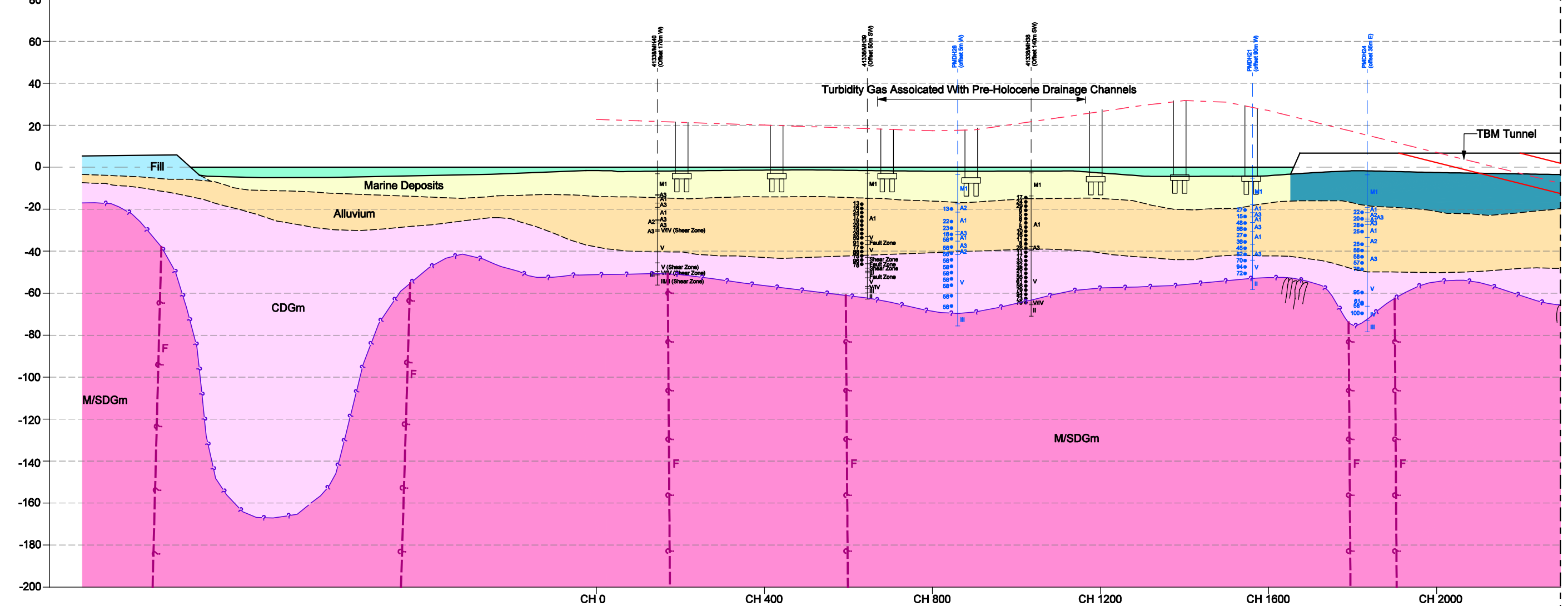


Elevation (mPD)



FOR CONTINUATION SEE FIGURE 3.5B

Legend:

- Fill
 - Marine Deposits
 - Estuarine Deposits
 - Alluvium
 - Colluvium
 - Completely To Highly Decomposed Rock
 - Grade III Or Better Rock (Refer To Granite, Otherwise Indicated On Section)
 - F - Inferred Fault From Geophysical Data/Borehole Information
 - Inferred Rockhead Along Original Alignment
 - Inferred Rockhead Along Recommended Alignment
- ← M2
A1
← Current Drillhole
 - ← M2
A1
← Existing Drillhole
 - M - Marine Deposit
 - 1 Clay
 - 2 Silt
 - A - Alluvial Deposit
 - 3 Sand
 - V - Completely Decomposed Rocks
 - IV - Highly Decomposed Rocks
 - III - Moderately Decomposed Rocks
 - II - Slightly Decomposed Rocks
 - ₂₀ - SPT N Value

SCALE:
 V: 1 : 2000 @ A3
 H: 1 : 10000 @ A3

Note:
 Rockhead Level & Material Profiles Are Referred From Adjacent Drillholes & Geophysical Survey Results

