

Nature of Sample Coal Joint Analysis **EASTERN COALFIELDS LIMITED**
 A/c Aravalli (Quality Control Deptt), Sanctoria, Disergarth-713333
 Ref Barachak House Lab. Salampur Area ECL

Aravalli: 3/5
 Date: 11/4/2015

Sl. No.	Name of Sample/Part No. Collected	Rank No	Quantity by	Ex. Gr.	Date of Sampling	Consignee	F/Note No.	Total Wagons	Moist %	Ash %	T.M. %	Calculated Ash % by K.Calrfgs.	Grade On Test	Remarks
1	Dabar	01	1297.81	G7	5.3.15	ARVL	42985	20	1.7	39.1	4.2	53.03	G7	20
2	Baryemehary	01	2636.58	G5	-10-	ARVL	42986	39	1.6	26.6	4.1	59.84	G5	39
3	Mohanpur	02	2361.59	G7	11.3.15	ARVL	42998	35	1.7	33.9	4.0	53.93	G7	35
4	Baryemehary	02	1930.84	G5	-10-	ARVL	42999	20	1.6	26.2	4.2	58.78	G5	20
5	Mohanpur	03	1871.55	G7	17.3.15	ARVL	42663	20	1.7	33.4	4.3	53.14	G7	20
6	Baryemehary	03	1865.79	G5	"	ARVL	42664	20	1.5	26.2	3.9	58.52	G5	20
7	Dabar	03	1342.32	G3	"	ARVL	42665	19	1.6	20.3	4.3	64.42	G3	19
8	Mohanpur	04	2474.33	G7	19.3.15	ARVL	42672	38	1.6	33.8	3.9	54.08	G7	38
9	Baryemehary	04	1309.25	G5	"	ARVL	42673	19	1.5	26.2	3.9	59.40	G5	19
10	Chakravarthy	04	65.12	G7	"	ARVL	42674	01	1.7	33.1	4.0	54.01	G7	01
11	Mohanpur	05	1818.22	G7	20.3.15	ARVL	42677	27	1.8	35.2	4.2	51.76	G8	27
12	Baryemehary	05	1798.52	G5	"	ARVL	42678	27	1.5	21.1	3.9	60.34	G5	27
13	Mohanpur	06	2666.33	G7	21.3.15	ARVL	42679	39	1.7	33.4	4.1	53.61	G7	39
14	Dabar	06	1403.94	G3	"	ARVL	42680	20	1.4	20.0	3.9	65.20	G3	20
15	Mohanpur	07	2930.60	G7	23.3.15	ARVL	42685	38	1.6	33.5	4.2	53.42	G7	38
16	Dabar	07	1459.90	G3	"	ARVL	42686	20	1.4	20.2	3.9	65.43	G3	20

- C.C. to
- 1 General Manager (Q.C.), ECL
 - 2 Area Sales Manager, Salampur Area Area
 - 3 Manager, Colliery

Aravalli: Sign of the Consignee


Senior Chemist
 Borachak Coal Laboratory
 ECL Representative
 SALAMPUR AREA
 Date: 11/4/15

SUPERINTENDENCE COMPANY OF INDIA (PVT.) LTD.

H.O. & Regd. Office : 46C, Chovvinghee Road, Kolkata-700 071, Tele-Fax : (033) 2288-9015

Regional Office : Plot No. : Y-23, Block-EP, Sector-V, Salt Lake City, Kolkata-700 091, T : 2357-1422 / 4676 / 71 / 81, Fax : (033) 2357-4806

E-mail : superindkolkata@snl.net, Website : www.superintendence.com

RAKEWISE ANALYSIS RESULTS OF SAMPLES DRAWN BY THIRD PARTY DURING THE PERIOD OF March - 2015

LOADING END ANALYSIS REPORT FOR DISTRIBUTION

NAME OF COAL COMPANY :

Eastern Coalfields Ltd.

