

Appendix B – Rock Logs

Project: Tenas Coal Project
 Client: Allegiance Coal Ltd.
 Hole ID: T18-01D
 Max Depth: 78.7 m

Location: Telkwa, BC
 Project No.: 2CT025.002
 Contractor: Driftwood
 Logged By: EC

Drillhole Type: Diamond - PQ
 Date Completed: 01/30/2018
 Coordinates: E 617841 m, N 6050689 m,
 Elevation: 958 m

Definitions

FF/m: Fracture Frequency per metre
 TCR: Total Core Recovery
 RQD: Rock Quality Designation

PLT: Point Load Test (MPa)
 UCS: Uniaxial Compressive Strength (MPa)
 JCR: Joint Condition Rating

Notes:

Lithology provided by Telkwa.

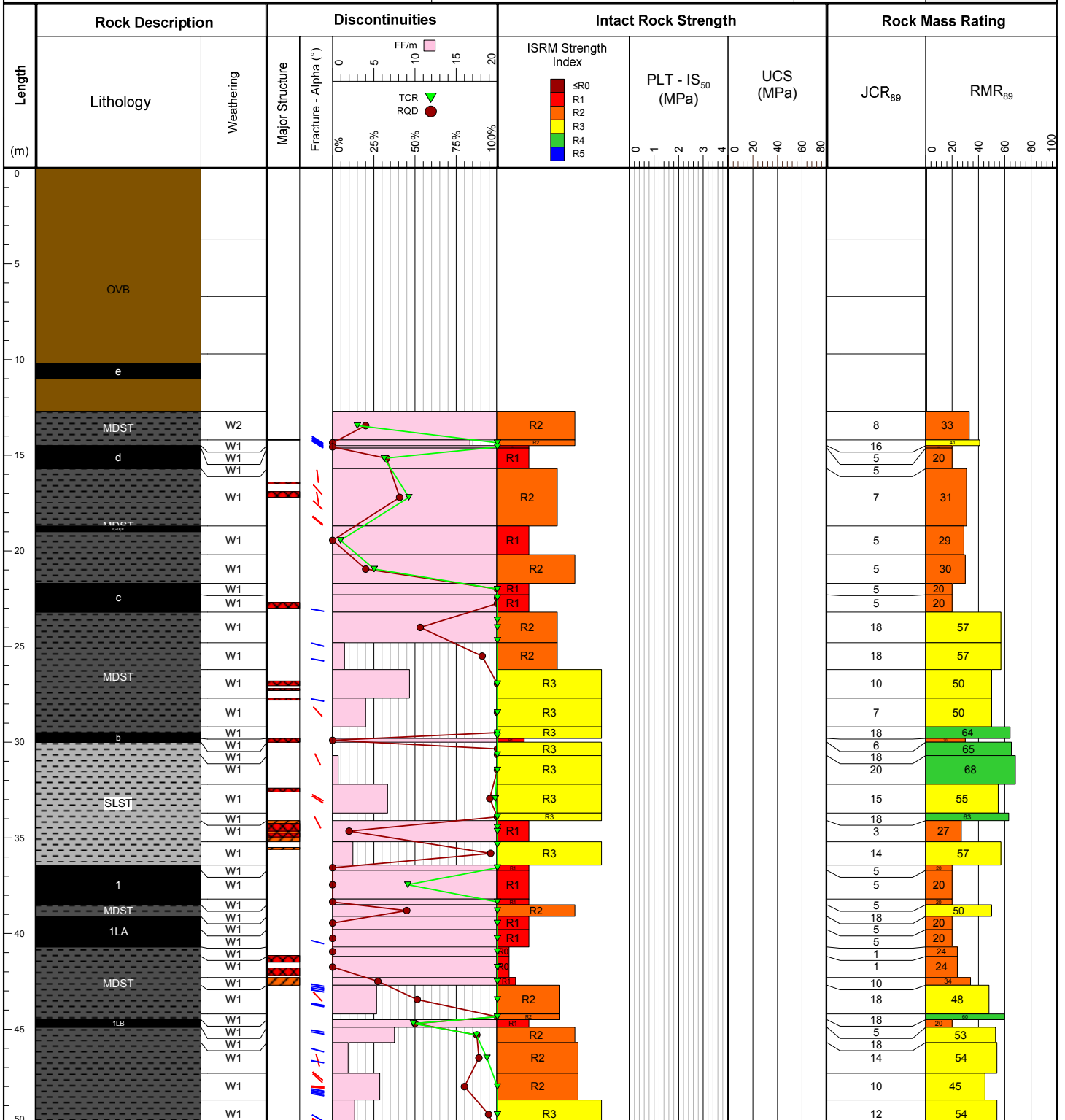
Datum: UTM NAD83, Zone 9 North. Coordinates and elevation surveyed after completion of program and provided by Telkwa. Values rounded to nearest metre.

