

COAL QUALITY CLASSIFICATION SOUTH BLOCK

**Pit Tempudo 2, Pit Tempudo Phase 1, Pit Tempudo 3, Pit
Tempudo 4, Pit Tempudo 6, Pit Seam 13, Pit Tempudo 7 & Pit UDU**

By Channel Sampling
Update, Oktober 2023



Prepared by,
Coal Quality Control
Dept. Coal Chain Management

08 November 2023

COAL QUALITY CLASSIFICATION SOUTH BLOCK

**Pit Tempudo 2, Pit Tempudo Phase 1, Pit Tempudo
3, Pit Tempudo 4, Pit Tempudo 6, Pit Seam 13, Pit
Tempudo 7 & Pit UDU**

By Channel Sampling
Update, 08 November 2023

Prepared by,



Jazirah Akbar

Supt. Coal Quality
Control

Approval by,



Didik jati

Manager Coal Chain Management

Coal Quality Control
Dept. Coal Chain Management

COAL QUALITY CLASSIFICATION BY INSITU CHANNEL SAMPLING

Oct-23

PIT TEMPUDO 2

No	Seam	Thickness (m)	TM	IM	ASH	VM	FC	TS	CV (kcal/kg)	CV (kcal/kg)	CV (kcal/kg)	Remark
			% ar	% adb	% adb	% adb	% adb	% adb	adb	ar	daf	
1	41	0.70	42.50	20.57	6.33	40.62	32.98	0.29	4957	3588	6776	Pit Tempudo 2 - All Area
2	40	1.60	40.82	16.72	5.30	45.70	32.28	2.47	5177	3679	6639	Pit Tempudo 2 - All Area
3	40L	0.55	39.00	25.44	6.19	38.49	30.38	0.47	4599	3763	6721	Pit Tempudo 2 - All Area
4	39	5.35	39.25	18.26	4.64	41.94	35.16	0.26	5085	3778	6597	Pit Tempudo 2 - All Area
5	38	1.85	38.67	18.69	5.67	39.94	35.70	1.48	5055	3813	6684	Pit Tempudo 2 - East Area
6	37	6.57	38.41	18.43	5.93	40.02	35.62	0.76	5074	3831	6709	Pit Tempudo 2 - East Area
7	36	0.69	37.17	17.32	6.91	38.59	37.18	0.41	5050	3838	6664	Pit Tempudo 2 - East Area
8	36U	0.78	38.40	21.96	4.93	40.44	32.67	0.56	4876	3849	6669	Pit Tempudo 2 - East Area
9	36L	0.44	35.63	17.24	11.57	37.15	34.04	0.24	4675	3636	6567	Pit Tempudo 2 - East Area
10	35U1	5.35	36.62	20.00	5.03	41.04	33.94	0.24	4963	3931	6621	Pit Tempudo 2 - West Area
11	35	8.70	36.67	18.42	4.32	40.83	36.44	0.15	5136	4025	6648	Pit Tempudo 2 - East Area
12	35U2	2.50	37.70	22.41	5.07	40.65	32.36	0.17	4777	3836	6584	Pit Tempudo 2 - West Area
13	35L	0.56	37.45	22.19	7.59	37.88	32.86	0.75	4743	3812	6747	Pit Tempudo 2 - All Area
14	35AU	1.95	39.30	22.51	5.47	40.19	32.33	0.72	4821	3776	6689	Pit Tempudo 2 - West Area
15	35AU	3.02	32.60	18.51	4.14	39.34	38.51	1.38	4821	3987	6960	Pit Tempudo 2 - East Area
16	35A	4.64	32.50	17.66	9.02	41.03	32.29	1.60	5027	4120	6857	Pit Tempudo 2 - East Area
17	35AL	0.94	35.53	19.26	10.64	39.46	31.14	0.56	4747	3790	6687	Pit Tempudo 2 - West Area
18	35AL	1.55	32.15	18.12	6.95	39.64	35.80	1.76	5118	4240	6824	Pit Tempudo 2 - East Area
19	34U	5.81	35.49	20.86	5.08	40.21	33.85	0.25	5082	4143	6862	Pit Tempudo 2 - All Area
20	34L	5.47	37.82	16.57	3.15	42.28	38.01	0.23	5330	3972	6639	Pit Tempudo 2 - All Area



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PIT Tempudo Phase 1

No	Seam	Thickness (m)	TM	IM	ASH	VM	FC	TS	CV (kcal/kg)	CV (kcal/kg)	CV (kcal/kg)	Remark
			% ar	% adb	% adb	% adb	% adb	% adb	adb	ar	daf	
1	34U	5.30	33.80	21.73	5.29	39.41	33.57	0.91	4984	4216	6829	Pit Phase 1 - All Area
2	34M	0.83	34.14	17.65	4.89	40.14	37.33	0.28	5116	4092	6483	Pit Phase 1 - All Area
3	34L	5.67	31.86	20.37	4.90	39.20	35.53	1.29	5074	4342	6790	Pit Phase 1 - All Area
4	33U	1.95	34.79	18.13	6.85	41.28	33.74	2.04	5245	4106	6991	Pit Phase 1 - All Area
5	33L	2.64	34.49	23.40	5.43	40.44	31.73	1.41	5287	4260	7326	Pit Phase 1 - All Area



