

Drillhole Reference: BH1
Photographed By: BW/

BH1210 Date Drilled: BW/RC Date Photographed: 02/05/2023 03/05/2023



Box 07 - Depth 8.15 to 11.33m



Box 08 - Depth 8.15 to 11.33m



Drillhole Reference: BH1210 Date Drilled: 02/05/2023 Photographed By: BW/RC Date Photographed: 03/05/2023



Box 09 - Depth 8.15 to 11.33m



Box 10 - Depth 8.15 to 11.33m



Drillhole Reference: BH1210 Date Drilled: 03/05/2023 Photographed By: BW/RC Date Photographed: 04/05/2023



Box 11 - Depth 8.15 to 11.33m



Box 12 - Depth 8.15 to 11.33m



Drillhole Reference: BH1210 Date Drilled: 03/05/2023 Photographed By: BW/RC Date Photographed: 04/05/2023



Box 13 - Depth 8.15 to 11.33m



Box 14 - Depth 8.15 to 11.33m



Drillhole Reference: Photographed By: BH1210 BW/RC Date Drilled: Date Photographed: 03/05/2023 04/05/2023



Box 15 - Depth 8.15 to 11.33m



Box 16 - Depth 8.15 to 11.33m



Drillhole Reference: BH1210 Date Drilled: 03/05/2023 Photographed By: BW/RC Date Photographed: 04/05/2023



Box 17 - Depth 8.15 to 11.33m



Box 18 - Depth 8.15 to 11.33m



Drillhole Reference: Photographed By:

BH1210 BW/RC

Date Drilled: Date Photographed:

04/05/2023 05/05/2023



Box 19 - Depth 8.15 to 11.33m

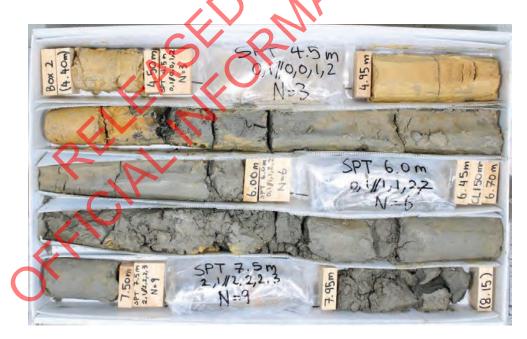




Drillhole Reference: BH1212 Date Drilled: 19/04/2023 Photographed By: BW/RC Date Photographed: 20/04/2023



Box 01 - Depth 0 to 4.4 m



Box 02 - Depth 4.4 to 8.15m



BH1212 BW/RC Drillhole Reference: Date Drilled: Photographed By:

19/04/2023 20/04/2023 Date Photographed:



Box 03 - Depth 8.15 to 11.33m



Box 04 - Depth 11.33 to 14.85m



Drillhole Reference: BH1212 Photographed By: BW/RC

Date Drilled: Date Photographed: 20/04/2023 21/04/2023



Box 05 - Depth 14.85 to 18.22m



Box 06 - Depth 18.22 to 21.36m



Drillhole Reference: Photographed By:

BH1212 BW/RC Date Drilled: Date Photographed: 20/04/2023 21/04/2023



Box 07 - Depth 21.36 to 24.39m



Box 08 - Depth 24.23 to 27.23m



Drillhole Reference: Photographed By:

BH1212 BW/RC

Date Drilled: Date Photographed: 20/04/2023 21/04/2023



Box 09 - Depth 27.23 to 30.00m



Box 10 - Depth 30.0 to 33.56m



Drillhole Reference: Photographed By:

BH1212 BW/RC Date Drilled: Date Photographed: 21/04/2023 22/04/2023



Box 11 - Depth 33.56 to 36.46m



Box 12 - Depth 36.46 to 39.46m



Drillhole Reference: Photographed By:

BH1212 BW/RC

Date Drilled: Date Photographed: 21/04/2023 22/04/2023





Drillhole Reference: Photographed By:

BH1214 BW/RC Date Drilled: Date Photographed: 12/04/2023 13/04/2023



Box 01 - Depth 0.0 to 3.0m



Box 02 - Depth 3.0 to 5.14m



Drillhole Reference: Photographed By:

BH1214 BW/RC

Date Drilled: Date Photographed: 12/04/2023 13/04/2023



Box 03 - Depth 5.14 to 7.5m



Box 04 - Depth 7.5 to 9.48m



Drillhole Reference: Photographed By:

BH1214 BW/RC

Date Drilled: Date Photographed: 13/04/2023 14/04/2023



Box 05 - Depth 9.48 to 11.57m



Box 06 - Depth 0.0 to 13.3m



Drillhole Reference: Photographed By:

BH1214 BW/RC Date Drilled: Date Photographed: 13/04/2023 14/04/2023



Box 07 - Depth 13.3 to 15.0m



Box 08 - Depth 15.0 to 17.0m



Drillhole Reference: Photographed By:

BH1214 BW/RC Date Drilled: Date Photographed: 14/04/2023 17/04/2023



Box 09 - Depth 17.0 to 19.05m



Box 10 - Depth 19.05 to 21.1m



Drillhole Reference: Photographed By:

BH1214 BW/RC

Date Drilled: Date Photographed: 14/04/2023 17/04/2023



Box 11 - Depth 21.1 to 23.2m



Box 12 - Depth 23.2 to 27.05m



Drillhole Reference: BH1214 Date Drilled: 14/04/2023 Photographed By: BW/RC Date Photographed: 17/04/2023



Box 13 - Depth 25.5 to 27.05m



Box 14 - Depth 27 to 30.45m



Drillhole Reference: Photographed By:

BH1214 BW/RC

Date Drilled: Date Photographed: 17/04/2023 18/04/2023



Box 15 - Depth 30.45 to 33.0m



Box 16 - Depth 33.315 to 36.1m



Drillhole Reference: Photographed By:

BH1301 BW/RC Date Drilled: Date Photographed:



Box 01 - Depth 0.0 to 3.8m



Box 02 - Depth 3.8 to 6.0m



Drillhole Reference: Photographed By:

BH1301 BW/RC

Date Drilled: Date Photographed:



Box 03 - Depth 6.0 to 7.9m



Box 04 - Depth 7.9 to 10.0m



Drillhole Reference: Photographed By:

BH1301 BW/RC Date Drilled: Date Photographed:



Box 05 - Depth 10.0 to 12.0m



Box 06 - Depth 12.0 to 14.05m



Drillhole Reference: Photographed By:

BH1301 BW/RC Date Drilled: Date Photographed:



Box 07 - Depth 14.05 to 16.2m



Box 08 - Depth 16.2 to 18.4m



Drillhole Reference: Photographed By:

BH1301 BW/RC Date Drilled: Date Photographed:



Box 09 - Depth 18.4 to 20.75m



Box 10 - Depth 20.75 to 22.95m



Drillhole Reference: Photographed By:

BH1301 BW/RC

Date Drilled: Date Photographed:



Box 11 - Depth 22.95 to 25.5m



Box 12 - Depth 25.5 to 27.0m



Drillhole Reference: Photographed By:

BH1301 BW/RC

Date Drilled: Date Photographed:



Box 13 - Depth 27.0 to 29.85m



Box 14 - Depth 29.85 to 33.0m



Drillhole Reference: Photographed By:

BH1301 BW/RC

Date Drilled: Date Photographed:



Box 15 - Depth 33.0 to 35.0m



Box 16 - Depth 35.0 to 36.9m



Drillhole Reference: Photographed By:

BH1301 BW/RC Date Drilled: Date Photographed:



Box 17 - Depth 36.9 to 39.0m



Box 18 - Depth 39.0 to 41.15m



Drillhole Reference: Photographed By:

BH1301 BW/RC Date Drilled: Date Photographed:



Box 19 - Depth 41.15 to 43.95m



Box 20 - Depth 43.95 to 46.92m



Drillhole Reference: Photographed By:

BH1301 BW/RC

Date Drilled: Date Photographed:

17/03/2023 20/03/2023



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Drillhole Reference: Photographed By:

BH1302 BW/RC

Date Drilled: Date Photographed:



Box 01 - Depth 0.0 to 4.5m



Box 02 - Depth 4.5 to 9.0m



Drillhole Reference: Photographed By:

BH1302 BW/RC Date Drilled: Date Photographed:



Box 03 - Depth 9.0 to 12.0m



Box 04 - Depth 12.0 to 14.73m



Drillhole Reference: Photographed By:

BH1302 BW/RC

Date Drilled: Date Photographed:



Box 05 - Depth 14.73 to 18.45m



Box 06 - Depth 18.45 to 21.44m



Drillhole Reference: Photographed By:

BH1302 BW/RC

Date Drilled: Date Photographed: 31/03/2023 03/04/2023



Box 07 - Depth 21.44 to 24.56m



Box 08 - Depth 24.56 to 27.2m



Drillhole Reference: Photographed By:

BH1302 BW/RC

Date Drilled: Date Photographed: 31/03/2023 03/04/2023



Box 09 - Depth 27.2 to 29.44m



Box 10 - Depth 29.44 to 31.5m



Drillhole Reference: Photographed By:

BH1302 BW/RC Date Drilled:
Date Photographed:

03/04/2023 04/04/2023



Box 11 - Depth 31.5 to 33.6m



Box 12 - Depth 33.6 to 35.6m



Drillhole Reference: Photographed By:

BH1302 BW/RC

Date Drilled: Date Photographed: 04/04/2023 05/04/2023



Box 13 - Depth 35.6 to 37.5m



Box 14 - Depth 37.5 to 39.7m



Drillhole Reference: BH1302 Date Drilled: 04/04/2023 Photographed By: BW/RC Date Photographed: 05/04/2023



Box 15 - Depth 39.7 to 41.85m



Box 16 - Depth 41.85 to 44.1m



Drillhole Reference: Photographed By:

BH1302 BW/RC

Date Drilled: Date Photographed: 04/04/2023 05/04/2023



Box 17 - Depth 44.1 to 46.5m



Box 18 - Depth 46.5 to 48.8m



Drillhole Reference: Photographed By:

BH1302 BW/RC

Date Drilled: Date Photographed: 04/04/2023 05/04/2023





Drillhole Reference: Photographed By:

BH1303 BW/RC Date Drilled:
Date Photographed:

16/03/2023 17/03/2023



Box 01 - Depth 0.0 to 3.5m



Box 02 - Depth 3.5 to 5.15m



Drillhole Reference: Photographed By:

BH1303 BW/RC

Date Drilled: Date Photographed: 16/03/2023 17/03/2023



Box 03 - Depth 5.15 to 7.5m



Box 04 – Depth 7.5 to 9.75m



Drillhole Reference: Photographed By:

BH1303 BW/RC Date Drilled: Date Photographed:



Box 05 - Depth 9.75 to 11.8m



Box 06 - Depth 11.8 to 14.25m



Drillhole Reference: Photographed By:

BH1303 BW/RC

Date Drilled: Date Photographed:



Box 07 - Depth 14.25 to 16.3m



Box 08 - Depth 16.3 to18.0m



Drillhole Reference: B Photographed By: B

BH1303 BW/RC Date Drilled: Date Photographed:



Box 09 - Depth 18.0 to 20.4m



Box 10 - Depth 20.4 to 22.5m



Drillhole Reference: Photographed By:

BH1303 BW/RC Date Drilled:
Date Photographed:



Box 11 - Depth 22.5 to 24.65m



Box 12 - Depth 24.65 to 27.0m



Drillhole Reference: Photographed By:

BH1303 BW/RC Date Drilled:
Date Photographed:



Box 13 - Depth 27.0 to 30.55m



Box 14 - Depth 30.55 to 33.0m



Drillhole Reference: BH1303 Date Drilled: 20/03/2023 Photographed By: BW/RC Date Photographed: 21/03/2023



Box 15 - Depth 33.0 to 35.5m



Box 16 - Depth 35.5 to 38.8m



Drillhole Reference: BH1303 Date Drilled: 21/03/2023 Photographed By: BW/RC Date Photographed: 22/03/2023



Box 17 - Depth 38.8 to 41.55m



Box 18 - Depth 41.55 to 43.5m



Drillhole Reference: BH1303 Date Drilled: 21/03/2023 Photographed By: BW/RC Date Photographed: 22/03/2023



Box 19 - Depth 43.5 to 46.5m



Box 20 - Depth 46.5 to 49.5m



Drillhole Reference: Photographed By:

BH1303 BW/RC

Date Drilled: Date Photographed:





Drillhole Reference: Photographed By:

BH1404 BW/RC

Date Drilled: Date Photographed: 04/04/2023 05/04/2023



Box 01 - Depth 0.0 to 5.3m



Box 02 - Depth 5.3 to 8.55m



Drillhole Reference: Photographed By:

BH1404 BW/RC

Date Drilled: Date Photographed: 04/04/2023 05/04/2023



Box 03 - Depth 8.55 to 11.05m



Box 04 - Depth 11.05 to 13.62m



Drillhole Reference: Photographed By:

BH1404 BW/RC Date Drilled: Date Photographed: 05/04/2023 06/04/2023



Box 05 - Depth 13.62 to 16.5m



Box 06 - Depth 16.5 to 19.15m



Drillhole Reference: Photographed By:

BH1404 BW/RC

Date Drilled: Date Photographed: 05/05/2023 08/05/2023



Box 07 - Depth 19.15 to 21.95m



Box 08 - Depth 21.95 to 24.7m



Drillhole Reference: Photographed By:

BH1404 BW/RC Date Drilled: Date Photographed:



Box 09 - Depth 24.7 to 27.6m



Box 10 - Depth 27.6 to 30.7m



Drillhole Reference: Photographed By:

BH1404 BW/RC Date Drilled: Date Photographed:



Box 11 - Depth 30.7 to 33.6m



Box 12 - Depth 33.6 to 36.6m



Drillhole Reference: Photographed By:

BH1404 BW/RC

Date Drilled: Date Photographed:



Box 13 - Depth 36.6 to 39.3m



Box 14 - Depth 39.3 to 42.0m



Drillhole Reference: Photographed By:

BH1404 BW/RC

Date Drilled: Date Photographed:



Box 15 - Depth 42.0 to 44.8m



Box 16 - Depth 44.8 to 47.65m



Drillhole Reference: Photographed By:

BH1404 BW/RC

Date Drilled: Date Photographed:





Drillhole Reference: Photographed By:

BH1406 BW/RC Date Drilled: Date Photographed:



Box 01 - Depth 0.0 to 3.0m



Box 02 - Depth 3.0 to 5.3m



Drillhole Reference: Photographed By:

BH1406 BW/RC Date Drilled: Date Photographed:



Box 03 - Depth 5.3 to 7.5m



Box 04 - Depth 7.5 to 9.4m



Drillhole Reference: Photographed By:

BH1406 BW/RC Date Drilled: Date Photographed:



Box 05 - Depth 9.7 to 11.8m



Box 06 - Depth 11.8 to 13.8m



Drillhole Reference: Photographed By:

BH1406 BW/RC

Date Drilled: Date Photographed:



Box 07 - Depth 13.8 to 15.6m



Box 08 - Depth 15.6 to 18.0m



Drillhole Reference: Photographed By:

BH1406 BW/RC Date Drilled: Date Photographed:



Box 09 - Depth 18.0 to 20.6m



Box 10 - Depth 20.6 to 22.81m



Drillhole Reference: Photographed By:

BH1406 BW/RC

Date Drilled: Date Photographed:



Box 11 - Depth 22.81 to 25.34m



Box 12 - Depth 25.34 to 27.72m



Drillhole Reference: Photographed By:

BH1406 BW/RC Date Drilled: Date Photographed: 10/05/2023 11/05/2023



Box 13 - Depth 27.72 to 30.61m



Box 14 - Depth 30.61 to 32.9m



Drillhole Reference: Photographed By:

BH1406 BW/RC Date Drilled: Date Photographed: 10/05/2023 11/05/2023



Box 15 - Depth 32.9 to 35.23m



Box 16 - Depth 35.23 to 37.7m



Drillhole Reference: Photographed By:

BH1406 BW/RC

Date Drilled: Date Photographed: 10/05/2023 11/05/2023





Drillhole Reference: BH1410 Date Drilled: 27/04/2023 Photographed By: BW/RC Date Photographed: 28/04/2023



Box 01 - Depth 0.0 to 3.75m



Box 02 - Depth 3.75 to 6.75m



Drillhole Reference: BH1410 Date Drilled: 27/04/2023 Photographed By: BW/RC Date Photographed: 28/04/2023



