

**Laboratory Reference: CAN14W0834**

## ***ADHESION AGENT TEST REPORT***

**ATTENTION:**
**Ray Georgey**

**CLIENT:** Otech Australia  
**CLIENT REFERENCE:** **0.7pph Otech AGGBIND-75 with J. Swap Taotaoroa Road Quarry**  
**ADHESION AGENT:** Otech AGGBIND-75 liquid adhesion agent  
**ADHESION AGENT SOURCE:** Supplied by Fulton Hogan Bitumen Plant in June 2013  
**AGGREGATE SOURCE:** J Swap Quarry - Taotaoroa Road, Karapiro, Waikato  
**BITUMEN SOURCE:** 180/200 Penetration Grade Bitumen  
 Sampled from Tauranga Bitumen Plant on 24/02/2014  
**TEST METHOD USED:** WCS, CLBAA Test Method B301-89T  
**TESTED BY:** Kim Pratt on 12/03/2014

**RESULTS:**

<b>AGGREGATE SOURCE</b>	<b>AGENT QUANTITY (PPH BY VOLUME)</b>	<b>TEST RESULT</b>	<b>TEST CRITERION</b>
J Swap Quarry Taotaoroa Road, Karapiro, Waikato	<b>0.7</b>	<b>85</b>	0.80
		Spec : 80 min	Spec : 2 max

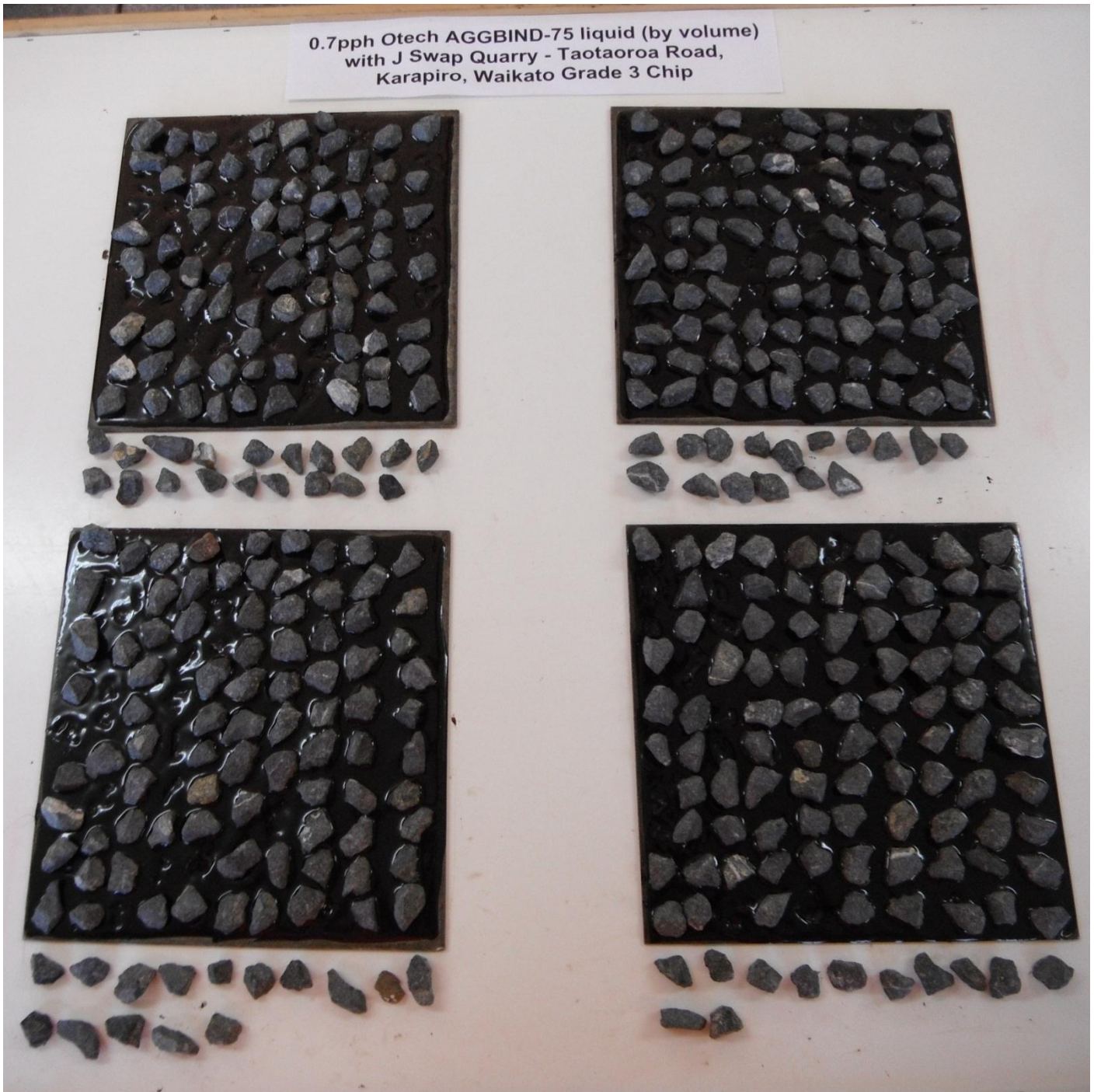
Test performed using: Grade 3 chip of greywacke origin  
 Chip sieved between 13.2 & 9.5mm sieves and washed in deionised water  
**180/200 Penetration Grade Bitumen (CAN14B-0161)**  
 Adhesion agent set up time was 2.5 hours  
 Test temperature of 25°C

Report Issued By: Logan Burford on 12/03/2014

Report Checked By: \_\_\_\_\_



Continuation of Laboratory Reference: CAN14W0834



**Figure 1.** Photograph showing test plates with 180/200 bitumen and 0.7pph Otech AGGBIND-75 (by volume) after test was performed. J Swap Quarry - Taotaoroa Road, Karapiro, Waikato Grade 3 chip dislodged is arranged below the plates.