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PIT TEMPUDO 3

No	Seam	Thickness (m)	TM	IM	ASH	VM	FC	TS	CV (kcal/kg)	CV (kcal/kg)	CV (kcal/kg)	Remark
			% ar	% adb	% adb	% adb	% adb	% adb	adb	ar	daf	
1	33L	1.12	38.35	22.56	4.98	38.30	34.16	0.78	4934	3928	6809	Pit Tempudo 3 - All Area
2	33U	2.50	33.90	20.30	7.79	40.48	31.43	2.80	4905	4068	6821	Pit Tempudo 3 - All Area
3	32U	1.93	33.36	18.75	5.71	41.04	34.49	1.84	5253	4309	6952	Pit Tempudo 3 - All Area
4	32L	0.90	34.90	18.69	7.54	38.11	35.67	0.82	5065	4054	6865	Pit Tempudo 3 - All Area
5	32B	1.03	35.71	22.92	5.48	38.24	33.37	2.28	4932	4114	6888	Pit Tempudo 3 - All Area
6	31U	3.20	32.69	17.93	6.32	40.23	35.52	2.57	5341	4379	7051	Pit Tempudo 3 - All Area
7	31L	1.61	31.78	18.38	8.51	40.02	33.59	3.39	5024	4199	6866	Pit Tempudo 3 - All Area
8	30	6.03	30.99	18.06	4.39	38.39	39.17	0.17	5319	4479	6859	Pit Tempudo 3 - All Area
9	29B	1.19	34.95	21.13	6.19	38.32	34.81	2.71	4907	4047	8135	Pit Tempudo 3 - All Area
10	29	4.12	32.15	20.03	4.74	39.70	35.53	0.24	5214	4423	6932	Pit Tempudo 3 - South Area
11	29	2.41	31.09	17.90	8.72	39.99	33.88	1.91	5065	4252	6897	Pit Tempudo 3 - North Area
12	28	7.73	31.47	19.11	5.01	38.87	37.01	1.83	5379	4557	7088	Pit Tempudo 3 - All Area
13	28L	0.60	29.07	15.95	14.75	37.00	32.80	4.58	4810	4059	6934	Pit Tempudo 3 - North Area
14	27U	3.34	29.47	17.87	5.32	38.27	38.53	1.18	5370	4610	6992	Pit Tempudo 3 - All Area
15	27L	1.67	28.33	17.33	6.44	40.56	35.67	2.57	5449	4724	7149	Pit Tempudo 3 - All Area



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PIT TEMPUDO 4

No	Seam	Thickness (m)	TM	IM	ASH	VM	FC	TS	CV (kcal/kg)	CV (kcal/kg)	CV (kcal/kg)	Remark
			% ar	% adb	% adb	% adb	% adb	% adb	adb	ar	daf	
1	29	7.62	34.04	17.34	4.45	40.43	37.79	0.27	5147	4107	6580	Pit Tempudo 4 - All Area
2	28	4.12	36.13	20.29	4.98	40.59	34.14	0.22	4900	3926	6557	Pit Tempudo 4 - All Area
3	28AL	2.74	33.16	16.84	6.59	39.82	36.75	2.56	5080	4083	6634	Pit Tempudo 4 - All Area
4	27U	3.10	34.75	18.45	4.68	38.16	38.72	0.16	5056	4045	6577	Pit Tempudo 4 - All Area
5	27L	1.76	33.76	19.82	7.01	36.32	36.85	0.29	4844	4004	6620	Pit Tempudo 4 - All Area
6	27	6.52	34.42	18.12	5.25	38.88	37.75	0.31	5075	4064	6623	Pit Tempudo 4 - All Area
7	27A	4.92	33.08	17.53	5.16	41.07	36.24	1.08	5245	4256	6785	Pit Tempudo 4 - North Area
8	27AU	3.09	31.79	17.48	6.56	40.90	35.06	1.68	5196	4294	6841	Pit Tempudo 4 - North Area
9	27AL	3.42	33.16	18.08	5.27	39.53	37.13	0.51	5124	4181	6685	Pit Tempudo 4 - North Area



