			1.0 REGOLITH	
1.1	Pedolith	1.2	Saprolith	
	Soil, undifferentiated	Rit	Saprolite, clay/claystone	+/- relic textures
	Soil, residual	Rsr	Saprock, relic textures	
	Colluvium, undifferentiated	Rih	saprolith, undifferentiated	
	Colluvium, proximal	_1		
	Colluvium, distal		nt rock vaguely identifiable,	
Rcs Rlm	Colluvium as sheetwash Loam	RMcy RFcy	ex mafic clay(stone) ex felsic clay(stone)	
	Sand	IXI Cy	ex reisic clay(storie)	
	Aeolian Sand, sheet	bl pare	nt rock broadly identifiable	
	Aeolian Sand, dunes	Rmit	Mafic saprolite	
Ral	Alluvium	RFsr	Felsic saprock	
_	Gravel			
	Scree/talus		ively identifiable	
	Transported o'burden undiff		ex chlorite schist	
Rhp Rlt	Hardpan, undifferentiated  Laterite, undifferentiated	Risqzs	c ex felspar quartz schist	
Rlg	Laterite, gravel	In a situ	uation where the regolith profil	e helonas to different
	Laterite, duricrust		ne R prefix can be supplanted	
Rsi	Silcrete		eg a deeply weathered Quater	
	Calcrete, calcareous soil		naean rocks lateritised during	
Rcc	Calcrete, valley		sed as follows:	•
Rfc	Ferricrete	QTfe	}	
	Ironstone	QTal	} Quaternary TOB	
	Gossan Magnesite	QTlg TYld	}	Tertiany regolith
	Magnesite Mottled zone	TYMZ	<i>}</i>	Tertiary regolith overprinting
	Clay, claystone	Tyit	}	Archaean rocks
	Arenose zone	AMvb	} Archaean bedrock-basalt	
	Plasmic clay, claystone		,	
Rre	Redox boundary			
	pedolith, undifferentiated			
suffix	tes/ps=pisolites/fe=ferruginous/la=lag	0.4 55	1010 ()	Hoo MATIO ( )
2.4	2.0 ROCK TYPES FELSIC		LSIC (cont)	2.2 MAFIC (cont)
2.1		Fvv Fvf	Volcanoclastics undiff Felsic tuff	Mvv Volcanoclastics undiff Mvb Basalt
	Undifferentiated Intrusives undifferentiated	Fiu	Intrusives undifferentiated	Mvt Tholeiite
	Adamellite	Fdi	Diorite	Mvg High Mg Basalt
_	Aplite	Fmz	Monzonite	Mvf Mafic tuff
ı up		1 1112	MONEONIC	
	Granite	Fsv	Svenite	
Fgg	Granite Granitic rocks undifferentiated	Fsy Fto	Syenite Tonalite	Mvfg Mafic tuff, high Mg
Fgg Fgt			•	
Fgg Fgt Fgd Fgy	Granitic rocks undifferentiated Granodiorite Granophyre	Fto Fpr Fva	Tonalite	Mvfg Mafic tuff, high Mg  2.3 ULTRAMAFIC  Uuu Undifferentiated  Uiu Intrusives undifferentiated
Fgg Fgt Fgd Fgy Fpg	Granitic rocks undifferentiated Granodiorite Granophyre Pegmatite	Fto Fpr Fva Fvt	Tonalite Porphyry undifferentiated Andesite Trachyte	Mvfg Mafic tuff, high Mg  2.3 ULTRAMAFIC  Uuu Undifferentiated Uiu Intrusives undifferentiated Ucb Carbonatite
Fgg Fgt Fgd Fgy Fpg Fpy	Granitic rocks undifferentiated Granodiorite Granophyre Pegmatite Porphyry, undifferentiated	Fto Fpr Fva Fvt Fvl	Tonalite Porphyry undifferentiated Andesite Trachyte Latite	Mvfg Mafic tuff, high Mg  2.3 ULTRAMAFIC  Uuu Undifferentiated Uiu Intrusives undifferentiated Ucb Carbonatite Udn Dunite
Fgg Fgt Fgd Fgy Fpg Fpy Ffs	Granitic rocks undifferentiated Granodiorite Granophyre Pegmatite Porphyry, undifferentiated Felspar porphyry	Fto Fpr Fva Fvt Fvl 2.2 MA	Tonalite Porphyry undifferentiated Andesite Trachyte Latite  FIC	Mvfg Mafic tuff, high Mg  2.3 ULTRAMAFIC  Uuu Undifferentiated  Uiu Intrusives undifferentiated  Ucb Carbonatite  Udn Dunite  Ukt Kimberlite
Fgg Fgt Fgd Fgy Fpg Fpy Ffs Fqz	Granitic rocks undifferentiated Granodiorite Granophyre Pegmatite Porphyry, undifferentiated Felspar porphyry Quartz porphyry	Fto Fpr Fva Fvt Fvl <b>2.2 MA</b> Mmu	Tonalite Porphyry undifferentiated Andesite Trachyte Latite FIC Undifferentiated	Mvfg Mafic tuff, high Mg  2.3 ULTRAMAFIC  Uuu Undifferentiated  Uiu Intrusives undifferentiated  Ucb Carbonatite  Udn Dunite  Ukt Kimberlite  Ukm Komatiite
Fgg Fgt Fgd Fgy Fpg Fpy Ffs Fqz Ffq	Granitic rocks undifferentiated Granodiorite Granophyre Pegmatite Porphyry, undifferentiated Felspar porphyry Quartz porphyry Felspar quartz porphyry	Fto Fpr Fva Fvt Fvl 2.2 MA Mmu Miu	Tonalite Porphyry undifferentiated Andesite Trachyte Latite FIC Undifferentiated Intrusives undifferentiated	Mvfg Mafic tuff, high Mg  2.3 ULTRAMAFIC  Uuu Undifferentiated  Uiu Intrusives undifferentiated  Ucb Carbonatite  Udn Dunite  Ukt Kimberlite  Ukm Komatiite  Ulp Lamproite
