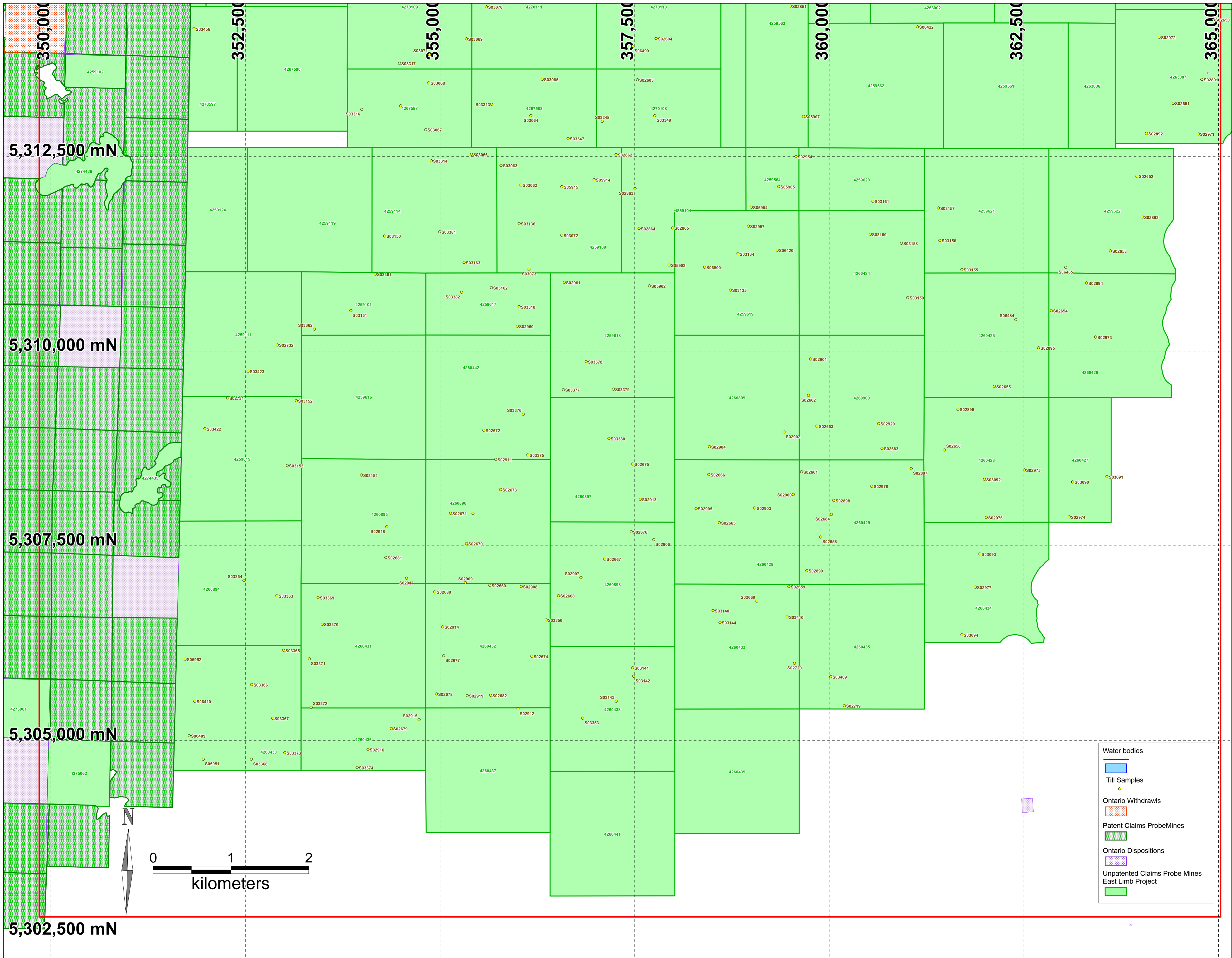


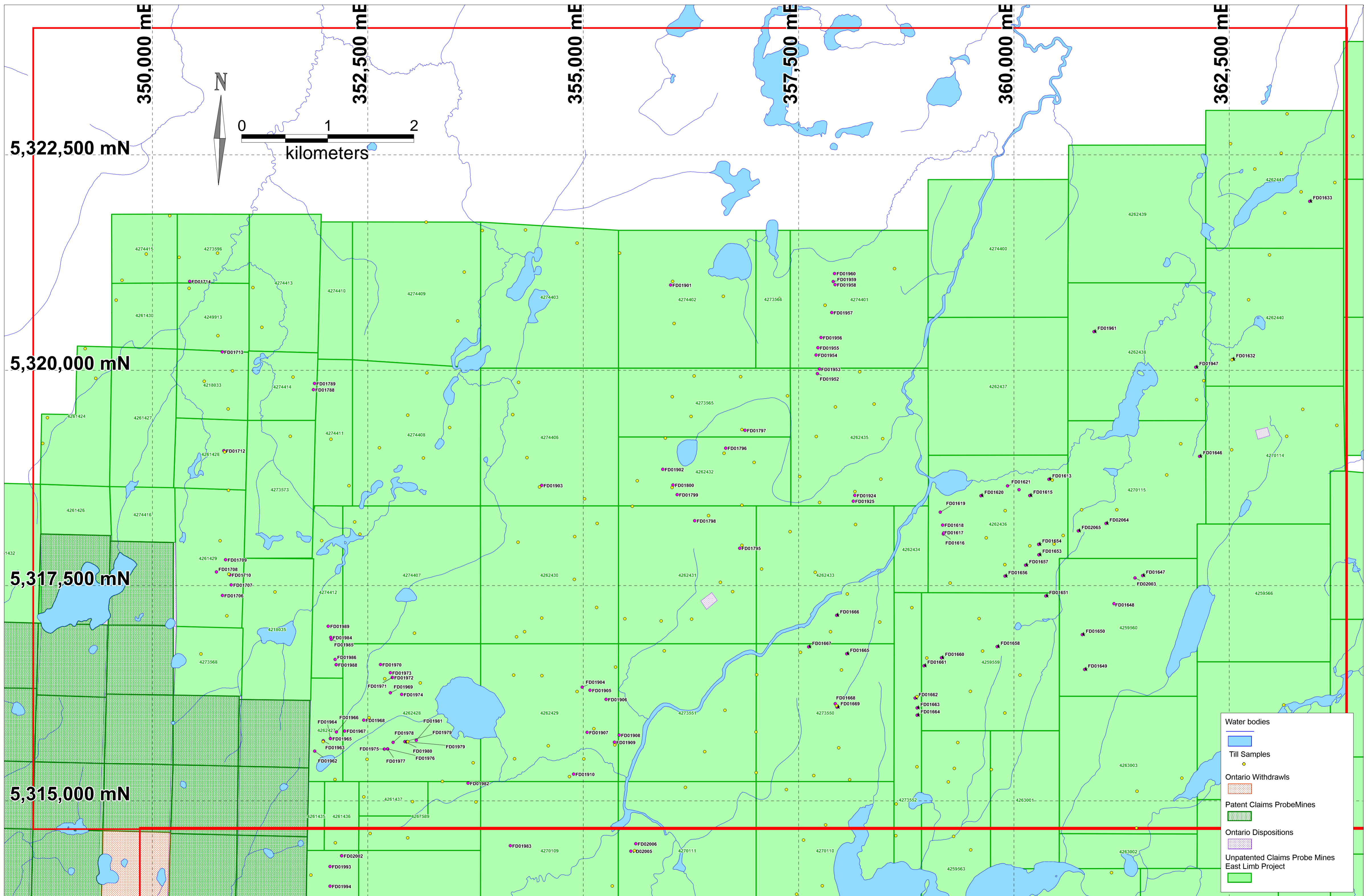
APPENDIX 4

- a) Till Sample Locations Map
- b) Till Sample Locations Table

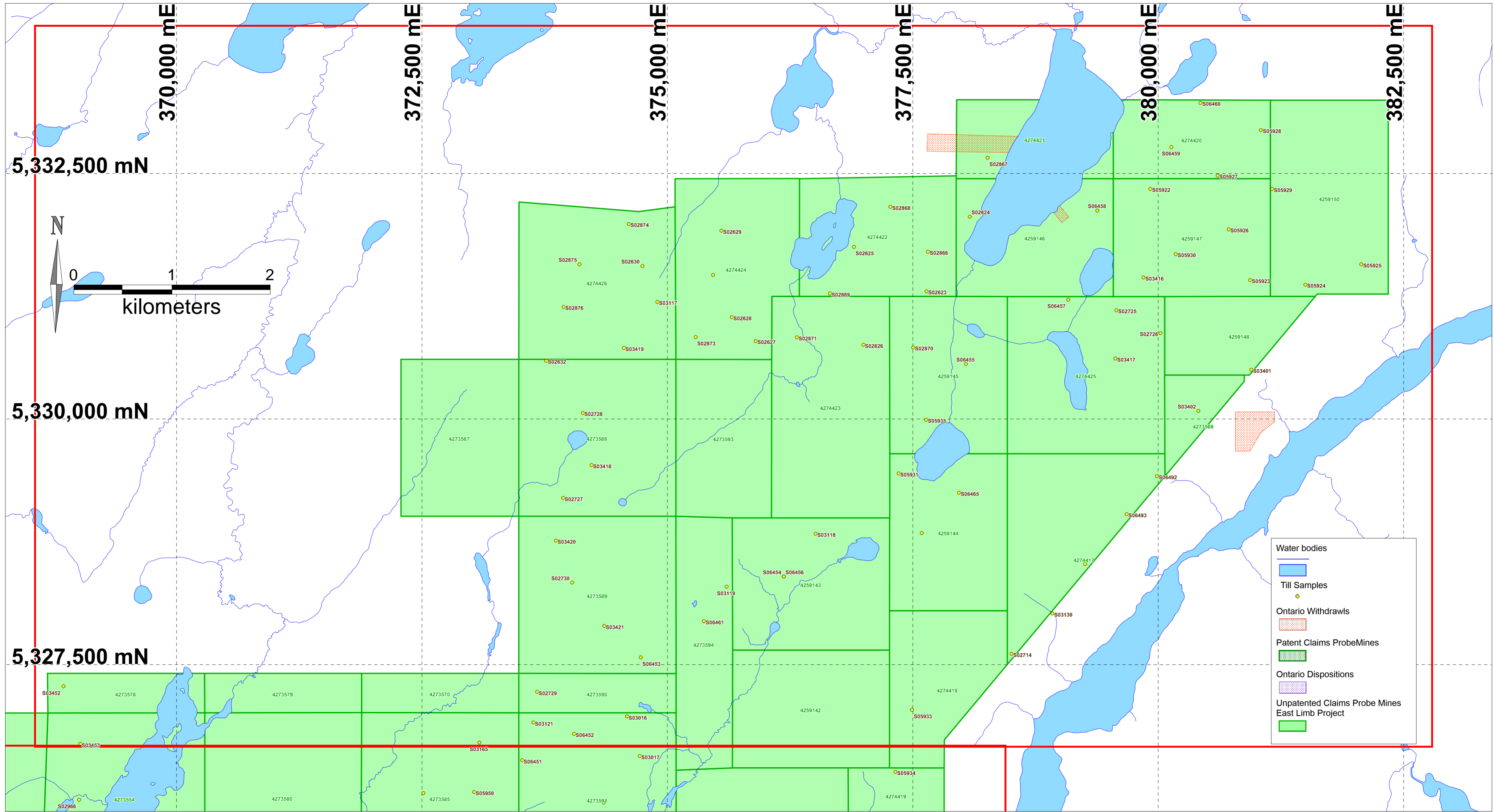
(All coordinates are NAD 83 UTM zone 17)