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PIT TEMPUDO 6

No	Seam	Thickness (m)	TM	IM	ASH	VM	FC	TS	CV (kcal/kg)	CV (kcal/kg)	CV (kcal/kg)	Remark
			% ar	% adb	% adb	% adb	% adb	% adb	adb	ar	daf	
1	40	4.76	39.18	18.78	5.35	40.40	35.40	0.31	4972	3719	6529	Pit Tempudo 6 - South Area
2	40	5.25	39.17	17.79	5.82	40.78	35.51	1.57	5022	3712	6532	Pit Tempudo 6 - North Area
3	39	0.55	40.30	21.38	5.80	40.25	33.07	0.32	4830	3668	6628	Pit Tempudo 6 - South Area
4	39U	3.36	39.60	17.97	4.97	41.13	35.93	0.24	5066	3731	6575	Pit Tempudo 6 - South Area
5	39L	0.55	38.72	17.25	6.81	41.25	34.70	0.26	5082	3763	6691	Pit Tempudo 6 - South Area
6	39A	2.01	39.42	16.70	6.18	41.83	35.30	0.30	5145	3742	6671	Pit Tempudo 6 - South Area
7	38	1.53	37.36	17.80	6.11	40.37	35.72	1.89	5062	3857	6653	Pit Tempudo 6 - All Area
8	38B	1.07	38.21	17.56	6.92	40.45	35.08	1.49	4974	3727	6587	Pit Tempudo 6 - All Area
9	38B(S)	2.07	39.31	22.40	5.26	41.86	30.48	0.36	4768	3729	6590	Pit Tempudo 6 - South Area
10	37	3.83	36.03	18.45	7.59	39.25	34.72	1.69	4909	3851	6633	Pit Tempudo 6 - North Area
11	37(S)	4.40	37.72	21.81	6.51	39.42	32.26	2.02	4726	3764	6592	Pit Tempudo 6 - South Area
12	37U	4.20	38.79	23.41	6.06	37.08	33.95	1.48	4674	3735	6622	Pit Tempudo 6 - South Area
13	37L	0.99	39.60	27.49	6.01	36.91	30.09	0.41	4464	3718	6707	Pit Tempudo 6 - South Area
14	37A	1.35	37.56	21.58	6.46	39.52	32.44	0.32	4745	3778	6593	Pit Tempudo 6 - South Area
15	36U	0.58	36.91	21.61	10.24	37.61	30.55	0.33	5565	3612	8190	Pit Tempudo 6 - All Area
16	36	0.87	32.90	14.54	15.17	39.32	31.47	0.43	4635	3639	6590	Pit Tempudo 6 - All Area
17	36L	0.53	37.22	17.02	7.58	39.84	35.57	0.36	5035	3809	6679	Pit Tempudo 6 - All Area
18	36A	0.57	36.50	14.58	8.07	41.09	36.76	0.38	5196	3863	6713	Pit Tempudo 6 - All Area
19	35BU	1.24	38.20	20.55	8.73	40.04	31.18	0.38	4791	3727	6769	Pit Tempudo 6 - All Area
20	35B	1.88	36.44	17.86	5.57	41.97	34.61	0.25	5187	4012	6773	Pit Tempudo 6 - All Area
21	35BL	0.83	37.10	21.71	5.34	40.63	32.82	0.23	4837	3886	6626	Pit Tempudo 6 - All Area
22	35U1	3.15	37.53	22.12	5.35	39.08	33.47	0.18	4743	3803	6538	Pit Tempudo 6 - All Area
23	35	7.64	35.52	19.03	6.54	40.18	34.25	0.18	4916	3913	6605	Pit Tempudo 6 - All Area
24	35U2	2.11	37.32	21.29	6.80	38.09	33.83	0.22	5776	3808	8065	Pit Tempudo 6 - All Area



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PIT TEMPUDO 7

No	Seam	Thickness (m)	TM	IM	ASH	VM	FC	TS	CV (kcal/kg)	CV (kcal/kg)	CV (kcal/kg)	Remark
			% ar	% adb	% adb	% adb	% adb	% adb	adb	ar	daf	
1	30U	4.74	31.80	17.20	5.81	40.68	36.32	0.26	5189	4276	6745	Pit Tempudo 7 - All Area
2	30L	0.89	31.33	18.18	6.37	39.05	36.40	0.31	5150	4323	6827	Pit Tempudo 7 - All Area
3	29	1.79	32.46	17.16	5.51	39.33	38.00	1.50	5208	4249	6738	Pit Tempudo 7 - All Area
4	28	6.54	32.34	18.05	4.87	39.83	37.25	1.12	5310	4385	6890	Pit Tempudo 7 - All Area
5	27U	3.59	30.62	14.74	7.42	40.10	37.74	1.41	5347	4355	6870	Pit Tempudo 7 - Data Borehole
6	27L	1.17	28.95	14.10	9.21	39.26	37.42	1.04	5286	4375	6893	Pit Tempudo 7 - Data Borehole
7	27A	2.01	32.52	16.77	6.26	37.77	39.19	0.44	5253	4258	6827	Pit Tempudo 7 - All Area
8	26	3.06	30.83	18.06	4.39	40.25	37.31	1.25	5436	4589	7009	Pit Tempudo 7 - All Area



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PIT Seam 13

No	Seam	Thickness (m)	TM	IM	ASH	VM	FC	TS	CV (kcal/kg)	CV (kcal/kg)	CV (kcal/kg)	Remark
			% ar	% adb	% adb	% adb	% adb	% adb	adb	ar	daf	
1	13	2.43	29.08	17.00	5.09	38.44	39.47	1.71	5526	4721	7093	Pit Seam 13 - All Area
2	13B	0.44	27.77	17.51	6.49	37.75	38.26	2.53	5309	4641	6982	Pit Seam 13 - All Area
3	14LS	2.55	29.40	16.99	4.78	39.35	38.87	0.72	5531	4705	7071	Pit Seam 13 - All Area
4	14HS	3.07	27.33	16.12	4.92	40.41	38.55	1.67	5545	4803	7023	Pit Seam 13 - All Area
5	14A	0.48	28.38	16.18	7.07	38.90	37.85	2.35	5425	4635	7071	Pit Seam 13 - All Area
6	15	0.77	27.61	16.35	5.37	41.05	37.22	1.89	5527	4784	7064	Pit Seam 13 - All Area
7	16	0.70	30.36	19.20	3.35	41.78	35.67	1.26	5592	4820	7220	Pit Seam 13 - All Area
8	17	0.70	31.87	14.49	8.93	38.97	38.11	2.37	5296	4219	6909	Pit Seam 13 - All Area