AGREEMENT NO. CE 52/2007(HY)
 TUEN MUN - CHEK LAP KOK LINK - INVESTIGATION

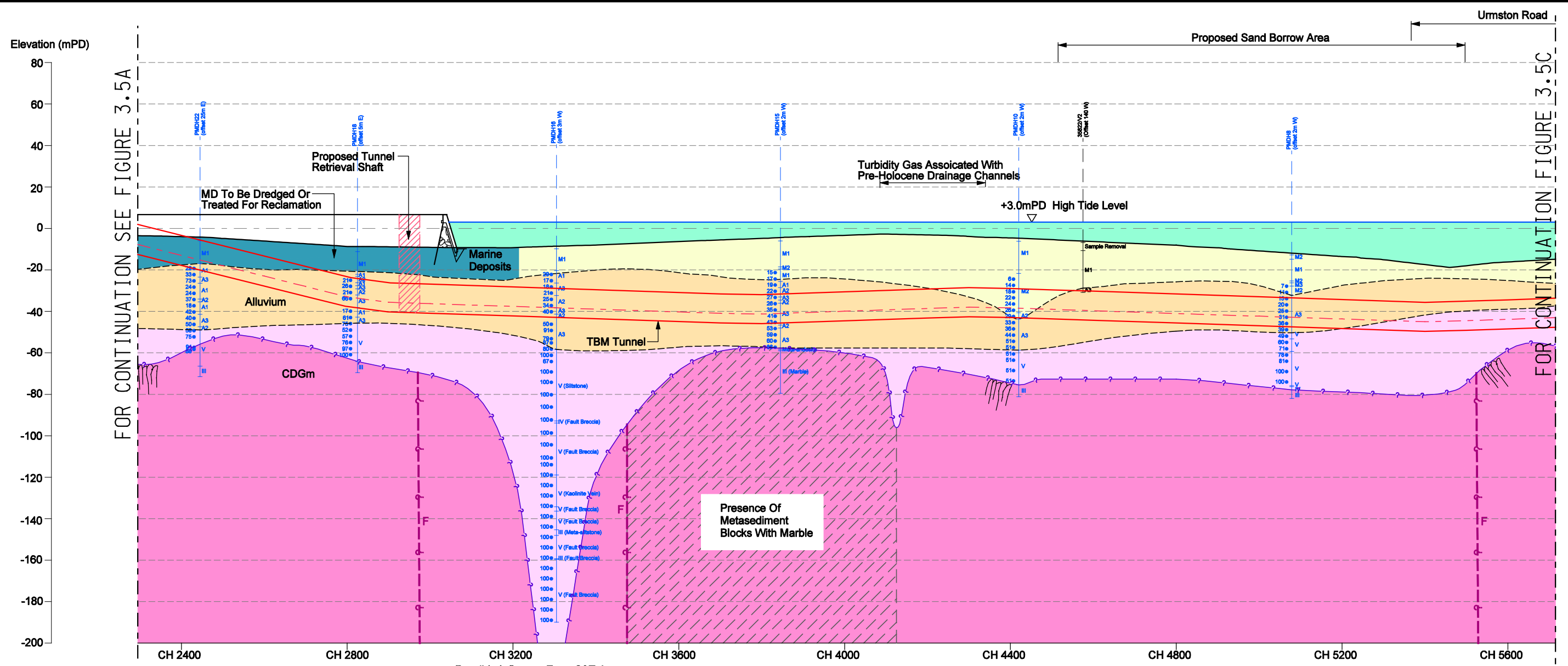
GEOLOGICAL SECTION

SHEET 1 OF 3

| | | | |
|---------|----------|-------------|-------------|
| SCALE | AS SHOWN | DATE | APR. 2009 |
| CHECK | --- | DRAWN | CL |
| JOB No. | 60044963 | DRAWING No. | FIGURE 3.5A |
| | | REV | --- |