Box 03 - Depth 6.5 to 9.5m



Box 04 – Depth 9.5 to 12.95m



Drillhole Reference: BH1410 Date Drilled: 28/04/2023 Photographed By: BW/RC Date Photographed: 01/05/2023



Box 05 - Depth 12.95 to 15.45m



Box 06 – Depth 15.45 to 18.7m



Drillhole Reference: Photographed By: BH1410 BW/RC Date Drilled: Date Photographed: 01/05/2023 02/05/2023



Box 07 - Depth 18.7 to 21.0m



Box 08 - Depth 21.0 to 24.0m



Drillhole Reference: BH1410 Date Drilled: 01/05/2023
Photographed By: BW/RC Date Photographed: 02/05/2023



Box 09 - Depth 24.0 to 27.0m



Box 10 - Depth 27.0 to 30.3m



Drillhole Reference: BH1410 Date Drilled: 03/05/2023 BW/RC 04/05/2023 Photographed By: Date Photographed:



Box 11 - Depth 30.3 to 34.82m





Drillhole Reference: BH1411 Date Drilled: 17/04/2023
Photographed By: BW/RC Date Photographed: 18/04/2023



Box 01 - Depth 0.0 to 5.55m



Box 02 - Depth 5.55 to 8.8m



Drillhole Reference: BH1411 Date Drilled: 18/04/2023 Photographed By: BW/RC Date Photographed: 19/04/2023



Box 03 - Depth 8.8 to 12.0m



Box 04 - Depth 12.0 to 15.45m



Drillhole Reference: BH1411 Date Drilled: 18/04/2023 Photographed By: BW/RC Date Photographed: 19/04/2023



Box 05 - Depth 15.45 to 18.9m



Box 06 - Depth 18.9 to 23.3m



Drillhole Reference: Photographed By: BH1411 BW/RC Date Drilled: Date Photographed: 19/04/2023 20/04/2023



Box 07 - Depth 23.3 to 26.5m



Box 08 - Depth 26.5 to 29.8m



Drillhole Reference: BH1411 Date Drilled: 20/04/2023 Photographed By: BW/RC Date Photographed: 21/04/2023



Box 09 - Depth 29.8 to 33.8m



Box 10 - Depth 33.8 to 37.82m



Drillhole Reference: Photographed By:

BH1411 BW/RC

Date Drilled: Date Photographed: 20/04/2023 21/04/2023





Drillhole Reference: BH1501 Date Drilled: 20/04/2023 Photographed By: BW/RC Date Photographed: 21/04/2023



Box 01 - Depth 0.0 to 6.76m



Box 02 – Depth 6.76 to 9.65m



Drillhole Reference: BH1501 Date Drilled: 20/04/2023 Photographed By: BW/RC Date Photographed: 21/04/2023



Box 01 - Depth 0.0 to 6.76m



Box 02 – Depth 6.76 to 9.65m



Drillhole Reference: BH1501 Date Drilled: 20/04/2023 Photographed By: BW/RC Date Photographed: 21/04/2023

Box 03 - Depth 9.65 to 12.67m



Box 04 – Depth 12.67 to 15.75m



Drillhole Reference: BH1501 Date Drilled: 21/04/2023 Photographed By: BW/RC Date Photographed: 26/04/2023



Box 05 - Depth 15.75 to 18.64m



Box 06 – Depth 18.64 to 21.89m



Drillhole Reference: Photographed By: BH1501 BW/RC Date Drilled: Date Photographed: 26/04/2023 27/04/2023



Box 07 - Depth 21.84 to 24.9m



Box 08 - Depth 24.9 to 27.97m



Drillhole Reference: BH1501 Date Drilled: 26/04/2023 Photographed By: BW/RC Date Photographed: 27/04/2023



Box 09 - Depth 27.97 to 31.5m



Box 10 - Depth 31.5 to 34.3m



Drillhole Reference: Photographed By:

BH1501 BW/RC

Date Drilled: Date Photographed: 27/04/2023 28/04/2023







Drillhole Reference: Photographed By:

BH1503 BW/RC Date Drilled: Date Photographed: 08/02/2023 09/02/2023



Box 01 - Depth: 0.0 to 6.0m



Box 02 - Depth: 6.0 to 9.45m



Drillhole Reference: Photographed By:

BH1503 BW/RC Date Drilled: Date Photographed: 08/02/2023 09/02/2023



Box 03 - Depth: 9.45 to 13.95 m



Box 04 - Depth: 13.95 to 18.45m



Drillhole Reference: Photographed By:

BH1503 BW/RC

Date Drilled: Date Photographed: 15/02/2023 16/02/2023



Box 05 - Depth: 18.45 to 24.55m



Box 06 - Depth: 24.55 to 28.15m



Drillhole Reference: Photographed By:

BH1503 BW/RC Date Drilled: Date Photographed: 16/02/2023 17/02/2023



Box 07 - Depth: 28.15 to 33.75m



Box 15 - Depth: 33.75 to 36.9m



Drillhole Reference: Photographed By:

BH1503 BW/RC Date Drilled: Date Photographed: 17/02/2023 18/02/2023



Box 15 - Depth: 36.9 to 40.0m



Box 15 - Depth: 40.0 to 42.0m



Drillhole Reference: BH2202 Date Drilled: 20/04/2023 Photographed By: BW/RC Date Photographed: 21/04/2023



Box 01 - Depth 0.0 to 3.65m



Box 02 - Depth 3.65 to 5.6m



Drillhole Reference: BH2202 Date Drilled: 20/04/2023 Photographed By: BW/RC Date Photographed: 21/04/2023



Box 03 - Depth 5.6 to 7.5m



Box 04 - Depth 7.5 to 9.5m



BH2202 BW/RC Date Drilled: Date Photographed: Drillhole Reference: Photographed By:

21/04/2023 26/04/2023



Box 05 - Depth 9.5 to 11.61m



Box 06 - Depth 11.61 to 13.5m



Drillhole Reference: Photographed By: BH2202 BW/RC Date Drilled: Date Photographed: 21/04/2023 26/04/2023



Box 07 - Depth 13.5 to 15.6m



Box 08 - Depth 15.6 to 17.45m



Drillhole Reference: BH2202
Photographed By: BW/RC

Date Drilled: Date Photographed: 21/04/2023 26/04/2023



Box 09 - Depth 17.45 to 19.5m



Box 10 - Depth 19.5 to 22.45m



Drillhole Reference: BH2202 Date Drilled: 26/04/2023 Photographed By: BW/RC Date Photographed: 27/04/2023



Box 11 - Depth 22.45 to 24.86m



Box 12 - Depth 24.86 to 27.35m



Drillhole Reference: Photographed By: BH2202 BW/RC Date Drilled: Date Photographed: 26/04/2023 27/04/2023



Box 13 - Depth 27.35 to 29.46m



Box 14 - Depth 29.46 to 32.2m



Drillhole Reference: BH2202 BW/RC Date Drilled: 27/04/2023 28/04/2023





Box 16 - Depth 33.83 to 36.0m



Drillhole Reference: BH2202 BW/RC Date Drilled: 27/04/2023 28/04/2023

Box 17 - Depth 36.0 to 38.06m



Box 18 - Depth 38.06 to 40.5m



Drillhole Reference: BH2202 Date Drilled: 27/04/2023 Photographed By: BW/RC Date Photographed: 28/04/2023



Box 19 - Depth 40.5 to 42.88m



Box 20 - Depth 42.88 to 45.3m



Drillhole Reference: Photographed By:

BH2202 BW/RC Date Drilled: Date Photographed: 28/04/2023 29/04/2023



Box 21 - Depth 45.3 to 47.7m



Box 22 - Depth 47.4 to 49.85m



Drillhole Reference: BH2202 Date Drilled: 28/04/2023 Photographed By: BW/RC Date Photographed: 29/04/2023 OFFICIAL INFORMATION ACT 1986
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Box 01 - Depth 0.0 to 3.36m