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PIT UDU

No	Seam	Thickness (m)	TM	IM	ASH	VM	FC	TS	CV (kcal/kg)	CV (kcal/kg)	CV (kcal/kg)	Remark
			% ar	% adb	% adb	% adb	% adb	% adb	adb	ar	daf	
1	26	4.20	35.44	18.93	5.39	38.97	36.71	0.25	5056	4026	6682	Pit UDU - All Area
2	27	4.42	35.79	17.14	4.19	39.83	38.84	0.44	5192	4024	6600	Pit UDU - All Area
3	27U	2.52	36.65	18.45	4.26	39.90	37.39	0.28	5105	3966	6606	Pit UDU - All Area
4	27L	2.39	36.74	18.50	6.11	38.31	37.09	1.13	5005	3884	6637	Pit UDU - All Area
5	27AU	2.05	34.82	18.56	7.38	40.67	33.40	1.69	5091	4074	6873	Pit UDU - All Area
6	27AL	1.08	36.10	23.40	8.40	35.80	32.50	1.65	4625	3854	6678	Pit UDU - All Area
7	28AL	1.66	34.48	17.88	7.19	39.08	35.86	2.40	4917	3924	6563	Pit UDU - All Area
8	28	3.14	36.31	18.12	5.20	39.82	36.86	0.38	5017	3902	6543	Pit UDU - All Area
9	29	5.34	36.19	21.08	5.28	39.61	34.03	0.21	4921	3908	6682	Pit UDU - All Area
10	33	6.67	37.45	23.81	7.80	38.27	30.12	0.33	4563	3746	6672	Pit UDU - All Area
11	33A	4.39	38.19	18.30	4.23	41.36	36.11	0.24	5114	3869	6601	Pit UDU - All Area
12	33L	1.37	37.56	17.48	7.84	40.50	34.19	0.24	4980	3767	6668	Pit UDU - All Area
13	33U	2.60	38.53	21.63	5.23	40.20	32.93	0.30	4913	3853	6717	Pit UDU - All Area
14	34	2.78	38.96	17.60	5.18	41.79	35.43	0.32	5172	3831	6698	Pit UDU - All Area
15	34L	4.00	36.76	16.81	5.47	40.94	36.77	0.27	5086	3867	6545	Pit UDU - All Area
16	35U2	1.45	38.79	17.19	7.71	40.59	34.51	0.28	5008	3702	6670	Pit UDU - All Area
17	35U1	1.76	39.60	18.11	6.41	39.61	35.87	0.24	5004	3690	6629	Pit UDU - All Area
18	35B	1.65	38.31	17.18	6.25	42.19	34.37	0.28	5148	3835	6723	Pit UDU - All Area
19	35	2.59	34.70	20.89	7.53	39.61	31.97	0.24	4778	3944	6675	Pit UDU - All Area
20	36L	1.35	39.52	25.56	6.42	40.19	27.84	0.39	4577	3716	6728	Pit UDU - All Area
21	36U	1.38	39.77	23.41	6.75	40.56	29.28	0.38	4578	3601	6555	Pit UDU - All Area
22	36	2.22	38.68	17.37	7.78	40.45	34.40	0.31	4964	3683	6631	Pit UDU - All Area
23	37A	0.41	38.13	17.43	12.31	37.58	32.68	0.59	4569	3424	6503	Pit UDU - All Area
24	37L	2.13	40.51	19.61	3.62	41.61	35.17	0.23	5071	3752	6605	Pit UDU - All Area
25	37U	0.71	38.98	17.85	8.16	39.46	34.53	0.36	4823	3582	6521	Pit UDU - All Area
26	37	1.34	40.75	18.37	5.30	40.89	35.44	0.29	5015	3641	6568	Pit UDU - All Area
27	39	3.42	39.16	18.19	4.73	41.85	35.22	0.44	5164	3841	6700	Pit UDU - All Area
28	40	3.50	38.38	15.82	13.74	38.26	32.20	0.29	4597	3365	6525	Pit UDU - All Area

