



NAGAMBIE MINING LIMITED

The Heap Leach Dump

- Nagambie Mining Limited owns the Nagambie Mine (MIN 5412) located at 648 Ballantynes Road, Nagambie 3608 and is 7 kms to the east of the township of Nagambie in Central Victoria and approximately 120 km north of Melbourne via the Hume and Goulburn Valley Highways.
- No quarrying is required and the dump contains the following estimated amounts of easily loaded and/or treatable onsite material:

Total Volume	3.7 million m ³
Crushed Rock (14mm top size)	3.8 million tonnes
Uncrushed	1.5 million tonnes

- The company considers that the crushed material whose properties are summarised from a 2009 sampling program overleaf will meet the required specifications for Type A engineering fill, Type B fill and select backfill and also be suitable for concrete and asphalt use. The uncrushed material could possibly be treated to produce a Class 4 or maybe even Class 3 material. It has been used in the construction of the Goulburn Valley Highway.
- The crushed heap leach rock has been classified by EPA as a notifiable chemical due to its arsenic content but approval has been given for its use if suitably capped or in concrete or asphalt mix. It should be noted that the original country rock at Nagambie has elevated arsenic values and the cyanide residuals in the heap leach are 1/50th, or less of the EPA requirement for cyanide allowable in clean fill.
- Nagambie believes it can provide this material at competitive prices within a 50 km radius of the mine and invites any enquiries from interested parties.

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SPECIFICATIONS

2009 TESTING

Average

CBR %	35.5
SWELL %	0.02
PERMEABILITY	13×10^{-8}
LINEAR SHRINKAGE	4
CRUSHED FACES %	94
LIQUID LIMIT %	23
PLASTICITY INDEX	5
%<0.425 X PI (MAX)	124.25
BULK DENSITY	1.45
OPTIMUM MOISTURE	7.0
LOS ANGELES VALUE	27
INITIAL pH	8.8
As LEACHABILITY (mg/l)	0.5
RESISTIVITY ohm.cm	10,740
AS SIEVE (mm)	
% PASSING	
19.0	100
13.2	95.5
9.5	83.5
6.7	71
4.75	60.7
2.36	46.2
1.18	36.7
0.600	30.7
0.425	28.7
0.300	26.7
0.150	23.8
0.075	20.5



Heap Leach South Face from Loading Area



Washed Heap Leach Material