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<ul> <li>Experimental Parameters</li> <li>Filter mesh: 6mm</li> <li>Sludge simulant: 80% sand/10% peat/10% absorbent granules</li> <li>Filter rotational speed: 5 rpm</li> <li>Wash water flowrate:13.33 l/min</li> <li>Volume of simulant in box prior to trial = 25300 cm3</li> <li>Post trial measurements</li> <li>Total duration of trial = 5 minutes 8 seconds</li> <li>Time processing solids = 3 minutes 44 seconds</li> <li>Volume of simulant in box after trial = 8000 cm3</li> <li>Volume of simulant processed through filter = 17300 cm3</li> <li>Solids processing rate = 0.27 m3/hr</li> <li>'Pond liquor' processing rate = 2.6 m3/hr (approx – varies during trial as shown in graph)</li> <li>Indicative solids fraction in 'pond liquor' processed = 10% (volume basis)</li> </ul>
Andrew White, 24 March 2010 10 ASMEDIEMARY & SMEDIEMARY OF SALATIANCHE PROSESSION



