

LEGEND

- PROPOSED ELEVATED STATIONS
- PROPOSED UNDERGROUND STATIONS
- EXISTING GROUND PROFILE
- PROPOSED SSP LINE PROFILE

*Vertical scale exaggerated



Figure 5-1

Elevation along the SSP Line (Station S01 to Station S19 and Station S23 to Station S36)

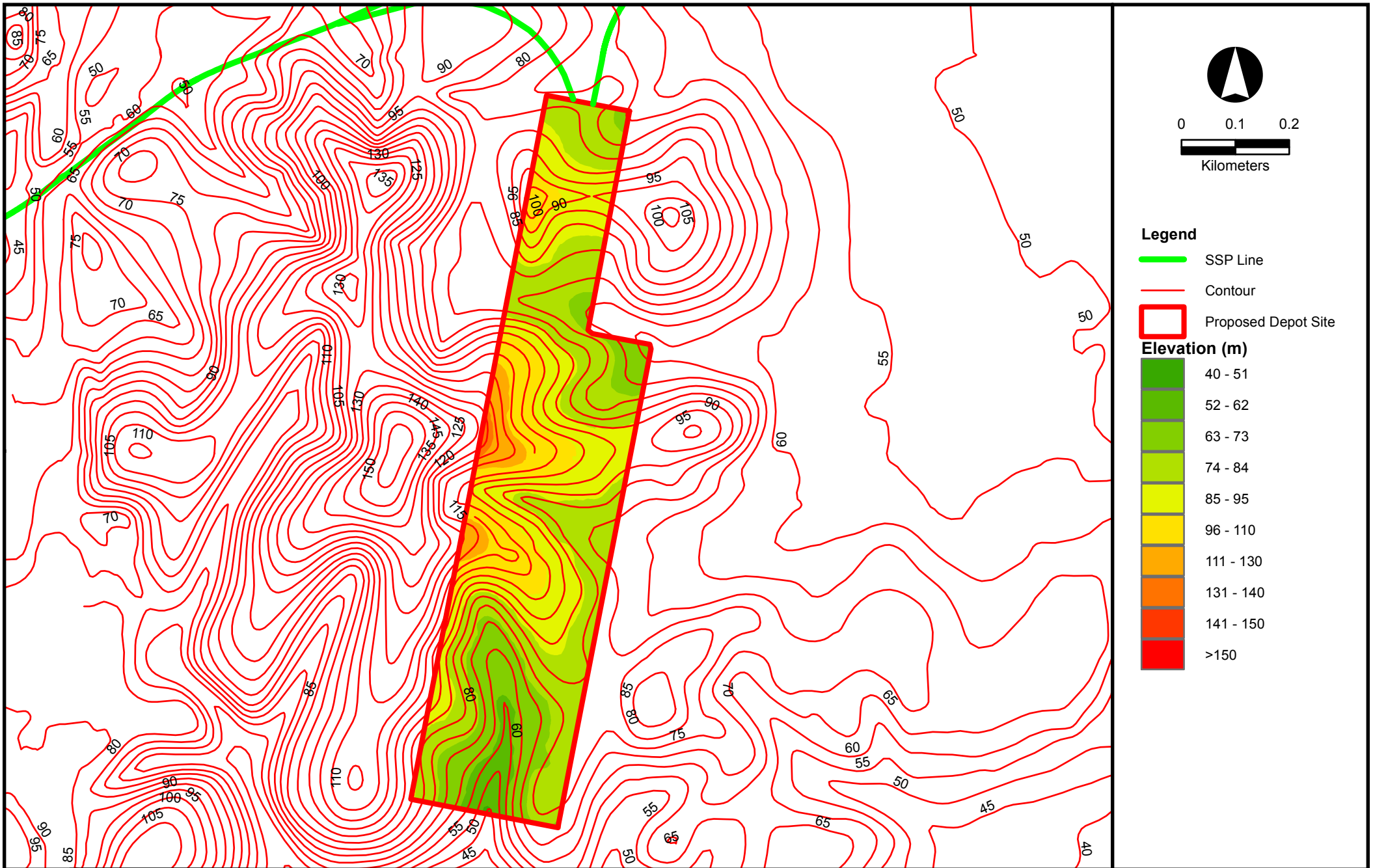
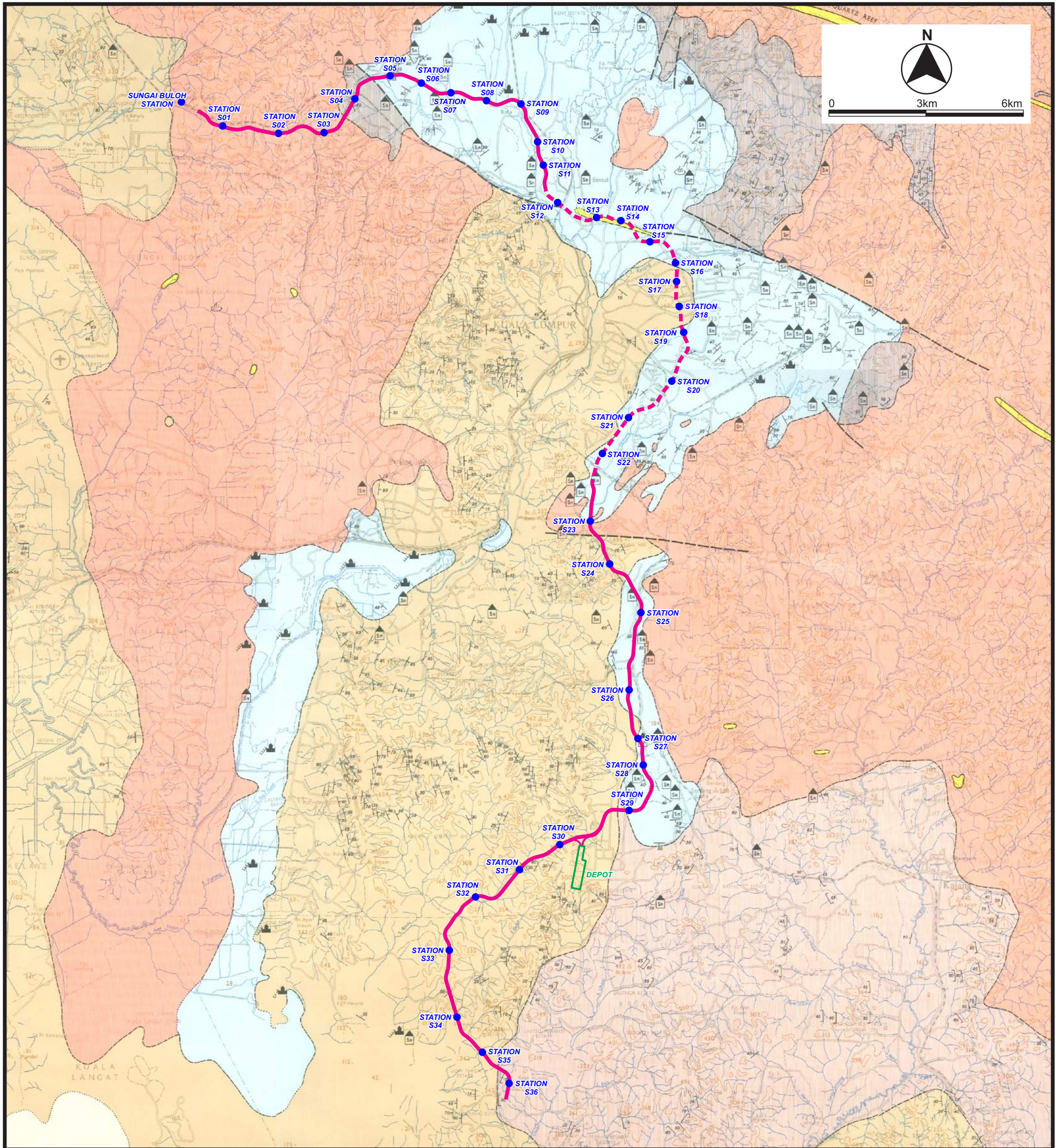