Fgg Fgt Fgd Fgy Fpg Fpy Ffs Fqz Ffq	Granitic rocks undifferentiated Granodiorite Granophyre Pegmatite Porphyry, undifferentiated Felspar porphyry Quartz porphyry Felspar quartz porphyry Quartz felspar porphyry	Fto Fpr Fva Fvt Fvl 2.2 MA Mmu Miu Man	Tonalite Porphyry undifferentiated Andesite Trachyte Latite FIC Undifferentiated Intrusives undifferentiated Anorthosite	Mvfg Mafic tuff, high Mg  2.3 ULTRAMAFIC  Uuu Undifferentiated Uiu Intrusives undifferentiated Ucb Carbonatite Udn Dunite Ukt Kimberlite Ukm Komatiite Ulp Lamproite Upd Peridotite
Fgg Fgt Fgd Fgy Fpg Fpy Ffs Fqz Ffq Fvu	Granitic rocks undifferentiated Granodiorite Granophyre Pegmatite Porphyry, undifferentiated Felspar porphyry Quartz porphyry Felspar quartz porphyry Quartz felspar porphyry Volcanics undifferntiated	Fto Fpr Fva Fvt Fvl 2.2 MA Mmu Miu Man Mdl	Tonalite Porphyry undifferentiated Andesite Trachyte Latite  FIC Undifferentiated Intrusives undifferentiated Anorthosite Dolerite	Mvfg Mafic tuff, high Mg  2.3 ULTRAMAFIC  Uuu Undifferentiated Uiu Intrusives undifferentiated Ucb Carbonatite Udn Dunite Ukt Kimberlite Ukm Komatiite Ulp Lamproite Upd Peridotite Upx Pyroxenite
Fgg Fgt Fgd Fgy Fpg Fpy Ffs Fqz Ffq Fvu Fvd	Granitic rocks undifferentiated Granodiorite Granophyre Pegmatite Porphyry, undifferentiated Felspar porphyry Quartz porphyry Felspar quartz porphyry Quartz felspar porphyry Volcanics undifferntiated Dacite	Fto Fpr Fva Fvt Fvl  2.2 MA Mmu Miu Man Mdl Mgb	Tonalite Porphyry undifferentiated Andesite Trachyte Latite FIC Undifferentiated Intrusives undifferentiated Anorthosite	Mvfg Mafic tuff, high Mg  2.3 ULTRAMAFIC  Uuu Undifferentiated Uiu Intrusives undifferentiated Ucb Carbonatite Udn Dunite Ukt Kimberlite Ukm Komatiite Ulp Lamproite Upd Peridotite Upx Pyroxenite Usp Serpentinite
Fgg Fgt Fgd Fgy Fpg Fpy Ffs Fqz Ffq Fvu	Granitic rocks undifferentiated Granodiorite Granophyre Pegmatite Porphyry, undifferentiated Felspar porphyry Quartz porphyry Felspar quartz porphyry Quartz felspar porphyry Volcanics undifferntiated	Fto Fpr Fva Fvt Fvl 2.2 MA Mmu Miu Man Mdl	Tonalite Porphyry undifferentiated Andesite Trachyte Latite  FIC Undifferentiated Intrusives undifferentiated Anorthosite Dolerite Gabbro	Mvfg Mafic tuff, high Mg  2.3 ULTRAMAFIC  Uuu Undifferentiated Uiu Intrusives undifferentiated Ucb Carbonatite Udn Dunite Ukt Kimberlite Ukm Komatiite Ulp Lamproite Upd Peridotite Upx Pyroxenite
Fgg Fgt Fgd Fgy Fpg Fpy Ffs Fqz Ffq Fvu Fvd Fvh	Granitic rocks undifferentiated Granodiorite Granophyre Pegmatite Porphyry, undifferentiated Felspar porphyry Quartz porphyry Felspar quartz porphyry Quartz felspar porphyry Volcanics undifferntiated Dacite Rhyodacite	Fto Fpr Fva Fvt Fvl  2.2 MA Mmu Miu Man Mdl Mgb Mnr	Tonalite Porphyry undifferentiated Andesite Trachyte Latite  FIC Undifferentiated Intrusives undifferentiated Anorthosite Dolerite Gabbro Norite	Mvfg Mafic tuff, high Mg  2.3 ULTRAMAFIC  Uuu Undifferentiated Uiu Intrusives undifferentiated Ucb Carbonatite Udn Dunite Ukt Kimberlite Ukm Komatiite Ulp Lamproite Upd Peridotite Upx Pyroxenite Usp Serpentinite Uuv Volcanics undifferentiated
Fgg Fgt Fgd Fgy Fpy Ffs Fqz Ffq Fvu Fvd Fvh Fvr	Granitic rocks undifferentiated Granodiorite Granophyre Pegmatite Porphyry, undifferentiated Felspar porphyry Quartz porphyry Felspar quartz porphyry Quartz felspar porphyry Volcanics undifferntiated Dacite Rhyodacite Rhyolite	Fto Fpr Fva Fvt Fvl  2.2 MA Mmu Miu Man Mdl Mgb Mnr Mtr Mvu	Tonalite Porphyry undifferentiated Andesite Trachyte Latite  FIC Undifferentiated Intrusives undifferentiated Anorthosite Dolerite Gabbro Norite Troctolite	Mvfg Mafic tuff, high Mg  2.3 ULTRAMAFIC  Uuu Undifferentiated Uiu Intrusives undifferentiated Ucb Carbonatite Udn Dunite Ukt Kimberlite Ukm Komatiite Ulp Lamproite Upd Peridotite Upx Pyroxenite Usp Serpentinite Uuv Volcanics undifferentiated Uvv volcanoclastics undifferentiated Uly Lamprophyre
