

New Jersey Geological Survey
Hydrogeologic Nomenclature Reference Table
March 15, 2005

NJGS id	Aqfrsys	Hydronum	Hydroabb	Hydroname	Zonenum	Zoneabb	Zonename	Geonum	Geoabb	Geoname	USGS - CWSI	NJDEP - BWA
10								100 Cc	Cenozoic Era		100CNZC / 111HPPM	
20								102 Q	Quaternary System		110QRNR	
30								104 Qh	Holocene Series		111HLCLN	
40								106 Qp	Pleistocene		112PLSC	
50								1000 T	Tertiary System		120TRTR	
60								1002 Tpl	Pliocene Series		121PLCLN	
70								1004 Tpm	Pliocene-Miocene Series		121PCM	
80								1006 Tm	Miocene Series		122MOCN	
90								1008 To	Oligocene Series		123OLGC	
100								1010 To	Eocene Series		124ECCN	
110								1012 Tpa	Paleocene Series		125PLCN	
120								2000 M	Mesozoic Era		200MSZC	
130								2100 C	Cretaceous System		210CRCS	
140								3000 JTr	Jurassic & Triassic Systems			
150								3100 J	Jurassic System		230TRSC	
160								5000 Tr	Triassic System		300PLZC	
170								6000 Pal	Paleozoic Era		340DVNN	
180								6100 D	Devonian System			
190								7000 DS	Devonian and Silurian Systems			
200								7100 S	Silurian System		360SLRN	
210								8000 O	Ordovician System		360ODVC	
220								8500 OCu	Ordovician & Cambrian Systems, undivided			
230								8700 C	Cambrian System		370CMBR	
240	8999	nmr		igneous and metamorphic rocks				9000 Pc	PreCambrian		400PCMB	
250								9100 Pz	Proterozoic Eon			
260	8999	nmr		igneous and metamorphic rocks				9200 Zu	late Proterozoic rocks, undifferentiated			
270	8999	nmr		igneous and metamorphic rocks				9300 Yu	Middle Proterozoic rocks, undifferentiated			
280	45 oc			bedrock outcrop				50 sbo	Extensive bedrock outcrop (suficial sediment generally absent)			
290	45 oc			bedrock outcrop				60 sbo	Scattered bedrock outcrop			
300	30			non-glacial surficial material				30 *	Recent sediment		GRS	
310	30			non-glacial surficial material				35 sf	Artificial fill			
320	30			non-glacial surficial material				160 Os	Swamp and marsh deposits		111SWMP	
330	30			non-glacial surficial material				136 *	Non-glacial material			
340	30			non-glacial surficial material				170 Qal	Alluvium		111ALVM	
350	30			non-glacial surficial material				172 Qalb	Alluvium and boulder lag			
360	30			non-glacial surficial material				174 Qalpf	Floodplain deposits			
370	30			non-glacial surficial material				176 Qalc	Channel deposits			
380	30			non-glacial surficial material				180 Qac	Alluvium and colluvium			
390	30			non-glacial surficial material				190 Qnm	Estuarine deposits			
400	30			non-glacial surficial material				200 Qaf	Alluvial-fan deposits			
410	30			non-glacial surficial material				210 Qst	Stream-terrace deposits			
420	30			non-glacial surficial material				220 Qta	Talus			
430	30			non-glacial surficial material				221 Qtl	Lower-terrace deposits			
440	30			non-glacial surficial material				223 Qtu	Upper-terrace deposits			
450	30			non-glacial surficial material				225 Qrt	Raritan-terrace deposits			
460	30			non-glacial surficial material				227 Qrf	Fluvial deposits (pre-Illinoian)			
470	30			non-glacial surficial material				230 Qe	Eolian deposits			
471	30			non-glacial surficial material				235 Qes	Eolian deposits - sheet sand			
472	30			non-glacial surficial material				240 Qed	Eolian deposits - sand dunes			
