

CYANIDATION TESTSDate of test: Mar. 25, 87Sample: T.R.P. Feed Material : No. 43424 to 43426Sample Code#: TRP-1

Initial				Final
Size = <u>200 g</u>	Reagents	Prior to Roll	After <u>24 Hrs.</u>	After <u>33.5 Hrs.</u>
pH = <u>9.6</u>	NaCN = <u>0.15 g</u>	pH = <u>10.3</u>	pH = <u>11.1</u>	pH = <u>10.35</u>
%-200 = _____	CaO = _____ g	CN <sup>-</sup> = <u>0.5</u> #/t	CN <sup>-</sup> = <u>1.5</u> #/t	CN <sup>-</sup> = <u>1.25</u> #/t
H <sub>2</sub> O = <u>400 ml</u>	Others = _____	Tit = <u>10 ml</u>	Tit = <u>60 ml</u>	Tit = _____ ml
Other = _____		Other = _____	Other = _____	Other = _____
5 mL CaO to 11.25		add 1.0 mL NaCN add 2.0 mL CaO pH to 10.6		

Sample Calculations

	Units	Assay	Distribution	Recovery
Feed				
Preg	335 mL	2.534 mg/L	0.849 mg	61.79 %
Wash	545 mL	0.411 mg/L	0.224 mg	16.30 %
Total	880 mL	1.219 mg/L	1.073 mg	78.09 %
Residue	200 g	1.507 g/t	0.301 mg	21.91 %
Calc Head	200 g	6.87 g/t	1.374 mg	100.00 %

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

CYANIDATION TESTSDate of test: Mar. 25/87Sample: T.R.P. Feed Material : No. 43424 to 43426Sample Code#: TRP - 1A

Initial				Final
Size = <u>200 g</u>	Reagents	Prior to Roll	After <u>24</u> Hrs.	After <u>33.5</u> Hrs.
pH = <u>9.48</u>	NaCN = <u>0.15 g</u>	pH = <u>10.46</u>	pH = <u>10.2</u>	pH = <u>10.0</u>
%-200 = _____	CaO = _____ g	CN <sup>-</sup> = <u>0.95</u> #/t	CN <sup>-</sup> = <u>1.15</u> #/t	CN <sup>-</sup> = <u>0.4</u> #/t
H <sub>2</sub> O = <u>400 ml</u>	Others = _____	Tit = <u>10</u> ml	Tit = <u>60</u> ml	Tit = _____ ml
Other = _____	5ml CaO to pH 11.25	Other = _____	Other = _____	Other = _____
		- add 0.65 ml NaCN	- add 0.35 ml NaCN	

Sample Calculations

	Units	Assay	Distribution	Recovery
Feed				
Preg	335 mL	0.596 mg/L	0.200 mg	27.40%
Wash	365 mL	0.175 mg/L	0.064 mg	8.78%
Total	700 mL	0.377 mg/L	0.264 mg	36.16%
Residue	200 g	2.329 g/t	0.466 mg	63.84%
Calc Head	200 g	3.65 g/t	0.730	100.00%

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