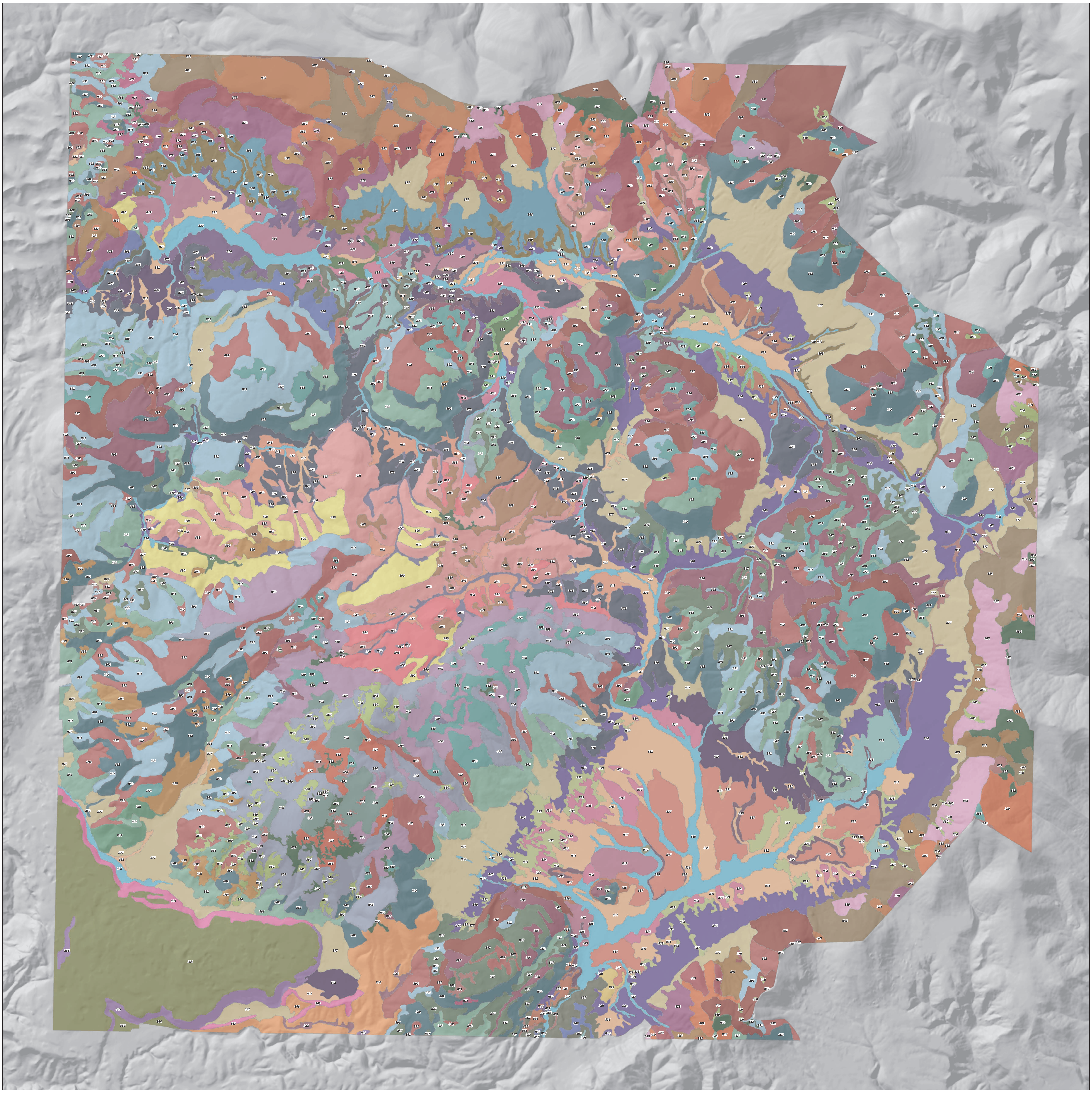
MAP_UNIT_SYMBOL	First_MAP_KIND	First_PNV_CLASS_PCT	First_SOIL_CLASS_PCT
829	Consociation	CAAQ/CAUT/CAPE42/CAMI7 - 100 pct	Caldera - 50 pct Typic Haplofibrists euic frigid VD VPD - 45 pct Typic Endoaquolls lo-sk mx su fr VD L VPD - 3 pct Typic Endoaquolls s-sk mx fr VD L VPD - 3 pct
830	Association	CAAQ/DECE/POPR/PHPR - 75 pct CAAQ/CAUT/CAPE42/CAMI7 - 25 pct	Caldera - 50 pct Aquic Argiustolls filo/s-sk mx su fr VD L PD - 38 pct Fluvaquentic Endoaquolls s-sk mx fr VD L PD - 10 pct Typic Haplofibrists euic frigid VD VPD - 3 pct
831	Complex	FEID/MUWR/BLTR/POPR - 95 pct CAAQ/CAMI7/DECE/POPR - 5 pct	Caldera - 50 pct Typic Argialbolls fism fr VD L SPD - 35 pct Vertic Argialbolls cy/s-sk sm fr VD L SPD - 10 pct Typic Argialbolls lo-sk mx su fr VD L PD - 3 pct Typic Argialbolls filo mx su fr VD L SPD - 3 pct
833	Consociation	CAAQ/CAUT/CAPE42/CAMI7 - 100 pct	Caldera - 50 pct Typic Endoaquolls filo mx su fr VD L VPD - 45 pct Typic Endoaquolls lo-sk mx su fr VD L VPD - 5 pct
834	Consociation	FEAR2/MUMO/BLTR/BOGR2 - 100 pct	Caldera - 50 pct Pachic Haplustolls filo mx su fr VD L - 45 pct Pachic Haplustolls lo-sk mx su fr VD L - 5 pct
835	Association	FEAR2/MUMO - 70 pct DAPA2/FEAR2 - 30 pct	Caldera - 50 pct Typic Haplustepts lo-sk mx su fr VD GR SL - 30 pct Pachic Hapludolls filo mx su fr VD L - 15 pct Typic Argiustolls filo mx su fr VD GR SL - 5 pct
836	Consociation	DAPA2/FEAR2 - 100 pct	Caldera - 50 pct Pachic Argiudolls filo mx su fr VD L - 45 pct Typic Argiudolls filo mx su fr VD SL - 5 pct
837	Association	FEAR2/MUMO/BLTR/BOGR2 - 85 pct FEID/DECE/POPR - 15 pct	Caldera - 50 pct Vitrandic Argiustolls lo/pum mx/gl su fr VD SL - 38 pct Aquic Haplustolls filo mx su fr VD L SPD - 8 pct Vitrandic Haplustolls lo/pum mx/gl su fr VD SL - 5 pct
839	Consociation	DAPA2/FEAR2 - 100 pct	Caldera - 50 pct Pachic Hapludolls filo mx su fr VD L - 45 pct Typic Argiudolls filo mx su fr VD L - 3 pct Pachic Hapludolls filo/cy mx/sm su fr VD L - 3 pct
840	Complex	DAPA2/FEAR2 - 100 pct	Caldera - 50 pct Pachic Argiudolls filo mx su fr VD L - 23 pct Pachic Argiudolls lo-sk mx su fr VD L - 18 pct Typic Hapludolls filo mx su fr VD L - 10 pct
841	Consociation	FEAR2/MUMO/BLTR/BOGR2 - 100 pct	Caldera - 50 pct Vitrandic Haplustalfs as gl fr VD SL - 45 pct Vitrandic Haplustalfs as-sk gl fr VD SL - 3 pct Vitrandic Haplustolls as gl fr VD SL - 3 pct