Major Structures

 RUBBLE
 BROKEN

ROCK MASS RATING (RMR₈₉)

 0 - 20  60 - 80
 20 - 40  80 - 100
 40 - 60



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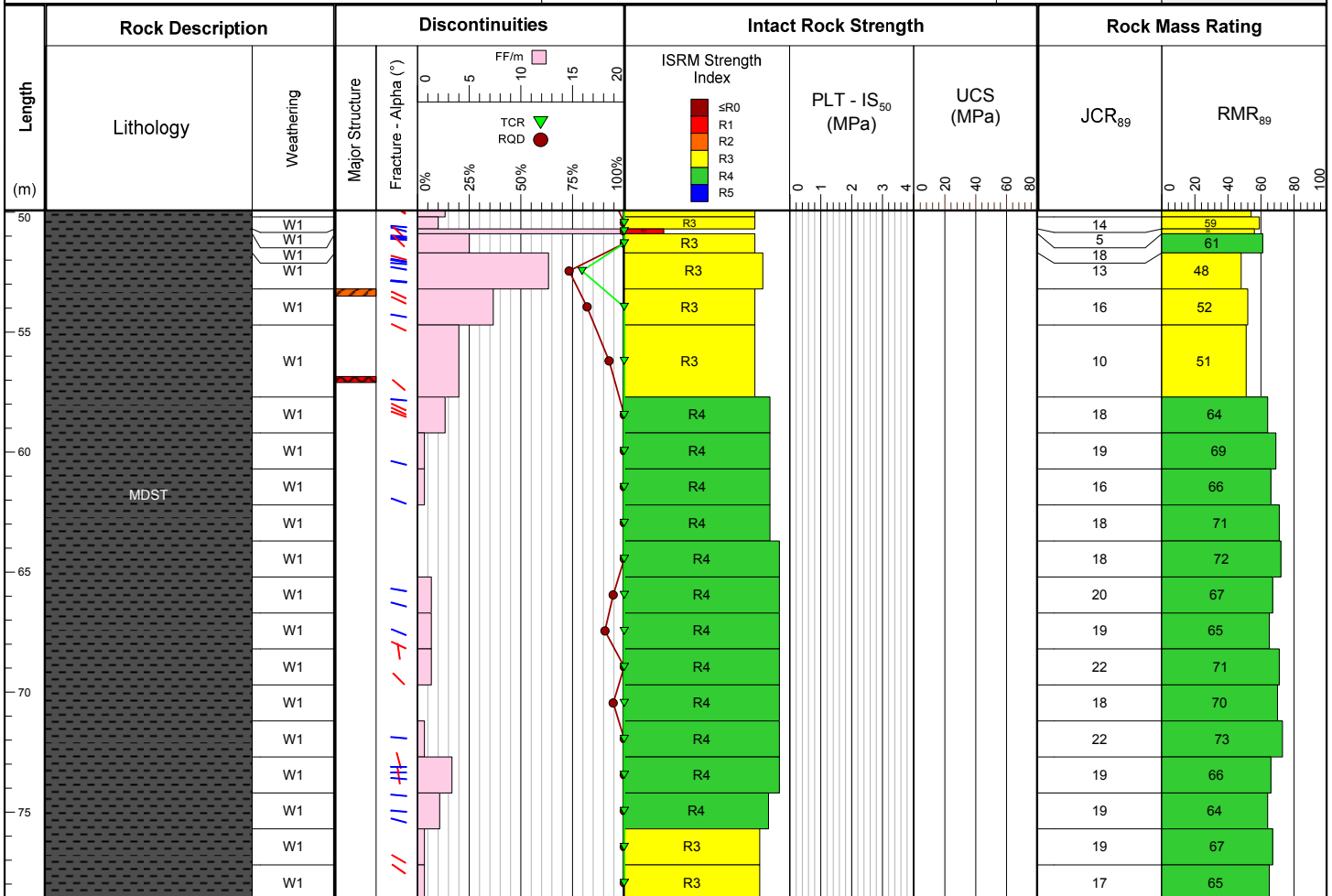
Datum: UTM NAD83, Zone 9 North. Coordinates and elevation surveyed after completion of program and provided by Telkwa. Values rounded to nearest metre.

Major Structures

 RUBBLE
 BROKEN

ROCK MASS RATING (RMR₈₉)

 0 - 20
 20 - 40
 40 - 60
 60 - 80
 80 - 100



Project: Tenas Coal Project
 Client: Allegiance Coal Ltd.
 Hole ID: T18-02D
 Max Depth: 124.8 m

Location: Telkwa, BC
 Project No.: 2CT025.002
 Contractor: Driftwood
 Logged By: EC

Drillhole Type: Diamond - PQ
 Date Completed: 02/7/2018
 Coordinates: E 618412 m, N 6050732 m,
 Elevation: 928 m

Definitions

FF/m: Fracture Frequency per metre
 TCR: Total Core Recovery
 RQD: Rock Quality Designation

PLT: Point Load Test (MPa)
 UCS: Uniaxial Compressive Strength (MPa)
 JCR: Joint Condition Rating