Appendix 4 - Location Map of Till Samples A



Appendix 4 - Location Map of Till Samples B



Appendix 4 - Location Map of Till Samples D

Appendix 4 b - List of Till Sample Locations

Sample No	UTME	UTMN	Claim	Date Time	Physiography	Slope	Direction	Drainage	Vegetation	Contamination	Depth From (cm)	Depth to (cm)	Oxidation	Colour	Matrix organic	Matrix Texture Clay	Matrix Texture Sand	Matrix Texture Gravel	Moisture
S02648	365248	5317916	4204153	15/09/2014	Undulating Hills	FLAT (0-5)		Moist	Mixed	None	40	100	None	GREY	33	33	33		MOIST
S02889	365186	5317479	4204153	15/09/2014	Undulating Hills	FLAT (0-5)		Wet	Mixed	None	60	110	Weak to Moderate	BROWN		10	90		MOIST
S02691	350600	5319872	4218033	18/09/2014	Lowland Plain	FLAT (0-5)	South	Wet	Mixed	None	35	95	Moderate	ORANGE , TAN		5	95		MOIST
S02925	350878	5319550	4218033	18/09/2014	Undulating Hills	FLAT (0-5)		Moist	Evergreen	None	50	120	None	GREY , TAN		80	20		MOIST
S02932	350929	5319993	4218033	18/09/2014	Undulating Hills	FLAT (0-5)		Moist	Mixed	None	50	100	Moderate	BROWN			100		MOIST
S03039	351422	5317425	4218035	18/09/2014	Undulating Hills	MOD (15-25)	West	Dry	Mixed	None	70	120	None	GREY , BROWN		100			DRY
S02687	350759	5320401	4249913	18/09/2014	Undulating Hills	MOD (15-25)	North	Moist	Mixed	None	30	90	Weak	DARK GREY , TAN		50	50		MOIST
S02926	350425	5320952	4249913	18/09/2014	Plateau	FLAT (0-5)		Moist	Deciduous	Forestry	40	120	None	GREY		100			DRY
S03151	353854	5310519	4259101	02/10/2014	Lowland Plain	GTL (5-15)	South	Moist	Evergreen	None	75	110	None	GREY , BROWN			100		Wet
S03361	354168	5310989	4259101	02/10/2014	Wetland	FLAT (0-5)		Seepage	Evergreen	None	80	90	Weak	GREY		80	20		Saturated
S03362	353384	5310283	4259101	02/10/2014	Wetland	GTL (5-15)	South	Wet	Evergreen	None	80	120	Weak	GREY			100		Moist
S02863	357505	5312087	4259104	12/09/2014	Undulating Hills	FLAT (0-5)		Moist	Deciduous	Forestry	50	110	None	GREY		60	40		MOIST
S02864	357556	5311575	4259104	12/09/2014	Undulating Hills	FLAT (0-5)		Moist	Mixed	Forestry	60	100	Weak	GREY		30	70		WET
S02865	357989	5311583	4259104	12/09/2014	Wetland	FLAT (0-5)		Wet	Mixed	Forestry	60	100	Weak	BROWN		20	80		MOIST
S05903	357943	5311105	4259104	12/09/2014	Undulating Hills	GTL (5-15)	South	Dry	Mixed	Forestry	65	100	Moderate	ORANGE			100		DRY
S02862	357261	5312523	4259109	12/09/2014	Undulating Hills	GTL (5-15)	East	Dry	Mixed	Forestry	40	90	Moderate to Strong	BROWN			90	10	MOIST
S03062	356040	5312133	4259109	21/09/2014	Lowland Plain	GTL (5-15)	South	Moist	Mixed	Forestry	80	120	None	GREY , BROWN		100			WET
S03063	355784	5312385	4259109	21/09/2014	Lowland Plain	GTL (5-15)	East	Wet	Mixed	Forestry	50	100	None	GREY		50	50		WET
S03072	356564	5311489	4259109	21/09/2014	Plateau	FLAT (0-5)	North	Dry	Mixed	Forestry	70	120	None	GREY			100		DRY
S03073	356143	5311052	4259109	21/09/2014	Undulating Hills	GTL (5-15)	North	Dry	Mixed	Forestry	75	120	None	GREY , BROWN			100		DRY
S03136	356015	5311638	4259109	29/09/2014	Lowland Plain	GTL (5-15)	North	Moist	Evergreen	Forestry	60	100	None	Black Grey		25	75		Moist
S05914	356979	5312201	4259109	12/09/2014	Lowland Plain	FLAT (0-5)	North	Moist	Mixed	Forestry	60	100	Weak	GREY		100			MOIST
S05915	356565	5312111	4259109	12/09/2014	Undulating Hills	GTL (5-15)	West	Dry	None	Forestry	80	120	Weak	BROWN , GREY		100			MOIST
S02732	352909	5310080	4259111	02/10/2014	Undulating Hills	GTL (5-15)	South	Moist	Mixed	None	60	120	None	GREY		20	80		Wet
S03423	352533	5309742	4259111	02/10/2014	Undulating Hills	FLAT (0-5)		Wet	Evergreen	None	40	100	Weak	GREY		40	60		Wet
S03066	355405	5312528	4259114	21/09/2014	Lowland Plain	GTL (5-15)	East	Moist	Evergreen	None	80	120	None	GREY		25	75		DRY
S03150	354289	5311479	4259114	02/10/2014	Wetland	FLAT (0-5)	South	Wet	Evergreen	None	90	110	None	GREY		100			Saturated
S03163	355308	5311139	4259114	05/10/2014	Plateau	MOD (15-25)	West	Dry	Mixed	None	75	120	None	GREY		40	60		Dry
S03314	354888	5312444	4259114	21/09/2014	Undulating Hills	GTL (5-15)	NE	Dry	Evergreen	Forestry	30	85	Strong	BROWN			80	20	MOIST
S03381	354996	5311533	4259114	05/10/2014	Lowland Plain	GTL (5-15)	West	Seepage	Evergreen	None	50	120	Weak	GREY			100		Moist
S03118	376509	5328832	4259143	26/09/2014	Plateau	GTL (5-15)	North	Dry	Mixed	None	75	120	None	Grey		100			Dry
S06454	376186	5328397	4259143	15/09/2014	Lowland Plain	FLAT (0-5)	West	Moist	Mixed	None	85	120	None	GREY		100			WET
S06456	376186	5328397	4259143	15/09/2014	Lowland Plain	FLAT (0-5)	West	Moist	Mixed	None	75	105	Moderate	BROWN , GREY		50	50		DRY
S05931	377355	5329446	4259144	14/09/2014	Lowland Plain	FLAT (0-5)	South	Wet	Mixed	None	65	105	Weak	BROWN , GREY		100			WET
S05932	377590	5328838	4259144	14/09/2014	Lowland Plain	FLAT (0-5)	North	Dry	Mixed	None	75	120	None	GREY		100			MOIST
S06465	377970	5329249	4259144	18/09/2014	Plateau	MOD (15-25)	North	Dry	Mixed	None	65	85	None	GREY			100		MOIST
S02870	377504	5330730	4259145	13/09/2014	Wetland	FLAT (0-5)		Wet	Mixed	None	50	90	Weak	GREY		20	70	10	WET
S05935	377636	5329993	4259145	14/09/2014	Undulating Hills	GTL (5-15)	South	Dry	Mixed	None	85	60	Moderate	ORANGE			100		DRY
S06455	378041	5330562	4259145	15/09/2014	Lowland Plain	FLAT (0-5)	South	Dry	Mixed	None	65	110	Moderate	BROWN , YELLOW			100		DRY
S02624	378080	5332061	4259146	13/09/2014	Undulating Hills	GTL (5-15)	East	Moist	Deciduous	None	40	100	Moderate	ORANGE , TAN		85	15		MOIST
S06458	379380	5332124	4259146	15/09/2014	Plateau	FLAT (0-5)		Dry	Mixed	None	65	85	Moderate	ORANGE			100		DRY
S03416	379850	5331442	4259147	01/10/2014	Wetland	FLAT (0-5)		Seepage	Mixed	Forestry	30	60	None	GREY		40	60		Saturated
S05922	379919	5332344	4259147	14/09/2014	Lowland Plain	FLAT (0-5)	West	Dry	Evergreen	None	85	120	Moderate	BROWN , RED			100		MOIST
S05923	380934	5331415	4259147	14/09/2014	Undulating Hills	GTL (5-15)	South	Dry	Mixed	None	65	105	Weak	BROWN , YELLOW		100			DRY
S05926	380716	5331931	4259147	14/09/2014	Undulating Hills	GTL (5-15)	East	Dry	Evergreen	None	75	120	Weak	BROWN , YELLOW			100		DRY
S05930	380178	5331680	4259147	14/09/2014	Lowland Plain	FLAT (0-5)	North	Dry	Mixed	None	80	100	Weak	BROWN , YELLOW		50	50		DRY
S03401	380947	5330502	4259148	28/09/2014	Wetland	FLAT (0-5)		Wet	Mixed	None	70	120	Weak	Tan			100		Saturated
S05924	381497	5331369	4259150	14/09/2014	Undulating Hills	GTL (5-15)	North	Dry	Deciduous	None	85	120	None	BROWN , GREY		100			MOIST
S05925	382068	5331575	4259150	14/09/2014	Undulating Hills	GTL (5-15)	South	Moist	Mixed	None	80	120	None	GREY		100			WET
S05929	381159	5332343	4259150	14/09/2014	Lowland Plain	FLAT (0-5)	South	Moist	Mixed	None	80	120	None	GREY		100			WET
S02854	359495	5316271	4259559	12/09/2014	Undulating Hills	MOD (15-25)	West	Moist	Mixed	None	50	90	Moderate	BROWN		10	80	10	MOIST
S02855	359637	5316740	4259559	12/09/2014	Undulating Hills	FLAT (0-5)		Wet	Mixed	Forestry	50	100	Moderate	BROWN			100		WET
S02856	359597	5317116	4259559	12/09/2014	Undulating Hills	FLAT (0-5)		Moist	Mixed	Forestry	50	100	None	GREY		20	80		WET
S02857	359899	5316660	4259559	12/09/2014	Undulating Hills	FLAT (0-5)		Moist	Mixed	Forestry	60	110	Weak to Moderate	BROWN		10	90		WET
S06416	359895	5316019	4259559	05/10/2014	Lowland Plain	FLAT (0-5)	West	Dry	Mixed	Forestry	50	70	None	GREY			100		Dry
S06417	360071	5316461	4259559	05/10/2014	Plateau	FLAT (0-5)	West	Dry	Mixed	Forestry	60	70	None	GREY , BROWN			100		Dry
S06422	361132	5314165	4259562	06/10/2014	Lowland Plain	FLAT (0-5)	South	Moist	Evergreen	None	40	60	None	BROWN , GREY		2	100		Dry
S02851	359499	5314431	4259563	12/09/2014	Wetland	FLAT (0-5)		Wet	Evergreen	Forestry	40	80	Moderate	BROWN		10	80	10	SATURATED
S02852	359239	5315219	4259563	12/09/2014	Wetland	GTL (5-15)	East	Wet to Seepage	Mixed	None	40	100	Strong to Very Strong	BROWN			80	20	MOIST
S02853	359349	5315677	4259563	12/09/2014	Undulating Hills	FLAT (0-5)		Wet	Mixed	None	40	80	Weak to Moderate	BROWN		20	80		MOIST
S03133	359309	5315377	4259563	29/09/2014	Wetland	FLAT (0-5)	East	Moist	Evergreen	Forestry	50	80	None	Black Grey		100			Wet
S05907	359669	5313014	4259563	12/09/2014	Undulating Hills	FLAT (0-5)	North	Dry	Mixed	Forestry	65	100	None	GREY		100			DRY

Appendix 4 b - List of Till Sample Locations

Sample No	UTME	UTMN	Claim	Date Time	Physiography	Slope	Direction	Drainage	Vegetation	Contamination	Depth From (cm)	Depth to (cm)	Oxidation	Colour	Matrix organic	Matrix Texture Clay	Matrix Texture Sand	Matrix Texture Gravel	Moisture
S06498	359299	5314586	4259563	29/09/2014	Wetland	VERY STEEP (>MOD (15-25)5)	South	Moist	Mixed	None	70	120	Strong	Tan			100		Moist
S02954	359572	5312500	4259564	21/09/2014	Undulating Hills	FLAT (0-5)		Moist	Mixed	Forestry	60	100	Weak	BROWN		10	90		MOIST
S05904	358998	5311848	4259564	12/09/2014	Lowland Plain	FLAT (0-5)	North	Moist	Evergreen	Forestry	80	100	Weak	GREY		100			WET
S05905	359350	5312113	4259564	12/09/2014	Undulating Hills	GTL (5-15)	West	Dry	Evergreen	Forestry	60	85	Weak	TAN		100			DRY
S02647	365280	5318877	4259567	15/09/2014	Wetland	FLAT (0-5)		Wet	Mixed	None	20	60	Weak	DARK BROWN	90	5	5		MOIST
S02888	365300	5318352	4259567	15/09/2014	Lowland Plain	FLAT (0-5)		Moist	Mixed	None	40	80	Moderate	BROWN		10	80	10	MOIST
S03105	366629	5319095	4259567	23/09/2014	Plateau	GTL (5-15)	East	Dry	Mixed	Forestry	75	120	None	Grey			100		DRY
S03145	365723	5317878	4259567	01/10/2014	Lowland Plain	GTL (5-15)	South	Moist	Evergreen	None	90	100	None	GREY , BROWN		50	50		Moist
S03356	366635	5318151	4259567	01/10/2014	Undulating Hills	MOD (15-25)	South	Moist	Mixed	None	60	120	Weak	GREY , TAN		20	80		Moist
S03357	365945	5318253	4259567	01/10/2014	Undulating Hills	GTL (5-15)	South	Moist	Mixed	None	40	80	Strong	TAN		80	20		Wet
S03106	367886	5319311	4259568	23/09/2014	Lowland Plain	GTL (5-15)	West	Dry	Evergreen	None	75	120	None	Yellow Brown			100		DRY
S05937	367256	5319321	4259568	14/09/2014	Lowland Plain	FLAT (0-5)	South	Moist	Mixed	None	75	100	None	GREY		100			WET
S02731	352271	5309400	4259615	01/10/2014	Undulating Hills	GTL (5-15)	SE	Moist to Wet	Evergreen	None	55	80	None	MED GREY		35	65		Wet
S03152	353154	5309364	4259615	03/10/2014	Plateau	MOD (15-25)	North	Moist	Evergreen	None	75	110	Weak	GREY , BROWN			100		Moist
S03153	353038	5308531	4259615	03/10/2014	Lowland Plain	GTL (5-15)	West	Moist	Evergreen	Forestry	75	90	None	GREY			100		Moist
S03422	351979	5309003	4259615	02/10/2014	Wetland	FLAT (0-5)	East	Wet	Evergreen	None	40	80	Strong	BROWN			100		Moist
S02960	355993	5310320	4259617	21/09/2014	Wetland	GTL (5-15)	South	Wet	Mixed	None	60	100	None	GREY		10	90		WET
S03162	355660	5310815	4259617	05/10/2014	Lowland Plain	GTL (5-15)	West	Dry	Evergreen	Forestry	75	120	Weak	GREY , BROWN		2	1		Dry
S03318	356016	5310570	4259617	21/09/2014	Undulating Hills	FLAT (0-5)		Dry	Mixed	Forestry	80	120	Moderate	LIGHT GREY , TAN		80	20		MOIST
S03382	355278	5310756	4259617	05/10/2014	Wetland	FLAT (0-5)		Seepage	Evergreen	None	105	120	None	GREY		50	50		Saturated
S02961	356595	5310883	4259618	21/09/2014	Wetland	FLAT (0-5)		Moist	Mixed	Forestry	60	100	Moderate	BROWN			100		MOIST
S03377	356585	5309505	4259618	04/10/2014	Lowland Plain	FLAT (0-5)		Seepage	Mixed	None	50	120	None	GREY		100			Moist
S03378	356878	5309865	4259618	04/10/2014	Undulating Hills	MOD (15-25)	South	Wet	Mixed	None	50	80	None	GREY		100			Wet
S03379	357226	5309511	4259618	04/10/2014	Undulating Hills	GTL (5-15)	South	Seepage	Mixed	None	30	70	Weak	GREY		70	30		Wet
S05902	357691	5310839	4259618	12/09/2014	Undulating Hills	GTL (5-15)	North	Dry	Mixed	Forestry	85	120	None	GREY		100			WET
S02957	358961	5311605	4259619	21/09/2014	Undulating Hills	GTL (5-15)	West	Moist	Evergreen	Forestry	50	100	Weak	LIGHT BROWN			100		MOIST
S03134	358827	5311249	4259619	29/09/2014	Wetland	FLAT (0-5)	South	Wet	Evergreen	Forestry	60	110	None	Grey		100			Saturated
S03135	358730	5310785	4259619	29/09/2014	Wetland	FLAT (0-5)	South	Wet	Evergreen	Forestry	75	100	None	Grey			100		Moist
S06420	359330	5311297	4259619	05/10/2014	Lowland Plain	FLAT (0-5)	South	Wet	Evergreen	Forestry	50	100	None	GREY		10	90		Moist
S06500	358400	5311078	4259619	29/09/2014	Undulating Hills	GTL (5-15)	North	Dry	Mixed	Forestry	50	80	Moderate	Grey , TAN		10	90		Dry
S03161	360561	5311926	4259620	04/10/2014	Wetland	FLAT (0-5)	North	Moist	Mixed	None	75	120	Weak	GREY , BROWN		100			Moist
S03155	361703	5311047	4259621	04/10/2014	Wetland	FLAT (0-5)	North	Wet	Evergreen	None	65	100	None	GREY		100			Saturated
S03156	361421	5311422	4259621	04/10/2014	Wetland	FLAT (0-5)	North	Wet	Evergreen	None	80	100	Weak	GREY , BROWN		100			Wet
S03157	361402	5311838	4259621	04/10/2014	Lowland Plain	FLAT (0-5)	North	Moist	Evergreen	None	60	110	None	GREY			100		Moist
S02652	363953	5312248	4259622	15/09/2014	Undulating Hills	GTL (5-15)	South	Moist	Mixed	None	40	110	Strong to Very Strong	ORANGE , GREY		90	10		MOIST
S02653	363612	5311287	4259622	15/09/2014	Undulating Hills	FLAT (0-5)	North	Wet	Mixed	None	40	110	None	GREY		60	40		MOIST
S02893	364020	5311721	4259622	15/09/2014	Undulating Hills	GTL (5-15)	East	Moist	Deciduous	None	60	110	Weak	BROWN		30	70		MOIST
S06485	363037	5311076	4259622	26/09/2014	Wetland	GTL (5-15)	East	Seepage	Mixed	None	50	100	Strong	Tan			100		Moist
S02656	361478	5308730	4260423	15/09/2014	Lowland Plain	FLAT (0-5)	South	Wet	Mixed	None	40	100	None	LIGHT GREY		70	30		WET
S02896	361653	5309254	4260423	15/09/2014	Undulating Hills	GTL (5-15)	NW	Moist	Mixed	None	40	90	Weak	BROWN		10	80	10	MOIST
S02975	362506	5308474	4260423	23/09/2014	Undulating Hills	FLAT (0-5)		Moist	Mixed	None	50	100	None	GREY		40	60		MOIST
S02976	362018	5307864	4260423	23/09/2014	Wetland	FLAT (0-5)		Seepage	Deciduous	None	60	120	None	GREY , BLACK		60	40		SATURATED
S03092	361994	5308354	4260423	23/09/2014	Undulating Hills	FLAT (0-5)	South	Moist	Mixed	Forestry	30	100	Moderate	TAN , ORANGE		50	50		MOIST
S03158	360928	5311386	4260424	04/10/2014	Lowland Plain	FLAT (0-5)	South	Moist	Evergreen	None	65	110	None	GREY , BROWN		30	70		Moist
S03159	361008	5310687	4260424	04/10/2014	Lowland Plain	GTL (5-15)	South	Moist	Mixed	None	70	110	None	GREY			100		Moist
S03160	360527	5311501	4260424	04/10/2014	Lowland Plain	GTL (5-15)	North	Dry	Mixed	Forestry	75	100	Moderate	YELLOW , BROWN			100		Moist
S02655	362122	5309548	4260425	15/09/2014	Undulating Hills	GTL (5-15)	North	Wet	Mixed	None	20	60	Weak	DARK GREY		40	60		WET
S02895	362689	5310043	4260425	15/09/2014	Undulating Hills	FLAT (0-5)		Moist	Deciduous	None	50	100	Weak	BROWN		10	90		MOIST
S06484	362396	5310406	4260425	26/09/2014	Undulating Hills	GTL (5-15)	East	Dry	Deciduous	Forestry	50	110	Weak	Grey		100			Dry
S02654	362853	5310520	4260426	15/09/2014	Undulating Hills	GTL (5-15)	East	Moist	Mixed	None	50	120	Weak	TAN , GREY		5	95		MOIST
S02894	363305	5310875	4260426	15/09/2014	Undulating Hills	GTL (5-15)	South	Moist	Deciduous	None	50	110	Weak	BROWN		10	90		MOIST
S02973	363421	5310180	4260426	23/09/2014	Wetland	FLAT (0-5)		Wet	Deciduous	None	40	100	Weak to Moderate	GREY , BROWN		20	80		SATURATED
S02974	363082	5307871	4260427	23/09/2014	Undulating Hills	FLAT (0-5)		Moist	Evergreen	None	50	120	Weak	TAN			100		MOIST
S03090	363127	5308321	4260427	23/09/2014	Undulating Hills	MOD (15-25)	North	Moist	Mixed	None	50	120	Weak	LIGHT TAN			100		MOIST
S03091	363567	5308387	4260427	23/09/2014	Undulating Hills	FLAT (0-5)		Moist	Mixed	Domestic	50	120	Moderate	ORANGE , TAN			100		MOIST
S02665	358587	5307797	4260428	16/09/2014	Undulating Hills	FLAT (0-5)		Moist	Mixed	None	30	80	Weak	TAN , GREY		95	5		MOIST
S02666	358453	5308415	4260428	16/09/2014	Undulating Hills	GTL (5-15)	NW	Moist	Mixed	None	25	70	Weak	DARK GREY , TAN		10	90		MOIST
S02900	359539	5308159	4260428	15/09/2014	Undulating Hills	GTL (5-15)	South	Dry	Mixed	None	40	90	Weak	BROWN		10	90		MOIST
S02903	359044	5307985	4260428	16/09/2014	Undulating Hills	FLAT (0-5)		Moist	Mixed	None	50	90	Moderate	BROWN		10	90		MOIST
S02905	358289	5307980	4260428	16/09/2014	Undulating Hills	GTL (5-15)	West	Moist	Mixed	None	50	120	Moderate	BROWN		20	80		MOIST
S02658	359889	5307614	4260429	15/09/2014	Undulating Hills	FLAT (0-5)	SE	Moist	Mixed	None	50	120	Moderate	TAN , ORANGE		35	65		MOIST
S02661	359644	5308451	4260429	15/09/2014	Undulating Hills	FLAT (0-5)		Moist	Other	Forestry	40	120	Weak	GREY , TAN		50	50		SATURATED