480	30			non-glacial surficial material				800 Qc	Colluvium			
490	30			non-glacial surficial material				810 Qcg	Gneiss colluvium			
500	30			non-glacial surficial material				820 Qcb	Basalt colluvium			
510	30			non-glacial surficial material				830 Qcd	Diorite colluvium			
520	30			non-glacial surficial material				840 Qcs	Slate colluvium			
530	30			non-glacial surficial material				850 Qcc	Conglomerate colluvium			
540	30			non-glacial surficial material				860 Qcq	Quartzite colluvium			
550	30			non-glacial surficial material				870 Qcsg	Sand and gravel colluvium			
560	30			non-glacial surficial material				880 Qcal	Sand and silt colluvium			
570	30			non-glacial surficial material				885 Qcgb	Carbonate colluvium			
580	30			non-glacial surficial material				890 Qct	Till colluvium			
590	30			non-glacial surficial material				900 Qw	Weathered bedrock			
600	30			non-glacial surficial material				910 Qwg	Weathered gneiss			
610	30			non-glacial surficial material				920 Qwb	Weathered basalt			
620	30			non-glacial surficial material				930 Qwd	Weathered diabase			
630	30			non-glacial surficial material				940 Qws	Weathered slate			
640	30			non-glacial surficial material				950 Qwc	Weathered conglomerate			
650	30			non-glacial surficial material				960 Qwcb	Weathered carbonate			
660	30			non-glacial surficial material				962 Qwcp	Weathered coastal plain formation			
670	30			non-glacial surficial material				965 Qwq	Weathered quartzite			
680	30			non-glacial surficial material				980 Qwsc	Weathered schist			
690	40 gacu			glacial aquifers and confining units				40 *	Glacial aquifers and confining units		QGSU	
700	110 c or dt			continuous or discontinuous till				110 t	Till		112TILL	
710	110 c or dt			continuous or discontinuous till				300 Qi	Till (Quaternary)			
720	110 c or dt			continuous or discontinuous till				310 Qiw	Till (late Wisconsinan)			
730	110 c or dt			continuous or discontinuous till				312 Qih	Railway fill (late Wisconsinan)			
740	110 c or dt			continuous or discontinuous till				314 Qiwv	Netcong till (late Wisconsinan)			
750	110 c or dt			continuous or discontinuous till				316 Qikw	Kittatinny Mountain till (late Wisconsinan)			
760	110 c or dt			continuous or discontinuous till				318 Qiwcp	Till derived from quartzite and conglomerate (late Wisconsinan)			
770	110 c or dt			continuous or discontinuous till				320 Qiwv	Till derived from carbonate rock (late Wisconsinan)			
780	110 c or dt			continuous or discontinuous till				322 Qiwg	Till derived from gneiss (late Wisconsinan)			
790	110 c or dt			continuous or discontinuous till				324 Qiwss	Till derived from gray slate (late Wisconsinan)			
800	110 c or dt			continuous or discontinuous till				326 Qiwrs	Till derived from red shale (late Wisconsinan)			
810	110 c or dt			continuous or discontinuous till				328 Qiwrb	Till derived from basalt and diabase (late Wisconsinan)			
820	110 c or dt			continuous or discontinuous till				330 Qi	Till (Illinoian)			
830	110 c or dt			continuous or discontinuous till				352 Qilf	Flanders Till (Illinoian)			GOIT
840	110 c or dt			continuous or discontinuous till				354 Qilb	Bergen Till (Illinoian)			
850	110 c or dt			continuous or discontinuous till				370 Qi	Till (Jerseyan)			GOJT