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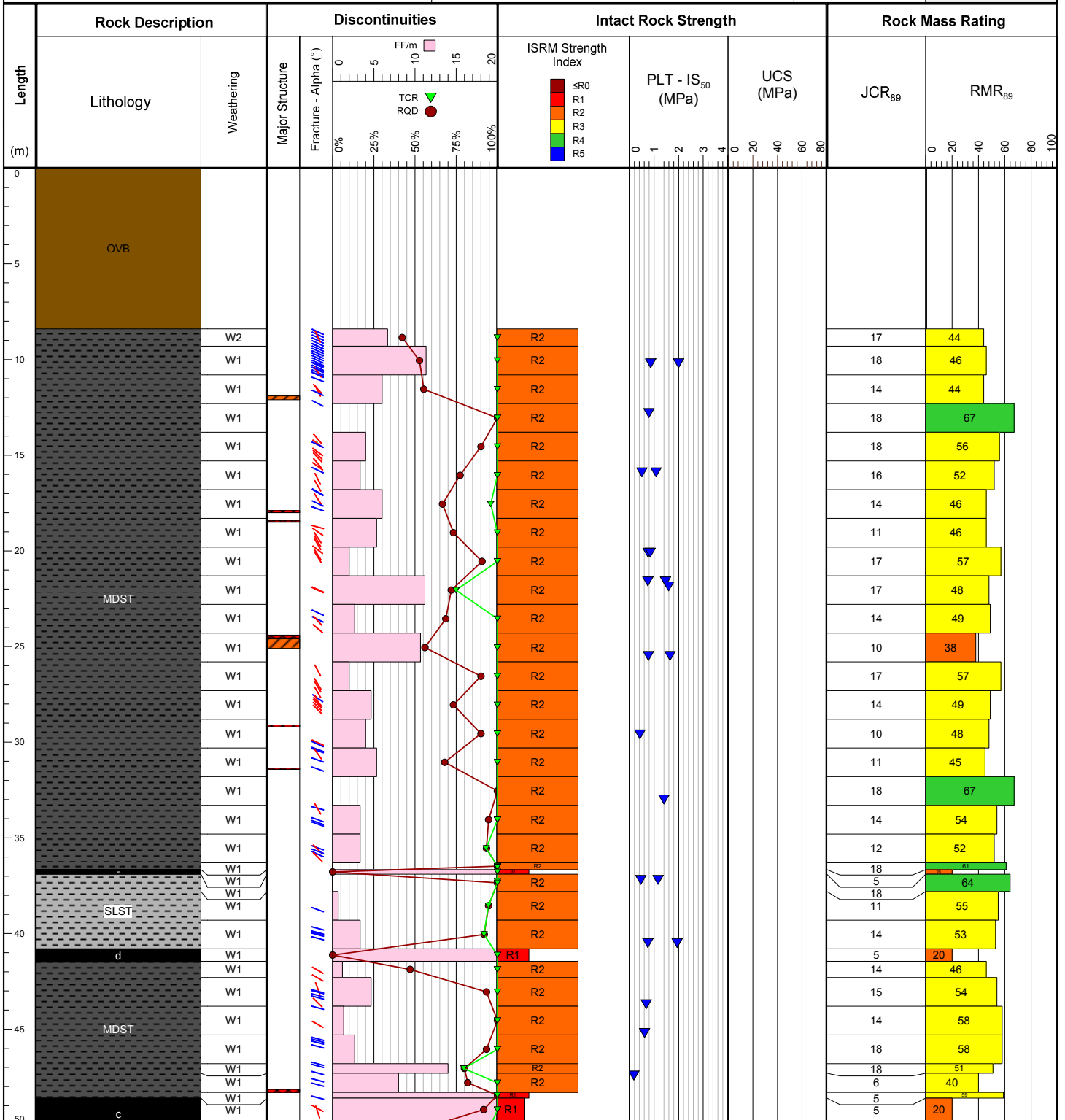
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Major Structures

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ROCK MASS RATING (RMR₈₉)

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Max Depth: 124.8 m

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Contractor: Driftwood
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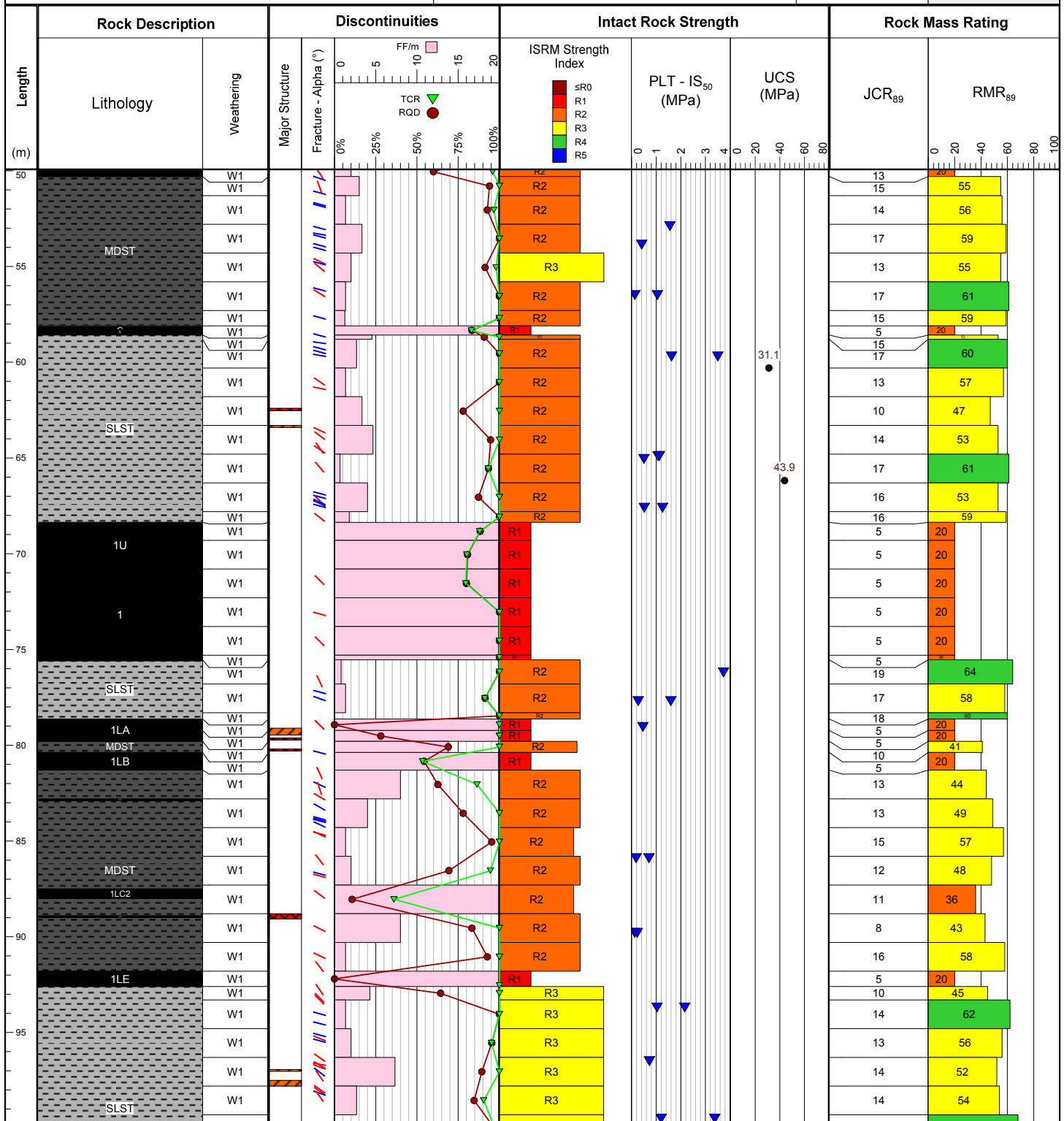
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Major Structures