Appendix 4 b - List of Till Sample Locations

Sample No	UTME	UTMN	Claim	Date Time	Physiography	Slope	Direction	Drainage	Vegetation	Contamination	Depth From (cm)	Depth to (cm)	Oxidation	Colour	Matrix organic	Matrix Texture Clay	Matrix Texture Sand	Matrix Texture Gravel	Moisture
502684	360028	5307904	4260429	17/09/2014	Wetland	MOD (15-25)	South	Wet	Mixed	None	50	120	Weak	GREY , TAN			100		MOIST
502897	361053	5308492	4260429	15/09/2014	Undulating Hills	FLAT (0-5)		Moist	Mixed	None	60	110	Weak	GREY , BROWN		20	70	10	MOIST
502898	360058	5308083	4260429	15/09/2014	Undulating Hills	FLAT (0-5)	NE	Moist	Mixed	None	50	90	Weak	BROWN			100		MOIST
502899	359712	5307182	4260429	15/09/2014	Undulating Hills	FLAT (0-5)		Dry	Evergreen	None	50	120	None	GREY			100		MOIST
502978	360547	5308266	4260429	23/09/2014	Undulating Hills	FLAT (0-5)		Moist	Mixed	Forestry	60	100	Weak	BROWN , TAN			100		MOIST
503365	352991	5306158	4260430	03/10/2014	Lowland Plain	FLAT (0-5)		Wet	Mixed	None	70	120	Moderate	TAN		20	80		Moist
503366	352580	5305719	4260430	03/10/2014	Lowland Plain	FLAT (0-5)		Wet	Mixed	None	60	120	Weak	GREY		80	20		Wet
503367	352850	5305286	4260430	03/10/2014	Undulating Hills	GTL (5-15)	South	Wet	Mixed	None	70	120	Strong	TAN			100		Moist
503368	352576	5304759	4260430	03/10/2014	Undulating Hills	GTL (5-15)	West	Moist	Mixed	None	60	100	Strong	TAN			100		Dry
503373	353006	5304844	4260430	04/10/2014	Undulating Hills	GTL (5-15)	North	Seepage	Mixed	None	30	50	Strong	GREY , TAN		100			Saturated
505951	351957	5304760	4260430	06/09/2014	Plateau	FLAT (0-5)	South	Dry	Mixed	Forestry	60	80	Moderate	BROWN , GREY			100		MOIST
505952	351725	5306045	4260430	06/09/2014	Lowland Plain	GTL (5-15)	North	Moist	Mixed	Forestry	50	90	Weak	GREY				100	MOIST
506409	351778	5305062	4260430	06/09/2014	Lowland Plain	FLAT (0-5)		Dry	Evergreen	Forestry	40	60	Weak	BROWN		10	90		DRY
506410	351849	5305504	4260430	06/09/2014	Lowland Plain	FLAT (0-5)		Dry	Mixed	Forestry	60	100	Weak	GREY		10	30	60	MOIST
503369	353434	5306836	4260431	03/10/2014	Undulating Hills	GTL (5-15)	North	Moist	Evergreen	None	60	110	Weak	GREY		50	50		Dry
503370	353487	5306494	4260431	03/10/2014	Undulating Hills	FLAT (0-5)		Moist	Evergreen	None	90	120	Strong	TAN			100		Moist
503371	353320	5306048	4260431	03/10/2014	Undulating Hills	GTL (5-15)	East	Moist	Mixed	None	50	90	Weak	GREY		80	20		Wet
503372	353344	5305426	4260431	03/10/2014	Undulating Hills	MOD (15-25)	East	Moist	Mixed	None	60	120	Weak	GREY		80	20		Moist
502669	355639	5306992	4260432	16/09/2014	Undulating Hills	GTL (5-15)	East	Dry	Mixed	None	30	80	Strong	ORANGE , BROWN			100		MOIST
502674	356178	5306082	4260432	16/09/2014	Lowland Plain	FLAT (0-5)		Wet	Mixed	None	40	120	None	LIGHT GREY		70	30		SATURATED
502677	355046	5306089	4260432	17/09/2014	Undulating Hills	FLAT (0-5)		Moist	Mixed	None	40	100	Weak	ORANGE , TAN			90	10	MOIST
502678	354954	5305597	4260432	17/09/2014	Undulating Hills	FLAT (0-5)		Moist	Mixed	None	40	100	Weak	ORANGE , TAN			90	10	MOIST
502680	354933	5306909	4260432	17/09/2014	Undulating Hills	FLAT (0-5)		Moist	Mixed	None	30	95	Moderate	BROWN , TAN		75	25		MOIST
502682	355650	5305581	4260432	17/09/2014	Undulating Hills	GTL (5-15)	North	Moist	Mixed	Forestry	40	110	Weak to Moderate	TAN		10	90		MOIST
502908	356044	5306977	4260432	16/09/2014	Undulating Hills	FLAT (0-5)		Moist	Mixed	None	60	120	None	GREY		10	80	10	WET
502914	355033	5306460	4260432	17/09/2014	Undulating Hills	GTL (5-15)	East	Moist	Mixed	None	40	70	Moderate	BROWN		10	90		MOIST
502919	355348	5305576	4260432	17/09/2014	Undulating Hills	FLAT (0-5)		Moist	Mixed	Forestry	50	100	Strong to Very Strong	BROWN		10	90		MOIST
503350	356363	5306548	4260432	26/09/2014	Undulating Hills	GTL (5-15)	East	Dry	Mixed	None	30	50	Strong	Tan , Grey		20	80		Moist
502659	359482	5306978	4260433	15/09/2014	Undulating Hills	FLAT (0-5)	North	Moist	Mixed	None	45	110	Weak	GREY , TAN		65	35		MOIST
502660	359070	5306790	4260433	15/09/2014	Lowland Plain	FLAT (0-5)	North	Moist	Mixed	None	40	120	Moderate to Strong	ORANGE , TAN		20	80		MOIST
502720	359553	5305992	4260433	29/09/2014	Undulating Hills	FLAT (0-5)		Wet	Mixed	Forestry	40	110	Weak	Tan , Grey		20	80		Moist
503140	358507	5306668	4260433	30/09/2014	Lowland Plain	GTL (5-15)	West	Moist	Mixed	None	75	100	None	Grey , BROWN			100		Dry
503144	358596	5306517	4260433	30/09/2014	Lowland Plain	MOD (15-25)	South	Moist	Evergreen	None	80	100	None	GREY , BROWN		85	75		Moist
503410	359459	5306586	4260433	29/09/2014	Wetland	FLAT (0-5)		Wet	Mixed	None	50	100	None	Grey		20	80		Wet
502977	361875	5306969	4260434	23/09/2014	Wetland	FLAT (0-5)		Seepage	Decidious	None	50	100	None	GREY		60	40		SATURATED
503093	361934	5307395	4260434	23/09/2014	Plateau	FLAT (0-5)		Moist	Mixed	None	35	100	Weak to Moderate	TAN , ORANGE		70	30		MOIST
503094	361703	5306358	4260434	23/09/2014	Lowland Plain	FLAT (0-5)		Moist	Mixed	Forestry	40	110	Weak	LIGHT GREY , TAN		75	25		MOIST
502719	360194	5305447	4260435	29/09/2014	Undulating Hills	GTL (5-15)	South	Wet	Mixed	Forestry	40	120	Weak	LIGHT GREY TAN		10	90		Moist
503409	360019	5305819	4260435	29/09/2014	Wetland	FLAT (0-5)		Seepage	Mixed	Forestry	40	90	None	Grey		30	70		Saturated
502679	354376	5305154	4260436	17/09/2014	Undulating Hills	FLAT (0-5)		Moist	Mixed	None	60	100	Strong	ORANGE , BROWN		80	20		MOIST
502915	354731	5305267	4260436	17/09/2014	Undulating Hills	FLAT (0-5)		Moist	Mixed	None	50	90	Moderate	BROWN		20	80		MOIST
502916	354074	5304885	4260436	17/09/2014	Undulating Hills	VERY STEEP (>MOD (15-25))	South	Wet	Mixed	Agriculture	1	40		BROWN		2	10	90	MOIST
503374	353934	5304653	4260436	04/10/2014	Wetland	GTL (5-15)	West	Seepage	Mixed	None	50	80	Strong	TAN , GREY		20	80		Moist
502912	356001	5305405	4260437	16/09/2014	Undulating Hills	FLAT (0-5)		Moist	Mixed	None	50	120	Weak	BROWN , TAN			100		MOIST
503141	357475	5305935	4260438	30/09/2014	Plateau	GTL (5-15)	North	Dry	Mixed	None	75	120	None	GREY			100		Dry
503142	357488	5305826	4260438	30/09/2014	Wetland	FLAT (0-5)	South	Wet	Evergreen	None	60	100	None	Grey		100			Saturated
503143	357262	5305504	4260438	30/09/2014	Wetland	GTL (5-15)	South	Moist	Evergreen	None	75	100	None	Grey , BROWN			100		Wet
503353	356833	5305287	4260438	30/09/2014	Undulating Hills	GTL (5-15)	South	Dry	Evergreen	None	60	120	Strong	Tan			100		Dry
502672	355563	5308985	4260442	15/09/2014	Undulating Hills	GTL (5-15)	SW	Moist	Other	Forestry	50	100	Weak	GREY , TAN		10	90		WET
502911	355716	5308610	4260442	16/09/2014	Undulating Hills	MOD (15-25)	West	Dry	Mixed	Forestry	40	90	Strong	BROWN		10	90		MOIST
503375	356128	5308667	4260442	04/10/2014	Undulating Hills	GTL (5-15)	South	Seepage	Evergreen	None	60	80	None	GREY		80	20		Wet
503376	356068	5309190	4260442	04/10/2014	Lowland Plain	GTL (5-15)	West	Moist	Mixed	None	60	120	Moderate	GREY		100			Moist
502722	366195	5314737	4260472	30/09/2014	Plateau	FLAT (0-5)		Moist	Mixed	None	50	120	None	MED GREY		70	30		Moist
502723	366846	5315790	4260472	30/09/2014	Undulating Hills	MOD (15-25)	South	Moist	Mixed	None	30	90	Weak to Moderate	Tan , Grey		90	10		Moist
502970	365711	5315837	4260472	23/09/2014	Undulating Hills	GTL (5-15)	North	Wet	Mixed	None	60	100	Moderate	BROWN		30	70		WET
503413	366517	5315328	4260472	30/09/2014	Undulating Hills	FLAT (0-5)		Wet	Mixed	None	40	80	Strong	Black			90	10	Moist
502715	368446	5317553	4260473	28/09/2014	Mature Mts	STEEP (25-35)	East	Moist	Mixed	None	30	90	Weak to Moderate			70	30		Moist
502716	368129	5317198	4260473	28/09/2014	Mature Mts	FLAT (0-5)		Seepage	Mixed	None	40	110	None	Grey-Brown , DARK BROWN		80	20		Saturated
502724	367596	5316320	4260473	30/09/2014	Undulating Hills	MOD (15-25)	South	Moist	Mixed	None	40	90		Tan , Orange		90	10		Moist
503414	367288	5316100	4260473	30/09/2014	Undulating Hills	GTL (5-15)	West	Moist	Mixed	None	40	80	Weak	Grey , TAN			100		Moist
503415	367863	5316825	4260473	30/09/2014	Mature Mts	FLAT (0-5)		Wet	Mixed	None	50	90	Weak	Tan		10	90		Moist
503363	352904	5306858	4260894	03/10/2014	Lowland Plain	FLAT (0-5)		Moist	Mixed	None	60	120	Weak	GREY		30	70		Moist