Figure 5-2

Topography At Proposed Depot Site



- LEGEND**
- SSP LINE (ELEVATED)
 - - - SSP LINE (UNDERGROUND)
 - STATION

AGE	FORMATION	LITHOLOGY
QUATERNARY	ALLUVIUM	Alluvium
MESOZOIC OR YOUNGER	GRANITE AND ITS DIFFERENTIATES	(v) Vein Quartz (g) Granite Rock
PERMIAN - CARBONIFEROUS P PERHAPS TRIASSIC PP	KENNY HILL FORMATION	Quartzite and Phyllite
MIDDLE - UPPER - SILURIAN PERHAPS DEVONIAN PP	KAAKANG FORMATION	Schist with other intercalations of Limestone (marble) and Phyllite
MIDDLE - UPPER SILURIAN	KUALA LUMPUR LIMESTONE	(a) Limestone (variable) with minor intercalation of Phyllite (b) Limestone (soft)
	HAWTHORNDEN FORMATION	Phyllite and Schist

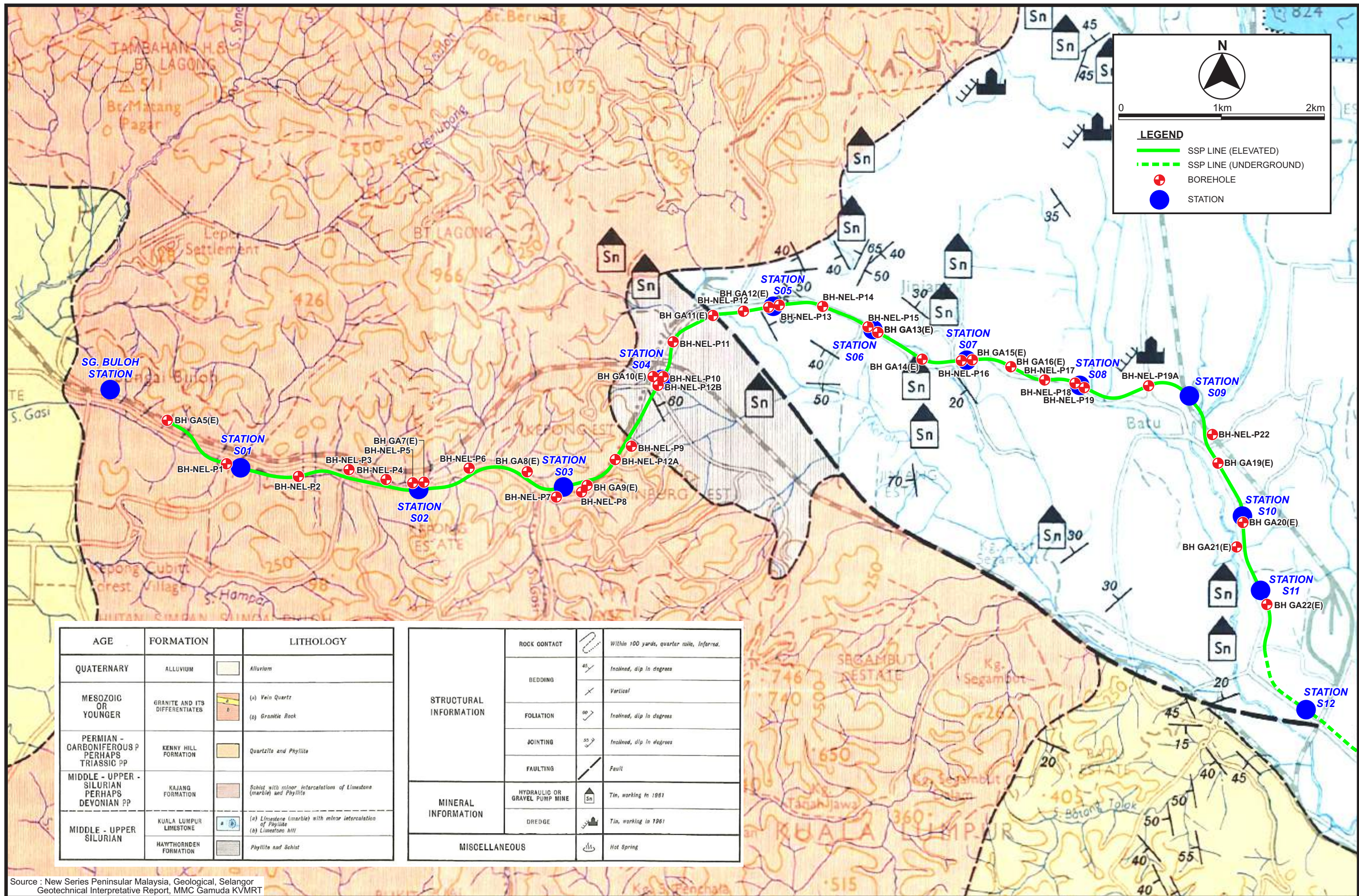
STRUCTURAL INFORMATION	ROCK CONTACT		Within 100 yards, quarter mile, Inferred.
	BEDDING		Inclined, dip in degrees
	FOLIATION		Vertical
	JOINTING		Inclined, dip in degrees
	FAULTING		Fault
MINERAL INFORMATION	HYDRAULIC OR GRAVEL PUMP MINE		Tin, working in 1981
	DREDGE		Tin, working in 1951
MISCELLANEOUS			Hot Spring