Fgg Fgt Fgd Fgy Fpy Ffs Fqz Ffq Fvu Fvd Fvh Fvr	Granitic rocks undifferentiated Granodiorite Granophyre Pegmatite Porphyry, undifferentiated Felspar porphyry Quartz porphyry Felspar quartz porphyry Quartz felspar porphyry Volcanics undifferntiated Dacite Rhyodacite Rhyolite  Sediments undifferentiated	Fto Fpr Fva Fvt Fvl  2.2 MA Mmu Miu Man Mdl Mgb Mnr Mtr Mvu  2.	Tonalite Porphyry undifferentiated Andesite Trachyte Latite FIC Undifferentiated Intrusives undifferentiated Anorthosite Dolerite Gabbro Norite Troctolite Volcanics undifferentiated 4 SEDIMENTARY Conglomerate	Mvfg Mafic tuff, high Mg  2.3 ULTRAMAFIC  Uuu Undifferentiated Uiu Intrusives undifferentiated Ucb Carbonatite Udn Dunite Ukt Kimberlite Ukm Komatiite Ulp Lamproite Upd Peridotite Upx Pyroxenite Usp Serpentinite Uuv Volcanics undifferentiated Uvv volcanoclastics undifferentiated Uly Lamprophyre  Sqt Quartzite
Fgg Fgt Fgd Fgy Fpg Fpy Ffs Fqz Ffq Fvu Fvd Fvh Fvr	Granitic rocks undifferentiated Granodiorite Granophyre Pegmatite Porphyry, undifferentiated Felspar porphyry Quartz porphyry Felspar quartz porphyry Volcanics undifferntiated Dacite Rhyodacite Rhyolite  Sediments undifferentiated Arkose	Fto Fpr Fva Fvt Fvl  2.2 MA Mmu Miu Man Mdl Mgb Mnr Mtr Mvu  Sct Sdl	Tonalite Porphyry undifferentiated Andesite Trachyte Latite FIC Undifferentiated Intrusives undifferentiated Anorthosite Dolerite Gabbro Norite Troctolite Volcanics undifferentiated 4 SEDIMENTARY Conglomerate Dolostone	Mvfg Mafic tuff, high Mg  2.3 ULTRAMAFIC  Uuu Undifferentiated Uiu Intrusives undifferentiated Ucb Carbonatite Udn Dunite Ukt Kimberlite Ukm Komatiite Ulp Lamproite Upd Peridotite Upx Pyroxenite Usp Serpentinite Uuv Volcanics undifferentiated Uvv volcanoclastics undifferentiated Uly Lamprophyre  Sqt Quartzite Sst Sandstone
Fgg Fgt Fgd Fgy Fpg Fpy Ffs Fqz Ffq Fvu Fvd Fvh Fvr Ssu Sak Sar	Granitic rocks undifferentiated Granodiorite Granophyre Pegmatite Porphyry, undifferentiated Felspar porphyry Quartz porphyry Felspar quartz porphyry Volcanics undifferntiated Dacite Rhyodacite Rhyolite  Sediments undifferentiated Arkose Arenite	Fto Fpr Fva Fvt Fvl  2.2 MA Mmu Miu Man Mdl Mgb Mnr Mtr Mvu  Sct Sdl Sdo	Tonalite Porphyry undifferentiated Andesite Trachyte Latite FIC Undifferentiated Intrusives undifferentiated Anorthosite Dolerite Gabbro Norite Troctolite Volcanics undifferentiated 4 SEDIMENTARY Conglomerate Dolostone Dololutite	Mvfg Mafic tuff, high Mg  2.3 ULTRAMAFIC  Uuu Undifferentiated Uiu Intrusives undifferentiated Ucb Carbonatite Udn Dunite Ukt Kimberlite Ukm Komatiite Ulp Lamproite Upd Peridotite Upx Pyroxenite Usp Serpentinite Uuv Volcanics undifferentiated Uvv volcanoclastics undifferentiated Uly Lamprophyre  Sqt Quartzite Sst Sandstone Ssh Shale
Fgg Fgt Fgd Fgy Fpg Fpy Ffs Fqz Ffq Fvu Fvd Fvh Fvr Ssu Sak Sar Sbx	Granitic rocks undifferentiated Granodiorite Granophyre Pegmatite Porphyry, undifferentiated Felspar porphyry Quartz porphyry Felspar quartz porphyry Volcanics undifferntiated Dacite Rhyodacite Rhyolite  Sediments undifferentiated Arkose Arenite Breccia	Fto Fpr Fva Fvt Fvl  2.2 MA  Mmu Miu Man Mdl Mgb Mnr Mtr Mvu  Sct Sdl Sdo Sgw	Tonalite Porphyry undifferentiated Andesite Trachyte Latite FIC Undifferentiated Intrusives undifferentiated Anorthosite Dolerite Gabbro Norite Troctolite Volcanics undifferentiated 4 SEDIMENTARY Conglomerate Dolostone Dololutite Greywacke	Mvfg Mafic tuff, high Mg  2.3 ULTRAMAFIC  Uuu Undifferentiated Uiu Intrusives undifferentiated Ucb Carbonatite Udn Dunite Ukt Kimberlite Ukm Komatiite Ulp Lamproite Upd Peridotite Upx Pyroxenite Usp Serpentinite Uuv Volcanics undifferentiated Uvv volcanoclastics undifferentiated Uly Lamprophyre  Sqt Quartzite Sst Sandstone Ssh Shale Ssl Siltstone
Fgg Fgt Fgd Fgy Fpg Fpy Ffs Fqz Ffq Fvu Fvd Fvh Fvr Ssu Sak Sar Sbx Scs	Granitic rocks undifferentiated Granodiorite Granophyre Pegmatite Porphyry, undifferentiated Felspar porphyry Quartz porphyry Felspar quartz porphyry Volcanics undifferntiated Dacite Rhyodacite Rhyolite  Sediments undifferentiated Arkose Arenite Breccia Carbonaceous shale	Fto Fpr Fva Fvt Fvl  2.2 MA  Mmu Miu Man Mdl Mgb Mnr Mtr Mvu  Sct Sdl Sdo Sgw Sij	Tonalite Porphyry undifferentiated Andesite Trachyte Latite FIC Undifferentiated Intrusives undifferentiated Anorthosite Dolerite Gabbro Norite Troctolite Volcanics undifferentiated 4 SEDIMENTARY Conglomerate Dolostone Dololutite Greywacke Jaspilite	Mvfg Mafic tuff, high Mg  2.3 ULTRAMAFIC  Uuu Undifferentiated Uiu Intrusives undifferentiated Ucb Carbonatite Udn Dunite Ukt Kimberlite Ukm Komatiite Ulp Lamproite Upd Peridotite Upx Pyroxenite Usp Serpentinite Uuv Volcanics undifferentiated Uvv volcanoclastics undifferentiated Uly Lamprophyre  Sqt Quartzite Sst Sandstone Ssh Shale Ssl Siltstone Spg Spongolite