860	110 c or dt			continuous or discontinuous till				112 c	Continuous till			GOCT
870	110 c or dt			continuous or discontinuous till				114 d	Discontinuous till			GOCT
880	110 c or dt			continuous or discontinuous till				305 Qit	Discontinuous till (generally less than 10 feet)			GOCT
890	110 c or dt			continuous or discontinuous till				130 it	Till (Illinoian age)			
900	110 c or dt			continuous or discontinuous till				132 j	Till (Jerseyan age)			
910	110 c or dt			continuous or discontinuous till				380 Qil	Tillstone lag			
920	129 sg			glacial sand and gravel				129 sg	Sand and gravel			
930	129 sg			glacial sand and gravel				70 *	Kames and kame terraces			
931	129 sg			glacial sand and gravel				71 Qk	Kames		112GKMK	
932	129 sg			glacial sand and gravel				72 Qkt	Kame terraces			
940	129 sg			glacial sand and gravel				77 *	Outwash deposits		112OTSH	
950	129 sg			glacial sand and gravel				116 d	Deltic sediment		112DLTC	
960	129 sg			glacial sand and gravel				121 id	Lacustrine-fan sediment (Illinoian age)			GGD
970	129 sg			glacial sand and gravel				122 i	Fluvial sediment			GOF
980	129 sg			glacial sand and gravel				124 if	Fluvial over lacustrine sediment			GOFL
990	129 sg			glacial sand and gravel				125 if	Fluvial sediment (Illinoian age)			GOIF
1000	129 sg			glacial sand and gravel				128 ic	Ice-contact sediment		112ICCN	
1010	129 sg			glacial sand and gravel				131 s	Sand and gravel (Jerseyan age)			GOIC
1020	129 sg			glacial sand and gravel				400 Qsd	Stratified drift		112SDFD	
1030	129 sg			glacial sand and gravel				410 Qsdw	Stratified drift (late Wisconsinan)			
1040	129 sg			glacial sand and gravel				450 Qsd	Stratified drift (Illinoian)			
1050	129 sg			glacial sand and gravel				500 Qsdj	Stratified drift (Jerseyan)			
1060	129 sg			glacial sand and gravel				408 Qsdd	Glaciolacustrine sand and gravel			
1070	129 sg			glacial sand and gravel				420 Qsddw	Glaciolacustrine sand and gravel (late Wisconsinan)			
1080	129 sg			glacial sand and gravel				460 Qsdd	Glaciolacustrine sand and gravel (Illinoian)			
1090	129 sg			glacial sand and gravel				520 Qsddj	Glaciolacustrine sand and gravel (Jerseyan)			
1100	129 sg			glacial sand and gravel				400 Qsdd	Glaciolacustrine deltaic deposits		112GLCD	
1110	129 sg			glacial sand and gravel				422 Qsddw	Deltic deposits (late Wisconsinan)			
1120	129 sg			glacial sand and gravel				462 Qsdd	Deltic deposits (Illinoian)			GOID
1130	129 sg			glacial sand and gravel				522 Qsdd	Deltic deposits (Jerseyan)			
1140	129 sg			glacial sand and gravel				407 Qsddf	Lacustrine-fan deposits			
1150	129 sg			glacial sand and gravel				424 Qsddwf	Lacustrine-fan deposits (late Wisconsinan)			
1160	129 sg			glacial sand and gravel				464 Qsddf	Lacustrine-fan deposits (Illinoian)			
1170	129 sg			glacial sand and gravel				434 Qsddj	Lacustrine-fan deposits (Jerseyan)			
1180	129 sg			glacial sand and gravel				409 Qsdf	Glaciofluvial sand and gravel			
1190	129 sg			glacial sand and gravel				440 Qsddf	Glaciofluvial sand and gravel (late Wisconsinan)			
1200	129 sg			glacial sand and gravel				480 Qsddf	Glaciofluvial sand and gravel (Illinoian)			
1210	129 sg			glacial sand and gravel				540 Qsdfj	Glaciofluvial sand and gravel (Jerseyan)			
1220	129 sg			glacial sand and gravel				404 Qsddf	Valley-outwash deposits			