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No	Seam	Klasifikasi Sulfur	Klasifikasi CVar	Thickness (m)	TM	IM	ASH	VM	FC	TS	CV (kcal/kg)	CV (kcal/kg)	CV (kcal/kg)	Remark
					% ar	% adb	% adb	% adb	% adb	% adb	adb	ar	daf	
1	41	LS	LCV	0.70	42.50	20.57	6.33	40.62	32.98	0.29	4957	3588	6776	Pit Tempudo 2 - All Area
2	40	HS	LCV	1.60	40.82	16.72	5.30	45.70	32.28	2.47	5177	3679	6639	Pit Tempudo 2 - All Area
3	40L	LS	LCV	0.55	39.00	25.44	6.19	38.49	30.38	0.47	4599	3763	6721	Pit Tempudo 2 - All Area
4	39	LS	LCV	5.35	39.25	18.26	4.64	41.94	35.16	0.26	5085	3778	6597	Pit Tempudo 2 - All Area
5	38	HS	LCV	1.85	38.67	18.69	5.67	39.94	35.70	1.48	5055	3813	6684	Pit Tempudo 2 - East Area
6	37	HS	LCV	6.57	38.41	18.43	5.93	40.02	35.62	0.76	5074	3831	6709	Pit Tempudo 2 - East Area
7	36	LS	LCV	0.69	37.17	17.32	6.91	38.59	37.18	0.41	5050	3838	6664	Pit Tempudo 2 - East Area
8	36U	LS	LCV	0.78	38.40	21.96	4.93	40.44	32.67	0.56	4876	3849	6669	Pit Tempudo 2 - East Area
9	36L	LS	LCV	0.44	35.63	17.24	11.57	37.15	34.04	0.24	4675	3636	6567	Pit Tempudo 2 - East Area
10	35U1	LS	LCV	5.35	36.62	20.00	5.03	41.04	33.94	0.24	4963	3931	6621	Pit Tempudo 2 - West Area
11	35	LS	TpyCV	8.70	36.67	18.42	4.32	40.83	36.44	0.15	5136	4025	6648	Pit Tempudo 2 - East Area
12	35U2	LS	LCV	2.50	37.70	22.41	5.07	40.65	32.36	0.17	4777	3836	6584	Pit Tempudo 2 - West Area
13	35L	HS	LCV	0.56	37.45	22.19	7.59	37.88	32.86	0.75	4743	3812	6747	Pit Tempudo 2 - All Area
14	35AU	HS	LCV	1.95	39.30	22.51	5.47	40.19	32.33	0.72	4821	3776	6689	Pit Tempudo 2 - West Area
15	35AU	HS	LCV	3.02	32.60	18.51	4.14	39.34	38.51	1.38	4821	3987	6960	Pit Tempudo 2 - East Area
16	35A	HS	HCV	4.64	32.50	17.66	9.02	41.03	32.29	1.60	5027	4120	6857	Pit Tempudo 2 - East Area
17	35AL	LS	LCV	0.94	35.53	19.26	10.64	39.46	31.14	0.56	4747	3790	6687	Pit Tempudo 2 - West Area
18	35AL	HS	HCV	1.55	32.15	18.12	6.95	39.64	35.80	1.76	5118	4240	6824	Pit Tempudo 2 - East Area
19	34U	LS	HCV	5.81	35.49	20.86	5.08	40.21	33.85	0.25	5082	4143	6862	Pit Tempudo 2 - All Area
20	34L	LS	LCV	5.47	37.82	16.57	3.15	42.28	38.01	0.23	5330	3972	6639	Pit Tempudo 2 - All Area
21	34U	HS	HCV	5.30	33.80	21.73	5.29	39.41	33.57	0.91	4984	4216	6829	Pit Phase 1 - All Area
22	34M	LS	TpyCV	0.83	34.14	17.65	4.89	40.14	37.33	0.28	5116	4092	6483	Pit Phase 1 - All Area
23	34L	HS	HCV	5.67	31.86	20.37	4.90	39.20	35.53	1.29	5074	4342	6790	Pit Phase 1 - All Area
24	33U	HS	HCV	1.95	34.79	18.13	6.85	41.28	33.74	2.04	5245	4106	6991	Pit Phase 1 - All Area
25	33L	HS	HCV	2.64	34.49	23.40	5.43	40.44	31.73	1.41	5287	4260	7326	Pit Phase 1 - All Area
26	33L	HS	LCV	1.12	38.35	22.56	4.98	38.30	34.16	0.78	4934	3928	6809	Pit Tempudo 3 - All Area
27	33U	HS	TpyCV	2.50	33.90	20.30	7.79	40.48	31.43	2.80	4905	4068	6821	Pit Tempudo 3 - All Area
