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# **LAMPIRAN**

**LAMPIRAN A:**  
DATA INDIKASI POTENSI KOROSI

No.	Stasiun	Weight Percent Pyrite (%)	Atmosfer		Kondisi Aliran Air	Air Tanah			Potensi Korosi
			Kelembaban Udara (%)	Suhu (°C)		pH	DO (mg/L)	TDS (mg/L)	
1	CG 32_1	46	82,5	20,2	Basah	2,9	5,33	1.785	Parah
2	CG 32_2	46	82,5	20,2	Basah	2,9	5,33	1.785	Parah
3	CG 32_3	48	83,9	19,8	Basah	6,5	5,59	1.180	Sedang
4	DD29S_2	40	83,4	17,7	Kering	-	-	-	Tinggi
5	DD29S_3	49	83,4	17,7	Lembab	-	-	-	Tinggi
6	DD29S_4	52	83,4	17,7	Lembab	-	-	-	Tinggi
7	DD30N_5	65	82,5	18	Lembab	-	-	-	Tinggi
8	DD30N_6	63	82,5	18	Lembab	-	-	-	Tinggi
9	DD30S_7	48	82	17,9	Kering	-	-	-	Tinggi
10	DD31S_11	44	77,6	20,8	Kering	-	-	-	Tinggi
11	DD29S_14	58	83,5	17,5	Basah	6,5	4,52	1.225	Sedang
12	DD29S_15	58	83,5	17,5	Basah	6,5	4,52	1.225	Sedang
13	DD29S_16	58	83,5	17,5	Basah	6,5	4,52	1.225	Sedang
14	DD27S_17	42	82,5	20,7	Basah	6,1	4,03	1.541	Sedang
15	DD27S_18	44	82,5	20,7	Basah	6,1	4,03	1.541	Sedang
16	DD27S_19	44	82,5	20,7	Kering	-	-	-	Tinggi
17	DD28N_20	48	80	19,1	Kering	-	-	-	Tinggi
18	DD28N_21	50	80	19,1	Kering	-	-	-	Tinggi
19	DD28S_22	52	83,7	18,5	Kering	-	-	-	Tinggi
20	DD28S_23	53	83,7	18,5	Kering	-	-	-	Tinggi
21	DD27N_24	52	84,2	17	Tetes Air	6,7	0,88	1353	Sedang
22	DD27N_25	45	84,2	17	Tetes Air	6,7	0,88	1353	Sedang
23	DD26S_26	41	84,4	18,5	Tetes Air	6,5	5,17	1158	Sedang
24	DD26S_27	49	84,4	18,5	Tetes Air	6,5	5,17	1158	Sedang

Parameter penentuan potensi korosi pada area *Heavy Sulfide Zone* (HSZ) dengan kandungan mineral pirit >20% yaitu, pada lokasi penelitian yang memiliki kategori potensi korosi sedang memiliki nilai  $4 < \text{pH} < 10$ , TDS berkisar 1.000-4.000 dan kondisi aliran air basah sampai tetesan air. Sedangkan kategori potensi korosi tinggi memiliki kondisi aliran air kering sampai lembab dan nilai kelembaban udara >60% dan untuk kategori potensi korosi parah memiliki nilai  $\text{pH} < 4$ .

Pada stasiun-stasiun yang tidak memiliki data air tanah, termasuk dalam kategori kondisi aliran air kering dan lembab. Hal ini disebabkan pada saat pengamatan, kondisi lingkungan pada stasiun tersebut tidak terdapat rembesan air yang mengalir di permukaan.

**LAMPIRAN B:**  
SPESIFIKASI *WIREMESH* 5.6 MM



**WELDED WIRE MESH SHEET**

Product Code Prefix

**W**

Product Code Guide	Code	Coating	Wire Diameter	Aperture	Length	Width
	W	H	5 A	4 4	4 0	2 4

Typical Yield Strength of Wire	Typical Ultimate Strength of Wire	Weld Shear Strength
350MPa (Galvanised)	550MPa (Galvanised)	350MPa (Minimum)

Galvanised coating weight H: 320GSM

F A R : Flush All Round

Minimum shear strength: 7kN

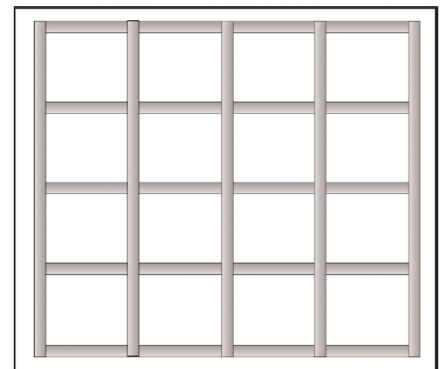
Mesh Sheet Length (mm)	Mesh Sheet Width (mm)	Cross Wire Diameter (mm)	Longitudinal Wire Diameter (mm)	Wire Aperture (mm)
5000	2400	5.6	5.6	100 x 100

**KEY FEATURES**

The DSI welded wire mesh sheet has been designed to provide a safe working environment by providing surface support on the mine roof and rib.

The welded wire mesh sheet is manufactured from individual wire strands electrically resistant welded together to form a mesh sheet. The welded wire mesh can be supplied in a variety of configurations using different wire gauges and wire spacing. The objectives of the welded wire mesh sheet have been incorporated into the design by a number of features:

- ▶ Designed to suit customers specific mine drive dimensions and ground conditions.
- ▶ Suitable for shotcrete applications.
- ▶ Provides consistency of rock bolt patterns.
- ▶ Flush all round.
- ▶ Easy to handle.



PRINTED MARCH 2015  
All dimensions, weights, quantities and specifications are those applicable at the time of publication and may be amended from time to time.



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**LAMPIRAN C:**  
SPESIFIKASI *WIRESH* 8.0 MM

**WELDED WIRE MESH SHEET**

Product Code Prefix

**W**

Product Code Guide	Code	Coating	Wire Diameter	Aperture	Length	Width
	W	H	8	4 5	4 0	2 4

Typical Yield Strength of Wire	Typical Ultimate Strength of Wire	Weld Shear Strength
350MPa (Galvanised)	550MPa (Galvanised)	350MPa (Minimum)

Galvanised coating weight H: 320GSM

F A R : Flush All Round

Minimum shear strength: 7kN

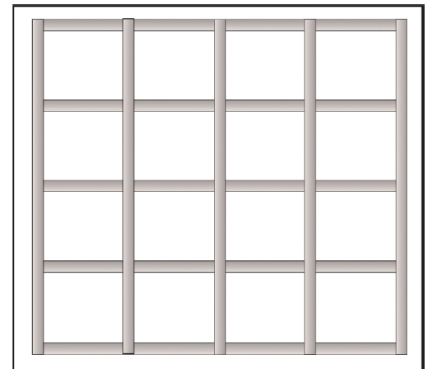
Mesh Sheet Length (mm)	Mesh Sheet Width (mm)	Cross Wire Diameter (mm)	Longitudinal Wire Diameter (mm)	Wire Aperture (mm)
4000	2400	8.0	8.0	100 x 120

**KEY FEATURES**

The DSI welded wire mesh sheet has been designed to provide a safe working environment by providing surface support on the mine roof and rib.

The welded wire mesh sheet is manufactured from individual wire strands electrically resistant welded together to form a mesh sheet. The welded wire mesh can be supplied in a variety of configurations using different wire gauges and wire spacing. The objectives of the welded wire mesh sheet have been incorporated into the design by a number of features:

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