1230	129 sg			glacial sand and gravel				440 Qsddf	Valley-outwash deposits (late Wisconsinan)			
1240	129 sg			glacial sand and gravel				482 Qsddf	Valley-outwash deposits (Illinoian)			
1250	129 sg			glacial sand and gravel				542 Qsddf	Valley-outwash deposits (Jerseyan)			
1260	129 sg			glacial sand and gravel				403 Qsddf	Meltwater-terrace deposits			
1270	129 sg			glacial sand and gravel				444 Qsddf	Meltwater-terrace deposits (late Wisconsinan)			
1280	129 sg			glacial sand and gravel				484 Qsddf	Meltwater-terrace deposits (Illinoian)			
1290	129 sg			glacial sand and gravel				544 Qsddf	Meltwater-terrace deposits (Jerseyan)			
1300	1201			lake-bottom sediment				120 i	Lake-bottom sediment			GQL
1310	1201			lake-bottom sediment				400 Qsd	Stratified drift		112SDFD	
1320	1201			lake-bottom sediment				410 Qsdw	Stratified drift (late Wisconsinan)			
1330	1201			lake-bottom sediment				450 Qsd	Stratified drift (Illinoian)			
1340	1201			lake-bottom sediment				500 Qsdj	Stratified drift (Jerseyan)			
1350	1201			lake-bottom sediment				402 Qsddb	Glaciolacustrine lake-bottom deposits			
1360	1201			lake-bottom sediment				430 Qsddb	Glaciolacustrine lake-bottom deposits (late Wisconsinan)			
1370	1201			lake-bottom sediment				470 Qsddb	Glaciolacustrine lake-bottom deposits (Illinoian)			
1380	1201			lake-bottom sediment				530 Qsddb	Glaciolacustrine lake-bottom deposits (Jerseyan)			
1390	116 m			moraine deposits				116 m	Moraine deposits		112MORN	
1400	116 m			moraine deposits				700 Qm	Moraine deposits			GGM
1410	116 m			moraine deposits								

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NJGS id	Aqfrays	Hydronum	Hydroabs	Hydroname	Zoneun	Zoneab	Zonename	Geoun	Geosb	Geoname	USGS - GWSI	NJDEP - BWA
2330		3025		fractured-rock aquifers of the Newark basin part of the Piedmont Province				2997 Jp		New Jersey Piedmont Province		
2340		3025		fractured-rock aquifers of the Newark basin part of the Piedmont Province				3010 JTTms		Newark Supergroup	227NWRK	
2350		3199 bs	basalt					3200 Jbs		Basalt	227BSLT	GTRBS
2360		3199 bs	basalt					3300 Jh		Hook Mountain Basalt	227HMM	GTRBM
2365		3199 bs	basalt					3301 Jhg		Hook Mountain Basalt Gabbroid		
2370		3199 bs	basalt					3500 Jp		Peakness Basalt	227PRKS	GTRBPR
2380		3199 bs	basalt					3505 Jps		Peakness Sandstone (between basalt flows)		
2385		3199 bs	basalt					3555 Jpg		Peakness Gabbroid		
2390		3199 bs	basalt					3700 Jc		Orange Mountain Basalt		GTRBOM
2400		3799 db	diabase					3800 Jd		Diabase and granophyre [polygon label]	227ORGM	GTRBG
2410		3799 db	diabase					3801 Jd		Diabase dike [line label]		
2420		3799 db	diabase					3850 Jg		Granophyre		
2430		3050 ba	Brunswick aquifer					3950 JTrg		Brunswick Group (Passaic Formation through Bontion Formation)	227BRCK / 227BRCKS	
2440		3050 ba	Brunswick aquifer					3070 Trb		Brunswick Formation (superceded by Passaic, Felville, Towaco, and Bontion Formations)	227BRCK	GTRB
2450		3050 ba	Brunswick aquifer					2890 Kfcs		Raritan Formation - Raritan Fire Clay Member		
2460		3050 ba	Brunswick aquifer					3110 Jb		Bontion Formation	227BNTN	GTRBB
2470		3050 ba	Brunswick aquifer					3400 Jt		Towaco Formation	227TOWC	GTRBT
2480		3050 ba	Brunswick aquifer					3600 Jf		Felville Formation	227FLVL	GTRBF