842	Consociation	FEAR2/MUMO/BLTR/BOGR2 - 100 pct	Caldera - 50 pct Vitrandic Argiustolls as gl fr VD L - 48 pct Vitrandic Haplustolls as-sk gl fr VD L - 3 pct
843	Consociation	FETH/DAPA2/FEID/POPR - 100 pct	Caldera - 50 pct Typic Palecryolls fism VD L MWD - 43 pct Typic Palecryolls cy-sk sm VD L MWD - 5 pct Pachic Argicryolls filo mx su VD L MWD - 3 pct
844	Association	PIPOS/PIPU/FETH/DAPA2 - 75 pct FEAR2/MUMO/BLTR/BOGR2 - 25 pct	Caldera - 50 pct Vitrandic Hapludolls as gl fr VD L - 38 pct Vitrandic Haplustolls as-pum gl fr VD SL - 10 pct Vitrandic Haplustepts as-pum gl fr VD L - 3 pct
846	Association	ABCO/PSMEG/PIPOS - 65 pct PIPOS/FEAR2 - 35 pct	Caldera - 50 pct Vitrandic Hapludolls as-pum gl fr VD SL - 28 pct Vitrandic Haplustolls as-pum gl fr VD SL - 18 pct Vitrandic Eutrudepts as-pum gl fr VD SL - 5 pct
847	Complex	ABCO/PSMEG/PIPOS/PIPU - 100 pct	Caldera - 50 pct Vitrandic Eutrudepts as-sk gl fr VD SL - 30 pct Vitrandic Hapludalfs as gl fr VD SL - 15 pct Vitrandic Hapludolls as gl fr VD SL - 5 pct
848	Consociation	PIPOS/FEAR2 - 95 pct FEAR2/MUMO - 5 pct	Caldera - 50 pct Vitrandic Haplustolls as-sk gl fr VD L - 43 pct Vitrandic Haplustolls as gl fr VD SL - 5 pct Vitrandic Haplustepts as-sk gl fr VD GR SL - 3 pct
849	Consociation	FEAR2/MUMO/BLTR/BOGR2 - 100 pct	Caldera - 50 pct Typic Paleustolls fism fr VD SIL - 45 pct Typic Argiustolls filo mx su fr VD L - 5 pct
850	Consociation	CAAQ/CAMI7/DECE/POPR - 100 pct	Caldera - 50 pct Argic Cryaquolls fism fr VD CL PD - 45 pct Argic Cryaquolls cy-sk sm VD CL PD - 3 pct Typic Cryaquolls filo mx su VD L PD - 3 pct
851	Complex	FETH/DAPA2/FEAR2 - 100 pct	Caldera - 50 pct Pachic Argicryolls filo mx su VD L - 25 pct Pachic Argicryolls lo-sk mx su VD L - 20 pct Typic Argicryolls lo-sk mx su VD L - 5 pct
852	Complex	FETH/DAPA2/FEAR2 - 100 pct	Caldera - 50 pct Pachic Haplocryolls lo-sk mx su VD GR L - 25 pct Pachic Haplocryolls frag su fr VD GR L - 15 pct Pachic Haplocryolls filo mx su VD L - 5 pct Typic Haplocryolls lo-sk mx su VD GR L - 5 pct
853	Consociation	PIEN - 100 pct	Vitrandic Haplocryepts as-sk gl VD GRV SL - 50 pct Caldera - 50 pct
854	Consociation	PIEN/ABLAA/ABCO/PSMEG - 95 pct	Caldera - 50 pct Vitrandic Haplocryepts frag VD STV FSL - 43 pct Vitrandic Haplocryolls as-sk gl VD CBV L - 5 pct Rubbleland - 3 pct