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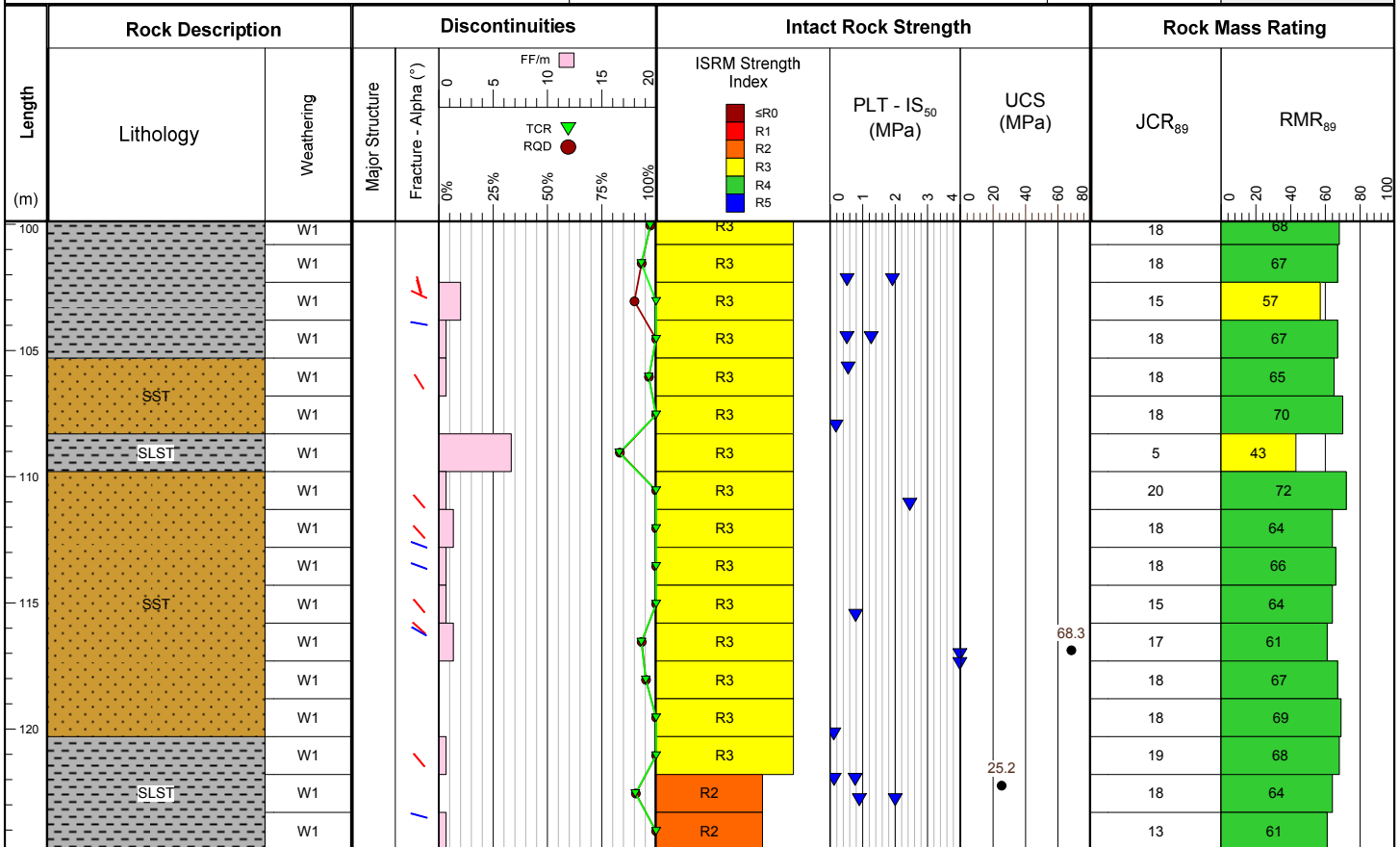
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Major Structures