Box 02 - Depth 3.36 to 5.46m





Box 03 - Depth 5.46 to 7.5m



Box 04 - Depth 7.5 to 9.63m





Box 05 - Depth 9.63 to 11.45m



Box 06 - Depth 11.45 to 13.5m





Box 07 - Depth 13.5 to 15.48m



Box 08 - Depth 15.48 to 16.91m





Box 09 - Depth 16.91 to 18.58m



Box 10 - Depth 18.58 to 20.48m





Box 11 - Depth 20.48 to 22.5m



Box 12 - Depth 22.5 to 24.28m





Box 13 - Depth 24.28 to 26.19m



Box 12 - Depth 26.19 to 28.3m





Box 15 - Depth 28.03 to 30.0m



Box 16 - Depth 30.0 to 32.0m





Box 17 - Depth 32.0 to 33.88m



Box 18 - Depth 33.88 to 35.9m



Drillhole Reference: BH2209
Photographed By: BW/RC

Date Drilled: Date Photographed: 18/05/2023 19/05/2023



Box 19 - Depth 35.9 to 38.45m



Box 20 - Depth 38.45 to 41.3m





Box 21 - Depth 41.3 to 43.5m



Box 22 - Depth 43.5 to 45.84m







Drillhole Reference: Photographed By: BH2211 BW/RC Date Drilled: Date Photographed: 22/06/2023 23/06/2023



Box 01 - Depth 0.0 to 6.45m



Box 02 – Depth 6.45 to 8.55m





Box 03 - Depth 8.55 to 10.5m



Box 04 - Depth 10.5 to 15.3





Box 05 - Depth 13.5 to 15.15m



Box 01 - Depth 15.15 to 17.05m



Drillhole Reference: Photographed By:

BH2211 BW/RC Date Drilled: Date Photographed: 26/06/2023 27/06/2023



Box 07 - Depth 17.05 to 19.2m



Box 08 - Depth 19.2 to 21.0m





Box 09 - Depth 21.0 to 24.0m



Box 10 - Depth 24.0 to 26.2





Box 11 - Depth 26.2 to 28.1m



Box 12 - Depth: 28.1 to 32.0m





Box 13 - Depth 32.0 to 34.3m



Box 14 - Depth 26.2 to 28.1m



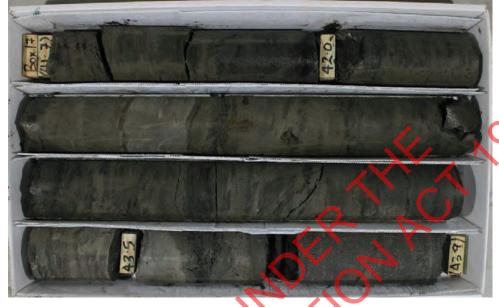


Box 15 - Depth 36.65 to 39.45m



Box 16 - Depth 39.45 to 41.7m





Box 17 - Depth 41.7 to 43.9m



Box 18 - Depth 43.9 to 45.0m



Drillhole Reference: BH2212 Date Drilled: 28/06/2023 Photographed By: BW/RC Date Photographed: 29/06/2023