858	Complex	PIEN/ABLAA/ABCO/PSMEG - 100 pct	Caldera - 50 pct Vitrandic Haplocryalfs as gl VD GR SL - 20 pct Vitrandic Haplocryalfs as-sk gl VD SCL - 20 pct Vitrandic Haplocryolls as gl VD GR SL - 5 pct Vitrandic Haplocryolls as-sk gl VD GR SL - 5 pct
859	Consociation	PIEN/ABCO/PSMEG/POTR5 - 90 pct FETH/DAPA2 - 10 pct	Caldera - 50 pct Vitrandic Argicryolls cy-sk sm VD FSL - 40 pct Vitrandic Haplocryolls as-sk gl VD CBV L - 10 pct
860	Consociation		Rubbleland - 95 pct
861	Complex	ABCO/PSMEG/PIPOS - 100 pct	Caldera - 50 pct Vitrandic Hapludalfs as-sk gl fr VD GR SL - 30 pct Vitrandic Hapludalfs as gl fr VD SL - 15 pct Vitrandic Eutrudepts as gl fr VD SL - 5 pct
862	Complex	ABCO/PSMEG/PIPOS - 100 pct	Caldera - 50 pct Vitrandic Eutrudepts as-sk gl fr VD GR SL - 30 pct Vitrandic Hapludalfs as gl fr VD GR SL - 13 pct Vitrandic Hapludalfs as-sk gl fr VD GR SL - 5 pct Vitrandic Eutrudepts as gl fr VD GR SL - 3 pct
863	Consociation	ABCO/PSMEG/PIPOS - 100 pct	Caldera - 50 pct Vitrandic Eutrudepts as-sk gl fr VD L - 45 pct Vitrandic Hapludalfs as-sk gl fr VD L - 5 pct
864	Association	ABCO/PSMEG/PIPOS - 105 pct	Caldera - 53 pct Vitrandic Eutrudepts as-sk gl fr VD CBV SL - 20 pct Vitrandic Eutrudepts as gl fr VD GR SL - 20 pct Vitrandic Argiudolls as gl fr VD SL - 10 pct Vitrandic Hapludolls as gl fr VD SL - 3 pct
865	Association	PIPOS - 80 pct	Caldera - 50 pct Vitrandic Haplustepts as-sk gl frigid D STV SL - 35 pct Rockoutcrop - 10 pct Vitrandic Ustorthents as-sk gl fr VD SL - 5 pct
866	Complex	PIPOS/PIPU/DAPA2/FEAR2 - 100 pct	Caldera - 50 pct Vitrandic Argiudolls as-sk gl fr VD GR SL - 38 pct Vitrandic Hapludolls as gl sh fr GR SL - 10 pct Vitrandic Hapludolls as-sk gl fr VD GR SL - 3 pct
867	Consociation	PIPU/DAPA2/FEAR2 - 95 pct	Caldera - 50 pct Vitrandic Hapludolls as-sk gl fr VD SL - 43 pct Vitrandic Eutrudepts as-sk gl fr VD CB SL - 5 pct Rockoutcrop - 3 pct
868	Association	PIPOS/FETH/DAPA2/FEAR2 - 75 pct FEAR2/PASM/MUWR - 25 pct	Caldera - 50 pct Pachic Argiudolls filo mx su fr VD L - 33 pct Alfic Argiustolls fism fr VD L - 13 pct Pachic Argiudolls lo-sk mx su fr VD CBX L - 5 pct
869	Consociation	PIPOS/FEAR2 - 100 pct	Caldera - 50 pct Typic Argiustolls lo-sk mx su fr VD CBV L - 43 pct Typic Haplustalfs lo-sk mx su fr VD GR L - 5 pct Typic Argiustolls cy-sk sm fr MD GRV L - 3 pct