Appendix 4 b - List of Till Sample Locations

Sample No	UTME	UTMN	Claim	Date Time	Physiography	Slope	Direction	Drainage	Vegetation	Contamination	Depth From (cm)	Depth to (cm)	Oxidation	Colour	Matrix organic	Matrix Texture Clay	Matrix Texture Sand	Matrix Texture Gravel	Moisture
S03364	352481	5307056	4260894	03/10/2014	Wetland	FLAT (0-5)		Seepage	Mixed	None	60	90	Moderate	TAN		80	20		Wet
S02681	354304	5307350	4260895	17/09/2014	Undulating Hills	FLAT (0-5)		Wet	Mixed	None	60	100	Moderate to Strong	ORANGE , BROWN		70	30		MOIST
S02917	354569	5307084	4260895	17/09/2014	Wetland	FLAT (0-5)		Wet	Mixed	None	40	80	Weak	GREY , BROWN		10	80	10	WET
S02918	354316	5307744	4260895	17/09/2014	Undulating Hills	FLAT (0-5)		Moist	Mixed	None	40	80	Moderate	BROWN			100		WET
S03154	353990	5308409	4260895	03/10/2014	Wetland	GTL (5-15)	East	Moist	Evergreen	Forestry	75	80	Weak	GREY , BROWN		40	60		Moist
S02670	355341	5307529	4260896	16/09/2014	Undulating Hills	FLAT (0-5)		Moist	Mixed	Forestry	30	80	Moderate	GREY		30	60	10	MOIST
S02671	355135	5307918	4260896	16/09/2014	Undulating Hills	GTL (5-15)	West	Seepage	Other	Forestry	40	110	Moderate	BROWN , TAN		19	85		SATURATED
S02673	355779	5308222	4260896	16/09/2014	Undulating Hills	FLAT (0-5)		Seepage	Mixed	None	30	70	Weak	DARK GREY		10	90		SATURATED
S02909	355326	5307027	4260896	16/09/2014	Wetland	FLAT (0-5)		Seepage	Deciduous	None	60	120	None	GREY , DARK BROWN	20	50	30		SATURATED
S02910	355424	5307918	4260896	16/09/2014	Undulating Hills	GTL (5-15)	South	Dry	Evergreen	None	50	100	Moderate	BROWN , PEBBLES			100		MOIST
S02675	357476	5308551	4260897	16/09/2014	Lowland Plain	FLAT (0-5)		Moist	Mixed	None	40	100	None	MED GREY		20	80		MOIST
S02913	357571	5308098	4260897	16/09/2014	Undulating Hills	FLAT (0-5)		Moist	Mixed	None	40	100	None to weak	GREY , BROWN		20	80		MOIST
S03380	357169	5308878	4260897	04/10/2014	Undulating Hills	MOD (15-25)	East	Seepage	Mixed	None	50	90	Strong	GREY , TAN		50	50		Wet
S02667	357116	5307330	4260898	16/09/2014	Undulating Hills	FLAT (0-5)	NE	Seepage	Mixed	None	30	90	Weak to Moderate	BROWN , TAN		90	10		SATURATED
S02668	356521	5306860	4260898	16/09/2014	Undulating Hills	FLAT (0-5)	SW	Moist	Mixed	None	40	100	None	GREY		20	80		MOIST
S02676	357456	5307680	4260898	16/09/2014	Lowland Plain	FLAT (0-5)		Moist	Mixed	None	30	95	None	LIGHT GREY		90	10		MOIST
S02906	357745	5307579	4260898	16/09/2014	Undulating Hills	FLAT (0-5)		Wet	Mixed	None	60	120	Weak	GREY , BROWN		40	60		WET
S02907	356810	5307092	4260898	16/09/2014	Undulating Hills	FLAT (0-5)		Moist	Mixed	None	40	90	None	GREY		20	80		MOIST
S02902	359419	5308961	4260899	16/09/2014	Undulating Hills	GTL (5-15)	East	Moist	None	Forestry	50	100	Strong	BROWN		10	80	10	MOIST
S02904	358461	5308772	4260899	16/09/2014	Undulating Hills	FLAT (0-5)		Moist	Mixed	None	40	90	Weak	GREY , BROWN		30	70		MOIST
S02662	359734	5309431	4260900	16/09/2014	Undulating Hills	FLAT (0-5)		Wet	Evergreen	Forestry	40	110	Moderate	TAN , ORANGE		15	85		MOIST
S02663	359842	5309038	4260900	16/09/2014	Undulating Hills	FLAT (0-5)	NE	Seepage	Other	Forestry	20	70	Strong	ORANGE , TAN		90	10		WET
S02683	360678	5308751	4260900	17/09/2014	Lowland Plain	FLAT (0-5)	West	Wet	Mixed	Forestry	40	110	Weak to Moderate	TAN , BROWN		50	50		MOIST
S02901	359761	5309899	4260900	16/09/2014	Undulating Hills	FLAT (0-5)		Moist	Evergreen	Forestry	40	80	Strong	BROWN		10	70	20	WET
S02920	360634	5309070	4260900	17/09/2014	Undulating Hills	GTL (5-15)	West	Moist	Mixed	None	50	90	Moderate	BROWN , TAN		10	90		WET
S02928	349219	5320250	4261424	18/09/2014	Undulating Hills	FLAT (0-5)		Moist	Mixed	None	50	90	Weak	GREY , BROWN		50	50		MOIST
S03137	348780	5319448	4261424	29/09/2014	Lowland Plain	GTL (5-15)	South	Dry	Mixed	Forestry	70	100	None	Grey			100		Moist
S03138	349341	5319905	4261424	29/09/2014	Wetland	FLAT (0-5)	South	Wet	Evergreen	None	80	120	None	Grey		100			Saturated
S03351	348724	5319150	4261424	29/09/2014	Wetland	FLAT (0-5)		Seepage	Evergreen	None	40	120	None	Grey		100			Moist
S02686	350838	5319051	4261428	18/09/2014	Undulating Hills	GTL (5-15)	East	Moist	Mixed	None	40	100	Weak	TAN , GREY		95	5		MOIST
S02685	350785	5318021	4261429	18/09/2014	Lowland Plain	FLAT (0-5)		Moist	Mixed	None	50	120	Weak	GREY , TAN					MOIST
S02922	350863	5317147	4261429	18/09/2014	Undulating Hills	FLAT (0-5)		Moist	Mixed	None	50	120	Weak	BROWN , TAN			100		MOIST
S02923	350886	5317633	4261429	18/09/2014	Undulating Hills	FLAT (0-5)		Moist	Mixed	None	40	80	Moderate	BROWN		10	90		MOIST
S02924	350881	5318606	4261429	18/09/2014	Wetland	FLAT (0-5)		Wet	Mixed	None	50	120	None	GREY		60	40		WET
S03139	349579	5320815	4261430	29/09/2014	Lowland Plain	FLAT (0-5)	South	Moist	Evergreen	None	70	90	None	Grey , BROWN			100		Moist
S03171	347903	5318676	4261432	07/10/2014	Lowland Plain	GTL (5-15)	West	Moist	Mixed	None	75	120	None	GREY		100			Wet
S02523	352123	5314513	4261436	05/09/2014	Undulating Hills	FLAT (0-5)		Moist	Mixed	None	60	110	None	GREY		90	10		MOIST
S02524	353017	5314991	4261437	05/09/2014	Undulating Hills	FLAT (0-5)		Moist to Wet	Mixed	None	60	120	Weak	GREY		90	10		MOIST/WET
S06411	352453	5315046	4261437	06/09/2014	Undulating Hills	FLAT (0-5)		Dry	Mixed	Forestry	60	100	Weak	GREY		20	80		MOIST
S05953	352119	5315247	4262427	06/09/2014	Lowland Plain	GTL (5-15)	West	Dry	Mixed	Forestry	50	100	Weak	GREY		100			MOIST
S06413	351980	5315687	4262427	06/09/2014	Plateau	FLAT (0-5)		Dry	Mixed	Forestry	60	80	Weak	GREY		80	20		MOIST
S02525	353722	5315442	4262428	05/09/2014	Lowland Plain	FLAT (0-5)		Moist	Mixed	Forestry	50	90	Moderate	LIGHT BROWN , MED GREY		85	15		MOIST
S05954	352962	5315687	4262428	06/09/2014	Plateau	GTL (5-15)	East	Dry	Mixed	Forestry	60	80	Moderate	BROWN , RED			100		DRY
S05955	352514	5315964	4262428	06/09/2014	Plateau	GTL (5-15)	South	Dry	Mixed	Forestry	80	160	Weak	GREY , RED			100		DRY
S05956	353108	5316368	4262428	06/09/2014	Plateau	FLAT (0-5)	North	Dry	Mixed	Forestry	80	120	Weak	GREY					MOIST
S06412	352491	5315483	4262428	06/09/2014	Plateau	FLAT (0-5)		Moist	Mixed	Forestry	60	100	None	GREY		90			MOIST
S06414	352695	5316418	4262428	06/09/2014	Plateau	FLAT (0-5)		Dry	Mixed	Forestry	50	80	Weak	BROWN , GREY		20	80		MOIST
S02526	354594	5315638	4262429	05/09/2014	Undulating Hills	FLAT (0-5)		Moist	Mixed	None	60	110	None	LIGHT GREY		90	10		MOIST
S02527	355123	5315837	4262429	05/09/2014	Undulating Hills	FLAT (0-5)		Moist	Mixed	Forestry	50	110	Weak	LIGHT GREY		95	5		MOIST
S02615	355367	5315649	4262429	12/09/2014	Undulating Hills	FLAT (0-5)		Moist	Mixed	Forestry	50	120	None	LIGHT GREY		90	10		WET
S02776	354202	5315488	4262429	05/09/2014	Lowland Plain	FLAT (0-5)	North	Moist	Mixed	None	40	80	Moderate	ORANGE , BROWN		30	70		MOIST
S02777	354928	5316270	4262429	05/09/2014	Wetland	FLAT (0-5)		Moist	Evergreen	None	30	60	Strong	ORANGE , BROWN		40	60		MOIST
S02933	354521	5316454	4262429	19/09/2014	Lowland Plain	FLAT (0-5)		Moist	Mixed	Forestry	40	80	Weak	BROWN		60	40		MOIST
S03043	354193	5316460	4262429	19/09/2014	Lowland Plain	GTL (5-15)	West	Moist	Evergreen	Forestry	80	100	None	GREY , BROWN		100			MOIST
S03087	355376	5316554	4262429	20/09/2014	Undulating Hills	FLAT (0-5)		Seepage	Other	Forestry	40	100	Weak to Moderate	TAN , GREY/ ORANGE		10	90		WET
S03345	354841	5315281	4262429	28/09/2014	Other	FLAT (0-5)		Dry	Evergreen	Agriculture & Forestry	30	80	Strong	Grey , TAN		10	90		Moist
S03346	355008	5315486	4262429	26/09/2014	Other	GTL (5-15)	East	Dry	Mixed	Agriculture & Forestry	40	80	Strong	Tan			100		Dry
S02934	354319	5316963	4262430	19/09/2014	Lowland Plain	FLAT (0-5)		Moist	Mixed	Forestry	50	100	Weak	GREY , BROWN		20	80		MOIST
S02935	354518	5317122	4262430	19/09/2014	Lowland Plain	FLAT (0-5)		Moist	Mixed	Forestry	50	90	Weak to Moderate	BROWN , GREY			80	20	MOIST
S02937	354898	5317571	4262430	19/09/2014	Lowland Plain	FLAT (0-5)		Moist	Mixed	Forestry	50	90	Moderate	BROWN		20	80		WET