Consumer: Misk

AREA :

Kenda

ANALYSIS LABORATORY :

Kenda

Sl. No.	Name of siding/colliery/ loading point	Size and declared 3CV/Grade	Date of loading	No. of Wags.	Rake No.	Fairley receipt		Qty as per RL	Destination Purchaser	Sample collection date	TM %	Analysis result on equilibrated condition of 60% RH 40° C temp./GCV			
						F-note No.	Date					M%	Ash%	GCV	Grade
1.	Bahula	G-4	09-03-15	59	01	036090	09-03-15	3261.29	MISK	09-03-15	10.6	6.4	15.5	6168	G-4
2.	"	"	09-03-15	59	02	036091	09-03-15	3585.85	"	09-03-15	10.8	6.2	15.8	6159	G-4
3.	"	"	10-03-15	58	03	036092	10-03-15	3561.85	"	10-03-15	10.5	6.1	15.3	6195	G-4

1. Samples received for analysis were sealed and jointly signed at loading ends.
2. Proximate analysis has been done in accordance with BIS specification IS 1350 (Part-I), 1984 & IS : 1350 (Part-II), 1970 for determination of GCV.
3. Wagon's statement are enclosed.
4. For Road, Railways, Belt, Pipe line etc statement to be furnished separately.

Date 31.03.15

Signature of Rep.
NAME : Chandrasekar
NAME OF COAL CO. : Eastern Coalfields Ltd.

Signature of Rep.
NAME : Prakash
NAME OF PURCHASER / CONSUMER



- Distribution : Coal Company
1. Concerned Area S.M. KCI
 2. Office of the GM (CO), Coal Co.
 3. Office of Purchaser / Consumer

Signature of Rep.
NAME : Prakash
NAME OF 3rd PARTY
(SUPERINTENDENCE CO. OF INDIA (P) LTD.)

Approved!
3/9



K. C. Sharma & Co.

Head office: 16, Advance Apartment, Plot No. 15A
Ward - 12/C, Lhasah Nagar, Santhidham (Kanchi) 3rd 201
Tel: 02836-224300, Mod: 93752 58385, 94267 14511

Anrexure - IV

Aravali 4/9

REKEMISE ANALYSIS RESULTS OF SAMPLES DRAWN BY THIRD PARTY DURING THE PERIOD OF: March-15.
LOADING END ANALYSIS REPORT FOR DISTRIBUTION

NAME OF COAL COMPANY: Eastern Coalfield Ltd.

AREA: Kumustoria Consumer - MIGN

ANALYSIS LABORATORY: Kumustoria Lab.

Sl. No	Name of Siding/ Coll wrytl. Loading Point	Size and Declared GCV/Grade	Date of Loading	No. of Wgs.	Rate No	Railways Receipt		Qty. as Per RR	Destination Phil Consumer	Sample Collection Date	TVM	Analysis Result On Equilibrated Condition of 60% RH at 40°C Temp/GCV / ADB					F. Note No
						No	Date					M%	Ash%	GCV	Grade		
1.	Armit Nagar	5-4	29/5/15	10		162000207		698.20	MIGN	29/5/15	9.2	5.1	17.7	6142	6-4	032800	
2.	Makshirup	5-5	11	47		162000206		3230.40	"	"	9.0	4.9	20.1	5919	6-5	032801	

1. Sample received for analysis were sealed and jointly signed at loading ends.
2. Proximate analysis has been done in accordance with BIS specification IS: 1350 (Part - I), 1984 & IS : 1350 (Part - II), 1970 for determination of GCV.
3. Wagon's stationment are enclosed.
4. For Road, Roadway, Bell, Pipe Line etc. Stations it to be furnished Separately.

Distribution : Coal Company
Concerned Area SM (GCV)
Name of the GM (GCV) Coal Co.
Name of Purchaser / Consumer



Signature of Resp.
Name
Name of Coal Co.

ALLIED (INDIA) AUTHORIZED SIGNATORY
Signature of Resp.
Name
Name of Purchaser/ Consumer



K. C. Sharma & Co
Authorized Signature

SUPERINTENDENCE COMPANY OF INDIA (PVT.) LTD.