Source : New Series, Peninsular Malaysia Geological, Sheet 94, Kuala Lumpur



Figure 5-3

Geology Along the Proposed SSP Line



AGE	FORMATION	LITHOLOGY
QUATERNARY	ALLUVIUM	Alluvium
MESOZOIC OR YOUNGER	GRANITE AND ITS DIFFERENTIATES	(a) Vein Quartz (b) Granitic Rock
PERMIAN - CARBONIFEROUS P PERHAPS TRIASSIC PP	KENNY HILL FORMATION	Quartzite and Phyllite
MIDDLE - UPPER - SILURIAN PERHAPS DEVONIAN PP	KAJANG FORMATION	Schist with minor intercalations of Limestone (marble) and Phyllite
MIDDLE - UPPER SILURIAN	KUALA LUMPUR LIMESTONE	(a) Limestone (marble) with minor intercalation of Phyllite (b) Limestone hill
	HAWTHORNDEN FORMATION	Phyllite and Schist

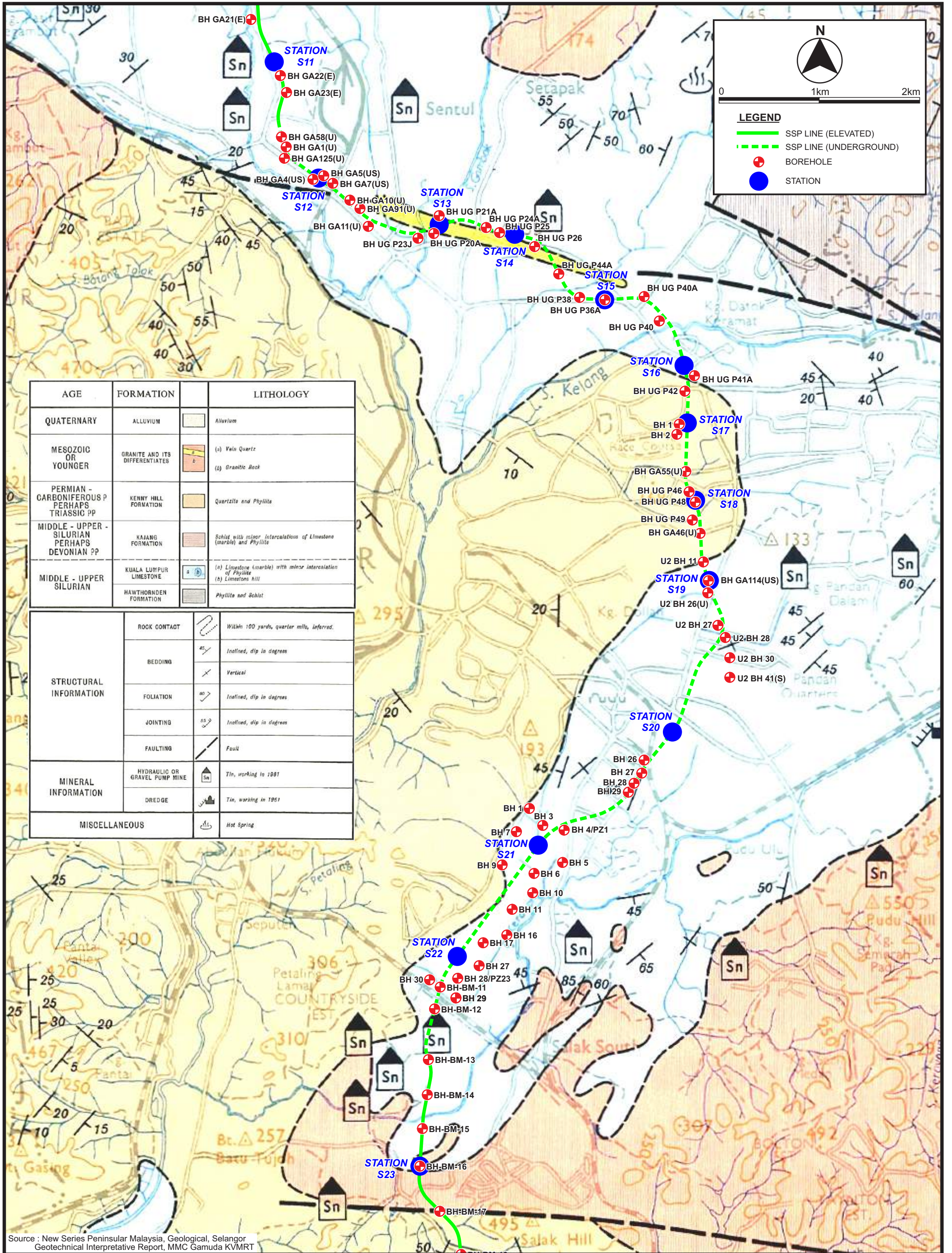
STRUCTURAL INFORMATION	ROCK CONTACT		Within 100 yards, quarter mile, Inferred.
	BEDDING		Inclined, dip in degrees
	FOLIATION		Vertical
	JOINTING		Inclined, dip in degrees
	FAULTING		Fault
MINERAL INFORMATION	HYDRAULIC OR GRAVEL PUMP MINE		Tin, working in 1981
	DREDGE		Tin, working in 1961
MISCELLANEOUS		Hot Spring	

Source : New Series Peninsular Malaysia, Geological, Selangor Geotechnical Interpretative Report, MMC Gamuda KVMRT



Figure 5-4a

Location of Boreholes - Northern Elevated Segment (NES)