 RUBBLE
 BROKEN

ROCK MASS RATING (RMR₈₉)

 0 - 20
 20 - 40
 40 - 60
 60 - 80
 80 - 100



Project: Tenas Coal Project
Client: Allegiance Coal Ltd.
Hole ID: T18-05D
Max Depth: 180.0 m

Location: Telkwa, BC
Project No.: 2CT025.002
Contractor: Driftwood
Logged By: EC

Drillhole Type: Diamond - PQ
Date Completed: 02/11/2018
Coordinates: E 617988 m, N 6051733 m,
Elevation: 893 m

Definitions

FF/m: Fracture Frequency per metre
TCR: Total Core Recovery
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PLT: Point Load Test (MPa)
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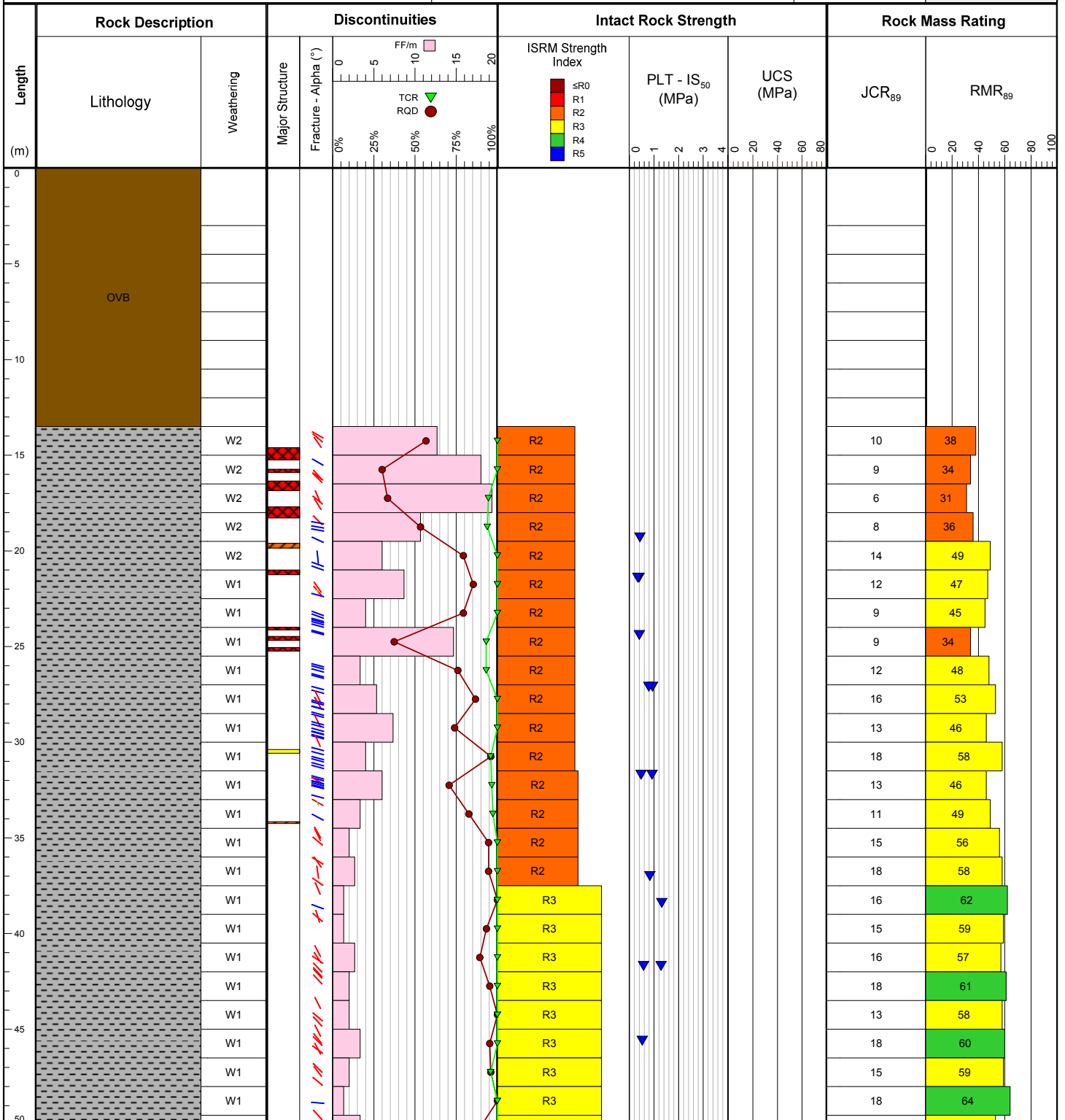
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Major Structures

RUBBLE
BROKEN
SOLID

ROCK MASS RATING (RMR₈₉)

0 - 20
20 - 40
40 - 60
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80 - 100