Plotting By: 2009-4-30
 PLOT SCALE: SCALES:SHORTS

MAUNSELL | AECOM
 Maunsell Consultants Asia Ltd



FOR CONTINUATION SEE FIGURE 3.5A

FOR CONTINUATION FIGURE 3.5C

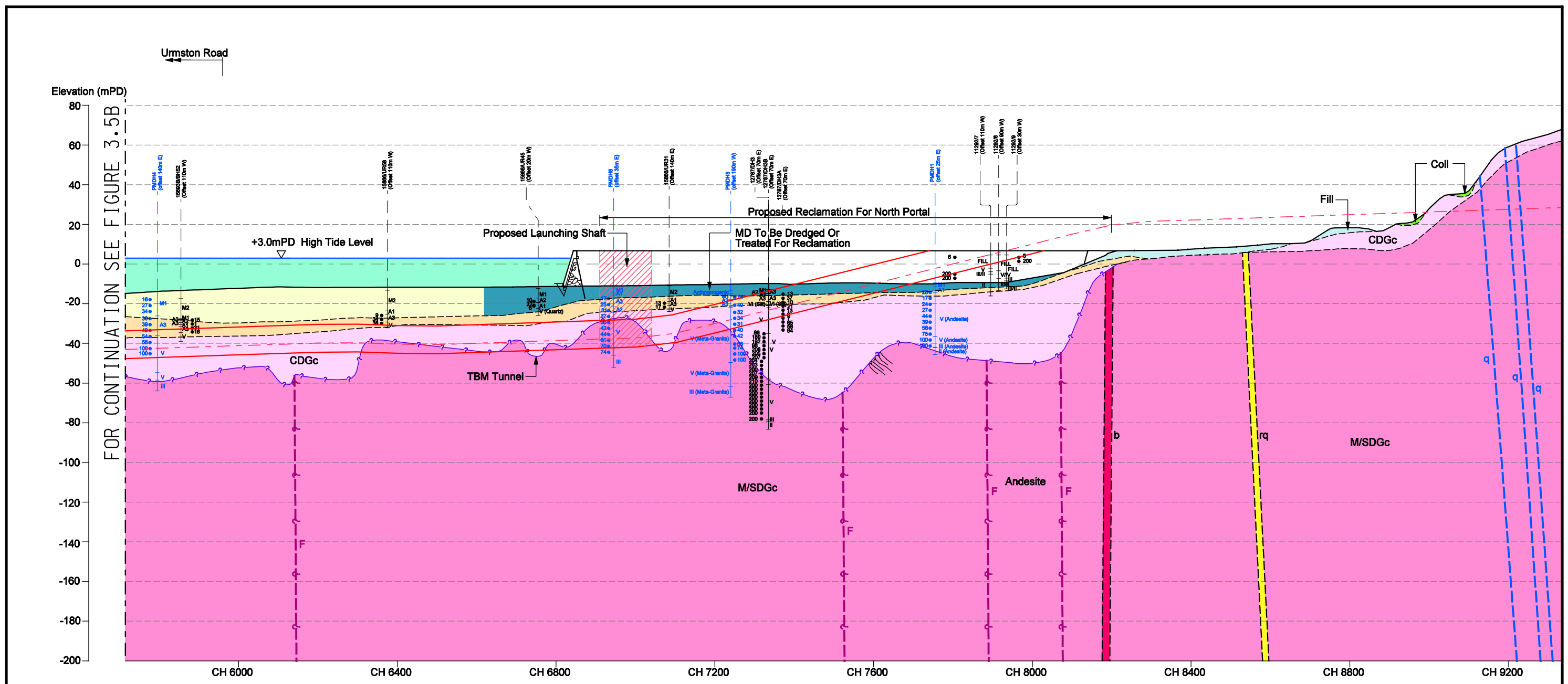
- Legend:**
- M2 - Current Drillhole
 - M1 - Existing Drillhole
 - M** - Marine Deposit
 - 1 Clay
 - 2 Silt
 - 3 Sand
 - A** - Alluvial Deposit
 - V** - Completely Decomposed Rocks
 - IV** - Highly Decomposed Rocks
 - III** - Moderately Decomposed Rocks
 - II** - Slightly Decomposed Rocks
 - 20 - SPT N Value
 - Fill
 - Marine Deposits
 - Estuarine Deposits
 - Alluvium
 - Colluvium
 - Completely To Highly Decomposed Rock
 - Grade III Or Better Rock (Refer To Granite, Otherwise Indicated On Section)
 - - - F - Inferred Fault From Geophysical Data/Borehole Information
 - ~ - Inferred Rockhead Along Original Alignment
 - ~ - Inferred Rockhead Along Recommended Alignment

