

CYANIDATION TESTSDate of test: Mar. 25/87Sample: T.R.P. Feed Material : No. 43432-43436Sample Code#: TRP-3

Initial				Final
Size = <u>200 g</u>	Reagents	Prior to Roll	After <u>24</u> Hrs.	After <u>33.5</u> Hrs.
pH = <u>9.58</u>	NaCN = <u>0.15 g</u>	pH = <u>10.12</u>	pH = <u>11.0</u>	pH = <u>10.22</u>
%-200 = _____	CaO = _____ g	CN ⁻ = <u>1.0</u> #/t	CN ⁻ = <u>15</u> #/t	CN ⁻ = <u>.82</u> #/t
H ₂ O = <u>400 ml</u>	Others = _____	Tit = <u>10</u> ml	Tit = <u>60</u> ml	Tit = _____ ml
Other = _____	5 mL CaO to pH 11.20	Other = _____ add 0.5 mL NaCN - add 30 mL CaO pH 11.39	Other = _____	Other = _____

Sample Calculations

	Units	Assay	Distribution	Recovery
Feed				
Preg	<u>348 mL</u>	<u>0.569 mg/L</u>	<u>0.198 mg</u>	<u>34.20 %</u>
Wash	<u>395 mL</u>	<u>0.045 mg/L</u>	<u>0.018 mg</u>	<u>3.11 %</u>
Total	<u>743 mL</u>	<u>0.290 mg/L</u>	<u>0.216 mg</u>	<u>37.31 %</u>
Residue	<u>200 g</u>	<u>1.815 g/t</u>	<u>0.363 mg</u>	<u>62.69 %</u>
Calc Head	<u>200 g</u>	<u>2.90 g/t</u>	<u>0.579 mg</u>	<u>100.00 %</u>

Note: $P_{reg}(ml) = Preg + Tit.$ Sample Test Outlines

CYANIDATION TESTSDate of test: Mon. 25/87Sample: T.R.P. Feed Material : No. 43432 - 43436Sample Code#: TRP-3A

Initial				Final
Size = <u>200 g</u>	Reagents	Prior to Roll ^{17.5h}	After <u>24</u> Hrs.	After <u>33.5</u> Hrs.
pH = <u>9.40</u>	NaCN = <u>0.15 g</u>	pH = <u>10.25</u>	pH = <u>11.1</u>	pH = <u>10.46</u>
%-200 = _____	CaO = _____ g	CN ⁻ = <u>0.6</u> #/t	CN ⁻ = <u>1.5</u> #/t	CN ⁻ = <u>1.05</u> #/t
H ₂ O = <u>400 ml</u>	Others = _____	Tit = <u>10</u> ml	Tit = <u>60</u> ml	Tit = _____ ml
Other = _____	5ml CaO to pH 11.20	Other = _____ -add 0.9ml NaCN -add 3.0ml CaO -pH 11.45	Other = _____	Other = _____

Sample Calculations

	Units	Assay	Distribution	Recovery
Feed				
Preg	<u>365 ml</u>	<u>0.586 mg/L</u>	<u>0.214 mg</u>	<u>34.98 %</u>
Wash	<u>360 ml</u>	<u>0.079 mg/L</u>	<u>0.028 mg</u>	<u>4.58 %</u>
Total	<u>725 ml</u>	<u>0.334 m</u>	<u>0.242 mg</u>	<u>39.54 %</u>
Residue	<u>200g</u>	<u>1.849 g/t</u>	<u>0.360 mg</u>	<u>60.46 %</u>
Calc Head	<u>200 g</u>	<u>3.06 g/t</u>	<u>0.612 mg</u>	<u>100.00 %</u>

Note: Preg(ml) = Preg + Tit.Sample Test Outlines