AGE	FORMATION		LITHOLOGY
QUATERNARY	ALLUVIUM		Alluvium
MESOZOIC OR YOUNGER	GRANITE AND ITS DIFFERENTIATES		(a) Vein Quartz (b) Granitic Rock
PERMIAN - CARBONIFEROUS P PERHAPS TRIASSIC PP	KENNY HILL FORMATION		Quartzite and Phyllite
MIDDLE - UPPER - SILURIAN PERHAPS DEVONIAN PP	KAJANG FORMATION		Schist with minor intercalations of Limestone (marble) and Phyllite
MIDDLE - UPPER SILURIAN	KUALA LUMPUR LIMESTONE		(a) Limestone (marble) with minor intercalation of Phyllite (b) Limestones hill
	HAWTHORN DEN FORMATION		Phyllite and Schist

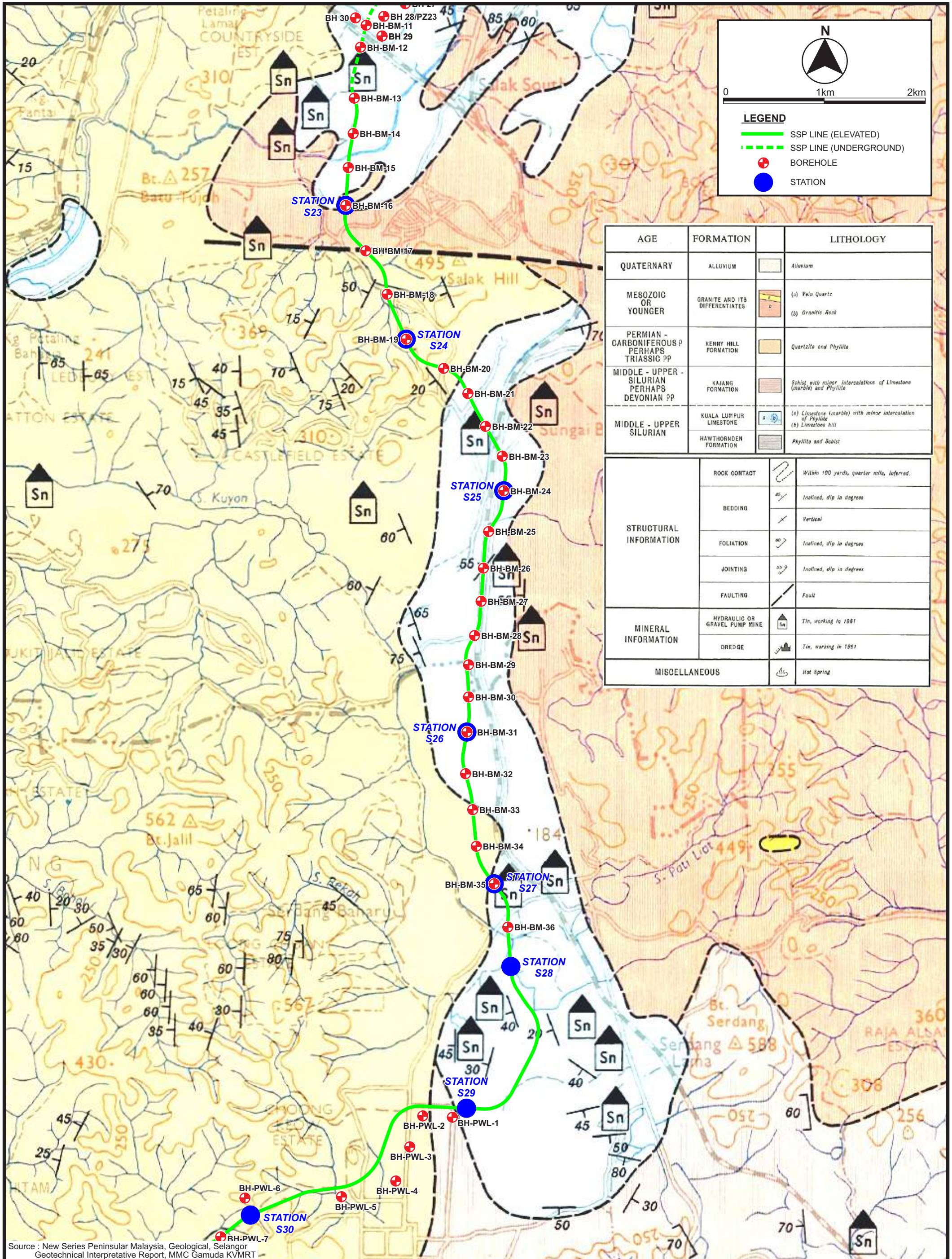
STRUCTURAL INFORMATION	ROCK CONTACT		Within 100 yards, quarter mile, inferred.
	BEDDING		Inclined, dip in degrees
	FOLIATION		Vertical
	JOINTING		Inclined, dip in degrees
	FAULTING		Fault
MINERAL INFORMATION	HYDRAULIC OR GRAVEL PUMP MINE		Tin, working in 1981
	DREDGE		Tin, working in 1961
MISCELLANEOUS			Hot Spring

Source : New Series Peninsular Malaysia, Geological, Selangor Geotechnical Interpretative Report, MMC Gamuda KVMRT



Figure 5-4b

Location of Boreholes - Underground Segment (UGS)

