

FOR CONTINUATION SEE FIGURE 3.5B

North Lantau Fault Zone

Area Subparallel To An Inferred/Consealed Fault

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
- ← 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
 - ₂₀ - SPT N Value

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

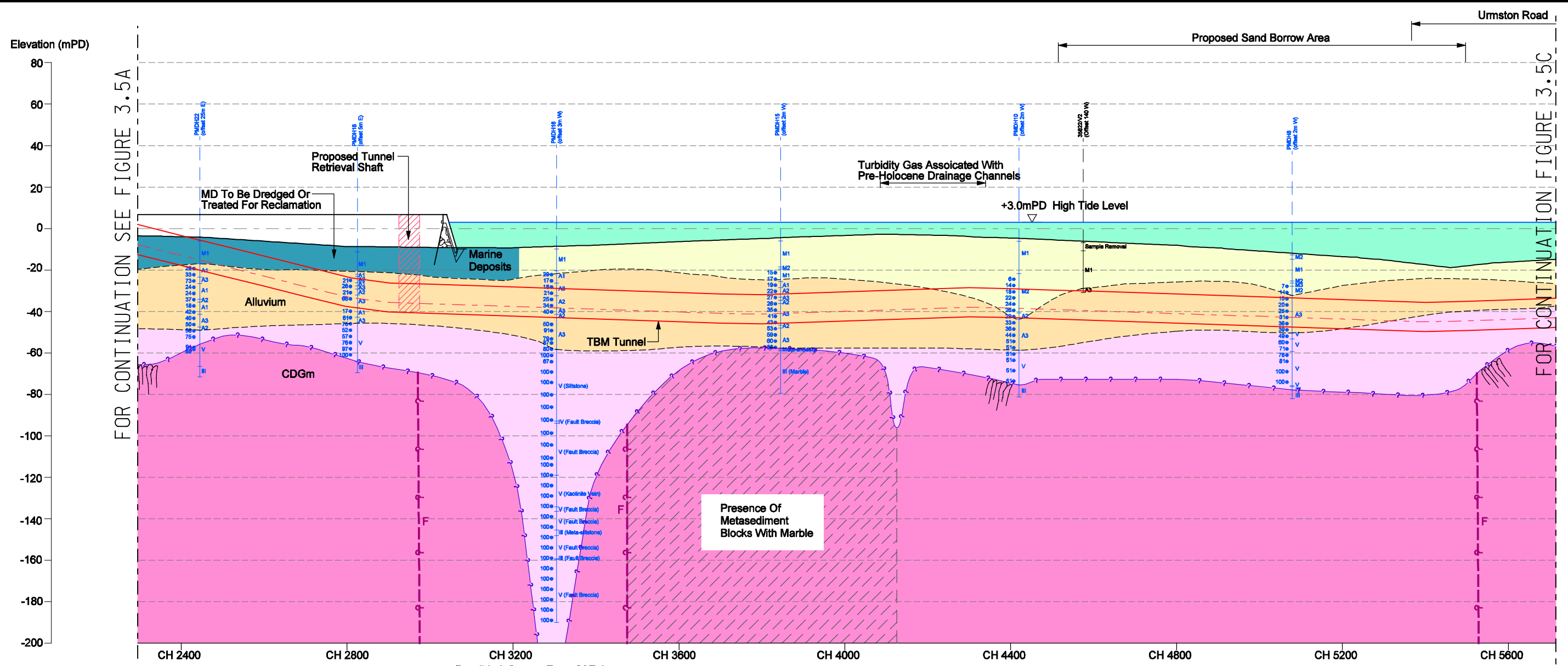
Note:
 Rockhead Level & Material Profiles Are Referred From Adjacent Drillholes & Geophysical Survey Results

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.	Fig 2.5a
		REV	---



FOR CONTINUATION SEE FIGURE 3.5A

FOR CONTINUATION FIGURE 3.5C

- Legend:**
- 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
 - 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