2485		3050 ba	Brunswick aquifer					3605 Jfw		Felville Formation - Washington Valley Member		
2490		3050 ba	Brunswick aquifer					4000 JTp		Passaic Formation	227PSSC	GTRBP
2491		3050 ba	Brunswick aquifer					4005 Trpp		Passaic Formation - Perkasia Member		
2492		3050 ba	Brunswick aquifer					4010 Trpg		Passaic Formation - Gravers Member		
2493		3050 ba	Brunswick aquifer					4015 Trpn		Passaic Formation - Neshanic Station Member		
2494		3050 ba	Brunswick aquifer					4020 Trpb		Passaic Formation - Blawenburg Member		
2495		3050 ba	Brunswick aquifer					4025 Trpm		Passaic Formation - Mettars Member		
2496		3050 ba	Brunswick aquifer					4030 Trpr		Passaic Formation - greenish-gray beds		
2500		3050 ba	Brunswick aquifer					4100 Trpg		Passaic Formation - gray bed [includes JTrpg labels on some maps]	227PSSC	
2510		3050 ba	Brunswick aquifer					4150 Trpg		Passaic Formation - gray-bed hornfels [includes JTrpg labels on some maps]	227PSSC	
2520		3050 ba	Brunswick aquifer					4200 JTrph		Passaic Formation - hornfels	227PSSC	
2530		3050 ba	Brunswick aquifer					4500 JTrps		Passaic Formation - sandstone	227PSSC	
2540		3050 ba	Brunswick aquifer					4505 JTrpt		Passaic Formation - siltstone and mudstone	227PSSC	
2550		3050 ba	Brunswick aquifer					4510 JTrpps		Passaic Formation - sandy mudstone	227PSSC	
2560		3050 ba	Brunswick aquifer					4509 JTrpm		Passaic Formation - mudstone	227PSSC	
2570		3050 ba	Brunswick aquifer			3060 bac	conglomerate	3120 Jbc		Bontion Formation - basalt-clast conglomerate		
2580		3050 ba	Brunswick aquifer			3060 bac	conglomerate	3130 Jbcg		Bontion Formation - gneiss-clast conglomerate		
2590		3050 ba	Brunswick aquifer			3060 bac	conglomerate	3140 Jbcq		Bontion Formation - quartzite-clast conglomerate		
2600		3050 ba	Brunswick aquifer			3060 bac	conglomerate	3450 Jbc		Towaco Formation - conglomerate		
2610		3050 ba	Brunswick aquifer			3060 bac	conglomerate	3850 Jbc		Felville Formation - conglomerate		
2620		3050 ba	Brunswick aquifer			3060 bac	conglomerate	3900 JTrc		Conglomerate	227CGLM / 231CGLMU / 231HMCK	GTRCG
2630		3050 ba	Brunswick aquifer			3060 bac	conglomerate	3925 JTrpc		Cobble and pebble conglomerate	344HML	
2640		3050 ba	Brunswick aquifer			3060 bac	conglomerate	3950 JTrcq		Quartzite-clast conglomerate	231HMCK / 231ORCG	
2650		3050 ba	Brunswick aquifer			3060 bac	conglomerate	3960 JTrcsh		Shale-clast conglomerate	231HMCK	
2660		3050 ba	Brunswick aquifer			3060 bac	conglomerate	3970 JTrcl		Limestone-clast conglomerate	231LMCG	
2670		3050 ba	Brunswick aquifer			3060 bac	conglomerate	4205 JTrpcd		Passaic Formation - quartzite-clast conglomerate		
2680		3050 ba	Brunswick aquifer			3060 bac	conglomerate	4300 JTrpcd		Passaic Formation - limestone-clast conglomerate		
2690		3050 ba	Brunswick aquifer			3060 bac	conglomerate	4350 JTrpcsh		Passaic Formation - shale-clast conglomerate		
2700		3050 ba	Brunswick aquifer			3060 bac	conglomerate	4400 JTrpsc		Passaic Formation - conglomeratic sandstone		
2710		3050 ba	Brunswick aquifer			3060 bac	conglomerate	4450 JTrpss		Passaic Formation - conglomerate and pebbly-sandstone		
2720		5110 f	Lockatong Formation					5100 Th		Lockatong Formation	231LCKG	GTRL
2730		5110 f	Lockatong Formation					5100 Trh		Lockatong Formation - red bed	231LCKG	