870	Consociation	FEAR2/MUMO - 100 pct	Caldera - 50 pct Vitrandic Argiustolls as gl fr VD SL - 45 pct Vitrandic Argiustolls as-sk gl fr VD L - 5 pct
871	Consociation	POTR5/FETH/DAPA2 - 100 pct	Caldera - 50 pct Vitrandic Hapludolls as-sk gl fr VD L - 45 pct Vitrandic Hapludolls as gl fr VD L - 5 pct
873	Consociation	FEAR2/MUMO - 95 pct	Caldera - 50 pct Vitrandic Haplustolls as-sk gl fr MD SL - 45 pct Rockoutcrop - 3 pct Vitrandic Argiustolls as-sk gl fr MD SL - 3 pct
875	Complex	PIPOS/FETH/DAPA2/FEAR2 - 70 pct PIPU/DAPA2/FEAR2 - 20 pct PIPOS/FEAR2/MUMO - 10 pct	Caldera - 50 pct Vitrandic Argiudolls as-sk gl fr VD L - 23 pct Vitrandic Argiudolls as gl fr VD SL - 10 pct Vitrandic Argiudolls as-sk gl fr VD SL - 10 pct Vitrandic Haplustolls as gl fr VD L - 5 pct Typic Argiudolls fism fr VD L - 3 pct
877	Complex	ABCO/PSMEG/PIPOS/PIEN - 85 pct POTR5/FETH/DAPA2 - 15 pct	Caldera - 50 pct Vitrandic Hapludalfs as-sk gl fr VD L - 23 pct Vitrandic Hapludolls as gl fr VD L - 15 pct Vitrandic Argiudolls as-sk gl fr VD L - 8 pct Vitrandic Eutrudepts as-sk gl fr VD SL - 3 pct Vitrandic Eutrudepts as gl fr VD SL - 3 pct
878	Consociation	ABCO/PSMEG/PIPOS - 100 pct	Typic Eutrudepts lo-sk mx su fr VD GRX SL - 90 pct Typic Hapludolls lo-sk mx su fr VD GR L - 10 pct
879	Consociation	ABCO/PSMEG/PIPOS - 100 pct	Typic Eutrudepts lo-sk mx su fr VD GR SCL - 85 pct Typic Hapludolls lo-sk mx su fr VD GR L - 10 pct Typic Argiudolls lo-sk mx su fr VD GR SCL - 5 pct
881	Consociation	ABCO/PSMEG/POTR5 - 100 pct	Typic Hapludalfs lo-sk mx su fr VD SCL - 85 pct Typic Hapludolls lo-sk mx su fr VD SCL - 10 pct Typic Eutrudepts lo-sk mx su fr VD L - 5 pct
882	Consociation	ABCO/PSMEG/POTR5 - 100 pct	Typic Hapludolls lo-sk mx su fr VD SL - 100 pct
883	Complex	PIEN/ABLAA/ABCO/PSMEG - 100 pct	Typic Argicryolls lo-sk mx su VD L - 65 pct Typic Haplocryepts lo-sk mx su VD GR L - 30 pct Typic Haplocryepts filo mx su VD SCL - 5 pct
884	Consociation	PIEN/ABCO/PSMEG/POTR5 - 100 pct	Typic Argicryolls lo-sk mx su VD L - 90 pct Typic Haplocryalfs lo-sk mx su VD SCL - 10 pct
885	Consociation	PIEN/ABCO/PSMEG/POTR5 - 100 pct	Typic Haplocryepts lo-sk mx su VD GRV L - 90 pct Typic Argicryolls cy-sk sm VD GR L - 10 pct
886	Consociation	PIEN/ABLAA/POTR5 - 100 pct	Typic Haplocryepts lo-sk mx su VD GRV L - 90 pct Typic Haplocryalfs lo-sk mx su VD GR SCL - 10 pct