Fgg Fgt Fgd Fgy Fpg Fpy Ffs Fqf Fvu Fvd Fvh Fvr Ssu Sak Sar Sbx Scs Sch	Granitic rocks undifferentiated Granodiorite Granophyre Pegmatite Porphyry, undifferentiated Felspar porphyry Quartz porphyry Felspar quartz porphyry Volcanics undifferntiated Dacite Rhyodacite Rhyolite  Sediments undifferentiated Arkose Arenite Breccia Carbonaceous shale Chert	Fto Fpr Fva Fvt Fvl  2.2 MA  Mmu Miu Man Mdl Mgb Mnr Mtr Mvu  Sct Sdl Sdo Sgw Sij Sls	Tonalite Porphyry undifferentiated Andesite Trachyte Latite  FIC Undifferentiated Intrusives undifferentiated Anorthosite Dolerite Gabbro Norite Troctolite Volcanics undifferentiated 4 SEDIMENTARY Conglomerate Dolostone Dololutite Greywacke Jaspilite Limestone	Mvfg Mafic tuff, high Mg  2.3 ULTRAMAFIC  Uuu Undifferentiated Uiu Intrusives undifferentiated Ucb Carbonatite Udn Dunite Ukt Kimberlite Ukm Komatiite Ulp Lamproite Upd Peridotite Upx Pyroxenite Usp Serpentinite Uuv Volcanics undifferentiated Uvv volcanoclastics undifferentiated Uly Lamprophyre  Sqt Quartzite Sst Sandstone Ssh Shale Ssl Siltstone Spg Spongolite Stl Tillite
Fgg Fgt Fgd Fgy Fpg Fpy Ffs Fqf Fvu Fvd Fvh Fvr Ssu Sak Sar Sbx Scs Sch Scy	Granitic rocks undifferentiated Granodiorite Granophyre Pegmatite Porphyry, undifferentiated Felspar porphyry Quartz porphyry Felspar quartz porphyry Volcanics undifferntiated Dacite Rhyodacite Rhyolite  Sediments undifferentiated Arkose Arenite Breccia Carbonaceous shale Chert Claystone	Fto Fpr Fva Fvt Fvl  2.2 MA  Mmu Miu Man Mdl Mgb Mnr Mtr Mvu  Sct Sdl Sdo Sgw Sij	Tonalite Porphyry undifferentiated Andesite Trachyte Latite FIC Undifferentiated Intrusives undifferentiated Anorthosite Dolerite Gabbro Norite Troctolite Volcanics undifferentiated 4 SEDIMENTARY Conglomerate Dolostone Dololutite Greywacke Jaspilite	Mvfg Mafic tuff, high Mg  2.3 ULTRAMAFIC  Uuu Undifferentiated Uiu Intrusives undifferentiated Ucb Carbonatite Udn Dunite Ukt Kimberlite Ukm Komatiite Ulp Lamproite Upd Peridotite Upx Pyroxenite Usp Serpentinite Uuv Volcanics undifferentiated Uvv volcanoclastics undifferentiated Uly Lamprophyre  Sqt Quartzite Sst Sandstone Ssh Shale Ssl Siltstone Spg Spongolite Stl Tillite Swk Wacke
Fgg Fgt Fgd Fgy Fpg Fpy Ffs Fqf Fvu Fvd Fvh Fvr Ssu Sak Sar Sbx Scs Sch Scy	Granitic rocks undifferentiated Granodiorite Granophyre Pegmatite Porphyry, undifferentiated Felspar porphyry Quartz porphyry Felspar quartz porphyry Volcanics undifferntiated Dacite Rhyodacite Rhyolite  Sediments undifferentiated Arkose Arenite Breccia Carbonaceous shale Chert Claystone  METAMORPHIC	Fto Fpr Fva Fvt Fvl  2.2 MA  Mmu Miu Man Mdl Mgb Mnr Mtr Mvu  2.  Sct Sdl Sdo Sgw Sij Sls Sms	Tonalite Porphyry undifferentiated Andesite Trachyte Latite FIC Undifferentiated Intrusives undifferentiated Anorthosite Dolerite Gabbro Norite Troctolite Volcanics undifferentiated 4 SEDIMENTARY Conglomerate Dolostone Dololutite Greywacke Jaspilite Limestone Mudstone	Mvfg Mafic tuff, high Mg  2.3 ULTRAMAFIC  Uuu Undifferentiated Uiu Intrusives undifferentiated Ucb Carbonatite Udn Dunite Ukt Kimberlite Ukm Komatiite Ulp Lamproite Upd Peridotite Upx Pyroxenite Usp Serpentinite Uuv Volcanics undifferentiated Uvv volcanoclastics undifferentiated Uly Lamprophyre  Sqt Quartzite Sst Sandstone Ssh Shale Ssl Siltstone Spg Spongolite Stl Tillite Swk Wacke  2.6 TECTONITES
