

MINE RECONCILIATION STANDARDISATION FRAMEWORK F & R SERIES FRAMEWORK

F SERIES

Parker 2012

R SERIES

Hargreaves 2022

F1 Factor

Mine Production – Reserve

Measures accuracy of reserve model, orebody knowledge, and ore/waste delineation.

F2 Factor

Mill Received – Mill Delivered

Controls unplanned dilution to plant stockpile and monitors processing performance.

F3 Factor

Reserve – Mill Received

Measures the ability to recover estimated reserve in terms of tonnes, grade, and metal.

R1 Factor

Reserve – Resource

Measures rate of change in modifying factors, improving resource and reserve modelling

R2 Factor

Mine Production – Resource

Tests geostatistical assumptions and selectivity modelling, measuring the impact of information effect, dilution, and ore loss

R3 Factor

Plant Feed – Resource

Enhances accuracy of geometallurgical estimation and enables operational, short-term production monitoring.

