

EXPLANATION

QUATERNARY		Marine and continental deposits: clay, silt, sand, peat with minor gravel. Basalt of Early Pleistocene age in the Kuantan area.
TERTIARY		Isolated continental basin deposits of Late Tertiary age: shale, sandstone, Conglomerate and minor coal seams. Volcanics in the Segamat area.
CRETACEOUS-JURASSIC		Continental deposits of thick, cross-bedded sandstone with subordinate conglomerate and shale/mudstone. Volcanics are locally present.
TRIASSIC		Interbedded sandstone, siltstone and shale; widespread volcanics, mainly tufts of rhyolitic to dacitic composition in Central Peninsula. Limestone prominent in lower part of the succession. Conglomerate and chert locally prominent.
PERMIAN		Phyllite, slate and shale with subordinate sandstone and schist. Prominent development of limestone throughout the succession. Volcanics, rhyolitic to andesitic in composition, widespread.
CARBONIFEROUS		Phyllite, slate, shale and sandstone; argillaceous rock are commonly carbonaceous. Locally prominent development of limestone. Volcanics of acid to intermediate composition locally present.
DEVONIAN		Phyllite, schist and slate; limestone sandstone locally prominent. Some interbeds of conglomerate, chert and rare volcanics.
SILURIAN-ORDOVICIAN		Schist, phyllite, slate and limestone. Minor intercalations of sandstone and volcanics.
CAMBRIAN		Sandstone/metasediment with subordinate siltstone, shale and minor conglomerate.

LITHOLOGY

Unconsolidated Deposits

	Sand (mainly Marine)
	Clay and Silt (Marine)
	Peat, Humic, Clay & Silt
	Clay, Silt, Sand & Gravel – Undifferentiated (Continental)

Sedimentary & Metamorphic Rocks

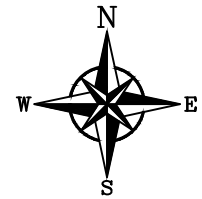
	Shale, Mudstone, Siltstone, Phyllite, Slate & Hornfels
	Sandstone/Metasandstone
	Conglomerate
	Limestone/Marble
	Schist

Extrusive Rocks

	Ignimbrite
	Acid to Intermediate Volcanics: mainly Pyroclastics, Rhyolitic to Dacitic Composition
	Volcanics: Mainly Pyroclastic

Intrusive Rocks

	Acid Intrusives (Undifferentiated)
	Intermediate Intrusives (Undifferentiated)
	Intermediated Intrusives (Undifferentiated)
	Ultrabasic Intrusives, Commonly Altered, to Serpentine
	Vein Quartz



Legend:

SYMBOLS

	International Boundary
	State Boundary
	Road
	Plus Highway
	Railway
	River
	Fault Line

Title:

Geological Map of the Project site

Project:

Proposed Onsite Secure Landfill (Prescribed Premise) for the Storage of NUF Solids within the Existing LAMP Site located on PT 17212, Gebeng Industrial Estate, Kuantan, Pahang

Project Proponent:

Lynas Malaysia Sdn. Bhd.

Consultant:



Job No.:

AGV-MY-R37-0145

Date:

February 2019

Dwg Size:

A4

Scale:

Not to Scale

Dwg No.:

Figure 6.3