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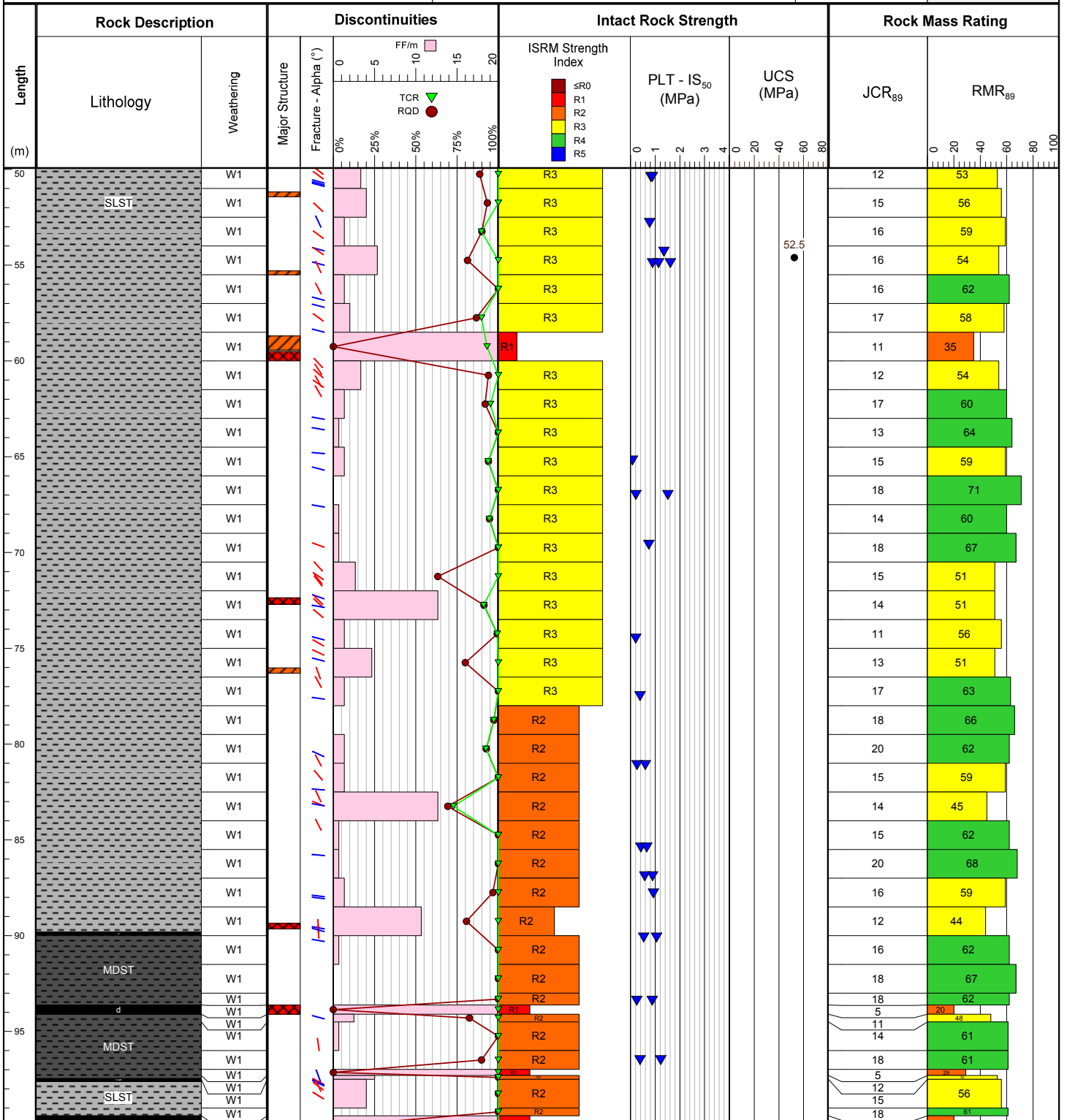
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Major Structures