Appendix 4 b - List of Till Sample Locations

Sample No	UTME	UTMN	Claim	Date Time	Physiography	Slope	Direction	Drainage	Vegetation	Contamination	Depth From (cm)	Depth to (cm)	Oxidation	Colour	Matrix organic	Matrix Texture Clay	Matrix Texture Sand	Matrix Texture Gravel	Moisture
S02938	354902	5318069	4262430	19/09/2014	Lowland Plain	FLAT (0-5)		Wet	Mixed	Forestry	50	100	None	GREY		20	80		WET
S02939	355162	5318222	4262430	19/09/2014	Wetland	GTL (5-15)	West	Wet	Mixed	Forestry	50	120	None	GREY		20	80		WET
S03044	355156	5317245	4262430	19/09/2014	Lowland Plain	FLAT (0-5)	West	Moist	Evergreen	Forestry	60	120	None	GREY , BROWN		100			MOIST
S03169	354227	5316905	4262430	07/10/2014	Lowland Plain	GTL (5-15)	West	Moist	Evergreen	Forestry	75	100	Weak	GREY , BROWN			100		Moist
S03387	354244	5318003	4262430	07/10/2014	Wetland	GTL (5-15)	North	Wet	Evergreen	Forestry	50	100	Moderate	GREY		20	80		Saturated
S02616	356593	5317537	4262431	12/09/2014	Undulating Hills	FLAT (0-5)		Moist	Mixed	Forestry	50	120	Moderate	ORANGE , TAN			100		MOIST
S02617	356842	5317968	4262431	12/09/2014	Undulating Hills	FLAT (0-5)		Moist	Mixed	Forestry	30	60	Strong	BROWN , TAN		80	20		SATURATED
S02619	356455	5318313	4262431	12/09/2014	Undulating Hills	FLAT (0-5)		Moist	Mixed	Forestry	50	120	Weak	GREY , TAN		20	80		MOIST
S02936	355483	5317114	4262431	19/09/2014	Lowland Plain	FLAT (0-5)		Moist	Evergreen	Forestry	50	100	Moderate	BROWN		10	80	10	WET
S03045	355905	5317089	4262431	19/09/2014	Lowland Plain	FLAT (0-5)	East	Dry	Evergreen	Forestry	50	120	None	GREY		100			DRY
S03046	355570	5318421	4262431	19/09/2014	Plateau	FLAT (0-5)	West	Dry	Mixed	Forestry	50	100	None	GREY , BROWN		100			DRY
S03057	356258	5317110	4262431	20/09/2014	Lowland Plain	GTL (5-15)	South	Moist	Evergreen	None	90	120	None	GREY , BROWN		100			WET
S03103	356734	5317429	4262431	23/09/2014	Lowland Plain	FLAT (0-5)	South	Dry	evergreen	Domestic	70	120	None	GB			100		MOIST
S02618	356842	5318432	4262432	12/09/2014	Lowland Plain	FLAT (0-5)		Moist	Mixed	Forestry	50	120	Weak	LIGHT GREY TAN		90	10		WET
S02942	356985	5318931	4262432	19/09/2014	Undulating Hills	GTL (5-15)	South	Moist	Evergreen	Forestry	50	100	Moderate	BROWN , TAN			100		MOIST
S02944	355627	5318716	4262432	19/09/2014	Undulating Hills	GTL (5-15)	North	Seepage	Deciduous	None	60	100	Strong	DARK BROWN			90	10	SATURATED
S03047	356031	5318638	4262432	19/09/2014	Plateau	FLAT (0-5)	West	Dry	Evergreen	None	60	120	None	GREY , BROWN		100			DRY
S03048	355953	5319212	4262432	19/09/2014	Plateau	FLAT (0-5)	North	Dry	Mixed	Domestic	40	100	Weak	GREY , BROWN		100			DRY
S03080	356635	5319037	4262432	20/09/2014	Undulating Hills	GTL (5-15)	South	Wet	Evergreen	Forestry	40	100	Moderate	TAN , ORANGE		80	20		WET
S02528	357071	5317691	4262433	05/09/2014	Plateau	FLAT (0-5)		Moist	Mixed	Forestry	40	80	Weak	LIGHT GREY TAN		90	10		WET
S02529	358065	5317403	4262433	05/09/2014	Undulating Hills	FLAT (0-5)		Moist	Mixed	None	40	100	Weak	GREY , TAN		50	50		WET
S02613	357872	5316963	4262433	12/09/2014	Undulating Hills	FLAT (0-5)	South	Moist	Mixed	Forestry	30	90	Moderate to Strong	ORANGE , TAN		90	10		MOIST
S02620	357401	5318125	4262433	12/09/2014	Undulating Hills	FLAT (0-5)		Moist	Mixed	Forestry	40	90	Strong	ORANGE , BROWN		50	50		MOIST
S02779	357693	5317654	4262433	05/09/2014	Lowland Plain	FLAT (0-5)		Wet	Evergreen	Forestry	50	100	Weak	BROWN		20	80		WET
S03081	358161	5318209	4262433	20/09/2014	Lowland Plain	GTL (5-15)	South	Moist	Mixed	Forestry	30	95	None	LIGHT GREY		95	5		MOIST
S03088	358442	5317076	4262433	20/09/2014	Undulating Hills	FLAT (0-5)	SW	Moist	Mixed	Forestry	30	90	Weak to Moderate	TAN , ORANGE		90	10		MOIST
S02621	357744	5318465	4262435	12/09/2014	Lowland Plain	FLAT (0-5)		Moist	Evergreen	Forestry	30	100	None to weak	LIGHT GREY		100			MOIST
S02622	358155	5318591	4262435	12/09/2014	Undulating Hills	GTL (5-15)	North	Moist	Mixed	Forestry	50	100	Moderate	TAN , BROWN		75	25		WET
S02696	357513	5318766	4262435	19/09/2014	Lowland Plain	FLAT (0-5)		Moist	Mixed	Forestry	35	100	Weak	GREY , TAN		100			MOIST
S02697	357705	5319230	4262435	19/09/2014	Wetland	FLAT (0-5)		Moist	Mixed	Forestry	40	110	None	LIGHT GREY		100			SATURATED
S02698	357929	5319574	4262435	19/09/2014	Undulating Hills	FLAT (0-5)	South	Moist	Mixed	Forestry	40	85	Moderate	ORANGE , TAN		60	40		MOIST
S03053	358456	5318736	4262435	20/09/2014	Lowland Plain	GTL (5-15)	North	Moist	Mixed	None	70	110	None	GREY		50	50		MOIST
S03082	358476	5319206	4262435	20/09/2014	Wetland	FLAT (0-5)	West	Wet	Evergreen	None	40	100	Weak	GREY , BROWN		100			SATURATED
S03085	358378	5319608	4262435	20/09/2014	Undulating Hills	FLAT (0-5)		Moist	Mixed	None	40	120	Weak	GREY , TAN		100			MOIST
S06424	358210	5319983	4262435	06/10/2014	Lowland Plain	FLAT (0-5)	South	Wet	Evergreen	None	40	60	None	BLACK	90	5	5		Wet
S02530	360571	5318082	4262436	05/09/2014	Undulating Hills	FLAT (0-5)		Moist	Mixed	None	40	120	Weak	LIGHT GREY TAN			100		MOIST
S02780	359259	5317529	4262436	05/09/2014	Wetland	FLAT (0-5)		Wet	Mixed	Forestry	30	90	Weak	BROWN , GREY		60	40		WET
S02968	359678	5318053	4262436	22/09/2014	Undulating Hills	FLAT (0-5)		Moist	Mixed	Forestry	50	80	Moderate	BROWN			100		MOIST
S02969	359899	5318369	4262436	22/09/2014	Undulating Hills	FLAT (0-5)		Moist	Mixed	Forestry	60	100	None to weak	GREY , BROWN		30	70		WET
S03059	360184	5317961	4262436	20/09/2014	Lowland Plain	GTL (5-15)	North	Dry	Mixed	None	80	120	None	GREY		25	75		MOIST
S03060	360466	5317982	4262436	20/09/2014	Wetland	FLAT (0-5)	North	Wet	Mixed	None	75	120	None	GREY		100			SATURATED
S03089	359895	5317742	4262436	20/09/2014	Undulating Hills	FLAT (0-5)		Moist	Mixed	Forestry	30	80	Moderate	ORANGE , TAN		50	50		MOIST
S03326	360045	5318724	4262436	22/09/2014	Undulating Hills	GTL (5-15)	North	Moist	Mixed	None	80	120	Moderate	GREY , TAN		20	80		MOIST
S02640	362122	5319658	4262438	14/09/2014	Undulating Hills	FLAT (0-5)	North	Moist	Mixed	None	50	100	Weak	GREY , TAN		20	80		MOIST
S02642	362204	5319879	4262438	14/09/2014	Wetland	FLAT (0-5)		Seepage	Mixed	None	40	100	Weak	GREY , TAN		50	50		WET
S02639	362725	5320819	4262440	14/09/2014	Lowland Plain	FLAT (0-5)	South	Moist	Mixed	None	40	95	Weak	MED GREY		70	30		WET
S02882	362968	5321338	4262440	14/09/2014	Plateau	FLAT (0-5)		Moist	Evergreen	None	50	90	Moderate	BROWN			90	10	MOIST
S02883	362532	5320122	4262440	14/09/2014	Wetland	GTL (5-15)	North	Moist	Mixed	None	40	80	Weak to Moderate	GREY , BROWN		20	70	10	MOIST
S02638	363143	5321826	4262441	14/09/2014	Undulating Hills	GTL (5-15)	North	Moist	Mixed	None	40	100	Moderate	TAN , ORANGE		50	50		MOIST
S02643	363171	5322978	4262441	14/09/2014	Undulating Hills	GTL (5-15)	North	Moist	Mixed	None	30	95	Moderate	TAN , BROWN		75	25		MOIST
S02645	362796	5322336	4262441	14/09/2014	Undulating Hills	GTL (5-15)	West	Moist	Mixed	None	40	80	Weak to Moderate	BROWN		40	60		WET
S02646	363335	5322072	4262441	14/09/2014	Undulating Hills	FLAT (0-5)		Moist	Mixed	None	40	100	Moderate	ORANGE , TAN		95	5		WET
S02881	363725	5322180	4262441	14/09/2014	Wetland	FLAT (0-5)		Wet	Mixed	None	50	90	None	GREY		30	70		WET
S02884	362514	5322631	4262441	14/09/2014	Undulating Hills	FLAT (0-5)		Wet	Mixed	None	50	100	Weak	GREY , BROWN		30	70		WET
S02885	363104	5322519	4262441	14/09/2014	Undulating Hills	FLAT (0-5)	East	Moist	Evergreen	None	60	100	Weak	BROWN		20	80		MOIST
S02636	364734	5323094	4262443	14/09/2014	Undulating Hills	FLAT (0-5)		Moist	Mixed	None	40	120	Weak	GREY		90	10		MOIST
S02637	363936	5322716	4262443	14/09/2014	Lowland Plain	FLAT (0-5)		Seepage	Evergreen	None	50	120	None	MED GREY		40	60		WET
S02879	365253	5323059	4262443	14/09/2014	Wetland	GTL (5-15)	West	Seepage	Mixed	None	40	80	None	GREY		20	80		SATURATED
S02880	364125	5323081	4262443	14/09/2014	Undulating Hills	FLAT (0-5)		Moist	Deciduous	None	50	100	Weak	BROWN		10	90		MOIST
S02886	364192	5323541	4262443	14/09/2014	Undulating Hills	FLAT (0-5)		Wet	Mixed	None	40	120	Weak	GREY , BROWN		30	70		WET
S02633	366601	5323786	4262444	14/09/2014	Undulating Hills	FLAT (0-5)	NE	Moist	Mixed	None	50	120	Moderate	TAN , BROWN		70	30		MOIST
S02634	365694	5323245	4262444	14/09/2014	Undulating Hills	FLAT (0-5)		Moist	Mixed	Agriculture	60	100	Weak	GREY		80	20		Moist

Appendix 4 b - List of Till Sample Locations

Sample No	UTME	UTMN	Claim	Date Time	Physiography	Slope	Direction	Drainage	Vegetation	Contamination	Depth From (cm)	Depth to (cm)	Oxidation	Colour	Matrix organic	Matrix Texture Clay	Matrix Texture Sand	Matrix Texture Gravel	Moisture
S02635	365581	5324382	4262444	14/09/2014	Wetland	FLAT (0-5)		Wet	Deciduous	None	45	90	None	GREY , TAN		90	20		WET
S02877	366223	5323485	4262444	14/09/2014	Undulating Hills	FLAT (0-5)		Moist	Evergreen	None	60	110	Weak	BROWN		10	90		MOIST
S02878	365604	5323704	4262444	14/09/2014	Undulating Hills	GTL (5-15)	West	Moist	None	Forestry	50	90	Weak	BROWN , GREY		10	90		MOIST
S02965	368523	5324559	4262445	22/09/2014	Undulating Hills	GTL (5-15)	South	Wet	Mixed	None	60	100	Weak	BROWN , GREY		100			MOIST/WET
S03322	368552	5324216	4262445	22/09/2014	Undulating Hills	GTL (5-15)	North	Moist	Mixed	None	50	90	Moderate	GREY , TAN		40	60		DRY
S03323	368594	5325145	4262445	22/09/2014	Undulating Hills	GTL (5-15)	East	Moist	Mixed	None	45	100	Moderate	GREY , TAN		70	30		DRY
S03324	368100	5324289	4262445	22/09/2014	Undulating Hills	MOD (15-25)	East	Moist	Mixed	None	40		Weak	GREY		60	40		MOIST
S02721	365603	5313835	4262446	30/09/2014	Undulating Hills	MOD (15-25)	West	Moist	Mixed	None	50	120	Weak	Tan , Grey		70	30		Moist
S03411	365329	5313235	4262446	30/09/2014	Mature Mts	MOD (15-25)	South	Wet	Mixed	None	40	80	Weak	Grey			80	20	Moist
S03412	366067	5314233	4262446	30/09/2014	Wetland	FLAT (0-5)		Wet	Mixed	None	60	120	Weak	Tan , Grey			100		Moist
S06415	359737	5315364	4263001	05/10/2014	Wetland	FLAT (0-5)	North	Seepage	Evergreen	Forestry	50	70	None	GREY , BROWN		50	50		Saturated
S03459	361423	5314684	4263003	06/10/2014	Wetland	FLAT (0-5)		Seepage	Mixed	Forestry	60	110	None	GREY		70	30		Saturated
S03460	361949	5315265	4263003	06/10/2014	Wetland	FLAT (0-5)		Wet	Mixed	Forestry	40	110	None	GREY		70	30		Wet
S06423	361429	5315111	4263003	06/10/2014	Plateau	FLAT (0-5)	South	Dry	Mixed	None	70	90	None	GREY		10	90		Moist
S02733	363134	5316113	4263004	06/10/2014	Wetland	FLAT (0-5)		Seepage	Evergreen	None	80	120	None	BLACK	100	4			Saturated
S02734	362627	5315728	4263004	06/10/2014	Wetland	FLAT (0-5)		Seepage	Evergreen	None	100	120	None	BLACK	100				Saturated
S02650	364936	5314257	4263007	15/09/2014	Undulating Hills	FLAT (0-5)	South	Moist	Mixed	None	40	100	Moderate	BROWN , TAN		50	50		WET
S02651	364418	5313183	4263007	15/09/2014	Undulating Hills	FLAT (0-5)		Seepage	Mixed	None	40	90	None	GREY		80	20		WET
S02891	364787	5313489	4263007	15/09/2014	Wetland	FLAT (0-5)		Seepage	Mixed	None	40	90	Weak	GREY , BROWN		10	90		SATURATED
S02892	364076	5312795	4263007	15/09/2014	Wetland	FLAT (0-5)		Moist	Mixed	None	50	100	None to weak	GREY , BROWN		70	30		MOIST
S02971	364739	5312789	4263007	23/09/2014	Undulating Hills	GTL (5-15)	East	Moist	Mixed	None	40	80	Weak to Moderate	BROWN		30	70		WET
S02972	364238	5314031	4263007	23/09/2014	Undulating Hills	GTL (5-15)	South	Wet	Mixed	Forestry	50	80	None to weak	GREY		40	60		SATURATED
S02699	364468	5314510	4263008	23/09/2014	Wetland	FLAT (0-5)		Seepage	Mixed	None	40	110	Weak	LIGHT GREY TAN	100				SATURATED
S02700	363783	5314496	4263008	23/09/2014	Lowland Plain	GTL (5-15)	NE	Moist	Mixed	None	30	90	Strong to Very Strong	ORANGE , BROWN			95	5	MOIST
S02890	364981	5314710	4263008	15/09/2014	Undulating Hills	FLAT (0-5)		Moist	Mixed	None	50	100	Weak	BROWN		20	80		MOIST
S03354	365117	5315456	4263008	30/09/2014	Undulating Hills	GTL (5-15)	East	Dry	Mixed	None	50	90	Moderate	Tan , Grey			100		Dry
S02649	365105	5316942	4263009	15/09/2014	Wetland	FLAT (0-5)	North	Seepage	Mixed	None	40	100	Weak	MED GREY		20	80		SATURATED
S03355	365096	5316268	4263009	30/09/2014	Undulating Hills	FLAT (0-5)		Seepage	Mixed	None	30	120	Weak	Grey					Wet
S03067	354815	5312844	4267587	21/09/2014	Plateau	GTL (5-15)	West	Dry	Evergreen	Domestic	75	100	None	GREY			100		DRY
S03068	354855	5313446	4267587	21/09/2014	Plateau	FLAT (0-5)	East	Dry	Mixed	Forestry	75	100	None	GREY , BROWN			100		DRY
S03315	354494	5313152	4267587	21/09/2014	Undulating Hills	GTL (5-15)	East	Dry	Deciduous	Forestry	30	55	Moderate	DARK GREY LIGHT BROWN		80	20		MOIST
S03316	353995	5313105	4267587	21/09/2014	Lowland Plain	FLAT (0-5)		Seepage	Deciduous	Forestry	40	80	Strong	TAN , LIGHT BROWN		60	40		SATURATED
S03064	356167	5313023	4267588	21/09/2014	Lowland Plain	GTL (5-15)	South	Dry	Mixed	Forestry	90	100	None	GREY , BROWN		25	75		DRY
S03065	356313	5313491	4267588	21/09/2014	Lowland Plain	GTL (5-15)	North	Dry	Evergreen	Forestry	80	120	None	GREY			100		MOIST
S03313	355663	5313171	4267588	21/09/2014	Undulating Hills	MOD (15-25)	East	Dry	Evergreen	Forestry	40	120	None	LIGHT GREY		10	90		DRY
S03347	356645	5312730	4267588	26/09/2014	Wetland	FLAT (0-5)		Seepage	Evergreen	Agriculture & Forestry	105	120	Moderate	Tan		60	40		Wet
S02774	352527	5314621	4267589	05/09/2014	Undulating Hills	GTL (5-15)	North	Moist	Mixed	None	30	60	Strong to Very Strong	BROWN , ORANGE		40	60		MOIST
S02775	353364	5315225	4267589	05/09/2014	Undulating Hills	FLAT (0-5)		Moist	Deciduous	Forestry	40	90	Weak	GREY		30	70		WET
S03457	352962	5314570	4267589	05/10/2014	Plateau	GTL (5-15)	South	Wet	Mixed	Forestry	40	90	None	GREY , BROWN		80	20		Wet
S03458	353754	5314987	4267589	05/10/2014	Plateau	GTL (5-15)		Moist	Mixed	Forestry	40	90	None	GREY , BROWN		20	80		Moist
S02534	365793	5319543	4270106	05/09/2014	Undulating Hills	FLAT (0-5)		Moist	Mixed	None	50	100	Moderate	GREY , TAN		70	30		MOIST
S03074	366768	5319598	4270106	22/09/2014	Plateau	FLAT (0-5)	South	Dry	Deciduous	None	80	120	None	GREY		50	50		DRY
S05936	366284	5319427	4270106	14/09/2014	Lowland Plain	FLAT (0-5)	North	Dry	Mixed	None	65	110	None	GREY			100		MOIST
S06466	368539	5320542	4270107	19/09/2014	Plateau	GTL (5-15)	South	Dry	Evergreen	None	40	65	Moderate	GREY			100		DRY
S02603	357535	5313485	4270108	12/09/2014	Undulating Hills	GTL (5-15)	North	Moist	Mixed	Forestry	40	105	Weak	TAN		15	85		MOIST
S03348	357083	5312951	4270108	26/09/2014	Wetland	FLAT (0-5)		Seepage	Deciduous	Agriculture & Forestry	40	80	Moderate	Grey		40	60		Wet
S03349	357759	5313025	4270108	26/09/2014	Other	GTL (5-15)	East	Dry	Deciduous	Agriculture & Forestry	40	120	Weak	Grey		90	10		Dry
S03069	355338	5314010	4270109	21/09/2014	Plateau	GTL (5-15)	West	Dry	Mixed	Forestry	70	120	None	GREY		100			MOIST
S03071	354864	5313809	4270109	21/09/2014	Lowland Plain	GTL (5-15)	North	Moist	Mixed	Forestry	75	120	None	GREY		100			SATURATED
S03317	354478	5313695	4270109	21/09/2014	Lowland Plain	GTL (5-15)	East	Wet	Mixed	Forestry	40	120	Moderate	LIGHT GREY , BROWN		60	40	3	WET
S02604	357775	5314014	4270110	12/09/2014	Lowland Plain	FLAT (0-5)		Moist	Mixed	Forestry	40	110	Weak	GREY , TAN		50	50		MOIST
S02605	357814	5314721	4270110	12/09/2014	Lowland Plain	FLAT (0-5)		Moist	Mixed	Forestry	50	100	Weak	TAN		80	20		MOIST
S02609	357558	5314544	4270110	12/09/2014	Wetland	FLAT (0-5)		Wet	Mixed	Forestry	30	70	Weak to Moderate	TAN , ORANGE		80	20		MOIST/SATURATED
S02612	357359	5315130	4270110	12/09/2014	Lowland Plain	FLAT (0-5)		Moist	Mixed	Forestry	40	100	Strong	TAN , ORANGE		90	10		MOIST
S06499	357477	5313915	4270110	29/09/2014	Undulating Hills	GTL (5-15)	West	Wet	Mixed	Forestry	40	90	Weak	Grey			100		Moist
S02951	356186	5315156	4270111	21/09/2014	Wetland	FLAT (0-5)		Seepage	Mixed	Forestry	50	90	None	GREY		40	60		SATURATED
S03070	355595	5314422	4270111	21/09/2014	Plateau	GTL (5-15)	East	Dry	Evergreen	Forestry	50	100	None	GREY		30	70		DRY
S03075	366391	5319921	4270112	22/09/2014	Plateau	FLAT (0-5)	South	Dry	Mixed	None	60	120	None	Grey		50	50		MOIST
S03076	365999	5320107	4270112	22/09/2014	Lowland Plain	FLAT (0-5)	South	Moist	Deciduous	None	80	120	None	Grey		50	50		SATURATED