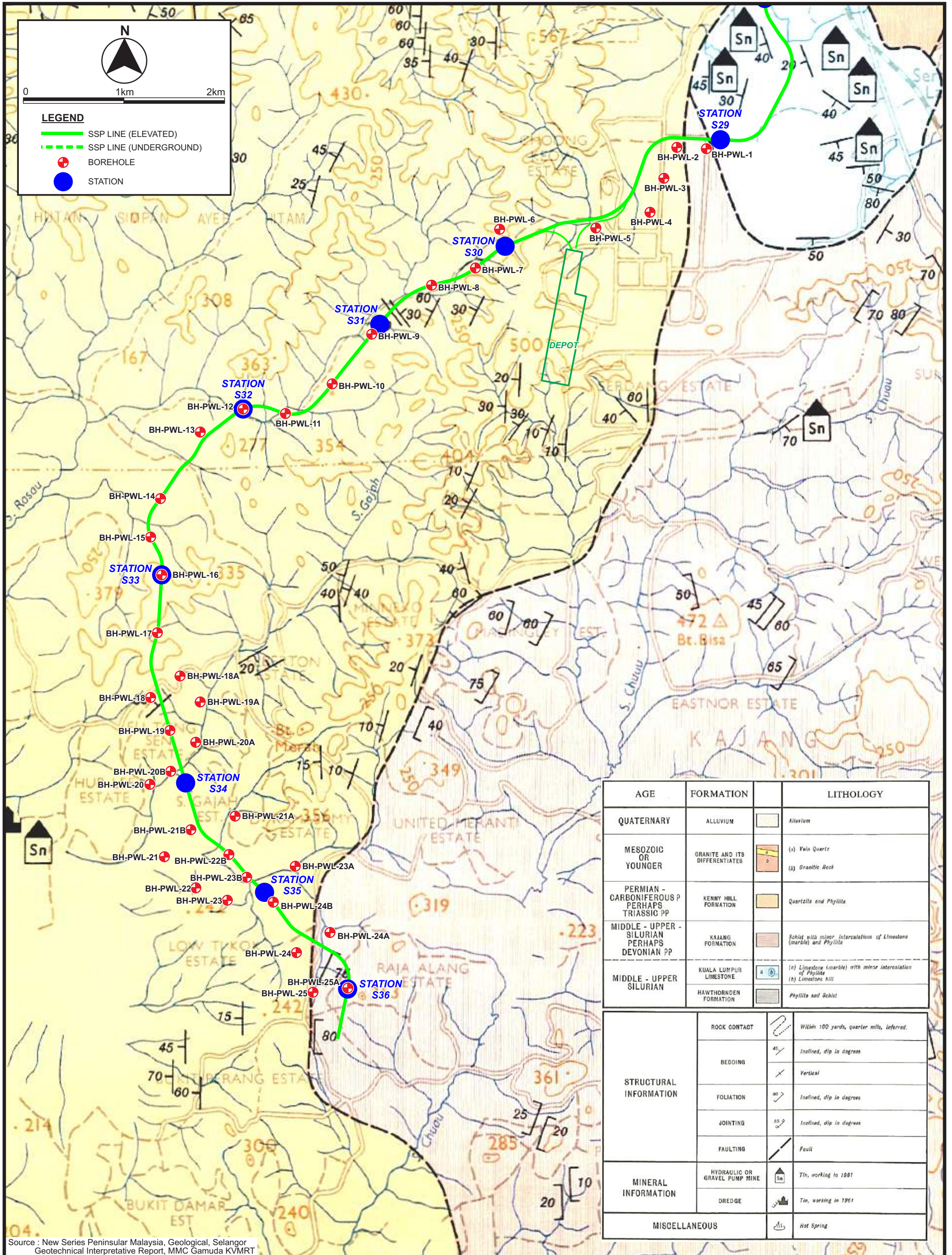


Source : New Series Peninsular Malaysia, Geological, Selangor Geotechnical Interpretative Report, MMC Gamuda KVMRT



Figure 5-4c

Location of Boreholes - Southern Elevated Segment 1 (SES 1)

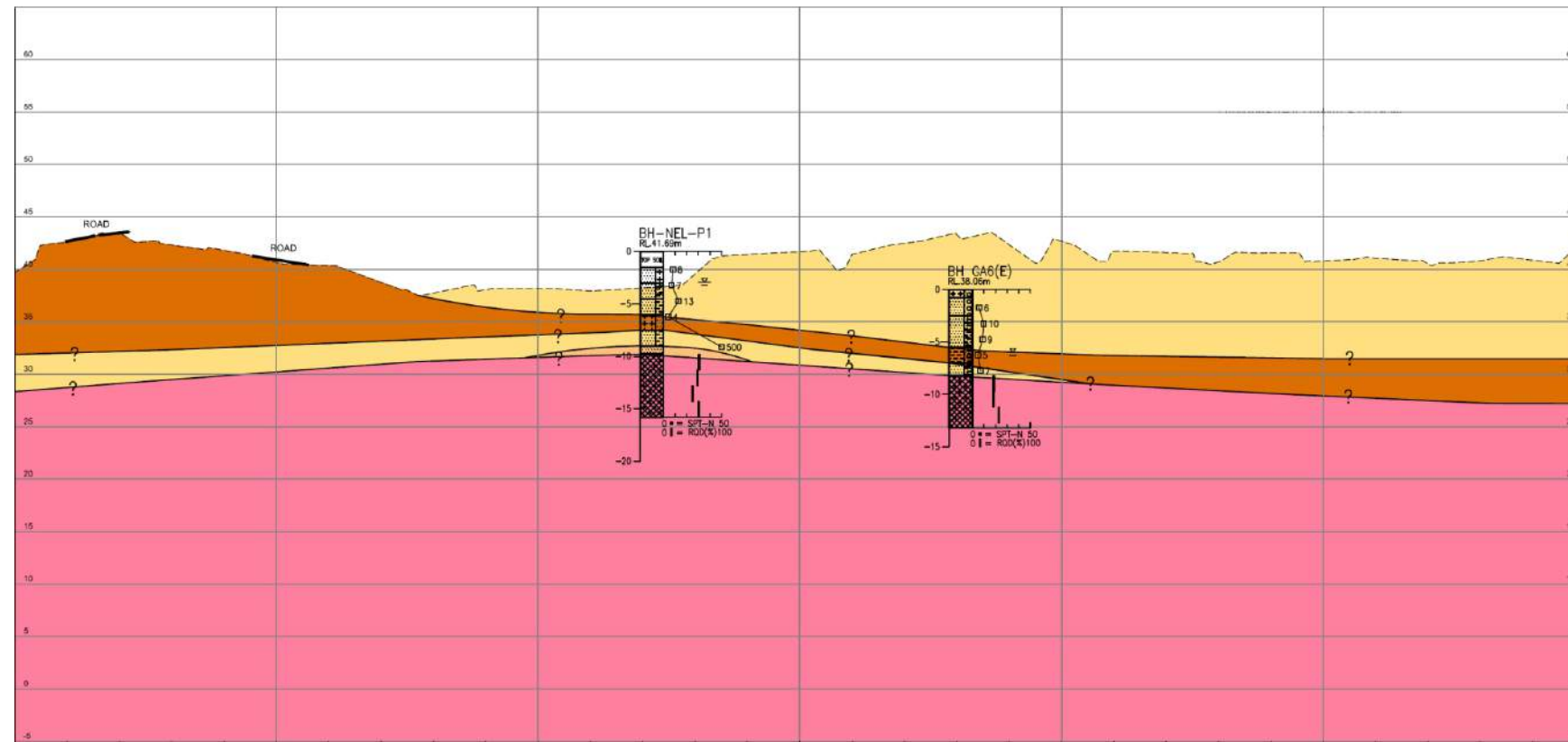


Source : New Series Peninsular Malaysia, Geological, Selangor Geotechnical Interpretative Report, MMC Gamuda KVMRT