| CHAINAGE | 2975 | 3800 | 4212 | 4404 | 4430 | 4551 | 5199 | 5400 |
|----------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| GROUND CONDITION AT TUNNEL LEVEL | ALL | ALL | MD | MD | MD | ALL | ALL | ALL |
| PROPOSED ROAD LEVEL (mPD) | -36.1 | -41.26 | -38.5 | -38.3 | -38.5 | -39.3 | -43.6 | -44.98 |
| TUNNEL AXIS (mPD) | -33.75 | -38.71 | -36.15 | -35.95 | -36.15 | -36.95 | -41.25 | -42.63 |
| BOTTOM LEVEL OF TUNNEL (mPD) | -40.75 | -45.91 | -43.15 | -42.95 | -43.15 | -43.95 | -48.25 | -49.63 |
| INSPECTION PRESSURE (BAR) | 3.78 | 4.29 | 4.02 | 4.00 | 4.02 | 4.10 | 4.53 | 4.66 |
| MAX. PRESSURE (BAR) | 4.38 | 4.89 | 4.62 | 4.60 | 4.62 | 4.70 | 5.13 | 5.26 |

Note:
 Rockhead Level & Material Profiles Are Referred From Adjacent Drillholes & Geophysical Survey Results

SCALE:
 V: 1 : 2000 @ A3
 H: 1 : 10000 @ A3

| | | | |
|---------|----------|-------------|-------------|
| SCALE | AS SHOWN | DATE | APR. 2009 |
| CHECK | --- | DRAWN | CL |
| JOB No. | 60044963 | DRAWING No. | FIGURE 3.5B |
| | | REV | --- |



FOR CONTINUATION SEE FIGURE 3.5B

| CHAINAGE | | 6309 | 6500 | 6786 | 6910 |
|----------------------------------|-----------------|------------|--------|------------|--------|
| GROUND CONDITION AT TUNNEL LEVEL | ALL | | ALL | | CDG |
| | CDG | | M/SDG | | M/SDG |
| PROPOSED ROAD LEVEL (mPD) | | -39.7 | -40.58 | -38.7 | -37.8 |
| TUNNEL AXIS (mPD) | | -37.35 | -38.23 | -36.35 | -35.45 |
| BOTTOM LEVEL OF TUNNEL (mPD) | | -44.35 | -45.23 | -43.35 | -42.45 |
| INSPECTION PRESSURE (BAR) | 4.14 - 4.66 bar | 4.14 | 4.22 | 4.04 | 3.95 |
| | | - 4.22 bar | | - 4.04 bar | |
| MAX. PRESSURE (BAR) | 4.74 - 5.26 bar | 4.74 | 4.82 | 4.64 | 4.55 |
| | | - 4.82 bar | | - 4.64 bar | |

SCALE:
 V: 1: 2000 @ A3
 H: 1: 10000 @ A3

Legend:

- Fill
 - Marine Deposits
 - Estuarine Deposits
 - Alluvium
 - Colluvium
 - Completely To Highly Decomposed Rock
 - Grade III Or Better Rock (Refer To Granite, Otherwise Indicated On Section)
 - Inferred Fault From Geophysical Data/Borehole Information
 - Inferred Rockhead Along Original Alignment
 - Inferred Rockhead Along Recommended Alignment
- Current Drillhole
 - Existing Drillhole
 - M - Marine Deposit
 - 1 Clay
 - 2 Silt
 - 3 Sand
 - A - Alluvial Deposit
 - V - Completely Decomposed Rocks
 - IV - Highly Decomposed Rocks
 - III - Moderately Decomposed Rocks
 - II - Slightly Decomposed Rocks
 - ∞ - SPT N Value

Note:
 Rockhead Level & Material Profiles Are Referred From Adjacent Drillholes & Geophysical Survey Results

| | | | |
|---------|----------|-------------|-------------|
| SCALE | AS SHOWN | DATE | APR. 2009 |
| CHECK | --- | DRAWN | CL |
| JOB No. | 60044963 | DRAWING No. | FIGURE 3.5C |
| | | REV | --- |