Appendix 4 b - List of Till Sample Locations

Sample No	UTME	UTMN	Claim	Date Time	Physiography	Slope	Direction	Drainage	Vegetation	Contamination	Depth From (cm)	Depth to (cm)	Oxidation	Colour	Matrix organic	Matrix Texture Clay	Matrix Texture Sand	Matrix Texture Gravel	Moisture
503077	365718	5320326	4270112	22/09/2014	Lowland Plain	GTL (5-15)	West	Dry	Evergreen	None	75	120	None	Grey		50	50		MOIST
503078	366071	5320592	4270112	22/09/2014	Lowland Plain	FLAT (0-5)	West	Dry	Mixed	Forestry	80	120	None	Grey-Brown		25	75		DRY
503079	365908	5321075	4270112	22/09/2014	Lowland Plain	FLAT (0-5)	South	Dry	Mixed	None	80	120	None	Grey			100		DRY
503102	366309	5320343	4270112	22/09/2014	Lowland Plain	FLAT (0-5)	South	Dry	Mixed	Domestic	60	100	None	Grey			100		DRY
503147	366500	5321101	4270112	01/10/2014	Lowland Plain	FLAT (0-5)	South	Dry	Mixed	Forestry	60	110	None	GREY		50	50		Moist
503359	366959	5321268	4270112	01/10/2014	Wetland	FLAT (0-5)		Seepage	Mixed	None	80	120	Weak	GREY		90	10		Saturated
502784	364727	5319465	4270113	05/09/2014	Lowland Plain	FLAT (0-5)		Moist	Mixed	None	30	80	Moderate	GREY		60	40		MOIST
502887	365142	5319323	4270113	15/09/2014	Undulating Hills	FLAT (0-5)		Wet	Mixed	None	60	120	Weak	GREY		20	80		WET
503146	364086	5319755	4270113	01/10/2014	Lowland Plain	GTL (5-15)	South	Dry	Evergreen	None	80	110	None	BROWN , GREY		30	70		Moist
503358	365178	5319825	4270113	01/10/2014	Undulating Hills	GTL (5-15)	East	Dry	Mixed	None	60	110	Moderate	TAN		20	80		Dry
502532	363166	5319232	4270114	05/09/2014	Lowland Plain	FLAT (0-5)		Moist	Mixed	None	60	120	None	LIGHT GREY		90	10		MOIST
502782	362527	5319076	4270114	05/09/2014	Lowland Plain	FLAT (0-5)		Moist	Mixed	None	40	80	Weak	GREY		40	60		WET
502783	363749	5319359	4270114	05/09/2014	Lowland Plain	FLAT (0-5)		Seepage	Mixed	None	50	100	Weak	GREY		40	60		SATURATED
503104	363354	5319546	4270114	23/09/2014	Plateau	FLAT (0-5)	North	Dry	evergreen	None	75	120	None	GB			100		DRY
502531	361774	5318784	4270115	05/09/2014	Undulating Hills	FLAT (0-5)		Moist	Mixed	None	40	70	Moderate	BROWN , TAN		80	20		MOIST
502641	361937	5319146	4270115	14/09/2014	Undulating Hills	FLAT (0-5)		Moist	Mixed	None	40	100	Moderate	BROWN , TAN	33	33	33		MOIST
502781	361195	5318380	4270115	05/09/2014	Lowland Plain	GTL (5-15)	West	Wet	Mixed	None	40	80	Strong	BROWN		40	60		WET
503325	360785	5318380	4270115	22/09/2014	Wetland	GTL (5-15)	East	Wet	Mixed	None	80	120	None	GREY , TAN		80	120		WET
502606	357966	5315615	4273550	12/09/2014	Undulating Hills	GTL (5-15)	South	Moist	Mixed	Forestry	50	120	Weak	TAN			100		MOIST
502607	357940	5316104	4273550	12/09/2014	Undulating Hills	GTL (5-15)	South	Moist	Mixed	Forestry	50	110	Weak	LIGHT TAN		100			MOIST
502608	357999	5316519	4273550	12/09/2014	Undulating Hills	GTL (5-15)	North	Moist	Mixed	Forestry	40	95	Moderate	TAN , ORANGE		95	5		MOIST
502610	358094	5315245	4273550	12/09/2014	Wetland	FLAT (0-5)		Wet	Mixed	Forestry	40	80	Weak	GREY		50	50		MOIST
502611	357677	5315293	4273550	12/09/2014	Undulating Hills	GTL (5-15)	South	Seepage	Mixed	Forestry	30	90	Weak	GREY		10	90		MOIST
502614	357522	5316725	4273550	12/09/2014	Undulating Hills	MOD (15-25)	SW	Moist	Mixed	Forestry	40	100	Moderate	TAN , BROWN		80	20		WET
505909	357013	5316465	4273550	12/09/2014	Lowland Plain	FLAT (0-5)	East	Moist	Evergreen	None	85	105	None	GREY		100			WET
502778	355941	5316741	4273551	05/09/2014	Lowland Plain	FLAT (0-5)		Moist	Mixed	Mining	50	120	Moderate	GREY		10	80	10	MOIST
502953	356645	5316052	4273551	21/09/2014	Undulating Hills	FLAT (0-5)		Moist	Mixed	Forestry	70	110	Weak to Moderate	BROWN		10	90		MOIST
503311	357008	5315328	4273551	21/09/2014	Undulating Hills	FLAT (0-5)		Dry	Mixed	None	40	90		LIGHT GREY		70	30		DRY
503312	357005	5315800	4273551	21/09/2014	Lowland Plain	MOD (15-25)	North		None	None	50	120	Weak	GREY		20	80		WET
505911	356410	5315570	4273551	12/09/2014	Undulating Hills	GTL (5-15)	West	Dry	Evergreen	None	70	105	Weak	BROWN , GREY		100			DRY
502858	358629	5314596	4273552	12/09/2014	Undulating Hills	FLAT (0-5)		Moist	Mixed	Forestry	60	110	Weak to Moderate	BROWN			100		MOIST
502859	358633	5314964	4273552	12/09/2014	Undulating Hills	FLAT (0-5)		Moist	Mixed	Forestry	60	120	None	GREY			100		MOIST
502860	358874	5315395	4273552	12/09/2014	Undulating Hills	FLAT (0-5)		Moist	Mixed	Forestry	60	120	Weak	GREY			100		MOIST
502861	358874	5316211	4273552	12/09/2014	Wetland	FLAT (0-5)		Wet	Other	Forestry	40	80	None	GREY		30	70		WET
503058	358815	5317243	4273552	20/09/2014	Undulating Hills	MOD (15-25)	North	Dry	Mixed	None	70	100	None	GREY		50	50		DRY
503451	368092	5325410	4273553	04/10/2014	Plateau	GTL (5-15)	South	Moist	Mixed	Forestry	90	110	None	GREY		50	50		Moist
502966	369007	5326124	4273554	22/09/2014	Undulating Hills	MOD (15-25)	North	Wet	Mixed	None	40	70	Weak	GREY , BROWN		40	60		SATURATED
502967	368731	5325585	4273554	22/09/2014	Undulating Hills	FLAT (0-5)		Moist	Mixed	None	50	80	None	GREY			100		MOIST
503453	369021	5326692	4273554	04/10/2014	Plateau	GTL (5-15)	West	Dry	Mixed	None	50	120	None	GREY		50	50		Dry to Moist
503454	369788	5325743	4273554	04/10/2014	Lowland Plain	GTL (5-15)		Wet	Mixed	Forestry	80	100	None	GREY		70	30		Wet
503455	369518	5325392	4273554	04/10/2014	Plateau	FLAT (0-5)	North	Dry to Moist	Evergreen	None	50	100	Weak	GREY		100			Moist
503462	369788	5325743	4273554	06/10/2014	Plateau	GTL (5-15)	West	Moist	Mixed	Forestry	40	80	None	GREY		90	10		Wet
502964	369020	5323935	4273555	22/09/2014	Wetland	FLAT (0-5)		Seepage	Mixed	None	60	120	None	TAN		50	50		SATURATED
502963	368797	5323071	4273556	22/09/2014	Undulating Hills	FLAT (0-5)		Moist	Evergreen	None	60	120	Moderate	BROWN , TAN			100		MOIST
503148	368713	5322557	4273556	01/10/2014	Plateau	GTL (5-15)	East	Dry	Mixed	Forestry	70	120	None	GREY , BROWN		30	70		Dry
503320	368766	5322090	4273556	22/09/2014	Undulating Hills	GTL (5-15)	East	Dry	Mixed	None	50	120	Strong	TAN			100		DRY
503321	368886	5323629	4273556	22/09/2014	Wetland	GTL (5-15)	East	Wet	Mixed	None	40	120	Weak	GREY		100			WET
503383	369555	5323547	4273556	06/10/2014	Undulating Hills	GTL (5-15)	West	Moist	Evergreen	None	40	90	None	GREY		40	60		Moist
503384	370252	5323522	4273556	06/10/2014	Undulating Hills	MOD (15-25)	North	Moist	Mixed	None	50	100	Moderate	TAN			100		Moist
503386	369482	5322688	4273556	06/10/2014	Undulating Hills	GTL (5-15)	West	Moist	Mixed	None	70	110	Moderate	GREY , TAN		20	80		Moist
502962	368840	5321581	4273557	22/09/2014	Undulating Hills	FLAT (0-5)		Wet	Mixed	None	50	120	Weak	BROWN , TAN			100		MOIST
503109	370037	5320847	4273557	23/09/2014	Plateau	GTL (5-15)	North	Dry	Evergreen	None	80	120	None	G		100			WET
503319	368885	5321145	4273557	22/09/2014	Undulating Hills	FLAT (0-5)	South	Moist	Mixed	None	80	120	Moderate	TAN		10	90		DRY
505938	369709	5320561	4273557	14/09/2014	Lowland Plain	FLAT (0-5)		Dry	Mixed	None	85	120	Weak	BROWN , GREY		100			DRY
505939	370081	5321011	4273557	14/09/2014	Plateau	FLAT (0-5)	North	Dry	Mixed	None	85	120	Moderate	BROWN , GREY			100		DRY
503107	368688	5320339	4273558	23/09/2014	Lowland Plain	GTL (5-15)	North	Moist	Evergreen	None	90	120	None	Grey		50	50		WET
503108	369363	5320407	4273558	23/09/2014	Lowland Plain	GTL (5-15)	North	Dry	Mixed	None	80	100	None	BLUE-GREY		50	50		DRY
506469	368919	5319981	4273558	18/09/2014	Plateau	FLAT (0-5)	East	Dry	Mixed	None	75	105	Weak	BROWN , GREY			100		DRY
503101	365881	5321595	4273559	22/09/2014	Wetland	FLAT (0-5)	South	Wet	Mixed	Forestry	75	120	None	Grey		100			SATURATED
503149	368029	5322143	4273560	01/10/2014	Plateau	MOD (15-25)	East	Dry	Evergreen	Forestry	80	120	None to weak	GREY , BROWN		40	60		Moist
503360	367372	5322118	4273560	01/10/2014	Wetland	FLAT (0-5)		Seepage	Mixed	None	80	120	None	BLUE-GREY			100		Saturated
506463	368042	5319525	4273561	15/09/2014	Plateau	FLAT (0-5)	South	Moist	Evergreen	None	60	75	Weak	GREY			100		DRY