Approved: 5/3

H.O. & Regd. Office : 46C, Chowringhee Road, Kolkata-700 071, Tele-Fax : (033) 2286-5015
 Regional Office : Plot No. : Y-23, Block-E, Sector-V, Salt Lake City, Kolkata-700 091, e : 2357-1492 / 4670 / 77 / 81, Fax : (033) 2357-4806
 E-mail : supindukolkata@vsnl.net, Website : www.superintendence.com

March - 2015

RAKEWISE ANALYSIS RESULTS OF SAMPLES DRAWN BY THIRD PARTY DURING THE PERIOD OF LOADING END ANALYSIS REPORT FOR DISTRIBUTION

L COMPANY : Eastern Coalfield Ltd. Consumer :- M/GK AREA :- Koyere

LABORATORY : Laborsatory, Koyere Area

Sliding/cultery/ ring point	Sized and declared GCV/Grade	Date of loading	No. of Wgs.	Rake No.	Railway receipt		Qty as per RR	Destination Permissible	Sample collection date	TM %	Analysis result on equilibrated condition of 80% RH 40° C temp./GCV			
					F.N No.	Date					M%	Asst%	GCV	Grade
Scale Foot	G14	8-3-15	21	1A	0232222	8/3	1377.54	M/GK	8/3/15	10.3	6.2	15.5	6207	G14
maindarpn	G12	"	18	1B	020971	"	1143.73	"	"	10.5	6.6	9.5	6748	G12
2 Koyere	G13	"	20	1C	022977	"	1284.50	"	"	10.1	6.5	12.2	6483	G13

1. Samples received for analysis were sealed and jointly signed at loading ends.
2. Proximate analysis has been done in accordance with BIS specification IS 1350 (Part-I), 1984 & IS : 1350 (Part-II), 1970 for determination of GCV.
3. Major's statement are enclosed.
4. For Road, Rampway, Belt, Pige line etc statement to be furnished separately.

Signature of Repr

[Signature]

NAME :
NAME OF COAL CO.

CHIEF
KARNATAKA AREA
LABORATORY

Signature of Weig.

[Signature]

NAME :
NAME OF PURCHASER / CONSUMER



Signature of PRT



NAME : Subhakar
NAME OF 3rd PARTY
(SUPERINTENDENCE CO. OF INDIA (PVT.) LTD.)



KEDIA & COMPANY

108, N. S. B. Road, Raniganj - 713347, (West Bengal)

RAKEWISE ANALYSIS OF SAMPLES DRAWN BY THIRD PARTY DURING THE PERIOD OF: March 15

LOADING END ANALYSIS REPORT FOR DISTRIBUTION

NAME OF COAL COMPANY AREA: Mugma area

Company - Anaradi

Sl. No.	Name of Siding / Colliery / Loading Point	Sized and declared GCV/Grade	Date of Loading	No. of Wags.	Rake No.	Chakradhary Receipt		Qty. in per HR	Destination PHS Consumer	Sample Collection Date	TM %	Analysis result on equilibrium condition of 80% RH 40° C Temp. 40CV					Grade
						No.	Date					M/S	Ash %	GCV			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	18	
13	R.OCP	G7	6/3/15	7	3	37743	6.3.15	452.84	Anaradi	6.3.15	4.1	1.1	33.1	5287	G7		
14	CHGOCOP	G7	4	18	3	41013	4	1138.00	4	4	4.3	1.3	32.9	5317	G7		
15	B.OCP	G7	4	15	3	37759	4	964.90	4	4	4.0	1.0	33.0	5299	G7		
16	Kundan dubi	G5	4	10	3	30275	4	652.17	4	4	3.2	1.2	26.7	5930	G5		
17	harkidaha	G5	4	2	3	40597	4	128.51	4	4	3.3	1.3	26.6	5955	G5		
18	GOCP (Chakradhary)	G7	7/3/15	22	4	41014	7.3.15	1244.55	4	7.3.15	4.4	1.4	33.0	5314	G7		
19	Chakradhary	G5	4	10	4	41015	4	693.90	Anaradi	4	3.0	1.0	26.7	5942	G5		
20	B.OCP	G7	4	16	4	37760	4	1064.90	4	4	4.1	1.1	32.4	5321	G7		
1	R.OCP	G7	4	9	4	37744	4	599.51	4	4	4.0	1.0	32.9	5310	G7		
2	G.N.Pan	G5	4	4	4	41078	4	244.08	4	4	3.2	1.2	26.8	5933	G5		
3	B.OCP	G7	8/3/15	13	5	37761	8.3.15	874.03	4	8.3.15	4.0	1.2	32.2	5271	G7		
4	Chakradhary	G7	4	16	5	41016	4	992.81	4	4	4.5	1.4	34.4	4992	G8		