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20 - 40
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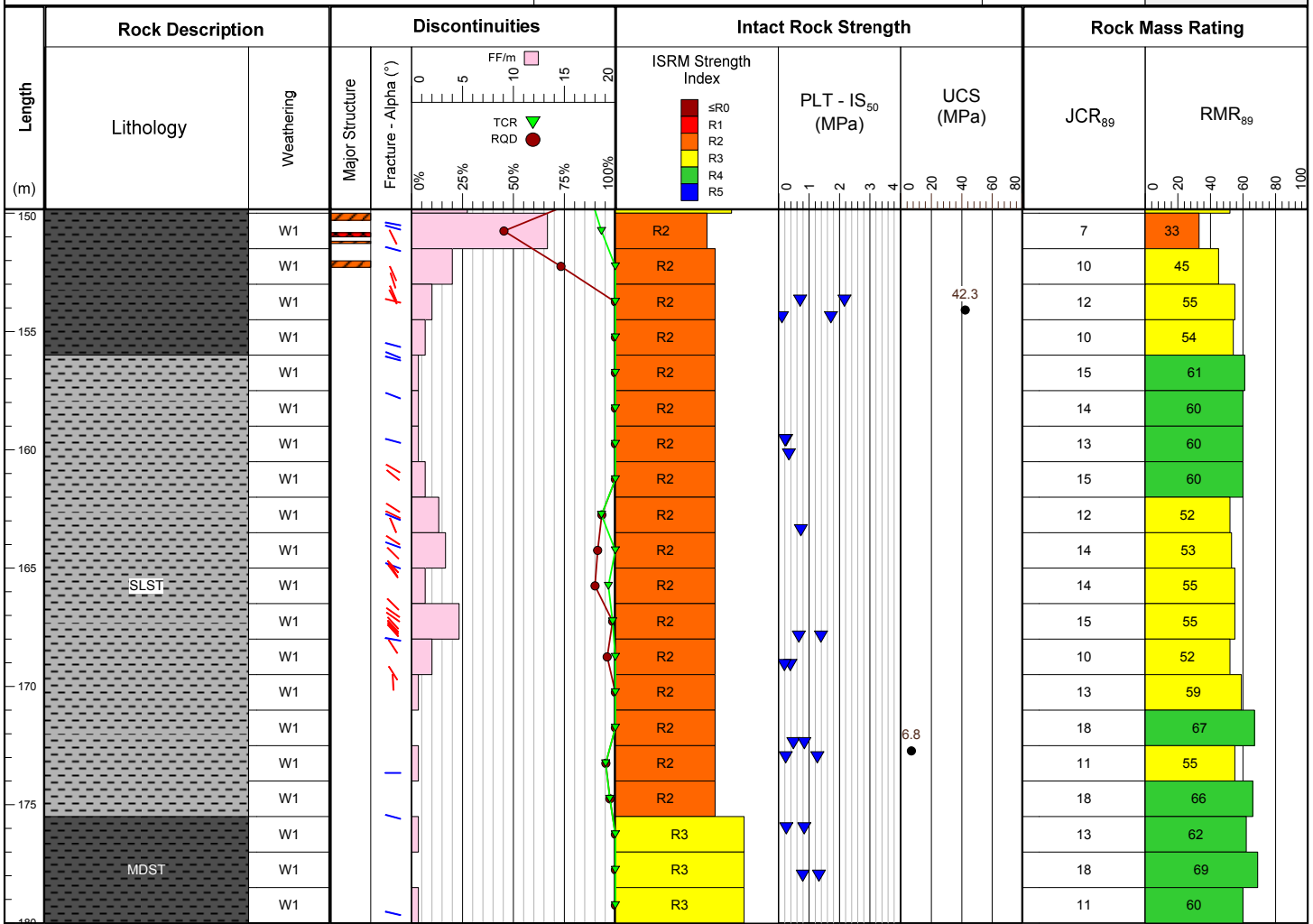
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Major Structures

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ROCK MASS RATING (RMR₈₉)

 0 - 20
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Appendix C – Point Load Testing

Drillhole	Depth	Test Type	IS(50) (mPa)	Failure Type
T18-02D	10.2	Diametral	0.86	T2
T18-02D	10.2	Axial	2.00	T1
T18-02D	12.8	Diametral	0.79	T2
T18-02D	15.9	Diametral	0.51	T2
T18-02D	15.9	Axial	1.08	T1
T18-02D	20.1	Diametral	0.76	T2
T18-02D	20.1	Axial	0.84	T1
T18-02D	21.6	Diametral	0.75	T2
T18-02D	21.6	Axial	1.47	T1
T18-02D	21.9	Axial	1.59	T1
T18-02D	25.5	Diametral	0.77	T2
T18-02D	25.5	Axial	1.65	T1
T18-02D	29.6	Diametral	0.43	T1
T18-02D	33.0	Diametral	1.40	T2
T18-02D	37.2	Diametral	0.46	T2
T18-02D	37.2	Axial	1.16	T1
T18-02D	40.5	Diametral	0.75	T2
T18-02D	40.5	Axial	1.94	T1
T18-02D	43.7	Diametral	0.68	T2
T18-02D	45.2	Diametral	0.62	T2
T18-02D	47.4	Diametral	0.18	T2
T18-02D	52.9	Diametral	1.56	T1
T18-02D	53.9	Diametral	0.41	T2
T18-02D	56.5	Diametral	0.13	T2
T18-02D	56.5	Axial	1.05	T1
T18-02D	59.7	Diametral	1.62	T1
T18-02D	59.7	Axial	3.51	T1
T18-02D	64.9	Diametral	1.07	T2
T18-02D	64.9	Axial	1.13	T1
T18-02D	65.1	Axial	0.50	T2
T18-02D	67.6	Diametral	0.51	T2
T18-02D	67.6	Axial	1.25	T1
T18-02D	76.2	Diametral	3.74	T5
T18-02D	77.7	Diametral	0.27	T2
T18-02D	77.7	Axial	1.59	T1
T18-02D	79.1	Axial	0.46	T2
T18-02D	85.9	Diametral	0.18	T2
T18-02D	85.9	Axial	0.71	T2
T18-02D	89.8	Diametral	0.12	T1
T18-02D	89.8	Axial	0.23	T1
T18-02D	93.7	Diametral	1.03	T2
T18-02D	93.7	Axial	2.16	T1
T18-02D	96.5	Axial	0.72	T2
T18-02D	99.5	Diametral	1.20	T1
T18-02D	99.5	Axial	3.38	T1