2740		5110 f	Lockatong Formation					5200 Trhh		Lockatong Formation - hornfel	231LCKG	
2750		5110 f	Lockatong Formation					5250 Thla		Lockatong Formation - arkosic-sandstone	231LCKG	
2760		5110 f	Lockatong Formation					5300 Trls		Lockatong Formation - sandstone	231LCKG	
2770		5110 f	Lockatong Formation			5315 ffc	conglomerate	5305 Trlc		Lockatong Formation - conglomerate		
2775		5110 f	Lockatong Formation			5315 ffc	conglomerate	5307 Trlcq		Lockatong Formation - quartzite conglomerate		
2780		5110 f	Lockatong Formation			5315 ffc	conglomerate	5310 Trlcq		Lockatong Formation - quartzite conglomerate		
2790		5110 f	Lockatong Formation			5315 ffc	conglomerate	5350 Trlsc		Lockatong Formation - sandstone and conglomerate		
2800		5405 sf	Stockton Formation					5400 Trs		Stockton Formation	231SCKN	GTRS
2810		5405 sf	Stockton Formation			5435 dfc	conglomerate	5425 Trsc		Stockton Formation - conglomerate		
2820		5405 sf	Stockton Formation			5435 dfc	conglomerate	5450 Trss		Stockton Formation - cobble conglomerate and sandstone [includes Trssc labels on some maps]		
2830		5405 sf	Stockton Formation			5435 dfc	conglomerate	5500 Trscq		Stockton Formation - quartz-cobble conglomerate		
2835								5600 Trhc		Hammock Creek Formation - conglomerate		
2840	6050			Province				6025 njvr		New Jersey Valley and Ridge Province		
2850		6125 gpkm		rocks of the Green Pond Mountain Region, Kittatinny Mountain, and Minisink Valley				6125*		Green Pond Mountain Region, Kittatinny Mountain, and Minisink Valley		GD / GDVRU / GSVRU
2860		6125 gpkm		rocks of the Green Pond Mountain Region, Kittatinny Mountain, and Minisink Valley				6130 Jp		Green Pond Mountain Region part of the New Jersey Highlands		GDOPU / GSGPU
2870		6125 gpkm		rocks of the Green Pond Mountain Region, Kittatinny Mountain, and Minisink Valley				6150 Dsk		Sauneronville Conglomerate	341SKMK	GDSC
2880		6125 gpkm		rocks of the Green Pond Mountain Region, Kittatinny Mountain, and Minisink Valley				6200 Dbv		Bellevue Sandstone	341BLVL	GOB
2890		6125 gpkm		rocks of the Green Pond Mountain Region, Kittatinny Mountain, and Minisink Valley				6200 Dcw		Manitouville Shale	344CNL	GDC*
2900		6125 gpkm		rocks of the Green Pond Mountain Region, Kittatinny Mountain, and Minisink Valley				6300 Dm		Manitouville Shale	344MCL	GOB
2910		6125 gpkm		rocks of the Green Pond Mountain Region, Kittatinny Mountain, and Minisink Valley				6350 Db		Buttermilk Falls and Onondaga Limestones, undivided		GOB
2920		6125 gpkm		rocks of the Green Pond Mountain Region, Kittatinny Mountain, and Minisink Valley				6360 Dm		Onondaga Limestone	344ONDG	
2930		6125 gpkm		rocks of the Green Pond Mountain Region, Kittatinny Mountain, and Minisink Valley				6400 Dhec		Kanouse Sandstone, Escopus Formation, and Connelly Conglomerate, undivided		
2940		6125 gpkm		rocks of the Green Pond Mountain Region, Kittatinny Mountain, and Minisink Valley				6450 Dm		Kanouse Sandstone	344KNUS	GDK
2950		6125 gpkm		rocks of the Green Pond Mountain Region, Kittatinny Mountain, and Minisink Valley				6500 Dc		Schoharie Formation	344NSC	GDS
2960		6125 gpkm		rocks of the Green Pond Mountain Region, Kittatinny Mountain, and Minisink Valley				6550 Dm		Escopus Formation	344EPCS	GDSPF / GDVRE