888	Association	ABCO/PSMEG/PIPOS - 80 pct PIPOS/FEAR2 - 20 pct	Caldera - 50 pct Typic Hapludalfs filo mx su fr VD SL - 30 pct Typic Haplustalfs lo-sk mx su fr VD GR SL - 10 pct Typic Argiudolls fism fr VD SL - 5 pct Typic Argiudolls lo-sk mx su fr VD SCL - 5 pct
889	Complex	ABCO/PSMEG/PIPOS - 100 pct	Caldera - 50 pct Pachic Argiudolls lo-sk mx su fr VD L - 25 pct Pachic Argiudolls cy-sk sm fr VD L - 15 pct Pachic Argiudolls fism fr VD L - 5 pct Pachic Argiudolls filo mx su fr VD L - 5 pct
890	Consociation	ABCO/PSMEG/POTR5 - 100 pct	Caldera - 50 pct Typic Argiudolls cy-sk sm fr VD GR SL - 43 pct Typic Argiudolls lo-sk mx su fr VD SCL - 5 pct Pachic Argiudolls filo mx su fr VD SCL - 3 pct
891	Complex	ABCO/PSMEG/POTR5 - 100 pct	Caldera - 50 pct Vitrandic Hapludalfs as-sk gl fr VD GR SL - 30 pct Vitrandic Hapludalfs as gl fr VD SL - 13 pct Vitrandic Hapludolls as-sk gl fr VD GR SL - 5 pct Vitrandic Eutrudepts as-sk gl fr VD SL - 3 pct
892	Consociation	ABCO/PSMEG/POTR5 - 100 pct	Caldera - 50 pct Vitrandic Hapludalfs as-sk gl fr VD SL - 40 pct Vitrandic Hapludalfs as gl fr VD SL - 5 pct Vitrandic Eutrudepts as-sk gl fr VD CB SL - 5 pct
894	Complex	PIEN/ABCO/PSMEG/POTR5 - 100 pct	Caldera - 50 pct Vitrandic Haplocryalfs fism VD SCL - 30 pct Vitrandic Haplocryalfs cy-sk sm VD SCL - 15 pct Vitrandic Argicryolls filo mx su VD GR L - 5 pct
896	Complex	PIEN/ABCO/PSMEG/POTR5 - 100 pct	Caldera - 50 pct Vitrandic Haplocryalfs as gl VD SL - 45 pct Vitrandic Haplocryepts as-sk gl VD GRV SL - 5 pct
897	Consociation	PIEN/ABCO/PSMEG/POTR5 - 100 pct	Caldera - 50 pct Vitrandic Eutrocryepts as-sk gl VD STV L - 45 pct Vitrandic Haplocryalfs as gl VD SL - 3 pct Vitrandic Haplocryolls as-sk gl VD GRV L - 3 pct
898	Complex	PIEN/ABLAA - 100 pct	Caldera - 50 pct Vitrandic Haplocryalfs as-sk gl VD SL - 30 pct Vitrandic Eutrocryepts as-sk gl VD FSL - 15 pct Vitrandic Haplocryalfs cy-sk sm VD SL - 5 pct
899	Consociation	QUGA/RONEN - 100 pct	Vitrandic Argiudolls as-sk gl fr VD CBV L - 90 pct Vitrandic Hapludolls as-sk gl fr VD CBV L - 10 pct
900	Consociation		Water - 100 pct

MAP_UNIT_SYMBOL	First_SOIL_CLASS	First_SOIL_CLASS1	First_SOIL_CLASS_PHASE1	First_SOIL_TAXONOMY1	Min_SOIL_PCT1
829		Caldera			50
830		Caldera			50
831		Caldera			50
833		Caldera			50
834		Caldera			50
835		Caldera			50
836		Caldera			50
837		Caldera			50
839		Caldera			50
840		Caldera			50
841		Caldera			50
842		Caldera			50
843		Caldera			50
