

82°38'0"E

82°38'30"E

24°12'0"N

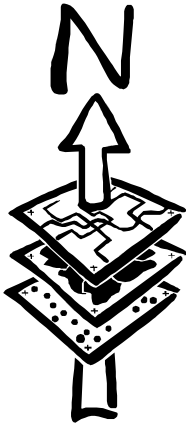
24°12'0"N

24°11'30"N

24°11'30"N

24°11'0"N

24°11'0"N



Alternate Route R-3

Proposed Route R-1

Alternate Route R-2

R2_Cardinal_points

Point_Id	Latitude	Longitude
R2_1	24° 11' 11.030" N	82° 38' 3.088" E
R2_2	24° 11' 11.316" N	82° 38' 2.562" E
R2_3	24° 11' 11.654" N	82° 38' 2.050" E
R2_4	24° 11' 59.182" N	82° 38' 38.819" E
R2_5	24° 11' 59.249" N	82° 38' 38.882" E
R2_6	24° 11' 58.842" N	82° 38' 39.336" E
R2_7	24° 11' 58.472" N	82° 38' 39.792" E

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R_3_Cardinal_points

Point_Id	Latitude	Longitude
R3_1	24° 11' 13.423" N	82° 38' 1.904" E
R3_2	24° 11' 15.079" N	82° 38' 1.889" E
R3_3	24° 11' 16.175" N	82° 38' 1.836" E
R3_4	24° 11' 17.814" N	82° 38' 1.783" E
R3_5	24° 11' 18.885" N	82° 38' 1.772" E
R3_6	24° 11' 21.040" N	82° 38' 1.542" E
R3_7	24° 11' 21.064" N	82° 38' 1.540" E
R3_8	24° 11' 21.247" N	82° 38' 1.527" E
R3_9	24° 11' 25.326" N	82° 38' 1.235" E
R3_10	24° 11' 26.015" N	82° 38' 1.189" E
R3_11	24° 11' 30.129" N	82° 38' 0.914" E
R3_12	24° 11' 30.554" N	82° 38' 0.891" E
R3_13	24° 11' 31.700" N	82° 38' 0.751" E
R3_14	24° 11' 31.727" N	82° 38' 0.749" E
R3_15	24° 11' 33.344" N	82° 38' 0.668" E
R3_16	24° 11' 34.936" N	82° 38' 0.452" E
R3_17	24° 11' 34.988" N	82° 38' 0.447" E
R3_18	24° 11' 36.550" N	82° 38' 0.305" E
R3_19	24° 11' 37.555" N	82° 38' 0.223" E
R3_20	24° 11' 37.608" N	82° 38' 0.217" E
R3_21	24° 11' 38.191" N	82° 38' 0.178" E
R3_22	24° 11' 38.285" N	82° 38' 0.189" E
R3_23	24° 11' 38.378" N	82° 38' 0.199" E
R3_24	24° 11' 38.467" N	82° 38' 0.235" E
R3_25	24° 11' 40.095" N	82° 38' 1.066" E
R3_26	24° 11' 40.144" N	82° 38' 1.094" E
R3_27	24° 11' 40.178" N	82° 38' 1.120" E
R3_28	24° 11' 59.290" N	82° 38' 1.161" E
R3_29	24° 11' 59.325" N	82° 38' 1.169" E
R3_30	24° 11' 59.412" N	82° 38' 1.193" E
R3_31	24° 11' 59.495" N	82° 38' 1.232" E

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Point_Id	Latitude	Longitude
R3_32	24° 11' 59.571" N	82° 38' 1.284" E
R3_33	24° 11' 59.639" N	82° 38' 1.348" E
R3_34	24° 11' 59.696" N	82° 38' 1.424" E
R3_35	24° 11' 59.742" N	82° 38' 1.508" E
R3_36	24° 11' 59.775" N	82° 38' 1.599" E
R3_37	24° 11' 59.795" N	82° 38' 1.695" E
R3_38	24° 11' 59.800" N	82° 38' 1.703" E
R3_39	24° 11' 59.888" N	82° 38' 32.161" E
R3_40	24° 11' 59.997" N	82° 38' 32.258" E
R3_41	24° 11' 59.115" N	82° 38' 33.915" E
R3_42	24° 11' 59.160" N	82° 38' 35.209" E
R3_43	24° 11' 59.161" N	82° 38' 35.228" E
R3_44	24° 11' 59.169" N	82° 38' 36.466" E
R3_45	24° 11' 59.193" N	82° 38' 37.081" E
R3_46	24° 11' 59.219" N	82° 38' 37.770" E
R3_47	24° 11' 59.306" N	82° 38' 38.713" E
R3_48	24° 11' 59.368" N	82° 38' 39.041" E
R3_49	24° 11' 59.408" N	82° 38' 39.139" E
R3_50	24° 11' 59.425" N	82° 38' 39.219" E
R3_51	24° 11' 59.423" N	82° 38' 39.220" E
R3_52	24° 11' 58.844" N	82° 38' 39.340" E
R3_53	24° 11' 58.285" N	82° 38' 39.453" E
R3_54	24° 11' 58.285" N	82° 38' 39.453" E
R3_55	24° 11' 58.186" N	82° 38' 38.934" E
R3_56	24° 11' 58.182" N	82° 38' 38.908" E
R3_57	24° 11' 58.177" N	82° 38' 38.870" E
R3_58	24° 11' 58.085" N	82° 38' 37.882" E
R3_59	24° 11' 58.083" N	82° 38' 37.845" E
R3_60	24° 11' 58.056" N	82° 38' 37.133" E
R3_61	24° 11' 58.032" N	82° 38' 36.507" E
R3_62	24° 11' 58.032" N	82° 38' 36.486" E
R3_63	24° 11' 58.023" N	82° 38' 35.246" E
R3_64	24° 11' 57.978" N	82° 38' 33.954" E
R3_65	24° 11' 57.978" N	82° 38' 33.938" E