Appendix 4 b - List of Till Sample Locations

Sample No	UTME	UTMN	Claim	Date Time	Physiography	Slope	Direction	Drainage	Vegetation	Contamination	Depth From (cm)	Depth to (cm)	Oxidation	Colour	Matrix organic	Matrix Texture Clay	Matrix Texture Sand	Matrix Texture Gravel	Moisture
S06467	368036	5320213	4273561	19/09/2014	Plateau	MOD (15-25)	West	Dry	Mixed	None	85	105	None	BROWN , GREY		100			DRY
S06468	368291	5320132	4273561	18/09/2014	Undulating Hills	GTL (5-15)	West	Dry	Mixed	None	65	120	Weak	BROWN , YELLOW		100			DRY
S03049	356251	5319464	4273565	19/09/2014	Lowland Plain	FLAT (0-5)	East	Wet	Evergreen	Forestry	70	110	Weak	GREY , BROWN		100			SATURATED
S03052	356842	5319311	4273565	20/09/2014	Lowland Plain	GTL (5-15)	North	Moist	Mixed	None	70	120	None	GREY		100			MOIST
S03054	357371	5319703	4273565	20/09/2014	Plateau	FLAT (0-5)	North	Dry	Evergreen	None	75	120	None	GREY			100		DRY
S03055	356034	5319693	4273565	20/09/2014	Lowland Plain	FLAT (0-5)	North	Dry	Mixed	None	40	100	None	GREY		75	25		SATURATED
S03083	356827	5319926	4273565	20/09/2014	Undulating Hills	GTL (5-15)	SW	Moist	Mixed	Forestry	50	110	Weak to Moderate	TAN , ORANGE		90	10		MOIST
S03084	356288	5319933	4273565	20/09/2014	Wetland	FLAT (0-5)		Wet	Mixed	None	40	110	Weak	LIGHT GREY TAN		100			MOIST
S03461	357279	5320834	4273566	06/10/2014	Plateau	GTL (5-15)	South	Moist	Evergreen	Forestry	50	80	None	GREY , BROWN		90	10		Wet
S03025	373757	5323856	4273567	17/09/2014	Plateau	FLAT (0-5)	South	Dry	Mixed	Forestry	75	100	Weak	BROWN , GREY		100			DRY
S03026	373668	5323392	4273567	17/09/2014	Plateau	FLAT (0-5)	South	Moist	Evergreen	None	60	120	None	GREY		100			WET
S03027	373229	5323438	4273567	17/09/2014	Undulating Hills	MOD (15-25)	South	Moist	Evergreen	Domestic	50	100	None	GREY , BROWN		100			MOIST
S03124	373239	5322874	4273567	26/09/2014	Lowland Plain		North	Moist	Evergreen	Forestry	70	120	None	Grey		50	50		Wet
S03128	373719	5322176	4273567	27/09/2014	Lowland Plain	MOD (15-25)	East	Moist	Mixed	Forestry	70	90	None	Grey , BROWN			100		Wet
S06488	374699	5323994	4273567	27/09/2014	Lowland Plain	FLAT (0-5)			Evergreen to None	None	40	120	None	Grey			100		Wet
S06489	374345	5323654	4273567	27/09/2014	Lowland Plain	FLAT (0-5)		Seepage	Evergreen	None	40	120	None	Grey		100			Moist
S06490	373956	5322707	4273567	27/09/2014	Undulating Hills	GTL (5-15)	East	Wet	Evergreen	None	100	120		Grey , TAN		100			Dry
S06491	374189	5323185	4273567	27/09/2014	Undulating Hills	STEEP (25-35)	West	Dry	Evergreen	None	45	80	Weak	Grey			100		Moist
S02921	350562	5316706	4273568	18/09/2014	Wetland	FLAT (0-5)		Wet	Mixed	None	50	100	Moderate	BROWN		10	80	10	SATURATED
S03402	380408	5330084	4273569	28/09/2014	Wetland	FLAT (0-5)		Moist	Mixed	None	60	120	Weak	Grey			100		Moist
S03168	371914	5324837	4273571	06/10/2014	Lowland Plain	MOD (15-25)	West	Dry	Evergreen	None	75	110	None	BROWN , GREY			100		Dry
S05946	372241	5323771	4273571	15/09/2014	Lowland Plain	FLAT (0-5)	South	Moist	Mixed	None	90	120	None	GREY		100			WET
S05947	372435	5324394	4273571	15/09/2014	Lowland Plain	FLAT (0-5)	East	Dry	Evergreen	None	85	120	None	GREY		100			DRY
S05948	372571	5325142	4273571	15/09/2014	Plateau	GTL (5-15)	East	Dry	Mixed	None	40	65	None	GREY	100				MOIST
S03405	369894	5319088	4273572	28/09/2014	Wetland	FLAT (0-5)		Wet	Mixed	None	70	120	Weak to Moderate	Grey , BROWN			100		Wet
S03406	369589	5318712	4273572	28/09/2014	Undulating Hills	GTL (5-15)	South	Moist	Mixed	None	50	120	None	Grey			100		Wet
S06496	369148	5318334	4273572	28/09/2014	Undulating Hills	FLAT (0-5)		Dry	Deciduous	None	70	120	Strong	Tan			100		Dry
S06497	368800	5317923	4273572	28/09/2014	Undulating Hills	VERY STEEP (>MOD (15-25)5)	North	Dry	Mixed	None	60	100	Weak	Grey		80	20		Dry
S03041	351599	5319232	4273573	18/09/2014	Lowland Plain	FLAT (0-5)	East	Moist	Evergreen	Forestry	50	100	None	GREY		100			DRY
S03131	370643	5319875	4273574	29/09/2014	Plateau	GTL (5-15)	North	Wet	Evergreen	None	70	110	None	Grey		80	20		Moist
S03132	370247	5319594	4273574	29/09/2014	Plateau	GTL (5-15)	South	Dry	Evergreen	None	75	110	None	Grey		100			Dry
S03403	371143	5320609	4273574	28/09/2014	Undulating Hills	GTL (5-15)	North	Moist	Mixed	None	50	100	Weak	Tan			100		Moist
S03404	370942	5320189	4273574	27/09/2014	Undulating Hills	GTL (5-15)	West	Moist	Mixed	None	50	100	Weak	Black TAN			100		Moist
S06494	371826	5321179	4273574	28/09/2014	Undulating Hills	GTL (5-15)	South	Moist	Mixed	None	90	120	Strong	Tan			100		Wet
S06495	371374	5321013	4273574	28/09/2014	Undulating Hills	VERY STEEP (>MOD (15-25)5)	South	Dry	Mixed	None	40	60	Strong	Tan		30	70		Moist
S03028	372841	5323278	4273575	17/09/2014	Plateau	MOD (15-25)	North	Moist	Evergreen	None	50	100	Weak	BROWN , GREY		100			MOIST
S03123	372560	5322970	4273575	26/09/2014	Plateau	GTL (5-15)	South	Dry	Evergreen	Forestry	75	120	None	Grey			100		Dry
S05945	371959	5322805	4273575	15/09/2014	Lowland Plain	GTL (5-15)	South	Dry	Mixed	None	85	120	None	GREY		100			DRY
S06462	372111	5323224	4273575	15/09/2014	Lowland Plain	FLAT (0-5)	South	Dry	Mixed	None	70	100	Weak	BROWN , YELLOW			100		DRY
S02712	372677	5321663	4273576	27/09/2014	Lowland Plain	FLAT (0-5)	South	Moist	Mixed	None	40	110	Moderate	Tan , BROWN		50	50		Moist
S02713	372317	5321365	4273576	27/09/2014	Lowland Plain	FLAT (0-5)	South	Moist	Mixed	None	50	120	Weak	Tan		70	30		Moist
S03127	373193	5321901	4273576	27/09/2014	Plateau	GTL (5-15)	South	Dry	Evergreen	None	65	100	None	Grey			100		Dry
S03452	368848	5327278	4273578	04/10/2014	Plateau	FLAT (0-5)	SE	Dry	Mixed	Forestry	60	80	None	GREY		20	80		Dry
S03167	371320	5324874	4273581	06/10/2014	Lowland Plain	MOD (15-25)	East	Dry	Evergreen	None	75	110	Moderate	BROWN , GREY		30	70		Dry
S03385	370513	5322788	4273582	06/10/2014	Undulating Hills	FLAT (0-5)		Dry	Mixed	None	30	120	None	GREY		100			Dry
S05942	371457	5322441	4273582	15/09/2014	Plateau	FLAT (0-5)	South	Dry	Mixed	None	75	120	Weak	BROWN , GREY		100			DRY
S05944	371748	5322221	4273582	15/09/2014	Lowland Plain	FLAT (0-5)	South	Dry	Mixed	None	85	120	None	GREY		100			MOIST
S05940	370524	5321343	4273583	15/09/2014	Lowland Plain	FLAT (0-5)	South	Moist	Mixed	None	65	120	None	GREY		100			WET
S05941	370899	5321946	4273583	15/09/2014	Undulating Hills	GTL (5-15)	South	Dry	Mixed	None	60	100	Moderate	BROWN , YELLOW			100		DRY
S05943	371277	5321913	4273583	15/09/2014	Lowland Plain	FLAT (0-5)	South	Dry	Deciduous	None	65	120	None	GREY		100			MOIST
S06470	370995	5321336	4273583	18/09/2014	Undulating Hills	GTL (5-15)	North	Dry	Mixed	None	50	85	Weak	TAN			100		DRY
S03165	373085	5326705	4273585	06/10/2014	Wetland	FLAT (0-5)	South	Wet	Evergreen	None	85	110	None	GREY		100			Saturated
S03166	372514	5326191	4273585	06/10/2014	Lowland Plain	GTL (5-15)	North	Moist	Evergreen	None	80	120	None	GREY		100			Wet
S05949	372795	5325710	4273585	15/09/2014	Lowland Plain	FLAT (0-5)	South	Moist	Mixed	None	65	105	None	GREY		100			DRY
S05950	373031	5326202	4273585	15/09/2014	Plateau	FLAT (0-5)	South	Dry	Mixed	None	65	105	None	GREY		100			DRY
S02632	373766	5330594	4273588	13/09/2014	Wetland	FLAT (0-5)		Seepage	Mixed	Forestry	50	110	Weak	TAN , GREY		65	35		SATURATED
S02727	373938	5329196	4273588	01/10/2014	Wetland	FLAT (0-5)		Seepage	Evergreen	None	50	100	None to weak	LIGHT TAN		100			Saturated
S02728	374139	5330063	4273588	01/10/2014	Undulating Hills	GTL (5-15)	SE	Moist	Mixed	Forestry	40	100	None to weak	TAN		100			Wet
S03418	374227	5329531	4273588	01/10/2014	Undulating Hills	FLAT (0-5)		Moist	Mixed	Forestry	40	100	None	GREY		20	80		Moist
S02730	374031	5328335	4273589	01/10/2014	Lowland Plain	FLAT (0-5)		Moist	Mixed	Forestry	40	100	None	LIGHT GREY TAN		90	10		Moist
S03420	373866	5328762	4273589	01/10/2014	Undulating Hills	FLAT (0-5)		Moist	Mixed	Forestry	40	100	None	GREY		10	90		Moist

