	Grading	NZS 4407 : 2015	Tests 3.8.1	See overleaf
	Plasticity Index	NZS 4407 : 2015	Tests 3.2, 3.3 & 3.4	Non Plastic to 12
	Sand Equivalent	NZS 4407 : 2015	Test 3.6	>30
	Clay Index	NZS 4407 : 2015	Test 3.5	<3.0
<b>Other</b>	CBR (soaked)	NZS 4407 : 2015	Test 3.15	>100
	MDD – NZ Vib Hammer	NZS 4402 : 1986	Test 4.1.3	2.26 t/m <sup>3</sup> @ 6% OWC
	MDD – Hvy Compaction		Test 4.1.2	2.20 t/m <sup>3</sup> @ 10% OWC
	MDD – Std Compaction		Test 4.1.1	2.10 t/m <sup>3</sup> @ 12% OWC
	Loose Unit Weight <sup>i</sup>	ASTM C29/29M-97	Shovelling procedure	M <sub>Dry</sub> ≅ 1552 kg/m <sup>3</sup> M <sub>SSD</sub> ≅ 1581 kg/m <sup>3</sup>

### Standard Applications

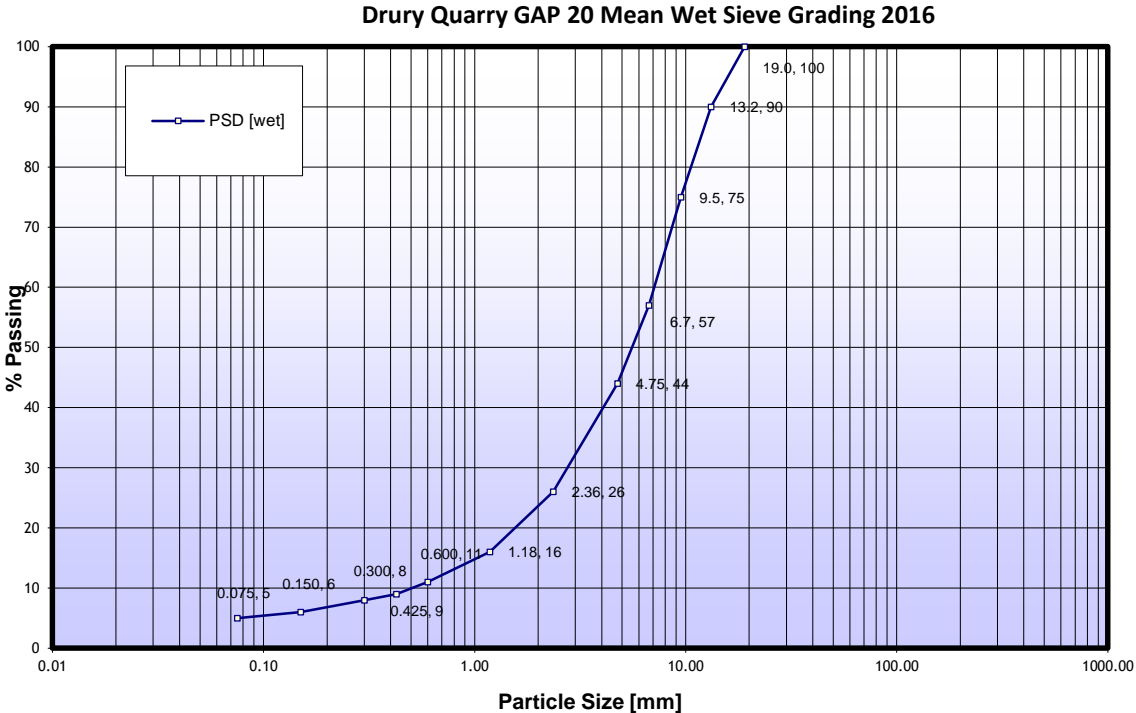
<b>Roading</b>	Surface Blinding, Hard-fill, Free Draining Fill
<b>Farming &amp; Industry</b>	Permanent & Temporary Roads and Platform Surfaces.
<b>Civil Construction</b>	Trench Bedding and Backfill, Paving Basecourse.

## Chemical Treatment

GAP 20 responds well to lime and cement modification.

## General Description

GAP 20 is a well-graded fine product generated from the screening and crushing of high strength premium rock during the processing of high quality concrete and asphalt aggregates.



## Disclaimer

The information in this leaflet is informal and it can be altered without notice. Due to the inherent variability of the parent rock, this aggregate must be subjected on each particular occasion to necessary testing and verification of the above outlined properties.

<sup>i</sup> The relationship between degrees of compaction/density for aggregates loose in a truck or stockpile compared to that achieved in this test is unknown. Moreover, surface water content in aggregates varies pending the season and it is not accounted for in this test.