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Point_Id	Latitude	Longitude
R3_66	24° 11' 57.960" N	82° 38' 32.340" E
R3_67	24° 11' 57.956" N	82° 38' 32.324" E
R3_68	24° 11' 57.949" N	82° 38' 32.211" E
R3_69	24° 11' 58.648" N	82° 38' 2.400" E
R3_70	24° 11' 39.948" N	82° 38' 2.360" E
R3_71	24° 11' 39.857" N	82° 38' 2.351" E
R3_72	24° 11' 39.768" N	82° 38' 2.327" E
R3_73	24° 11' 39.684" N	82° 38' 2.287" E
R3_74	24° 11' 39.607" N	82° 38' 2.233" E
R3_75	24° 11' 39.539" N	82° 38' 2.166" E
R3_76	24° 11' 39.515" N	82° 38' 2.159" E
R3_77	24° 11' 38.116" N	82° 38' 1.425" E
R3_78	24° 11' 37.705" N	82° 38' 1.453" E
R3_79	24° 11' 36.691" N	82° 38' 1.627" E
R3_80	24° 11' 36.620" N	82° 38' 1.634" E
R3_81	24° 11' 35.050" N	82° 38' 1.680" E
R3_82	24° 11' 33.462" N	82° 38' 1.902" E
R3_83	24° 11' 33.418" N	82° 38' 1.906" E
R3_84	24° 11' 31.794" N	82° 38' 1.987" E
R3_85	24° 11' 30.462" N	82° 38' 2.125" E
R3_86	24° 11' 30.227" N	82° 38' 2.149" E
R3_87	24° 11' 30.209" N	82° 38' 2.151" E
R3_88	24° 11' 26.085" N	82° 38' 2.427" E
R3_89	24° 11' 25.398" N	82° 38' 2.473" E
R3_90	24° 11' 21.321" N	82° 38' 2.765" E
R3_91	24° 11' 21.148" N	82° 38' 2.777" E
R3_92	24° 11' 18.971" N	82° 38' 3.009" E
R3_93	24° 11' 18.921" N	82° 38' 3.012" E
R3_94	24° 11' 17.836" N	82° 38' 3.023" E
R3_95	24° 11' 16.217" N	82° 38' 3.075" E
R3_96	24° 11' 15.119" N	82° 38' 3.128" E
R3_97	24° 11' 15.099" N	82° 38' 3.129" E
R3_98	24° 11' 13.436" N	82° 38' 3.144" E
R3_99	24° 11' 11.424" N	82° 38' 3.177" E

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Point_Id	Latitude	Longitude
R3_100	24° 11' 11.336" N	82° 38' 3.187" E
R3_101	24° 11' 11.335" N	82° 38' 3.170" E
R3_102	24° 11' 11.326" N	82° 38' 2.563" E
R3_103	24° 11' 11.312" N	82° 38' 1.938" E
R3_104	24° 11' 13.423" N	82° 38' 1.904" E

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Legend

- R_3_Cardinal_points
- R2_Cardinal_points

R1_R2_R3_Combined

Desc_

- Proposed Route R-1
- Alternate Route R-2
- Alternate Route R-3

0 50 100 200 300 400 Meters

Note: Georeferenced Map has been prepared from data provided by Jayant Project.

82°38'0"E

82°38'30"E

Customer : Northern Coalfields Limited

SUBJECT: Georeferenced map of aternate routes for
Coal Transportation from Jayant to Morwa Siding.



cmpdi
A Mini Ratna Company

AN ISO-9001 CERTIFIED COMPANY

PREPARED : SAURABH SINGH, MANAGER (GEOLOGY)

CHECKED : HOD(EXPL.)

APPROVED :

SCALE: 1:5,000