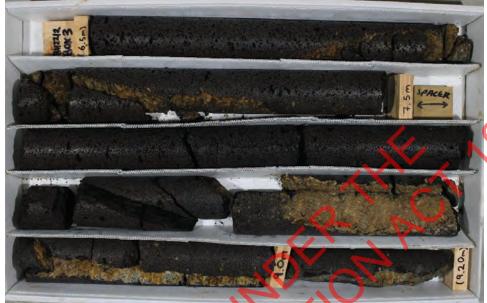


Box 01 - Depth 0.0 to 3.73m



Box 02 - Depth 3.73 to 6.5m





Box 03 - Depth: 6.5 to 9.2m



Box 04 - Depth: 9.2 to 12.6m





Box 05 - Depth: 12.6 to 15.45m



Box 06 - Depth: 15.45 to 18.1m





Box 07 - Depth: 18.1 to 20.75m



Box 08 - Depth: 20.75 to 24.65m





Box 09 - Depth: 24.65 to 27.95m



Box 10 – Depth: 27.95 to 31.05m





Box 11 - Depth: 31.05 to 34.1m



Box 12 - Depth: 34.1 to 36.9m





Box 13 - Depth: 36.9 to 40.2m



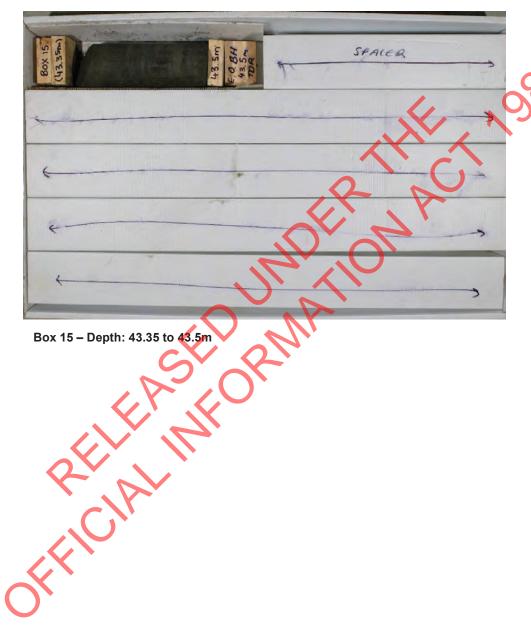
Box 14 - Depth: 40.2 to 43.35m



Drillhole Reference: Photographed By:

BH2212 BW/RC

Date Drilled: Date Photographed: 03/07/2023 04/07/2023





# **Appendix B-4 – Downhole Geophysics**

OFFICIAL INFORMATION ACT 1988



Level 1 182 Main Road Tawa 5028, Wellington New Zealand

HQ

60 m

Water

TBC

HWT

Vertical

1757424.435

**Drillhole Information:** 

Log interval from: 0.61

Ph: +64 6 8771652 Fax: +64 6 8775015 Email: info@rdcl.co.nz

59.97

NZTM

60.02 m (Optical)

19.57 (Acoustic)

5919868.890

#### Log Notes:

The elastic moduli and engineering parameters were calculated from Full Wave Form Sonic Tool Vp and Vs measurements and CCS tool density measurements. As such the logs should be considered in-situ, small strain and bulk measurements. These measurements may differ from laboratory testing for these reasons.

#### Log Calculations:

SI unit calculations: Shear Modulus (G) = dVs² Bulk Modulus (K) = 1/3\*(E/(1-2\*PR)) Young's Modulus (E) = 2G(1+PR) Poisson's Ratio (PR) = 2-(Vp/Vs)²/2-2(Vp/Vs)²

Vp = P-wave seismic velocity
Vs = S-wave seismic velocity
d = Density

#### Log Nomenclature:

Velocity Analysis = Output of semblance processing S\_Slowness = Shear wave slowness from semblane

Vp = P-wave velocity

Vs = Shear wave velocity from S-Slowness

DEN(CDL) = Compensated Density

Shear Modulus = Shear Modulus (G0)

Bulk Modulus = Bulk Modulus (K)

Young's Modulus = Young's Modulus (E)

Poisson's Ratio = Poisson's Ratio (PR)

Vp/Vs = P-wave S-wave ratio

RX#-1A = Wiggle window of sensor #

RX#-1A - dt = Picked first arrival time for sensor #

Basic Information:

Well Name: BH1107

Company: McMillans Drilling (NI) Ltd

Run No: 05,06 & 07

Tool Type(s): QL40-FWSS Full Wave Form Sonic

Geovista P&S Logger

Service Company: RDCL

Operator: H Soma

Witness: Nil

Date Logged: 27/03/2023

Field:

Auckland Light Rail

State / Province:

Auckland

Country:

New Zealand

Location Description: 87 Wakefield Street Printing Information:

Bit Size:

Depth Driller:

Fluid Type:

Northing:

Elevation:

Hole Azimuth:

Casing Size:

Print Type: Paginated

Depth Unit: Metres

Magnetic Declination: +20° 8' East

Log Version: Final Scale Ratio: 1:25

Casing Depth:

Hole Inclination: >-88.5°

Magnetic Inclination: 62° 49'

Log interval to:

Depth Logger.

Fluid Level:

Projection:

Easting:

Comments:

Gaps left in P&S Logger Vs picks where data is noisy
 Coordinates taken from Google Earth and are approximate.

11-1A - dl 10(2-1A -	B RXS-14 - ds	XX+1A- a r-s	lównesi	$\sqrt{\lambda}$	Vp.	PAS Leegn)		Vp/Vs Pall c		Young's Moduli	
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				(		1,0					
			F 7 (								
			2.0								
			F (								