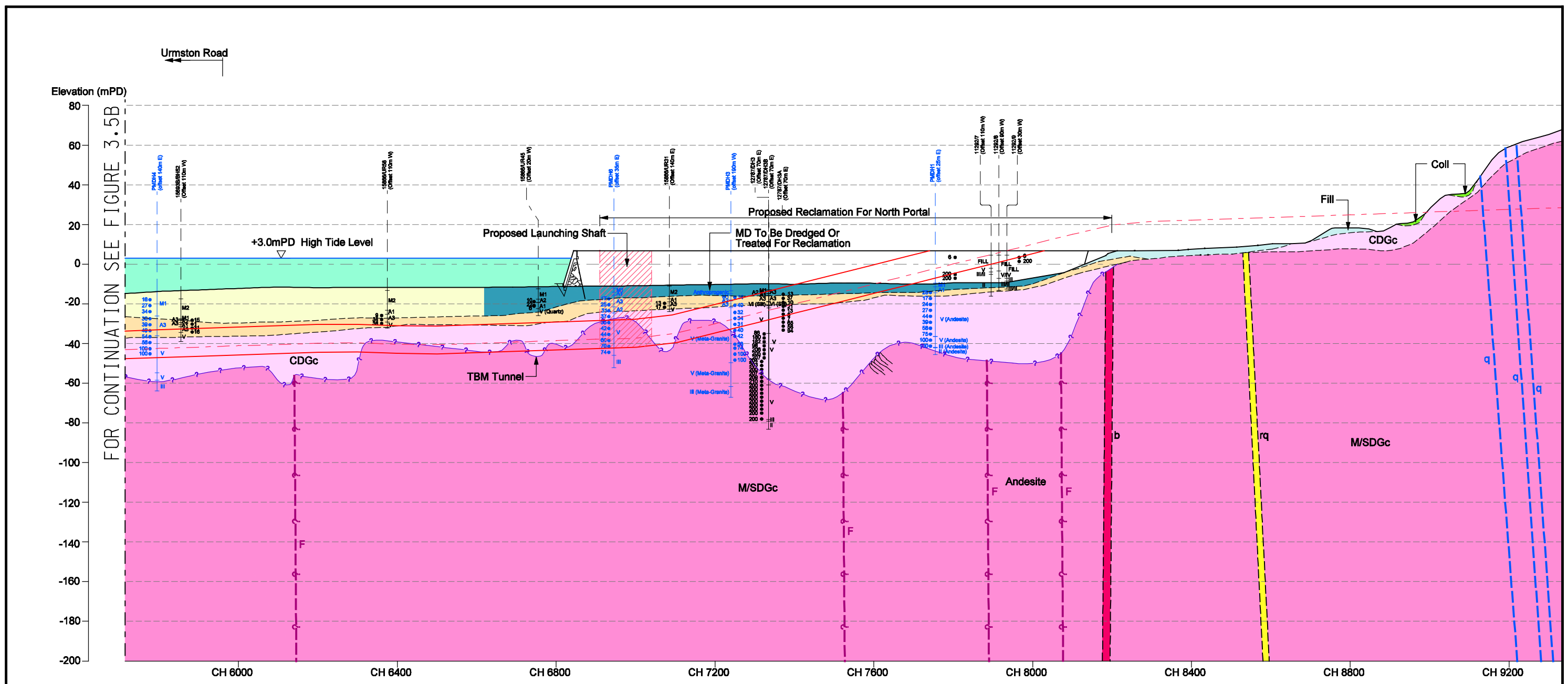
Note:
 Rockhead Level & Material Profiles Are Referred From Adjacent Drillholes & Geophysical Survey Results

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

SCALE	AS SHOWN	DATE	APR. 2009
CHECK	---	DRAWN	CL
JOB No.	60044963	DRAWING No.	Fig 2.5b
		REV	---

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

p:\projects\60045854\DRAWING\WP31\090427\FIGURE 3.5B.dgn



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 bar	4.22	4.04 - 4.22 bar	4.04 3.95 - 4.04 bar
MAX. PRESSURE (BAR)	4.74 - 5.26 bar	4.74 - 4.82 bar	4.82	4.64 - 4.82 bar	4.64 4.55 - 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

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

Legend:

- Current Drillhole
- Existing Drillhole
- M - Marine Deposit } 1 Clay
- A - Alluvial Deposit } 2 Silt
- V - Completely Decomposed Rocks } 3 Sand
- IV - Highly Decomposed Rocks
- III - Moderately Decomposed Rocks
- II - Slightly Decomposed Rocks
- ₂₀ - SPT N Value

SCALE	AS SHOWN	DATE	APR. 2009
CHECK	---	DRAWN	CL
JOB No.	60044963	DRAWING No.	Fig 2.5c
		REV	---