Samples received for analysis were sealed and jointly signed at loading ends.

Proximate analysis has been done in accordance with BIS specification IS 1353 (Part - II, 1984 & IS : 1350 (Part - II), 1970 for determination of GCV.

Wagons statement are enclosed.

For Road, Ropeway belt, Pipe line etc. statement to be furnished separately.

to: M/1915

Signature of Rep. [Signature]
Name: S. Sanyal Muger
Name of Coal Company: ECCL (M/T)

Signature of Rep. [Signature]
Name: [Name]
Name of Purchaser / Consumer: [Name]

Signature of Rep. [Signature]
Name: [Name]
Name of 3rd Party: Kedia & Company

Signature of Rep. [Signature]
Name: [Name]
Name of 3rd Party: Kedia & Company

attribution : Coal Company 1. Concerned Area SM (QC), 2. Office of the GM (QC) Coal Co., 3. Office of the Purchaser / Consumer

Anaradi

7/9



KEDIA & COMPANY

108, N. S. B. Road, Raniganj - 713347, (West Bengal)
RAKEWISE ANALYSIS OF SAMPLES DRAWN BY THIRD PARTY DURING THE PERIOD OF: March 15
LOADING END ANALYSIS REPORT FOR DISTRIBUTION

Aravali

8/3

NAME OF COAL COMPANY AREA: Mugma Area
ANALYSIS LABORATORY: Mugma area lab

Sample: Aravali

Sl. No.	Name of Siding / Colliery / Loading Point	Sized and declared GCV/Gross	Date of Loading	No. of Wags	Rake No.	Chit Receipt		Qty as per R/R	Destination PHS Consumer	Sample Collected Date	TM %	Analysis result on equilibrated condition of 60% RH 40° C Temp AGCV			Grade
						No.	Date					M %	Ash %	GCV	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
25	Gopinabhpur	Q5	8.3.15	Q6	5	41079	8.3.15	357.47	Aravali	8.3.15	3.2	1.3	26.9	5938	Q5
26	Hauzardama	Q5	4	Q8	5	18777	4	497.91	4	4	3.0	1.2	26.8	5926	Q5
27	L Madra	Q5	4	Q7	5	40598	4	444.20	4	4	2.5	1.2	26.6	5943	Q5
28	R-DEP	Q7	4	Q7	5	37745	4	449.62	4	4	4.0	1.1	33.0	5301	Q7
29	DEP (Chabab)	Q7	27.3.15	27	6	41044	27.3.15	1642.25	4	27.3.15	3.5	1.4	33.2	5282	Q7
30	Badina	Q6	4	6	6	30043	4	378.67	4	4	3.8	1.4	28.5	5641	Q6
31	Sky-B	Q5	4	5	6	37854	4	324.38	Aravali	4	2.8	1.2	27.0	5915	Q5
32	Kudon dabi	Q5	4	3	6	30279	4	199.78	6	4	3.0	1.3	26.6	5932	Q5
33	G-N-Pur	Q5	4	11	6	41699	4	670.40	6	4	3.1	1.4	26.8	5940	Q5
34	R-DEP	Q7	4	7	6	37813	4	448.28	6	4	4.0	1.1	34.5	4990	Q5
35	Kaparna	Q5	28.3.15	4	7	37588	28.3.15	268.48	4	28.3.15	3.4	1.3	26.8	5939	Q5
36	DEP (Chabab)	Q7	4	28	7	41045	4	177.91	4	4	3.0	1.4	33.2	5278	Q7

1. Samples received for analysis were sealed and jointly signed at loading ends.
2. Pre-analytical analysis has been done in accordance with BIS specification IS 1350 (Part - I), 1984 & IS : 1350 (Part - II), 1970 for determination of GCV.
3. Weigher statement are enclosed.
4. For Road, Ropeway belt, Pipe line etc. statement to be furnished separately.