Appendix 4 b - List of Till Sample Locations

Sample No	UTME	UTMN	Claim	Date Time	Physiography	Slope	Direction	Drainage	Vegetation	Contamination	Depth From (cm)	Depth to (cm)	Oxidation	Colour	Matrix organic	Matrix Texture Clay	Matrix Texture Sand	Matrix Texture Gravel	Moisture
S03421	374356	5327892	4273589	01/10/2014	Undulating Hills	FLAT (0-5)		Moist	Evergreen	Forestry	40	80	Weak	GREY		20	80		Moist
S06453	374729	5327574	4273589	13/09/2014	Plateau	FLAT (0-5)	South	Dry	Mixed	Forestry	60	100	Moderate	BROWN , YELLOW			100		DRY
S02729	373673	5327221	4273590	01/10/2014	Lowland Plain	FLAT (0-5)		Moist	Mixed	Forestry	50	100	Weak to Moderate	TAN , GREY		50	50		Moist
S03016	374590	5326971	4273591	17/09/2014	Undulating Hills	GTL (5-15)	North	Dry	Mixed	None	65	100	None	GREY		100			DRY
S03017	374718	5326568	4273591	17/09/2014	Undulating Hills	GTL (5-15)	North	Dry	Mixed	None	65	110	None	GREY		100			DRY
S03018	374349	5326093	4273591	17/09/2014	Undulating Hills	GTL (5-15)	South	Dry	Mixed	None	75	120	None	GREY		100			DRY
S03019	374326	5325469	4273591	17/09/2014	Plateau	FLAT (0-5)	North	Dry	Evergreen	None	85	120	None	GREY , BROWN			100		DRY
S03020	374886	5325474	4273591	17/09/2014	Undulating Hills	GTL (5-15)	West	Dry	Evergreen	None	50	110	None	GREY			100		DRY
S03120	374590	5326971	4273591	26/09/2014	Plateau	MOD (15-25)	North	Dry	Mixed	None	75	100	None	Black Grey		25	75		Dry
S03121	373635	5326910	4273591	26/09/2014	Plateau	GTL (5-15)	North	Dry	Mixed	Forestry	60	120	None	Grey		25	75		Dry
S06451	373520	5326525	4273591	15/09/2014	Lowland Plain	FLAT (0-5)	East	Dry	Mixed	Forestry	65	100	None	GREY		100			MOIST
S06452	374050	5326794	4273591	15/09/2014	Lowland Plain	GTL (5-15)	South	Moist	Mixed	None	85	120	None	BROWN , GREY		100			WET
S03021	374588	5324284	4273592	17/09/2014	Plateau	FLAT (0-5)	South	Dry	Deciduous	Forestry	80	120	Weak	BROWN , GREY			100		DRY
S03022	374418	5324706	4273592	17/09/2014	Undulating Hills	FLAT (0-5)	South	Dry	Mixed	Forestry	60	100	Weak	GREY		80	20		MOIST
S03023	374708	5325072	4273592	17/09/2014	Undulating Hills	MOD (15-25)	East	Dry	Evergreen	Forestry	50	120	Weak	BROWN , GREY			100		DRY
S03024	373878	5324347	4273592	17/09/2014	Undulating Hills	FLAT (0-5)	North	Dry	Mixed	Forestry	60	100	None	GREY , BROWN		100			DRY
S06464	373980	5324905	4273592	17/09/2014	Plateau	GTL (5-15)	East	Dry	Mixed	Forestry	65	120	Weak	TAN			100		DRY
S03119	375603	5328293	4273594	26/09/2014	Plateau	MOD (15-25)	West	Dry	Mixed	Domestic	60	120	None	Grey			100		Dry
S06461	375373	5327942	4273594	15/09/2014	Plateau	GTL (5-15)	South	Dry	Evergreen	None	65	105	Weak	BROWN , YELLOW			100		DRY
S02710	375800	5325249	4273595	27/09/2014	Lowland Plain	FLAT (0-5)		Moist	Mixed	Forestry	40	110	None to weak	GREY , TAN		80	20		Moist
S02711	375491	5324911	4273595	27/09/2014	Lowland Plain	FLAT (0-5)		Moist	Mixed	Forestry	50	120	Weak to Moderate	Yellow , Orange			100		Moist
S06486	376678	5325625	4273595	27/09/2014	Undulating Hills	GTL (5-15)	North	Dry	Mixed	None	60	120	Weak	DARK GREY		30	70		Moist
S06487	376212	5325518	4273595	27/09/2014	Undulating Hills	GTL (5-15)	South	Dry	Mixed	None	50	90		Grey		50	50		Moist
S02688	350309	5321311	4273596	18/09/2014	Lowland Plain	GTL (5-15)	North	Seepage	Other	Forestry	30	100	None to weak	GREY , TAN		95	5		SATURATED
S02695	350755	5321360	4273596	18/09/2014	Undulating Hills	FLAT (0-5)	North	Moist	Mixed	None	50	95	Strong	RED , BROWN		5	95		MOIST
S03456	351839	5314139	4273597	05/10/2014	Wetland	FLAT (0-5)		Seepage	Evergreen	Forestry	70	90	None	GREY , BLACK		70	30		Saturated
S06425	357808	5320755	4274401	06/10/2014	Lowland Plain	FLAT (0-5)	North	Dry	Mixed	None	50	70	None	GREY		20	80		Moist
S06426	358615	5321180	4274401	06/10/2014	Lowland Plain	FLAT (0-5)	North	Dry	Mixed	None	80	120	None	GREY		100			Dry
S02735	356039	5321031	4274402	06/10/2014	Plateau	FLAT (0-5)		Moist	Evergreen	Forestry	70	100	None	GREY , BROWN		80	20		Wet
S02736	356626	5320858	4274402	06/10/2014	Plateau	GTL (5-15)	North	Moist	Evergreen	Forestry	50	120	Weak	GREY		20	80		Moist
S02737	356054	5320543	4274402	06/10/2014	Lowland Plain	FLAT (0-5)		Wet	Evergreen	Forestry	60	120	None	GREY		30	70		Saturated
S02929	355423	5321361	4274402	18/09/2014	Undulating Hills	FLAT (0-5)		Moist	Evergreen	None	50	120	Weak	TAN			100		MOIST
S02693	354329	5321629	4274403	18/09/2014	Undulating Hills	GTL (5-15)	South	Moist	Mixed	None	50	120	Weak	LIGHT GREY TAN			100		MOIST
S02930	354928	5321476	4274403	18/09/2014	Undulating Hills	FLAT (0-5)		Wet	Mixed	None	50	100	Moderate	BROWN , TAN			100		MOIST
S03029	353828	5321623	4274403	18/09/2014	Undulating Hills	MOD (15-25)	West	Moist	Evergreen	None	80	120	None	GREY		100			MOIST
S02940	355015	5318507	4274406	19/09/2014	Undulating Hills	GTL (5-15)	West	Moist	Mixed	Forestry	50	100	Moderate	BROWN		30	70		MOIST
S02941	354493	5318644	4274406	19/09/2014	Lowland Plain	FLAT (0-5)		Moist	Mixed	Forestry	40	80	Strong	BROWN		10	70	20	WET
S02943	354346	5318985	4274406	19/09/2014	Wetland	FLAT (0-5)		Moist	Evergreen	Forestry	60	100	Moderate	BROWN		10	90		SATURATED
S03050	354181	5319484	4274406	19/09/2014	Lowland Plain	FLAT (0-5)	North	Wet	Evergreen	Forestry	85	120	None	GREY		100			WET
S03051	354249	5319860	4274406	19/09/2014	Lowland Plain	FLAT (0-5)	North	Dry	Evergreen	Forestry	90	120	None	BROWN , GREY			100		DRY
S02692	352408	5318096	4274407	18/09/2014	Undulating Hills	MOD (15-25)	South	Moist	Mixed	None	50	120	Weak	LIGHT GREY TAN			100		Moist
S03037	352346	5318238	4274407	18/09/2014	Undulating Hills	GTL (5-15)	East	Dry	Evergreen	Forestry	80	120	None	GREY			100		DRY
S05957	353040	5316947	4274407	06/09/2014	Wetland	FLAT (0-5)		Moist	Mixed	Forestry	80	100	Moderate	GREY			100		MOIST
S03033	353185	5319970	4274408	18/09/2014	Undulating Hills	MOD (15-25)	East	Dry	Mixed	None	80	120	None	YELLOW , GREY		100			DRY
S03034	352962	5319479	4274408	18/09/2014	Plateau	GTL (5-15)	West	Dry	Mixed	None	60	120	None	GREY , BROWN			100		DRY
S03035	352634	5319100	4274408	18/09/2014	Undulating Hills	GTL (5-15)	North	Dry	Mixed	Domestic	75	120	None	GREY , BROWN			100		DRY
S03170	353145	5318981	4274408	07/10/2014	Plateau	MOD (15-25)	East	Dry	Mixed	None	75	120	Moderate	Grey-Brown			100		Dry
S03388	353450	5319334	4274408	07/10/2014	Undulating Hills	GTL (5-15)	West	Dry	Mixed	None	80	120	None	GREY		100			Dry
S03030	353176	5321721	4274409	18/09/2014	Undulating Hills	FLAT (0-5)	North	Moist	Mixed	None	85	100	Moderate	BROWN , GREY		100			DRY
S03031	353619	5321141	4274409	18/09/2014	Plateau	GTL (5-15)	West	Dry	Evergreen	None	60	120	Weak	YELLOW , BROWN			100		DRY
S03032	353542	5320573	4274409	18/09/2014	Plateau	FLAT (0-5)	East	Dry	Evergreen	None	40	70	None	GREY , BROWN		100			DRY
S03036	352282	5318660	4274411	18/09/2014	Plateau	GTL (5-15)	North	Dry	Mixed	None	75	120	None	GREY			100		DRY
S03040	352072	5319198	4274411	18/09/2014	Undulating Hills	GTL (5-15)	North	Moist	Evergreen	None	90	120	None	BROWN , GREY			100		MOIST
S03038	351963	5318022	4274412	18/09/2014	Undulating Hills	STEEP (25-35)	West	Dry	Mixed	None	80	120	None	GREY , BROWN			100		DRY
S02694	351166	5320961	4274413	18/09/2014	Undulating Hills	FLAT (0-5)		Moist	Mixed	None	50	120	Weak	GREY , TAN			100		MOIST
S02931	351269	5320498	4274413	18/09/2014	Wetland	FLAT (0-5)		Moist	Evergreen	None	60	120	Weak	DARK GREY BROWN			100		MOIST
S03042	351631	5319921	4274414	18/09/2014	Undulating Hills	GTL (5-15)	East	Moist	Evergreen	Forestry	40	90	None	GREY , BROWN			100		DRY
S02689	349646	5321045	4274415	13/09/2014	Undulating Hills	FLAT (0-5)	West	Moist	Mixed	None	35	100	Moderate	GREY		10	90		MOIST
S02927	349927	5321350	4274415	18/09/2014	Plateau	FLAT (0-5)		Moist	Mixed	None	40	120	None	GREY		100			WET
S03352	350200	5321795	4274415	29/09/2014	Undulating Hills	GTL (5-15)	East	Dry	Mixed	None	40	80	Weak	Grey			100		Dry
S02714	378505	5327610	4274417	28/09/2014	Wetland	FLAT (0-5)	SW	Seepage	Mixed	None	50	120	None	LIGHT GREY		100			Moist
S03129	379254	5328523	4274417	29/09/2014	Lowland Plain	MOD (15-25)	East	Moist	Mixed	None	70	100	None	Grey		50	50		Wet

Appendix 4 b - List of Till Sample Locations

Sample No	UTME	UTMN	Claim	Date Time	Physiography	Slope	Direction	Drainage	Vegetation	Contamination	Depth From (cm)	Depth to (cm)	Oxidation	Colour	Matrix organic	Matrix Texture Clay	Matrix Texture Sand	Matrix Texture Gravel	Moisture
S03130	378921	5328019	4274417	29/09/2014	Lowland Plain	MOD (15-25)	North	Wet	Evergreen	None	75	120	None	Grey		100			Saturated
S06492	379986	5329419	4274417	28/09/2014	Undulating Hills	GTL (5-15)	North	Dry	Mixed	None	80	120	Moderate	Grey		30	70		Dry
S06493	379677	5329031	4274417	28/09/2014	Undulating Hills	GTL (5-15)	South	Dry	Mixed	None	50	120	Weak	Grey		80	20		Dry
S05933	377491	5327039	4274418	14/09/2014	Undulating Hills	FLAT (0-5)	South	Dry	Mixed	None	75	120	Weak	BROWN , GREY		100			DRY
S03125	377772	5325943	4274419	27/09/2014	Plateau	GTL (5-15)	North	Dry	Mixed	None	75	160	None	Grey			100		Dry
S03126	377256	5325931	4274419	27/09/2014	Lowland Plain	FLAT (0-5)	North	Dry	Evergreen	None	70	120	None	Grey		100			Moist
S05934	377322	5326407	4274419	14/09/2014	Undulating Hills	GTL (5-15)	South	Dry	Mixed	None	65	100	Moderate	BROWN , RED			100		DRY
S05927	380604	5332479	4274420	14/09/2014	Undulating Hills	GTL (5-15)	North	Dry	Mixed	None	65	120	Weak	BROWN , GREY		100			MOIST
S05928	381045	5332944	4274420	14/09/2014	Undulating Hills	FLAT (0-5)	South	Wet	Mixed	None	65	105	None	GREY		100			WET
S06459	380132	5332770	4274420	15/09/2014	Lowland Plain	FLAT (0-5)	East	Dry	Mixed	None	75	100	None	GREY		100			DRY
S06460	380430	5333220	4274420	15/09/2014	Lowland Plain	FLAT (0-5)	West	Dry	Mixed	None	75	120	None	GREY			100		WET
S02867	378262	5332661	4274421	13/09/2014	Undulating Hills	GTL (5-15)	East	Moist	Mixed	None	60	120	Weak	GREY		10	90		MOIST
S02623	377640	5331301	4274422	13/09/2014	Undulating Hills	FLAT (0-5)		Moist	Mixed	None	50	110	None	LIGHT GREY		100			MOIST
S02625	376900	5331754	4274422	13/09/2014	Lowland Plain	FLAT (0-5)		Seepage	Deciduous	None	50	120	None to weak	LIGHT GREY		100			MOIST
S02866	377654	5331704	4274422	13/09/2014	Undulating Hills	FLAT (0-5)		Wet	Mixed	None	50	90	Weak	GREY		20	80		MOIST
S02868	377271	5332161	4274422	13/09/2014	Undulating Hills	GTL (5-15)	West	Moist	Mixed	None	60	120	Moderate	BROWN			100		MOIST
S02869	376655	5331279	4274422	13/09/2014	Undulating Hills	GTL (5-15)	East	Moist	Mixed	None	50	110	Weak	BROWN		10	90		MOIST
S02626	376995	5330756	4274423	13/09/2014	Undulating Hills	FLAT (0-5)		Seepage	Mixed	None	50	120	None	LIGHT GREY TAN		100			SATURATED
S02871	376319	5330832	4274423	13/09/2014	Undulating Hills	FLAT (0-5)		Moist	Mixed	None	50	120	Weak	BROWN			100		MOIST
S02627	375900	5330795	4274424	13/09/2014	Undulating Hills	GTL (5-15)	North	Seepage	Mixed	None	40	110	Weak	DARK GREY DARK BROWN	33	33	33		WET
S02628	375655	5331038	4274424	13/09/2014	Undulating Hills	GTL (5-15)	East	Moist	Mixed	Forestry	40	100	Weak	BROWN		40	60		MOIST
S02629	375551	5331918	4274424	13/09/2014	Wetland	FLAT (0-5)		Wet	Evergreen	Forestry	40	90	None	GREY					WET
S02872	375466	5331468	4274424	13/09/2014	Undulating Hills	FLAT (0-5)		Moist	Mixed	Forestry	60	110	None	LIGHT GREY		100			WET
S02873	375287	5330835	4274424	13/09/2014	Undulating Hills	GTL (5-15)	South	Moist	Deciduous	None	60	100	Weak	BROWN		10	90		MOIST
S02725	379574	5331108	4274425	01/10/2014	Undulating Hills	FLAT (0-5)	North	Moist	Mixed	Forestry	40	90	Weak to Moderate	TAN , BROWN		75	25		Moist
S02726	380023	5330876	4274425	01/10/2014	Undulating Hills	FLAT (0-5)	South	Moist	Mixed	Forestry	40	100	Weak	TAN , GREY		50	50		Wet
S03417	379564	5330617	4274425	01/10/2014	Undulating Hills	GTL (5-15)	South	Moist	Deciduous	None	50	100	None	GREY		30	70		Moist
S06457	379082	5331216	4274425	15/09/2014	Plateau	FLAT (0-5)	East	Dry	Mixed	None	70	110	Weak	BROWN , YELLOW			100		DRY
S02630	374745	5331559	4274426	13/09/2014	Undulating Hills	FLAT (0-5)		Moist	Mixed	None	45	120	Weak	TAN		60	40		MOIST
S02874	374607	5331986	4274426	13/09/2014	Undulating Hills	GTL (5-15)	South	Moist	Deciduous	None	60	100	Weak	BROWN		20	80		MOIST
S02875	374105	5331576	4274426	13/09/2014	Undulating Hills	GTL (5-15)	North	Wet	Mixed	None	40	70	Weak	GREY		30	70		MOIST
S02876	373943	5331142	4274426	13/09/2014	Undulating Hills	GTL (5-15)	East	Wet	Mixed	None	40	80	None	GREY		20	80		WET
S03117	374898	5331193	4274426	26/09/2014	Lowland Plain	GTL (5-15)	East	Dry	Mixed	Forestry	75	120	None	Grey		25	75		Dry
S03419	374557	5330724	4274426	01/10/2014	Undulating Hills	GTL (5-15)	North	Moist	Mixed	None	40	100	None	GREY		20	80		Wet