

MILL SLURRY CHARACTERISATION

Moly-Cop Tools™

MINERAL SLURRY CHARACTERIZATION Extensive Properties

Ore Density, tons/m³:

Given
and

	Dry Solids (MS, tons)		Water (MW, m3)		Pulp Weight (MP, tons)		Pulp Volume (QP, m3)	
Dry Solids (MS, tons)	MS	100.00	MS	100.00	MS	100.00	MS	100.00
	MW	70.00	MW	70.00	MW	70.00	MW	70.00
	MP	170.00	MP	170.00	MP	170.00	MP	170.00
	QP	105.71	QP	105.71	QP	105.71	QP	105.71
	RHOP	1.608	RHOP	1.608	RHOP	1.608	RHOP	1.608
	PSV	33.78	PSV	33.78	PSV	33.78	PSV	33.78
	PS	58.82	PS	58.82	PS	58.82	PS	58.82

Given
and

	Dry Solids (MS, tons)		Water (MW, m3)		Pulp Weight (MP, tons)		Pulp Volume (QP, m3)	
Pulp Density (RHOP, tons/m3)	MS	100.00	MS	100.00	MS	100.00	MS	100.00
	MW	70.00	MW	70.00	MW	70.00	MW	70.00
	MP	170.00	MP	170.00	MP	170.00	MP	170.00
	QP	105.71	QP	105.71	QP	105.71	QP	105.71
	RHOP	1.608	RHOP	1.608	RHOP	1.608	RHOP	1.608
	PSV	33.78	PSV	33.78	PSV	33.78	PSV	33.78
	PS	58.82	PS	58.82	PS	58.82	PS	58.82

**Water
(MW, m3)**

	Dry Solids (MS, tons)		Water (MW, m3)		Pulp Weight (MP, tons)		Pulp Volume (QP, m3)	
Water (MW, m3)	MS	100.00	MS	100.00	MS	100.00	MS	100.00
	MW	70.00	MW	70.00	MW	70.00	MW	70.00
	MP	170.00	MP	170.00	MP	170.00	MP	170.00
	QP	105.71	QP	105.71	QP	105.71	QP	105.71
	RHOP	1.608	RHOP	1.608	RHOP	1.608	RHOP	1.608
	PSV	33.78	PSV	33.78	PSV	33.78	PSV	33.78
	PS	58.82	PS	58.82	PS	58.82	PS	58.82

**Percent Solids
(PSV, % by vol)**

	Dry Solids (MS, tons)		Water (MW, m3)		Pulp Weight (MP, tons)		Pulp Volume (QP, m3)	
Percent Solids (PSV, % by vol)	MS	100.00	MS	100.00	MS	100.00	MS	100.00
	MW	70.00	MW	70.00	MW	70.00	MW	70.00
	MP	170.00	MP	170.00	MP	170.00	MP	170.00
	QP	105.71	QP	105.71	QP	105.71	QP	105.71
	RHOP	1.608	RHOP	1.608	RHOP	1.608	RHOP	1.608
	PSV	33.78	PSV	33.78	PSV	33.78	PSV	33.78
	PS	58.82	PS	58.82	PS	58.82	PS	58.82

**Pulp Weight
(MP, tons)**

	Dry Solids (MS, tons)		Water (MW, m3)		Pulp Weight (MP, tons)		Pulp Volume (QP, m3)	
Pulp Weight (MP, tons)	MS	100.00	MS	100.00	MS	100.00	MS	100.00
	MW	70.00	MW	70.00	MW	70.00	MW	70.00
	MP	170.00	MP	170.00	MP	170.00	MP	170.00
	QP	105.71	QP	105.71	QP	105.71	QP	105.71
	RHOP	1.608	RHOP	1.608	RHOP	1.608	RHOP	1.608
	PSV	33.78	PSV	33.78	PSV	33.78	PSV	33.78
	PS	58.82	PS	58.82	PS	58.82	PS	58.82

**Percent Solids
(PS, % by weight)**

	Dry Solids (MS, tons)		Water (MW, m3)		Pulp Weight (MP, tons)		Pulp Volume (QP, m3)	
Percent Solids (PS, % by weight)	MS	100.00	MS	100.00	MS	100.00	MS	100.00
	MW	70.00	MW	70.00	MW	70.00	MW	70.00
	MP	170.00	MP	170.00	MP	170.00	MP	170.00
	QP	105.71	QP	105.71	QP	105.71	QP	105.71
	RHOP	1.608	RHOP	1.608	RHOP	1.608	RHOP	1.608
	PSV	33.78	PSV	33.78	PSV	33.78	PSV	33.78
	PS	58.82	PS	58.82	PS	58.82	PS	58.82

**Pulp Volume
(QP, m3)**

	Dry Solids (MS, tons)		Water (MW, m3)		Pulp Weight (MP, tons)		Pulp Volume (QP, m3)	
Pulp Volume (QP, m3)	MS	100.00	MS	100.00	MS	100.00	MS	100.00
	MW	70.00	MW	70.00	MW	70.00	MW	70.00
	MP	170.00	MP	170.00	MP	170.00	MP	170.00
	QP	105.71	QP	105.71	QP	105.71	QP	105.71
	RHOP	1.608	RHOP	1.608	RHOP	1.608	RHOP	1.608
	PSV	33.78	PSV	33.78	PSV	33.78	PSV	33.78
	PS	58.82	PS	58.82	PS	58.82	PS	58.82