2970		6125 gpkm		rocks of the Green Pond Mountain Region, Kittatinny Mountain, and Minisink Valley				6600 Dcc		Connelly Conglomerate	344CCN	GDC*
2980		6125 gpkm		rocks of the Green Pond Mountain Region, Kittatinny Mountain, and Minisink Valley				6650 Dm		Oriskany Group, undivided	347ORSK	GDORS
2990		6125 gpkm		rocks of the Green Pond Mountain Region, Kittatinny Mountain, and Minisink Valley				6700 Dm		Ripley Sandstone	347RPL	GDOS
3000		6125 gpkm		rocks of the Green Pond Mountain Region, Kittatinny Mountain, and Minisink Valley				6740 Dac		Shriver Chert	347RSH	GOOG
3010		6125 gpkm		rocks of the Green Pond Mountain Region, Kittatinny Mountain, and Minisink Valley				6760 Dg		Glenare Formation		
3020		6125 gpkm		rocks of the Green Pond Mountain Region, Kittatinny Mountain, and Minisink Valley				6800 Dm		Heidelberg Group, undivided		
3030		6125 gpkm		rocks of the Green Pond Mountain Region, Kittatinny Mountain, and Minisink Valley				6820 Dp		Port Even Shale	347PREN	GDHPE
3040		6125 gpkm		rocks of the Green Pond Mountain Region, Kittatinny Mountain, and Minisink Valley				6840 Dm		Minisink Limestone and New Scotland Formation, undivided		
3050		6125 gpkm		rocks of the Green Pond Mountain Region, Kittatinny Mountain, and Minisink Valley				6850 Dm		Minisink Limestone	347MNSC	GDHM
3060		6125 gpkm		rocks of the Green Pond Mountain Region, Kittatinny Mountain, and Minisink Valley				6880 Dn		New Scotland Formation	347NSCD	GDHNS
3070		6125 gpkm		rocks of the Green Pond Mountain Region, Kittatinny Mountain, and Minisink Valley				6881 Dm		New Scotland Formation - Maskenozha Member	347MNSK	
3080		6125 gpkm		rocks of the Green Pond Mountain Region, Kittatinny Mountain, and Minisink Valley				6882 Dm		New Scotland Formation - Flatbrookville Member	347FBV	
3090		6125 gpkm		rocks of the Green Pond Mountain Region, Kittatinny Mountain, and Minisink Valley				6900 Dkc		Kalberg Limestone, Coeymans Limestone, Manlius Limestone, and Coeymans Formation, undivided		
3100		6125 gpkm		rocks of the Green Pond Mountain Region, Kittatinny Mountain, and Minisink Valley				6985 Dc		Coeymans Formation	347CMNS	GDHC
3110		6125 gpkm		rocks of the Green Pond Mountain Region, Kittatinny Mountain, and Minisink Valley				6990 Dm		Coeymans Formation - Stormville Member	347SMVL	
3120		6125 gpkm		rocks of the Green Pond Mountain Region, Kittatinny Mountain, and Minisink Valley				6992 Dcsi		Coeymans Formation - Shawnee Island Member	347SILD	
3130		6125 gpkm		rocks of the Green Pond Mountain Region, Kittatinny Mountain, and Minisink Valley				6993 Dcpw		Coeymans Formation - Peters Valley Member	347PRVL	
3140		6125 gpkm		rocks of the Green Pond Mountain Region, Kittatinny Mountain, and Minisink Valley				6994 Dm		Coeymans Formation - Depue Limestone Member	347DEPU	
3150		6125 gpkm		rocks of the Green Pond Mountain Region, Kittatinny Mountain, and Minisink Valley				6995 Dm		Kalkberg Limestone	347KLBG	
3160		6125 gpkm		rocks of the Green Pond Mountain Region, Kittatinny Mountain, and Minisink Valley				6996 Dd		Coeymans Limestone		
3170		6125 gpkm		rocks of the Green Pond Mountain Region, Kittatinny Mountain, and Minisink Valley				6997 Dm		Manlius Limestone		
3180		6125 gpkm		rocks of the Green Pond Mountain Region, Kittatinny Mountain, and Minisink Valley				6961 Dmrl		Manlius Limestone - Ravenna Member	347RVEN	