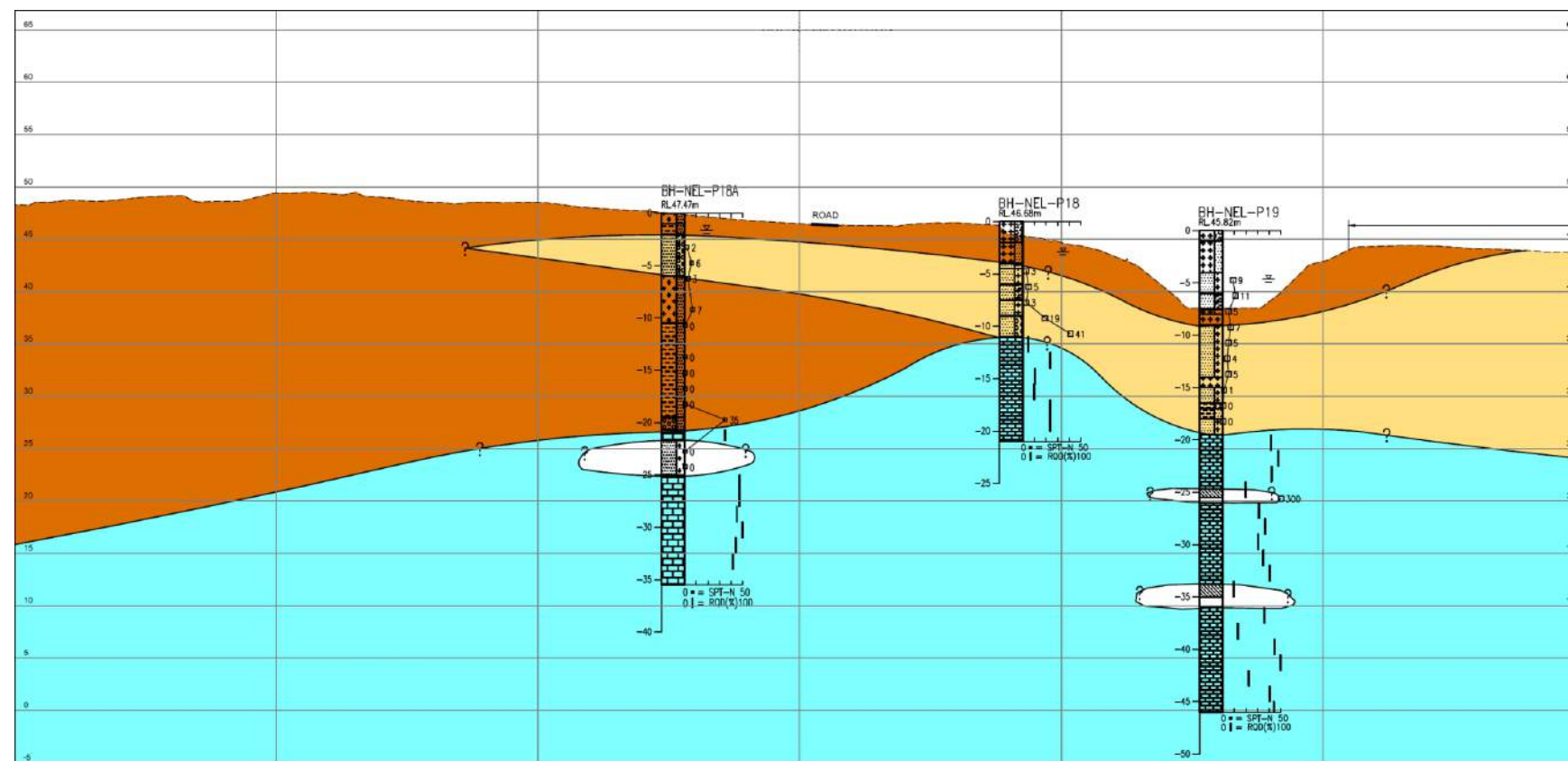


Figure 5-4d

Location of Boreholes - Southern Elevated Segment 2 (SES 2)



Granite Formation at Station S01 (Damansara Damai)



Limestone Formation at Station S08 (Sri Delima)

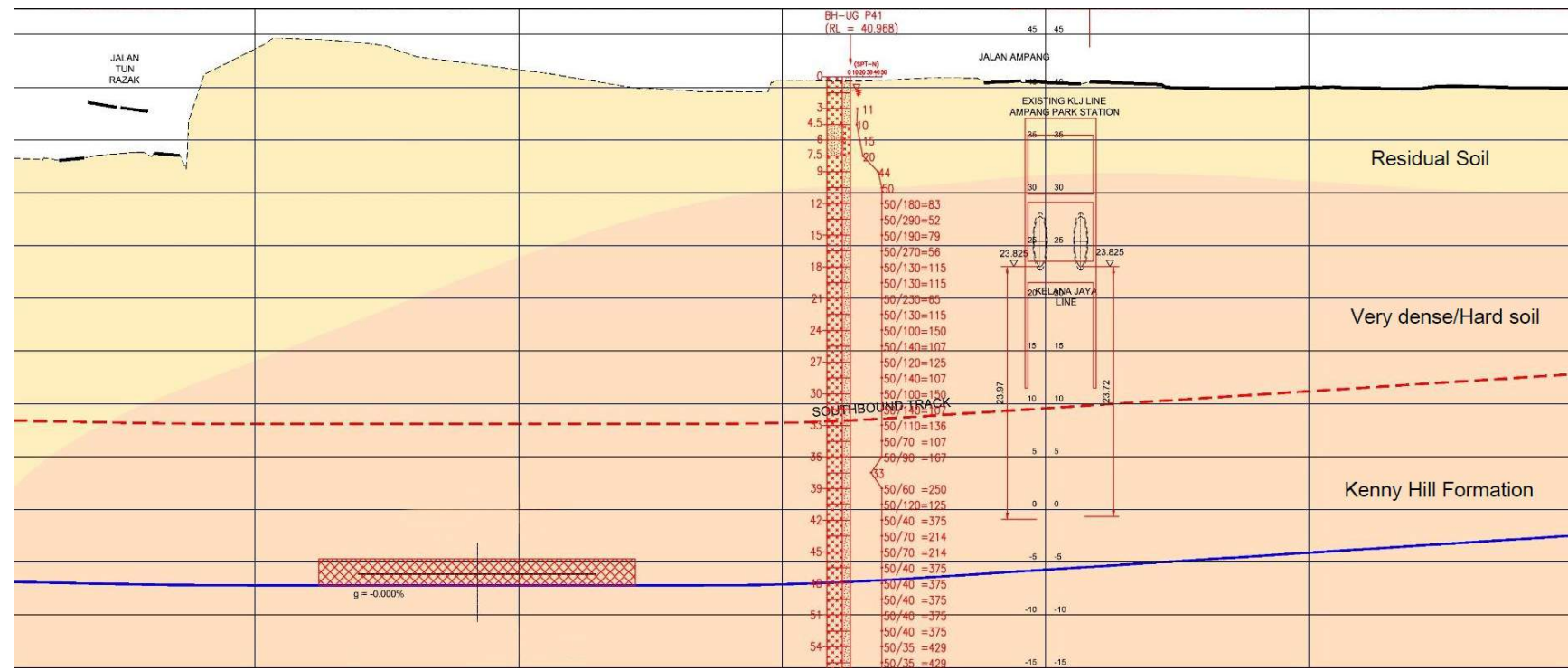
- LEGEND FOR SOIL/ROCK PROFILE:**
- PREDOMINANTLY GRANULAR MATERIAL (PG)
 - PREDOMINANTLY COHESIVE MATERIAL (PC)
 - VERY DENSE/HARD SOIL (SPT N > 50)
 - KENNY HILL FORMATION
 - CAVITY
 - LIMESTONE
 - GRANITE
 - INTERPRETED GROUNDWATER LEVEL