Fgg Fgt Fgd Fgy Fpg Fpy Ffs Fqf Fvu Fvd Fvh Fvr Ssu Sak Sar Sbx Scs Sch Scy	Granitic rocks undifferentiated Granodiorite Granophyre Pegmatite Porphyry, undifferentiated Felspar porphyry Quartz porphyry Felspar quartz porphyry Volcanics undifferntiated Dacite Rhyodacite Rhyolite  Sediments undifferentiated Arkose Arenite Breccia Carbonaceous shale Chert Claystone  METAMORPHIC eviations are combined in order	Fto Fpr Fva Fvt Fvl  2.2 MA  Mmu Miu Man Mdl Mgb Mnr Mtr Mvu  Sct Sdl Sdo Sgw Sij Sls	Tonalite Porphyry undifferentiated Andesite Trachyte Latite  FIC Undifferentiated Intrusives undifferentiated Anorthosite Dolerite Gabbro Norite Troctolite Volcanics undifferentiated 4 SEDIMENTARY Conglomerate Dolostone Dololutite Greywacke Jaspilite Limestone	Mvfg Mafic tuff, high Mg  2.3 ULTRAMAFIC  Uuu Undifferentiated Uiu Intrusives undifferentiated Ucb Carbonatite Udn Dunite Ukt Kimberlite Ukm Komatiite Ulp Lamproite Upd Peridotite Upx Pyroxenite Usp Serpentinite Uuv Volcanics undifferentiated Uvv volcanoclastics undifferentiated Uly Lamprophyre  Sqt Quartzite Sst Sandstone Ssh Shale Ssl Siltstone Spg Spongolite Stl Tillite Swk Wacke
Fgg Fgt Fgd Fgy Fpg Fpy Ffs Fqz Ffq Fvu Fvd Fvh Fvr Ssu Sak Sar Sbx Scs Sch Scy 2.5 Abbro of de	Granitic rocks undifferentiated Granodiorite Granophyre Pegmatite Porphyry, undifferentiated Felspar porphyry Quartz porphyry Felspar quartz porphyry Volcanics undifferntiated Dacite Rhyodacite Rhyolite  Sediments undifferentiated Arkose Arenite Breccia Carbonaceous shale Chert Claystone  METAMORPHIC	Fto Fpr Fva Fvt Fvl  2.2 MA  Mmu Miu Man Mdl Mgb Mnr Mtr Mvu  2. Sct Sdl Sdo Sgw Sij Sls Sms	Tonalite Porphyry undifferentiated Andesite Trachyte Latite  FIC Undifferentiated Intrusives undifferentiated Anorthosite Dolerite Gabbro Norite Troctolite Volcanics undifferentiated 4 SEDIMENTARY Conglomerate Dolostone Dololutite Greywacke Jaspilite Limestone Mudstone  Mafic schist	Mvfg Mafic tuff, high Mg  2.3 ULTRAMAFIC  Uuu Undifferentiated Uiu Intrusives undifferentiated Ucb Carbonatite Udn Dunite Ukt Kimberlite Ukm Komatiite Ulp Lamproite Upd Peridotite Upx Pyroxenite Usp Serpentinite Uuv Volcanics undifferentiated Uvv volcanoclastics undifferentiated Uly Lamprophyre  Sqt Quartzite Sst Sandstone Ssh Shale Ssl Siltstone Spg Spongolite Stl Tillite Swk Wacke  2.6 TECTONITES
Fgg Fgt Fgd Fgy Fpg Fpy Ffs Fqf Fvu Fvd Fvh Fvr Ssu Sak Sar Sbx Scs Sch Scy 2.5 Abbroof de rock. fssc	Granitic rocks undifferentiated Granodiorite Granophyre Pegmatite Porphyry, undifferentiated Felspar porphyry Quartz porphyry Felspar quartz porphyry Volcanics undifferntiated Dacite Rhyodacite Rhyolite  Sediments undifferentiated Arkose Arenite Breccia Carbonaceous shale Chert Claystone  METAMORPHIC eviations are combined in order creasing abundance to name the eg tlcbsc = talc carbonate schist felsic schist	Fto Fpr Fva Fvt Fvl  2.2 MA  Mmu Miu Man Mdl Mgb Mnr Mtr Mvu  2. Sct Sdl Sdo Sgw Sij Sls Sms  mfsc mb	Tonalite Porphyry undifferentiated Andesite Trachyte Latite FIC Undifferentiated Intrusives undifferentiated Anorthosite Dolerite Gabbro Norite Troctolite Volcanics undifferentiated 4 SEDIMENTARY Conglomerate Dolostone Dololutite Greywacke Jaspilite Limestone Mudstone  Mafic schist Marble Mica schist Migmatite	Mvfg Mafic tuff, high Mg  2.3 ULTRAMAFIC  Uuu Undifferentiated Uiu Intrusives undifferentiated Ucb Carbonatite Udn Dunite Ukt Kimberlite Ukm Komatiite Ulp Lamproite Upd Peridotite Upx Pyroxenite Usp Serpentinite Uvv Volcanics undifferentiated Uvv volcanoclastics undifferentiated Uly Lamprophyre  Sqt Quartzite Sst Sandstone Ssh Shale Ssl Siltstone Spg Spongolite Stl Tillite Swk Wacke  2.6 TECTONITES  Tbx Breccia Tci Cataclasite Tfl Fault Tfz Fault zone
Fgg Fgt Fgd Fgy Fpg Fpy Ffs Fqf Fvu Fvd Fvh Fvr Ssu Sak Sar Sbx Scs Sch Scy 2.5 Abbroof de rock. fssc	Granitic rocks undifferentiated Granodiorite Granophyre Pegmatite Porphyry, undifferentiated Felspar porphyry Quartz porphyry Felspar quartz porphyry Volcanics undifferntiated Dacite Rhyodacite Rhyolite  Sediments undifferentiated Arkose Arenite Breccia Carbonaceous shale Chert Claystone  METAMORPHIC eviations are combined in order creasing abundance to name the eg tlcbsc = talc carbonate schist felsic schist Actinolite schist	Fto Fpr Fva Fvt Fvl  2.2 MA  Mmu Miu Man Mdl Mgb Mnr Mtr Mvu  2.  