Drillhole	Depth	Test Type	IS(50) (mPa)	Failure Type
T18-02D	102.2	Diametral	0.52	T2
T18-02D	102.2	Axial	1.92	T1
T18-02D	104.5	Diametral	0.51	T2
T18-02D	104.5	Axial	1.26	T1
T18-02D	105.7	Diametral	0.55	T2
T18-02D	108.0	Diametral	0.17	T2
T18-02D	111.1	Diametral	2.46	T1
T18-02D	115.5	Diametral	0.78	T2
T18-02D	117.2	Diametral	4.29	T5
T18-02D	120.2	Diametral	0.11	T2
T18-02D	122.0	Diametral	0.12	T2
T18-02D	122.0	Axial	0.76	T1
T18-02D	122.8	Diametral	2.00	T1
T18-02D	122.8	Axial	0.89	T1
T18-05D	19.3	Diametral	0.42	T2
T18-05D	21.4	Diametral	0.39	T1
T18-05D	21.4	Axial	0.34	T1
T18-05D	24.4	Diametral	0.40	T2
T18-05D	27.1	Diametral	0.94	T2
T18-05D	27.1	Axial	0.79	T1
T18-05D	31.7	Diametral	0.47	T2
T18-05D	31.7	Axial	0.92	T1
T18-05D	37.0	Diametral	0.83	T1
T18-05D	38.4	Diametral	1.32	T1
T18-05D	41.7	Diametral	0.57	T1
T18-05D	41.7	Axial	1.29	T1
T18-05D	45.6	Diametral	0.52	T1
T18-05D	50.4	Diametral	0.82	T1
T18-05D	50.4	Axial	0.88	T1
T18-05D	52.8	Diametral	0.77	T1
T18-05D	54.3	Axial	1.35	T1
T18-05D	54.9	Diametral	0.89	T1
T18-05D	54.9	Axial	1.61	T1
T18-05D	54.9	Axial	1.13	T1
T18-05D	65.2	Diametral	0.07	T1
T18-05D	67.0	Diametral	0.21	T2
T18-05D	67.0	Axial	1.51	T1
T18-05D	69.6	Axial	0.74	T1
T18-05D	74.5	Diametral	0.21	T2
T18-05D	77.5	Diametral	0.38	T1
T18-05D	81.1	Diametral	0.26	T1
T18-05D	81.1	Axial	0.59	T1
T18-05D	85.4	Diametral	0.42	T2
T18-05D	85.4	Axial	0.65	T1
T18-05D	86.9	Diametral	0.89	T1

Drillhole	Depth	Test Type	IS(50) (mPa)	Failure Type
T18-05D	86.9	Axial	0.57	T1
T18-05D	87.8	Diametral	0.92	T2
T18-05D	90.1	Diametral	0.53	T1
T18-05D	90.1	Axial	1.05	T1
T18-05D	93.4	Diametral	0.25	T2
T18-05D	93.4	Axial	0.88	T1
T18-05D	96.5	Diametral	0.38	T1
T18-05D	96.5	Axial	1.22	T1
T18-05D	102.4	Diametral	0.22	T1
T18-05D	102.4	Axial	0.23	T2
T18-05D	105.7	Diametral	0.89	T2
T18-05D	107.9	Diametral	0.23	T1
T18-05D	107.9	Axial	1.17	T1
T18-05D	112.4	Diametral	0.39	T1
T18-05D	112.4	Axial	1.36	T1
T18-05D	112.4	Axial	1.26	T1
T18-05D	114.1	Diametral	0.24	T2
T18-05D	114.1	Axial	1.45	T1
T18-05D	118.2	Diametral	0.08	T2
T18-05D	118.2	Axial	0.13	T1
T18-05D	127.2	Diametral	0.39	T2
T18-05D	127.2	Axial	0.96	T1
T18-05D	128.0	Diametral	0.54	T2
T18-05D	128.0	Axial	1.33	T1
T18-05D	130.6	Diametral	0.51	T2
T18-05D	130.6	Axial	0.05	T1
T18-05D	134.5	Diametral	0.37	T1
T18-05D	137.3	Axial	0.48	T2
T18-05D	137.3	Axial	0.84	T1
T18-05D	138.6	Diametral	0.79	T2
T18-05D	138.6	Axial	1.64	T1
T18-05D	145.4	Diametral	0.31	T2
T18-05D	147.1	Diametral	0.30	T2
T18-05D	148.4	Diametral	0.95	T2
T18-05D	153.7	Diametral	0.70	T2
T18-05D	153.7	Axial	2.16	T1
T18-05D	154.4	Diametral	0.11	T2
T18-05D	154.4	Axial	1.72	T1
T18-05D	159.6	Diametral	0.24	T1
T18-05D	159.6	Axial	0.21	T1
T18-05D	160.2	Diametral	0.34	T1
T18-05D	163.4	Diametral	0.73	T1
T18-05D	167.9	Diametral	0.66	T2
T18-05D	167.9	Axial	1.39	T1
T18-05D	169.1	Diametral	0.38	T1

Drillhole	Depth	Test Type	IS(50) (mPa)	Failure Type
T18-05D	169.1	Axial	0.19	T1
T18-05D	172.4	Diametral	0.48	T1
T18-05D	172.4	Axial	0.84	T1
T18-05D	173.0	Diametral	0.23	T2
T18-05D	173.0	Axial	1.27	T1
T18-05D	176.0	Diametral	0.25	T1
T18-05D	176.0	Axial	0.84	T1
T18-05D	178.0	Diametral	0.79	T1
T18-05D	178.0	Axial	1.32	T1