

LITHOLOGY (REGOLITH)	DESCRIPTION
NS	No Site Found/No Sample taken - Refers to collection of historical drill chips
<u>PC</u>	<i>Palaeochannel</i>
<u>UKN</u>	<i>Unknown</i>
<u>AL</u>	<i>Alluvium</i>
<u>CL</u>	<i>Clay</i>
<u>L</u>	<i>Laterite</i>
<u>OCC</u>	<i>Overburden Chemical Calcrete</i>
<u>OCE</u>	<i>Overburden Chemical Evaporite</i>
<u>OCH</u>	<i>Overburden Chemical Hardpan</i>
<u>OCS</u>	<i>Overburden Chemical Silcrete</i>
<u>OFC</u>	<i>Overburden Ferricrete</i>
<u>OLR</u>	<i>Duricrust - Undiff (Previously: Lateritic Residuum)</i>
<u>OLRR</u>	<i>Duricrust in Residual Profile</i>
<u>OLRT</u>	<i>Duricrust in Transported Profile</i>
<u>OLT</u>	<i>Overburden Laterite Gravel</i>
<u>OR</u>	<i>Overburden Residual</i>
<u>ORE</u>	<i>Overburden Residual Eluvium</i>
<u>ORL</u>	<i>Overburden Residual Lateritic Gravels</i>
<u>OS</u>	<i>Overburden Soil (Undifferentiated)</i>
<u>OSC</u>	<i>Overburden Soil (Pedogenic Carbonate)</i>
<u>OSR</u>	<i>Overburden Soil (Residual)</i>
<u>OST</u>	<i>Overburden Soil (Transported)</i>
<u>OT</u>	<i>Overburden Transported (Undifferentiated)</i>
<u>OTA</u>	<i>Overburden Transported Alluvium</i>
<u>OTAC</u>	<i>Overburden Transported Alluvium - Clay-rich</i>
<u>OTAF</u>	<i>Overburden Transported Alluvium - Ferruginous</i>
<u>OTAG</u>	<i>Overburden Transported Alluvium - Gravel (+/-pisolites)</i>
<u>OTAL</u>	<i>Overburden Transported Alluvium - Lignite</i>
<u>OTAS</u>	<i>Overburden Transported Alluvium - Sand</i>
<u>OTC</u>	<i>Overburden Transported Colluvium</i>
<u>OTCF</u>	<i>Overburden Transported Palaeochannel Clay - Ferruginous</i>
<u>OTCK</u>	<i>Overburden Transported Palaeochannel Clay - Kaolinitic (pallid zone; non plastic)</i>
<u>OTCL</u>	<i>Overburden Transported Colluvium (Ferruginous lateritic)</i>
<u>OTCM</u>	<i>Overburden Transported Palaeochannel Clay - Plastic; mottled +/-pisolites</i>
<u>OTCP</u>	<i>Overburden Transported Pisolithic Clay</i>
<u>OTFG</u>	<i>Overburden Transported Ferruginous Gravels</i>
<u>OTL</u>	<i>Overburden Transported Lateritic Gravels</i>
<u>OTPC</u>	<i>Overburden Transported Pisolithic Gravel - Consolidated (looks like laterite hardcap)</i>
<u>OTSW</u>	<i>Overburden Transported Sheetwash Plain</i>
<u>OTW</u>	<i>Overburden Transported Aeolian Material</i>
<u>RDX</u>	<i>REDOX Zone</i>
<u>LP</u>	<i>Pedolith - Pallid</i>
<u>LF</u>	<i>Pedolith - Lateritic Ferricrete</i>
<u>LGU</u>	<i>Pedolith - Lateritic Gravels (Unconsolidated)</i>
<u>LGV</u>	<i>Pedolith - Lateritic Gravel</i>
<u>CLM</u>	<i>Pedolith - Mottled (Undiff)</i>
<u>CLMR</u>	<i>Pedolith - Mottled in Residual profile</i>
<u>CLMT</u>	<i>Pedolith - Mottled in Transported profile</i>
<u>LS</u>	<i>Saprolith - Saprolite (Undifferentiated)</i>
<u>LSC</u>	<i>Saprolith - Upper Saprolite Clay (primary fabric destroyed; goethite+haematite clays)</i>
<u>LSL</u>	<i>Saprolith - Lower Saprolite (primary fabric preserved; clay >20%)</i>

LSP

LSR

LSU

LITHOLOGY (BEDROCK)

S	Sedimentary Rocks (Undifferentiated)
SA	Arenite (<20% matrix)
SAF	Arenite - Feldspathic (<90% Quartz-%Feldspar > %Lithics)
SAI	Arenite - Intermediate (hornblende-rich; <20% fine-grained matrix)
SAL	Arenite - Lithic (<90% Quartz-%Lithics > %Feldspar)
SAQ	Arenite - Quartz (>90% Quartz)
SASH	Sandstone & Shale - Interbedded
SASL	Sandstone & Siltstone - Interbedded
SC	Conglomerate (Undifferentiated)
SCCT	Conglomerate - Chert-rich clasts
SCF	Conglomerate - Felsic (igneous and/or volcanic clasts)
SCI	Conglomerate - Intermediate (igneous and/or volcanic clasts)
SCM	Conglomerate - Ultramafic and Mafic (igneous and/or volcanic clasts)
SCP	Conglomerate - Polymict (igneous and/or volcanic clasts)
SCT	Sedimentary Chert
SG	Grit (Undifferentiated)
SGF	Grit - Feldspathic (<90% Quartz-%Feldspar > %Lithics)
SGI	Grit - Intermediate (hornblende-rich; <20% fine-grained matrix)
SGL	Grit - Lithic (<90% Quartz-%Lithics > %Feldspar)
SGP	Grit - Polymict
SGQ	Grit - Quartz (>90% Quartz)
SHCC	Shale - Carbonaceous
SHL	Shale (Undifferentiated)
SIF	Banded Iron Formation
SMD	Mudstone
SPEP	Peperite
SSL	Siltstone (Undifferentiated)
SSLC	Siltstone - Carbonaceous
SSLH	Siltstone & Shale - Interbedded
SSP	Spongolite or Spicularite
SST	Sandstone (<20% matrix)
SSTF	Sandstone - Feldspathic
SSTL	Sandstone - Lithic
SSTQ	Sandstone - Quartz
SW	Wacke (Undifferentiated)
SWF	Wacke - Feldspathic (<90% Quartz-%Feldspar > %Lithics)
SWI	Wacke - Intermediate (hornblende-rich; <20-50% fine-grained matrix)
SWL	Wacke - Lithic (<90% Quartz-%Lithics > %Feldspar)
SWQ	Wacke - Quartz (>90% Quartz)
SX	Sedimentary Breccia (Undifferentiated)
SXF	Sedimentary Breccia - Felsic
SXI	Sedimentary Breccia - Intermediate
SXM	Sedimentary Breccia - Mafic
SXP	Sedimentary Breccia - Polymict
SD	Dolomite
SDT	Diamictite/Tillite
SE	Evaporite (Undifferentiated)
SL	Limestone

Saprolith - Oxidised Lower Saprolite (primary fabric preserved; clay >20%)

Saprolith - Saprock (fresh rock fragments; clays<20%)

Saprolith - Upper Saprolite Clay (primary fabric destroyed; leached kaolinite+goethite clays)