Sct Sdl Sdo Sgw Sij Sls Sms  mfsc mb misc me musc	Tonalite Porphyry undifferentiated Andesite Trachyte Latite  FIC Undifferentiated Intrusives undifferentiated Anorthosite Dolerite Gabbro Norite Troctolite Volcanics undifferentiated 4 SEDIMENTARY Conglomerate Dolostone Dololutite Greywacke Jaspilite Limestone Mudstone  Mafic schist Marble Mica schist Migmatite Muscovite schist	Mvfg Mafic tuff, high Mg  2.3 ULTRAMAFIC  Uuu Undifferentiated Uiu Intrusives undifferentiated Ucb Carbonatite Udn Dunite Ukt Kimberlite Ukm Komatiite Ulp Lamproite Upd Peridotite Upx Pyroxenite Usp Serpentinite Uuv Volcanics undifferentiated Uvv volcanoclastics undifferentiated Uly Lamprophyre  Sqt Quartzite Sst Sandstone Ssh Shale Ssl Siltstone Spg Spongolite Stl Tillite Swk Wacke  2.6 TECTONITES  Tbx Breccia Tci Cataclasite Tfl Fault Tfz Fault zone Tfg Fault gouge
Fgg Fgt Fgd Fgy Fpg Fpy Ffs Fqf Fvu Fvd Fvh Fvr Ssu Sak Sar Sbx Scs Sch Scy 2.5 Abbro of de rock. fssc acsc am	Granitic rocks undifferentiated Granodiorite Granophyre Pegmatite Porphyry, undifferentiated Felspar porphyry Quartz porphyry Felspar quartz porphyry Volcanics undifferntiated Dacite Rhyodacite Rhyolite  Sediments undifferentiated Arkose Arenite Breccia Carbonaceous shale Chert Claystone  METAMORPHIC eviations are combined in order creasing abundance to name the eg tlcbsc = talc carbonate schist felsic schist Actinolite schist Amphibolite	Fto Fpr Fva Fvt Fvl  2.2 MA  Mmu Miu Man Mdl Mgb Mnr Mtr Mvu  2. Sct Sdl Sdo Sgw Sij Sls Sms  mfsc mb misc me musc pi	Tonalite Porphyry undifferentiated Andesite Trachyte Latite  FIC Undifferentiated Intrusives undifferentiated Anorthosite Dolerite Gabbro Norite Troctolite Volcanics undifferentiated 4 SEDIMENTARY Conglomerate Dolostone Dololutite Greywacke Jaspilite Limestone Mudstone  Mafic schist Marble Mica schist Migmatite Muscovite schist Phyllite	Mvfg Mafic tuff, high Mg  2.3 ULTRAMAFIC  Uuu Undifferentiated Uiu Intrusives undifferentiated Ucb Carbonatite Udn Dunite Ukt Kimberlite Ukm Komatiite Ulp Lamproite Upd Peridotite Upx Pyroxenite Usp Serpentinite Uvv Volcanics undifferentiated Uvv volcanoclastics undifferentiated Uly Lamprophyre  Sqt Quartzite Sst Sandstone Ssh Shale Ssl Siltstone Spg Spongolite Stl Tillite Swk Wacke  2.6 TECTONITES  Tbx Breccia Tci Cataclasite Tfl Fault Tfz Fault zone Tfg Fault gouge Tfx Fracture zone
Fgg Fgt Fgd Fgy Fpg Fpy Ffs Fqf Fvu Fvd Fvh Fvr Ssu Sak Sar Sbx Scs Sch Scy 2.5 Abbroof de rock. fssc acsc am btsc	Granitic rocks undifferentiated Granodiorite Granophyre Pegmatite Porphyry, undifferentiated Felspar porphyry Quartz porphyry Felspar quartz porphyry Volcanics undifferntiated Dacite Rhyodacite Rhyolite  Sediments undifferentiated Arkose Arenite Breccia Carbonaceous shale Chert Claystone  METAMORPHIC eviations are combined in order creasing abundance to name the eg tlcbsc = talc carbonate schist felsic schist Actinolite schist  Amphibolite Biotite schist	Fto Fpr Fva Fvt Fvl  2.2 MA  Mmu Miu Man Mdl Mgb Mnr Mtr Mvu  2.  Sct Sdl Sdo Sgw Sij Sls Sms  mfsc mb misc me musc pi qzsc	Tonalite Porphyry undifferentiated Andesite Trachyte Latite FIC Undifferentiated Intrusives undifferentiated Anorthosite Dolerite Gabbro Norite Troctolite Volcanics undifferentiated 4 SEDIMENTARY Conglomerate Dolostone Dololutite Greywacke Jaspilite Limestone Mudstone  Mafic schist Marble Mica schist Migmatite Muscovite schist Phyllite Quartz schist	Mvfg Mafic tuff, high Mg  2.3 ULTRAMAFIC  Uuu Undifferentiated Uiu Intrusives undifferentiated Ucb Carbonatite Udn Dunite Ukt Kimberlite Ukm Komatiite Ulp Lamproite Upd Peridotite Upx Pyroxenite Usp Serpentinite Uvv Volcanics undifferentiated Uvv volcanoclastics undifferentiated Uly Lamprophyre  Sqt Quartzite Sst Sandstone Ssh Shale Ssl Siltstone Spg Spongolite Tillite Swk Wacke  2.6 TECTONITES  Tbx Breccia Tci Cataclasite Tfl Fault Tfz Fault zone Tfg Fault gouge Tfx Fracture zone Tmy Mylonite