28	32U	HS	HCV	1.93	33.36	18.75	5.71	41.04	34.49	1.84	5253	4309	6952	Pit Tempudo 3 - All Area
29	32L	HS	TpyCV	0.90	34.90	18.69	7.54	38.11	35.67	0.82	5065	4054	6865	Pit Tempudo 3 - All Area
30	32B	HS	HCV	1.03	35.71	22.92	5.48	38.24	33.37	2.28	4932	4114	6888	Pit Tempudo 3 - All Area
31	31U	HS	HCV	3.20	32.69	17.93	6.32	40.23	35.52	2.57	5341	4379	7051	Pit Tempudo 3 - All Area
32	31L	HS	HCV	1.61	31.78	18.38	8.51	40.02	33.59	3.39	5024	4199	6866	Pit Tempudo 3 - All Area
33	30	LS	HCV	6.03	30.99	18.06	4.39	38.39	39.17	0.17	5319	4479	6859	Pit Tempudo 3 - All Area
34	29B	HS	TpyCV	1.19	34.95	21.13	6.19	38.32	34.81	2.71	4907	4047	8135	Pit Tempudo 3 - All Area
35	29	LS	HCV	4.12	32.15	20.03	4.74	39.70	35.53	0.24	5214	4423	6932	Pit Tempudo 3 - South Area
36	29	HS	HCV	2.41	31.09	17.90	8.72	39.99	33.88	1.91	5065	4252	6897	Pit Tempudo 3 - North Area
37	28	HS	HCV	7.73	31.47	19.11	5.01	38.87	37.01	1.83	5379	4557	7088	Pit Tempudo 3 - All Area
38	28L	HS	TpyCV	0.60	29.07	15.95	14.75	37.00	32.80	4.58	4810	4059	6934	Pit Tempudo 3 - North Area
39	27U	HS	HCV	3.34	29.47	17.87	5.32	38.27	38.53	1.18	5370	4610	6992	Pit Tempudo 3 - All Area
40	27L	HS	HCV	1.67	28.33	17.33	6.44	40.56	35.67	2.57	5449	4724	7149	Pit Tempudo 3 - All Area
41	29	LS	HCV	7.62	34.04	17.34	4.45	40.43	37.79	0.27	5147	4107	6580	Pit Tempudo 4 - All Area
42	28	LS	LCV	4.12	36.13	20.29	4.98	40.59	34.14	0.22	4900	3926	6557	Pit Tempudo 4 - All Area
43	28AL	HS	TpyCV	2.74	33.16	16.84	6.59	39.82	36.75	2.56	5080	4083	6634	Pit Tempudo 4 - All Area
44	27U	LS	TpyCV	3.10	34.75	18.45	4.68	38.16	38.72	0.16	5056	4045	6577	Pit Tempudo 4 - All Area
45	27L	LS	TpyCV	1.76	33.76	19.82	7.01	36.32	36.85	0.29	4844	4004	6620	Pit Tempudo 4 - All Area
46	27	LS	TpyCV	6.52	34.42	18.12	5.25	38.88	37.75	0.31	5075	4064	6623	Pit Tempudo 4 - All Area
47	27A	HS	HCV	4.92	33.08	17.53	5.16	41.07	36.24	1.08	5245	4256	6785	Pit Tempudo 4 - North Area
48	27AU	HS	HCV	3.09	31.79	17.48	6.56	40.90	35.06	1.68	5196	4294	6841	Pit Tempudo 4 - North Area
49	27AL	LS	HCV	3.42	33.16	18.08	5.27	39.53	37.13	0.51	5124	4181	6685	Pit Tempudo 4 - North Area
50	40	LS	LCV	4.76	39.18	18.78	5.35	40.40	35.40	0.31	4972	3719	6529	Pit Tempudo 6 - South Area
51	40	HS	LCV	5.25	39.17	17.79	5.82	40.78	35.51	1.57	5022	3712	6532	Pit Tempudo 6 - North Area
52	39	LS	LCV	0.55	40.30	21.38	5.80	40.25	33.07	0.32	4830	3668	6628	Pit Tempudo 6 - South Area
53	39U	LS	LCV	3.36	39.60	17.97	4.97	41.13	35.93	0.24	5066	3731	6575	Pit Tempudo 6 - South Area
54	39L	LS	LCV	0.55	38.72	17.25	6.81	41.25	34.70	0.26	5082	3763	6691	Pit Tempudo 6 - South Area
55	39A	LS	LCV	2.01	39.42	16.70	6.18	41.83	35.30	0.30	5145	3742	6671	Pit Tempudo 6 - South Area
56	38	HS	LCV	1.53	37.36	17.80	6.11	40.37	35.72	1.89	5062	3857	6653	Pit Tempudo 6 - All Area