Source : MMC Gamuda KVMRT

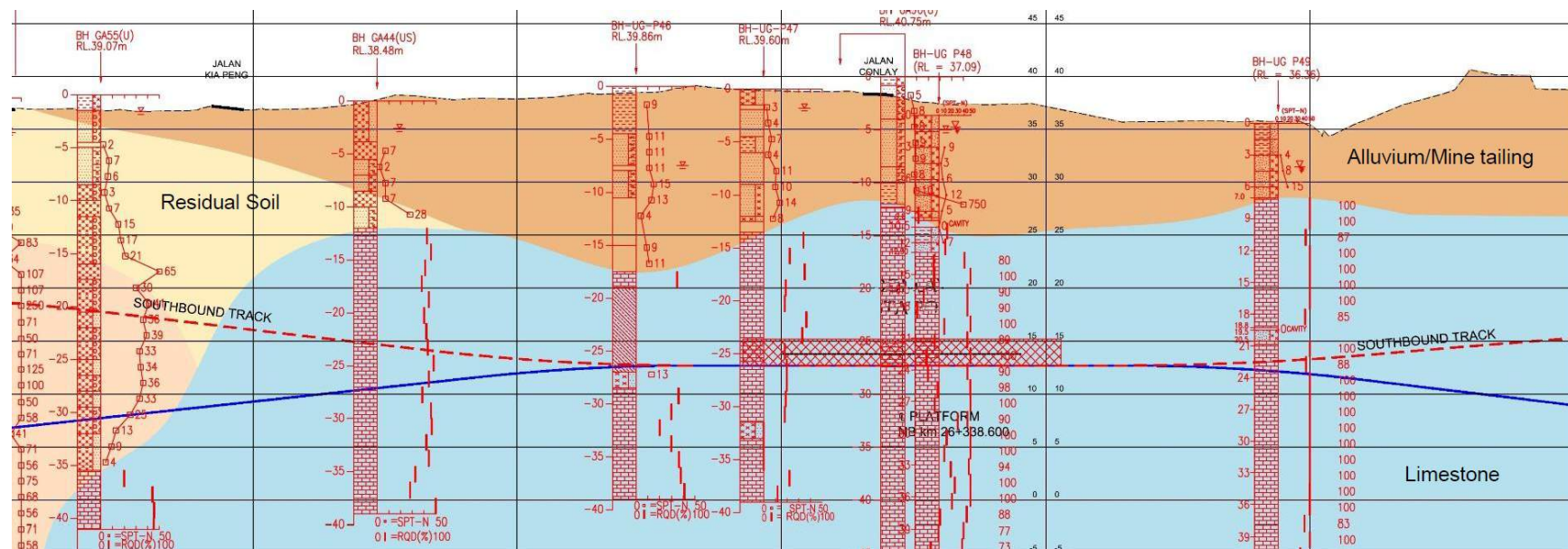


Figure 5-5

Northern Elevated Segment - Typical Soil Profile



Kenny Hill Formation at Station S16 (Ampang Park)



KL Limestone Formation at Station S18 (Conlay)