Fgg Fgt Fgd Fgy Fpg Fpy Ffs Fqf Fvu Fvd Fvh Fvr Ssu Sak Sar Sbx Scs Sch Scy 2.5 Abbro of de rock. fssc acsc am btsc ci	Granitic rocks undifferentiated Granodiorite Granophyre Pegmatite Porphyry, undifferentiated Felspar porphyry Quartz porphyry Felspar quartz porphyry Volcanics undifferntiated Dacite Rhyodacite Rhyolite  Sediments undifferentiated Arkose Arenite Breccia Carbonaceous shale Chert Claystone  METAMORPHIC eviations are combined in order creasing abundance to name the eg tlcbsc = talc carbonate schist felsic schist Actinolite schist  Amphibolite Biotite schist Calc silicate	Fto Fpr Fva Fvt Fvl  2.2 MA  Mmu Miu Man Mdl Mgb Mnr Mtr Mvu  2.  Sct Sdl Sdo Sgw Sij Sls Sms  mfsc mb misc me musc pi qzsc qt	Tonalite Porphyry undifferentiated Andesite Trachyte Latite  FIC Undifferentiated Intrusives undifferentiated Anorthosite Dolerite Gabbro Norite Troctolite Volcanics undifferentiated 4 SEDIMENTARY Conglomerate Dolostone Dololutite Greywacke Jaspilite Limestone Mudstone  Mafic schist Marble Mica schist Migmatite Muscovite schist Phyllite Quartz schist Quartzite	Mvfg Mafic tuff, high Mg  2.3 ULTRAMAFIC  Uuu Undifferentiated Uiu Intrusives undifferentiated Ucb Carbonatite Udn Dunite Ukt Kimberlite Ukm Komatiite Ulp Lamproite Upd Peridotite Upx Pyroxenite Usp Serpentinite Uvv Volcanics undifferentiated Uvv volcanoclastics undifferentiated Uly Lamprophyre  Sqt Quartzite Sst Sandstone Ssh Shale Ssl Siltstone Spg Spongolite Stl Tillite Swk Wacke  2.6 TECTONITES  Tbx Breccia Tci Cataclasite Tfl Fault Tfz Fault zone Tfg Fault gouge Tfx Fracture zone Tmy Mylonite Tpm Protomylonite
Fgg Fgt Fgd Fgy Fpg Fpy Ffs Fqz Ffq Fvu Fvd Fvh Fvr Ssu Sak Sar Sbx Scs Sch Scy 2.5 Abbro of de rock. fssc acsc am btsc ci clsc	Granitic rocks undifferentiated Granodiorite Granophyre Pegmatite Porphyry, undifferentiated Felspar porphyry Quartz porphyry Felspar quartz porphyry Volcanics undifferntiated Dacite Rhyodacite Rhyolite  Sediments undifferentiated Arkose Arenite Breccia Carbonaceous shale Chert Claystone  METAMORPHIC eviations are combined in order creasing abundance to name the eg tlcbsc = talc carbonate schist felsic schist Actinolite schist  Amphibolite Biotite schist Calc silicate Chlorite schist	Fto Fpr Fva Fvt Fvl  2.2 MA  Mmu Miu Man Mdl Mgb Mnr Mtr Mvu  2. Sct Sdl Sdo Sgw Sij Sls Sms  mfsc mb misc me musc pi qzsc qt qzfssc	Tonalite Porphyry undifferentiated Andesite Trachyte Latite  FIC Undifferentiated Intrusives undifferentiated Anorthosite Dolerite Gabbro Norite Troctolite Volcanics undifferentiated 4 SEDIMENTARY Conglomerate Dolostone Dololutite Greywacke Jaspilite Limestone Mudstone  Mafic schist Marble Mica schist Migmatite Muscovite schist Phyllite Quartz schist Quartzite Quartzo felspathic schist	Mvfg Mafic tuff, high Mg  2.3 ULTRAMAFIC  Uuu Undifferentiated Uiu Intrusives undifferentiated Ucb Carbonatite Udn Dunite Ukt Kimberlite Ukm Komatiite Ulp Lamproite Upd Peridotite Upx Pyroxenite Usp Serpentinite Uvv Volcanics undifferentiated Uvv volcanoclastics undifferentiated Uly Lamprophyre  Sqt Quartzite Sst Sandstone Ssh Shale Ssl Siltstone Spg Spongolite Tillite Swk Wacke  2.6 TECTONITES  Tbx Breccia Tci Cataclasite Tfl Fault Tfz Fault zone Tfg Fault gouge Tfx Fracture zone Tmy Mylonite
Fgg Fgt Fgd Fgy Fpg Fpy Ffs Fqf Fvu Fvd Fvh Fvr Ssu Sak Sar Sbx Scs Sch Scy 2.5 Abbro of de rock. fssc acsc ci clsc gn	Granitic rocks undifferentiated Granodiorite Granophyre Pegmatite Porphyry, undifferentiated Felspar porphyry Quartz porphyry Felspar quartz porphyry Volcanics undifferntiated Dacite Rhyodacite Rhyolite  Sediments undifferentiated Arkose Arenite Breccia Carbonaceous shale Chert Claystone  METAMORPHIC eviations are combined in order creasing abundance to name the eg tlcbsc = talc carbonate schist felsic schist Actinolite schist Amphibolite Biotite schist Calc silicate Chlorite schist Gneiss	Fto Fpr Fva Fvt Fvl  2.2 MA  Mmu Miu Man Mdl Mgb Mnr Mtr Mvu  2.  Sct Sdl Sdo Sgw Sij Sls Sms  mfsc mb misc me musc pi qzsc qt qzfssc sp	Tonalite Porphyry undifferentiated Andesite Trachyte Latite  FIC Undifferentiated Intrusives undifferentiated Anorthosite Dolerite Gabbro Norite Troctolite Volcanics undifferentiated 4 SEDIMENTARY Conglomerate Dolostone Dololutite Greywacke Jaspilite Limestone Mudstone  Mafic schist Marble Mica schist Migmatite Muscovite schist Phyllite Quartz schist Quartzite Quartzo felspathic schist serpentinite	Mvfg Mafic tuff, high Mg  2.3 ULTRAMAFIC  Uuu Undifferentiated Uiu Intrusives undifferentiated Ucb Carbonatite Udn Dunite Ukt Kimberlite Ukm Komatiite Ulp Lamproite Upd Peridotite Upx Pyroxenite Usp Serpentinite Uvv Volcanics undifferentiated Uvv volcanoclastics undifferentiated Uly Lamprophyre  Sqt Quartzite Sst Sandstone Ssh Shale Ssl Siltstone Spg Spongolite Stl Tillite Swk Wacke  2.6 TECTONITES  Tbx Breccia Tci Cataclasite Tfl Fault Tfz Fault zone Tfg Fault gouge Tfx Fracture zone Tmy Mylonite Tpm Protomylonite