57	38B	HS	LCV	1.07	38.21	17.56	6.92	40.45	35.08	1.49	4974	3727	6587	Pit Tempudo 6 - All Area
58	38B(S)	LS	LCV	2.07	39.31	22.40	5.26	41.86	30.48	0.36	4768	3729	6590	Pit Tempudo 6 - South Area
59	37	HS	LCV	3.83	36.03	18.45	7.59	39.25	34.72	1.69	4909	3851	6633	Pit Tempudo 6 - North Area
60	37(S)	HS	LCV	4.40	37.72	21.81	6.51	39.42	32.26	2.02	4726	3764	6592	Pit Tempudo 6 - South Area
61	37U	HS	LCV	4.20	38.79	23.41	6.06	37.08	33.95	1.48	4674	3735	6622	Pit Tempudo 6 - South Area
62	37L	LS	LCV	0.99	39.60	27.49	6.01	36.91	30.09	0.41	4464	3718	6707	Pit Tempudo 6 - South Area
63	37A	LS	LCV	1.35	37.56	21.58	6.46	39.52	32.44	0.32	4745	3778	6593	Pit Tempudo 6 - South Area
64	36U	LS	LCV	0.58	36.91	21.61	10.24	37.61	30.55	0.33	5565	3612	8190	Pit Tempudo 6 - All Area
65	36	LS	LCV	0.87	32.90	14.54	15.17	39.32	31.47	0.43	4635	3639	6590	Pit Tempudo 6 - All Area
66	36L	LS	LCV	0.53	37.22	17.02	7.58	39.84	35.57	0.36	5035	3809	6679	Pit Tempudo 6 - All Area
67	36A	LS	LCV	0.57	36.50	14.58	8.07	41.09	36.76	0.38	5196	3863	6713	Pit Tempudo 6 - All Area
68	35BU	LS	LCV	1.24	38.20	20.55	8.73	40.04	31.18	0.38	4791	3727	6769	Pit Tempudo 6 - All Area
69	35B	LS	TpyCV	1.88	36.44	17.86	5.57	41.97	34.61	0.25	5187	4012	6773	Pit Tempudo 6 - All Area
70	35BL	LS	LCV	0.83	37.10	21.71	5.34	40.63	32.82	0.23	4837	3886	6626	Pit Tempudo 6 - All Area
71	35U1	LS	LCV	3.15	37.53	22.12	5.35	39.08	33.47	0.18	4743	3803	6538	Pit Tempudo 6 - All Area
72	35	LS	LCV	7.64	35.52	19.03	6.54	40.18	34.25	0.18	4916	3913	6605	Pit Tempudo 6 - All Area
73	35U2	LS	LCV	2.11	37.32	21.29	6.80	38.09	33.83	0.22	5776	3808	8065	Pit Tempudo 6 - All Area
74	26	LS	TpyCV	4.20	35.44	18.93	5.39	38.97	36.71	0.25	5056	4026	6682	Pit UDU - All Area
75	27	LS	TpyCV	4.42	35.79	17.14	4.19	39.83	38.84	0.44	5192	4024	6600	Pit UDU - All Area
76	27U	LS	LCV	2.52	36.65	18.45	4.26	39.90	37.39	0.28	5105	3966	6606	Pit UDU - All Area
77	27L	HS	LCV	2.39	36.74	18.50	6.11	38.31	37.09	1.13	5005	3884	6637	Pit UDU - All Area
78	27AU	HS	TpyCV	2.05	34.82	18.56	7.38	40.67	33.40	1.69	5091	4074	6873	Pit UDU - All Area
79	27AL	HS	LCV	1.08	36.10	23.40	8.40	35.80	32.50	1.65	4625	3854	6678	Pit UDU - All Area
80	28AL	HS	LCV	1.66	34.48	17.88	7.19	39.08	35.86	2.40	4917	3924	6563	Pit UDU - All Area
81	28	LS	LCV	3.14	36.31	18.12	5.20	39.82	36.86	0.38	5017	3902	6543	Pit UDU - All Area
82	29	LS	LCV	5.34	36.19	21.08	5.28	39.61	34.03	0.21	4921	3908	6682	Pit UDU - All Area
83	33	LS	LCV	6.67	37.45	23.81	7.80	38.27	30.12	0.33	4563	3746	6672	Pit UDU - All Area
84	33A	LS	LCV	4.39	38.19	18.30	4.23	41.36	36.11	0.24	5114	3869	6601	Pit UDU - All Area
85	33L	LS	LCV	1.37	37.56	17.48	7.84	40.50	34.19	0.24	4980	3767	6668	Pit UDU - All Area
86	33U	LS	LCV	2.60	38.53	21.63	5.23	40.20	32.93	0.30	4913	3853	6717	Pit UDU - All Area
87	34	LS	LCV	2.78	38.96	17.60	5.18	41.79	35.43	0.32				