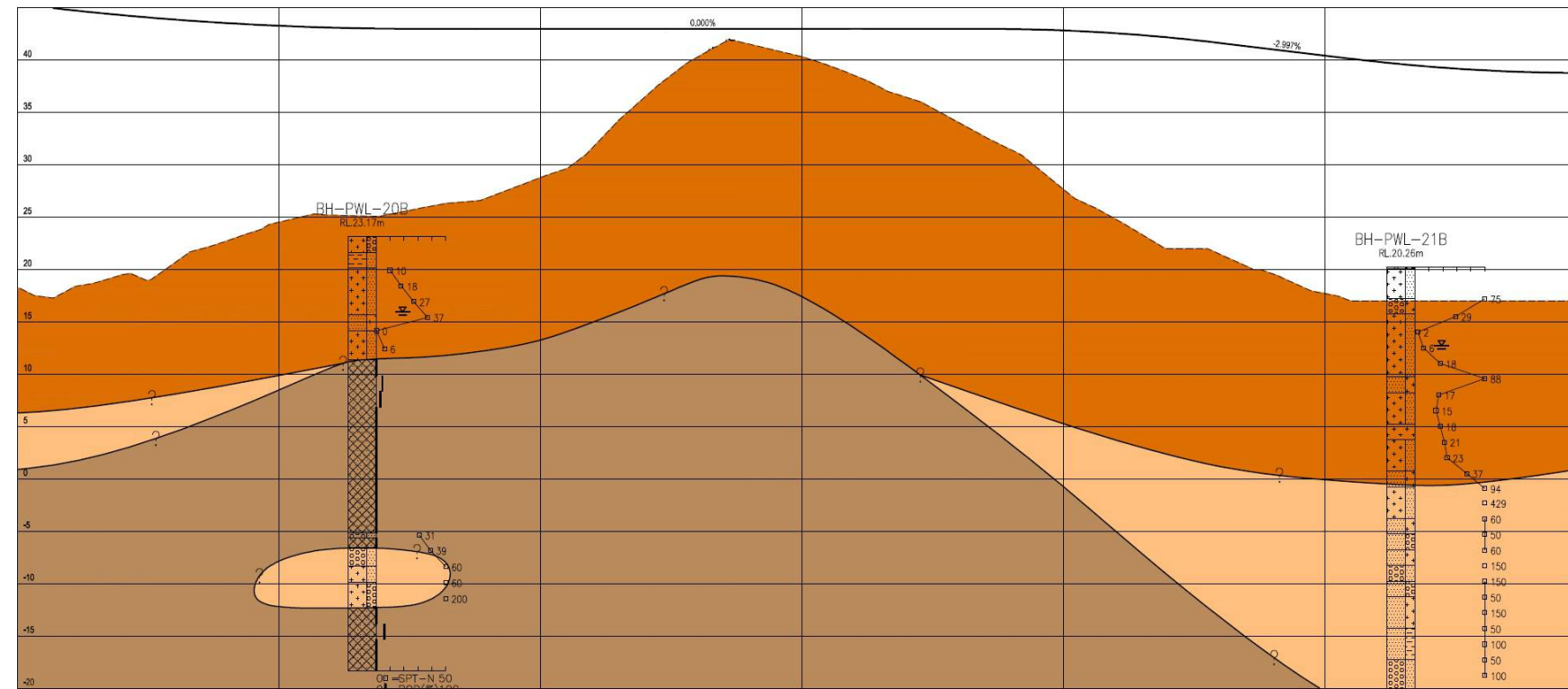
- LEGEND FOR SOIL/ROCK PROFILE:**
- PREDOMINANTLY GRANULAR MATERIAL (PG)
 - PREDOMINANTLY COHESIVE MATERIAL (PC)
 - VERY DENSE/HARD SOIL (SPT N>50)
 - KENNY HILL FORMATION
 - CAVITY
 - LIMESTONE
 - GRANITE
 - INTERPRETED GROUNDWATER LEVEL

Source : MMC Gamuda KVMRT

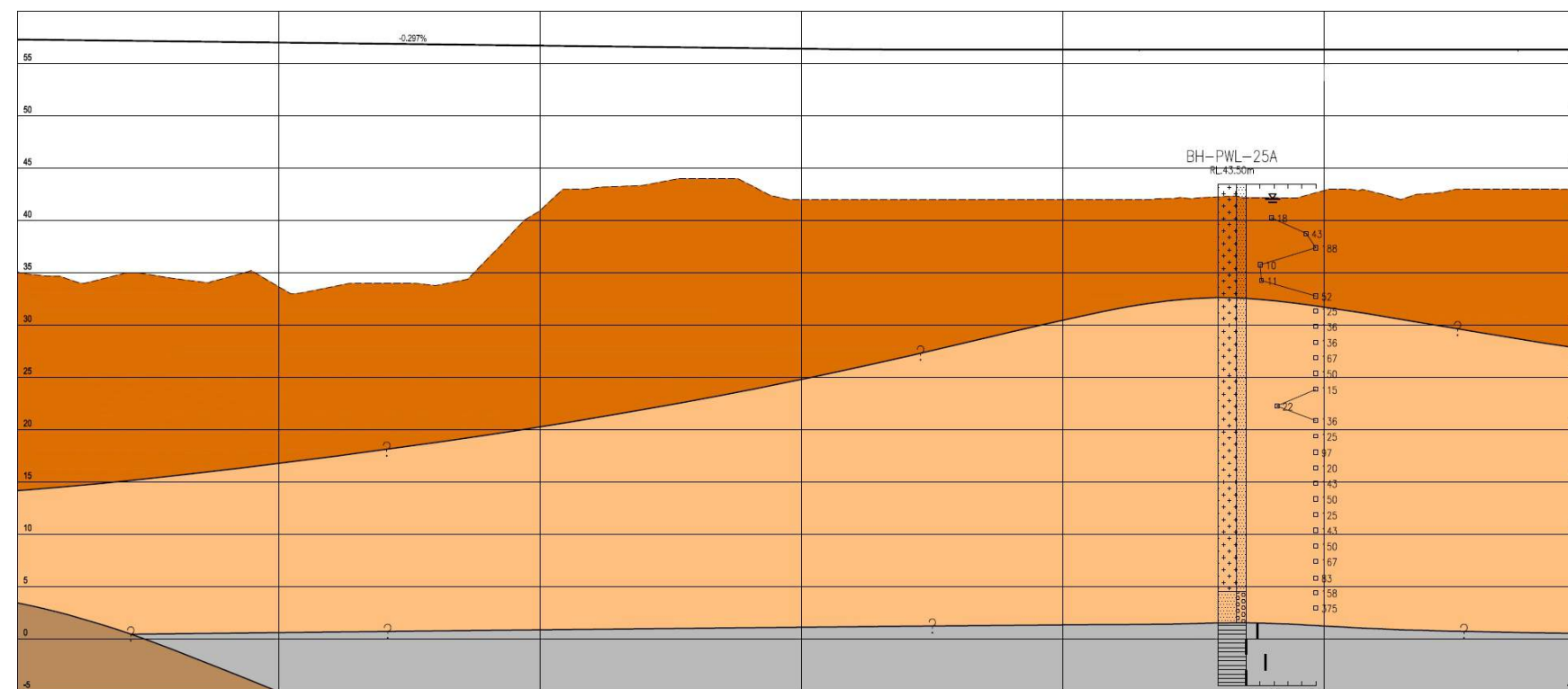


Figure 5-6

Underground Segment - Typical Soil Profile



Kenny Hill Formation at Station S34 (Cyberjaya North)



Jelebu Schist Formation at Station S36 (Putrajaya Sentral)

LEGEND FOR SOIL/ROCK PROFILE:	
	PREDOMINANTLY GRANULAR MATERIAL (PG)
	PREDOMINANTLY COHESIVE MATERIAL (PC)
	VERY DENSE/HARD SOIL (SPT N>50)
	KENNY HILL FORMATION
	JELEBU SCHIST FORMATION

Source : MMC Gamuda KVMRT



Figure 5-7

Shothen Elevated Segment 2 - Typical Soil Profile