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Fgg Fgt Fgd Fgy Fpg Fpy Ffs Fqf Fvu Fvd Fvh Fvr Ssu Sak Sar Sbx Scs Sch Scy 2.5 Abbro of de rock. fssc acsc ci clsc gn	Granitic rocks undifferentiated Granodiorite Granophyre Pegmatite Porphyry, undifferentiated Felspar porphyry Quartz porphyry Felspar quartz porphyry Volcanics undifferntiated Dacite Rhyodacite Rhyolite  Sediments undifferentiated Arkose Arenite Breccia Carbonaceous shale Chert Claystone  METAMORPHIC eviations are combined in order creasing abundance to name the eg tlcbsc = talc carbonate schist felsic schist Actinolite schist Amphibolite Biotite schist Calc silicate Chlorite schist Gneiss	Fto Fpr Fva Fvt Fvl  2.2 MA  Mmu Miu Man Mdl Mgb Mnr Mtr Mvu  2.  Sct Sdl Sdo Sgw Sij Sls Sms  mfsc mb misc me musc pi qzsc qt qzfssc sp	Tonalite Porphyry undifferentiated Andesite Trachyte Latite  FIC Undifferentiated Intrusives undifferentiated Anorthosite Dolerite Gabbro Norite Troctolite Volcanics undifferentiated 4 SEDIMENTARY Conglomerate Dolostone Dololutite Greywacke Jaspilite Limestone Mudstone  Mafic schist Marble Mica schist Migmatite Muscovite schist Phyllite Quartz schist Quartzite Quartzo felspathic schist serpentinite	Mvfg Mafic tuff, high Mg  2.3 ULTRAMAFIC  Uuu Undifferentiated Uiu Intrusives undifferentiated Ucb Carbonatite Udn Dunite Ukt Kimberlite Ukm Komatiite Ulp Lamproite Upd Peridotite Upx Pyroxenite Usp Serpentinite Uvv Volcanics undifferentiated Uvv volcanoclastics undifferentiated Uly Lamprophyre  Sqt Quartzite Sst Sandstone Ssh Shale Ssl Siltstone Spg Spongolite Stl Tillite Swk Wacke  2.6 TECTONITES  Tbx Breccia Tci Cataclasite Tfl Fault Tfz Fault zone Tfg Fault gouge Tfx Fracture zone Tmy Mylonite Tpm Protomylonite
Fgg Fgt Fgd Fgy Fpg Fpy Ffs Fqz Ffq Fvu Fvd Fvr Ssu Sak Sar Sbx Scs Sch Scy 2.5 Abbro of de rock. fssc acsc am btsc ci clsc gn gl hb	Granitic rocks undifferentiated Granodiorite Granophyre Pegmatite Porphyry, undifferentiated Felspar porphyry Quartz porphyry Felspar quartz porphyry Volcanics undifferntiated Dacite Rhyodacite Rhyolite  Sediments undifferentiated Arkose Arenite Breccia Carbonaceous shale Chert Claystone  METAMORPHIC eviations are combined in order creasing abundance to name the eg tlcbsc = talc carbonate schist felsic schist Actinolite schist Amphibolite Biotite schist Calc silicate Chlorite schist Gneiss Granulite Hornblendite	Fto Fpr Fva Fvt Fvl  2.2 MA  Mmu Miu Man Mdl Mgb Mnr Mtr Mvu  2.  Sct Sdl Sdo Sgw Sij Sls Sms  mfsc mb misc me musc pi qzsc qt qzfssc sp sa tlsc	Tonalite Porphyry undifferentiated Andesite Trachyte Latite  FIC Undifferentiated Intrusives undifferentiated Anorthosite Dolerite Gabbro Norite Troctolite Volcanics undifferentiated 4 SEDIMENTARY Conglomerate Dolostone Dololutite Greywacke Jaspilite Limestone Mudstone  Mafic schist Marble Mica schist Migmatite Muscovite schist Phyllite Quartz schist Quartzite Quartzo felspathic schist serpentinite Slate Talc schist	Mvfg Mafic tuff, high Mg  2.3 ULTRAMAFIC  Uuu Undifferentiated Uiu Intrusives undifferentiated Ucb Carbonatite Udn Dunite Ukt Kimberlite Ukm Komatiite Ulp Lamproite Upd Peridotite Upx Pyroxenite Usp Serpentinite Uvv Volcanics undifferentiated Uvv volcanoclastics undifferentiated Uly Lamprophyre  Sqt Quartzite Sst Sandstone Ssh Shale Ssl Siltstone Spg Spongolite Stl Tillite Swk Wacke  2.6 TECTONITES  Tbx Breccia Tci Cataclasite Tfl Fault Tfz Fault zone Tfg Fault gouge Tfx Fracture zone Tmy Mylonite Tpm Protomylonite