3190		6125 gpkm		rocks of the Green Pond Mountain Region, Kittatinny Mountain, and Minisink Valley				6962 Dmrl		Manlius Limestone - Tracker Member	347TRCK	
3200		6125 gpkm		rocks of the Green Pond Mountain Region, Kittatinny Mountain, and Minisink Valley				7150 Dm		Rondout Formation	347RNDT	GDR
3210		6125 gpkm		rocks of the Green Pond Mountain Region, Kittatinny Mountain, and Minisink Valley				7151 Dsm		Rondout Formation - Mashpacong Member	347MPCG	
3220		6125 gpkm		rocks of the Green Pond Mountain Region, Kittatinny Mountain, and Minisink Valley				7152 DSD		Rondout Formation - Duttonville Member	347DNDV	
3230		6125 gpkm		rocks of the Green Pond Mountain Region, Kittatinny Mountain, and Minisink Valley				7153 DSDwd		Rondout Formation - Whitport Dolomite Member	347WTPR	
3240		6125 gpkm		rocks of the Green Pond Mountain Region, Kittatinny Mountain, and Minisink Valley				7200 DSD		Rondout and Decker Formations, undivided		
3250		6125 gpkm		rocks of the Green Pond Mountain Region, Kittatinny Mountain, and Minisink Valley				7250 Sd		Decker Formation	351DCKR / 351CVRK / 351WPKC	GDSC
3260		6125 gpkm		rocks of the Green Pond Mountain Region, Kittatinny Mountain, and Minisink Valley				7300 Sbv		Bossardville Limestone	351BSVL	GSBO
3270		6125 gpkm		rocks of the Green Pond Mountain Region, Kittatinny Mountain, and Minisink Valley				7400 Sbv		Berkshire Valley Formation		
3280		6125 gpkm		rocks of the Green Pond Mountain Region, Kittatinny Mountain, and Minisink Valley				7500 Sp		Poxono Island Formation	351PIXD	GSPIV / GSPVIR
3290		6125 gpkm		rocks of the Green Pond Mountain Region, Kittatinny Mountain, and Minisink Valley				7500 Sbp		Poxono Island and Poxono Island Formations, undivided [includes Sbpv labels on some maps]		
3300		6125 gpkm		rocks of the Green Pond Mountain Region, Kittatinny Mountain, and Minisink Valley				7600 Sbv		Berkshire Valley Formation		
3310		6125 gpkm		rocks of the Green Pond Mountain Region, Kittatinny Mountain, and Minisink Valley				7700 Si		Longwood Shale	351LNGD	GSLS
3320		6125 gpkm		rocks of the Green Pond Mountain Region, Kittatinny Mountain, and Minisink Valley				7700 Shf		High Falls Formation (Superceded by the Longwood Shale and Bloomsburg Red Beds)	350HFL	GSHP
3330		6125 gpkm		rocks of the Green Pond Mountain Region, Kittatinny Mountain, and Minisink Valley				7800 Sg		Green Pond Conglomerate [includes Sg labels on some maps]	350GPD	GSFP
3340		6125 gpkm		rocks of the Green Pond Mountain Region, Kittatinny Mountain, and Minisink Valley				7900 Ss		Shawangunk Formation	354SNGK	GSGS
3350		8999 mnr		igneous and metamorphic rocks				8100 SObu		Beaumontville Suite		GGBI
3360		8999 mnr		igneous and metamorphic rocks				8101 SObu		Nepheline syenite [includes Obu labels on some maps]		
3370		8999 mnr		igneous and metamorphic rocks				8140 SObi		Lampophyre, tringulite, bostonite, and malgaitite, undifferentiated [includes Obi, Obp, Obb, Obn, Odi labels on some maps]		
3380		8999 mnr		igneous and metamorphic rocks				8160 SObb		Oxide breccia or volcanic breccia [includes Obb, Obv, Oub, labels on some maps]		
3390		8199 mrls		Marlburg Formation and Jutland klippe sequence				8200 Om		Marlburg Formation, undivided	351MRBG	GOMB
3400		8199 mrls		Marlburg Formation								