Date: 11/3/15

Signature of Rep. [Signature]
Name: [Name]
Name of Coal Company: [Name]

Signature of Rep. [Signature]
Name: [Name]
Name of Purchaser / Consumer: [Name]

Signature of Rep. [Signature]
Name: [Name]
Name of 3rd Party: [Name]



Distribution : Coal Company : Concerned Area SM (CC), 2. Office of the GM (CC) Coal Co., 3. Office of the Purchaser / Consumer



RAKEWISE ANALYSIS OF SAMPLES DRAWN BY THIRD PARTY DURING THE PERIOD OF
LOADING END ANALYSIS REPORT FOR DISTRIBUTION

108, N. S. B. Road, Raniganj - 713347, (West Bengal)

Aravali

3/3

KEDIA & COMPANY

NAME OF COAL COMPANY/AREA: *Murgur Area*
ANALYSIS LABORATORY: *Murgur Area Laboratory*

Consumer: Aravali

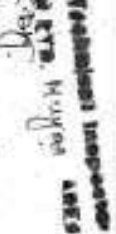
Sl. No.	Name of Sling / Colliery / Loading Point	Said and declared GCV/Grade	Date of Loading	No. of Wags	Rate No.	Whistle Receipt		Qty. as per RR	Destination PHs Consumer	Sample Collection Date	TM %	Analysis result on equilibrated condition of 60% RH 40° C Temp./GCV			Grade
						No.	Date					M %	Ash %	GCV	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
37	R.O.P	G77	28.3.15	08	7	37814	28.3.15	543.83	Aravali	28.3.15	4.2	11.6	32.6	5301	G77
38	Gopibhabhurn	G75	4	08	7	37900	4	531.72	4	4	3.9	14.1	26.3	5935	G75
39	Sky-B	G75	4	03	7	37850	4	206.26	4	4	3.4	1.3	26.4	5915	G75
40	R.O.P.	G77	4	07	7	37779	4	491.05	4	4	4.5	1.1	34.5	5105	G77
41	R.O.P (Chapra)	G77	28.3.15	25	8	41046	28.3.15	1688.37	4	4	4.1	11.4	33.0	5288	G77
42	Hauran	G75	4	07	8	18780	4	429.25	Aravali	28.3.15	3.0	11.2	26.2	5942	G75
43	R.O.P	G77	4	08	8	37815	4	530.52	4	4	4.3	1.1	33.0	5282	G77
44	R.N.Pun	G75	4	08	8	37901	4	523.76	4	4	3.2	11.4	26.3	5932	G75
45	R.O.P	G77	4	04	8	37780	4	257.83	4	4	4.2	11.0	33.0	5270	G77
46	Chapra	G75	4	5	8	41047	4	321.88	4	4	3.4	11.5	26.2	5925	G75

1. Samples received for analysis were sealed and jointly signed at loading ends.
2. Proximate analysis has been done in accordance with BIS specification IS 1350 (Part - 0, 1984 & IS : 1350 (Part - II), 1970 for determination of GCV.
3. Wagon statement are enclosed.
4. For Road, frequency belt, pipe line etc. statement to be furnished separately.

Date: 11/4/15
Signature of Rep: *[Signature]*
Name: *[Name]*
Name of Coal Company: *[Name]*

Signature of Rep: *[Signature]*
Name: *[Name]*
Name of Purchaser / Consumer: *[Name]*

Signature of Rep: *[Signature]*
Name: *[Name]*
Name of 3rd Party: *[Name]*



District: Coal Company 1, Concerned Area SM (CC), Z. Office of the GM (CC) Coal Co., 3 Office of the Purchaser / Consumer