COAL QUALITY CLASSIFICATION BY INSITU CHANNEL SAMPLING

Oct-23

No	Seam	Pit	Klasifikasi Sulfur	Klasifikasi CVar	Remark
1	41	Pit Tempudo 2	LS	LCV	Pit Tempudo 2 - All Area
2	40		HS	LCV	Pit Tempudo 2 - All Area
3	40L		LS	LCV	Pit Tempudo 2 - All Area
4	39		LS	LCV	Pit Tempudo 2 - All Area
5	38		HS	LCV	Pit Tempudo 2 - East Area
6	37		HS	LCV	Pit Tempudo 2 - East Area
7	36		LS	LCV	Pit Tempudo 2 - East Area
8	36U		LS	LCV	Pit Tempudo 2 - East Area
9	36L		LS	LCV	Pit Tempudo 2 - East Area
10	35U1		LS	LCV	Pit Tempudo 2 - West Area
11	35		LS	TpyCV	Pit Tempudo 2 - East Area
12	35U2		LS	LCV	Pit Tempudo 2 - West Area
13	35L		HS	LCV	Pit Tempudo 2 - All Area
14	35AU		HS	LCV	Pit Tempudo 2 - West Area
15	35AU		HS	LCV	Pit Tempudo 2 - East Area
16	35A		HS	HCV	Pit Tempudo 2 - East Area
17	35AL		LS	LCV	Pit Tempudo 2 - West Area
18	35AL		HS	HCV	Pit Tempudo 2 - East Area
19	34U		LS	HCV	Pit Tempudo 2 - All Area
20	34L		LS	LCV	Pit Tempudo 2 - All Area
21	34U	Pit Phase-1	HS	HCV	Pit Phase 1 - All Area
22	34M		LS	TpyCV	Pit Phase 1 - All Area
23	34L		HS	HCV	Pit Phase 1 - All Area
24	33U		HS	HCV	Pit Phase 1 - All Area
25	33L		HS	HCV	Pit Phase 1 - All Area
26	33L	Pit Tempudo 3	HS	LCV	Pit Tempudo 3 - All Area
27	33U		HS	TpyCV	Pit Tempudo 3 - All Area
28	32U		HS	HCV	Pit Tempudo 3 - All Area
29	32L		HS	TpyCV	Pit Tempudo 3 - All Area
30	32B		HS	HCV	Pit Tempudo 3 - All Area
31	31U		HS	HCV	Pit Tempudo 3 - All Area
32	31L		HS	HCV	Pit Tempudo 3 - All Area
33	30		LS	HCV	Pit Tempudo 3 - All Area
34	29B		HS	TpyCV	Pit Tempudo 3 - All Area
35	29		LS	HCV	Pit Tempudo 3 - South Area
36	29		HS	HCV	Pit Tempudo 3 - North Area
37	28		HS	HCV	Pit Tempudo 3 - All Area
38	28L		HS	TpyCV	Pit Tempudo 3 - North Area
39	27U		HS	HCV	Pit Tempudo 3 - All Area
40	27L		HS	HCV	Pit Tempudo 3 - All Area
41	29	Pit Tempudo 4	LS	HCV	Pit Tempudo 4 - All Area
42	28		LS	LCV	Pit Tempudo 4 - All Area
43	28AL		HS	TpyCV	Pit Tempudo 4 - All Area
44	27U		LS	TpyCV	Pit Tempudo 4 - All Area
45	27L		LS	TpyCV	Pit Tempudo 4 - All Area
46	27		LS	TpyCV	Pit Tempudo 4 - All Area
47	27A		HS	HCV	Pit Tempudo 4 - North Area
48	27AU		HS	HCV	Pit Tempudo 4 - North Area
49	27AL		LS	HCV	Pit Tempudo 4 - North Area
50	40	Pit Tempudo 6	LS	LCV	Pit Tempudo 6 - North Area
50	40		HS	LCV	Pit Tempudo 6 - South Area
52	39		LS	LCV	Pit Tempudo 6 - South Area
53	39U		LS	LCV	Pit Tempudo 6 - South Area
54	39L		LS	LCV	Pit Tempudo 6 - South Area
55	39A		LS	LCV	Pit Tempudo 6 - South Area
56	38		HS	LCV	Pit Tempudo 6 - All Area
57	38B		HS	LCV	Pit Tempudo 6 - All Area
58	38B(S)		LS	LCV	Pit Tempudo 6 - South Area
59	37		HS	LCV	Pit Tempudo 6 - North Area
60	37(S)		HS	LCV	Pit Tempudo 6 - South Area
61	37U		HS	LCV	Pit Tempudo 6 - South Area
62	37L		LS	LCV	Pit Tempudo 6 - South Area
63	37A		LS	LCV	Pit Tempudo 6 - South Area
64	36U		LS	LCV	Pit Tempudo 6 - All Area
65	36		LS	LCV	Pit Tempudo 6 - All Area
66	36L		LS	LCV	Pit Tempudo 6 - All Area
67	36A		LS	LCV	Pit Tempudo 6 - All Area
68	35BU		LS	LCV	Pit Tempudo 6 - All Area
69	35B		LS	TpyCV	Pit Tempudo 6 - All Area
70	35BL		LS	LCV	Pit Tempudo 6 - All Area
71	35U1		LS	LCV	Pit Tempudo 6 - All Area
72	35		LS	LCV	Pit Tempudo 6 - All Area
73	35U2		LS	LCV	Pit Tempudo 6 - All Area
74	26	Pit UDU	LS	TpyCV	Pit UDU - All Area
75	27		LS	TpyCV	Pit UDU - All Area
76	27U		LS	LCV	Pit UDU - All Area
77	27L		HS	LCV	Pit UDU - All Area
78	27AU		HS	TpyCV	Pit UDU - All Area
79	27AL		HS	LCV	Pit UDU - All Area
80	28AL		HS	LCV	Pit UDU - All Area
81	28		LS	LCV	Pit UDU - All Area
82	29		LS	LCV	Pit UDU - All Area
83	33		LS	LCV	Pit UDU - All Area
84	33A		LS	LCV	Pit UDU - All Area
85	33L		LS	LCV	Pit UDU - All Area
86	33U		LS	LCV	Pit UDU - All Area
87	34		LS	LCV	Pit UDU - All Area
88	34L		LS	LCV	Pit UDU - All Area
89	35U2		LS	LCV	Pit UDU - All Area
90	35U1		LS	LCV	Pit UDU - All Area
91	35B		LS	LCV	Pit UDU - All Area
92	35		LS	LCV	Pit UDU - All Area
93	36L		LS	LCV	Pit UDU - All Area
94	36U		LS	LCV	Pit UDU - All Area
95	36		LS	LCV	Pit UDU - All Area
96	37A		LS	LCV	Pit UDU - All Area
97	37L		LS	LCV	Pit UDU - All Area
98	37U		LS	LCV	Pit UDU - All Area
99	37		LS	LCV	Pit UDU - All Area
100	39		LS	LCV	Pit UDU - All Area
101	40		LS	LCV	Pit UDU - All Area
102	13	Pit Seam 13	HS	HCV	Pit Seam 13 - All Area
103	13B		HS	HCV	Pit Seam 13 - All Area
104	14LS		HS	HCV	Pit Seam 13 - All Area
105	14HS		HS	HCV	Pit Seam 13 - All Area
106	14A		HS	HCV	Pit Seam 13 - All Area
107	15		HS	HCV	Pit Seam 13 - All Area
108	16		HS	HCV	Pit Seam 13 - All Area
109	17		HS	HCV	Pit Seam 13 - All Area
110	30U	Pit Tempudo 7	LS	HCV	Pit Tempudo 7 - All Area
111	30L		LS	HCV	Pit Tempudo 7 - All Area
112	29		HS	HCV	Pit Tempudo 7 - All Area
113	28		HS	HCV	Pit Tempudo 7 - All Area
114	27U		HS	HCV	Pit Tempudo 7 - Data Borehole
115	27L		HS	HCV	Pit Tempudo 7 - Data Borehole
116	27A		LS	HCV	Pit Tempudo 7 - All Area
117	26		HS	HCV	Pit Tempudo 7 - All Area

Note :
LS : Low Sulphur 0.1 - 0.7 %
HS : High Sulphur > 0.7 %
LCV : Low CV < 4000
HCV : High CV > 4170
TpyCV : Typikal CV 4000 - 4170