844		Caldera			50
846		Caldera			50
847		Caldera			50
848		Caldera			50
849		Caldera			50
850		Caldera			50
851		Caldera			50
852		Caldera			50
853		Vitrandic Haplocryepts as-sk gl VD GRV SL	VD GRV SL	Inceptisols, Cryepts, Haplocryepts, Vitrandic Haplocryepts, ashy-skeletal, glassy, cryic, udic, udic	50
854		Caldera			50
858		Caldera			50
859		Caldera			50
860		Rubbleland			95
861		Caldera			50
862		Caldera			50
863		Caldera			50
864		Caldera			53
865		Caldera			50
866		Caldera			50
867		Caldera			50
868		Caldera			50
869		Caldera			50
870		Caldera			50
871		Caldera			50
873		Caldera			50
875		Caldera			50
877		Caldera			50
878		Typic Eutrudepts lo-sk mx su fr VD GRX SL	VD GRX SL	Inceptisols, Udepts, Eutrudepts, Typic Eutrudepts, loamy-skeletal, mixed, superactive, frigid, udic, udic	90
879		Typic Eutrudepts lo-sk mx su fr VD GR SCL	VD GR SCL	Inceptisols, Udepts, Eutrudepts, Typic Eutrudepts, loamy-skeletal, mixed, superactive, frigid, udic, udic	85
881		Typic Hapludalfs lo-sk mx su fr VD SCL	VD SCL	Alfisols, Udalfs, Hapludalfs, Typic Hapludalfs, loamy-skeletal, mixed, superactive, frigid, udic, udic	85
882		Typic Hapludolls lo-sk mx su fr VD SL	VD SL	Mollisols, Udolls, Hapludolls, Typic Hapludolls, loamy-skeletal, mixed, superactive, frigid, udic, udic	100
883		Typic Argicryolls lo-sk mx su VD L	VD L	Mollisols, Cryolls, Argicryolls, Typic Argicryolls, loamy-skeletal, mixed, superactive, cryic, udic, udic	65
884		Typic Argicryolls lo-sk mx su VD L	VD L	Mollisols, Cryolls, Argicryolls, Typic Argicryolls, loamy-skeletal, mixed, superactive, cryic, udic, udic	90
885		Typic Haplocryepts lo-sk mx su VD GRV L	VD GRV L	Inceptisols, Cryepts, Haplocryepts, Typic Haplocryepts, loamy-skeletal, mixed, superactive, cryic, udic, udic	90
886		Typic Haplocryepts lo-sk mx su VD GRV L	VD GRV L	Inceptisols, Cryepts, Haplocryepts, Typic Haplocryepts, loamy-skeletal, mixed, superactive, cryic, udic, udic	90
888		Caldera			50
889		Caldera			50
890		Caldera			50
891		Caldera			50
892		Caldera			50
894		Caldera			50
896		Caldera			50
897		Caldera			50
898		Caldera			50
899		Vitrandic Argiudolls as-sk gl fr VD CBV L	VD CBV L	Mollisols, Udolls, Argiudolls, Vitrandic Argiudolls, ashy-skeletal, glassy, frigid, udic, udic	90
900		Water			100

MAP_UNIT_SYMBOL	First_SOIL_CLASS2	First_SOIL_CLASS_PHASE2	First_SOIL_TAXONOMY2	Min_SOIL_PCT2
829	Typic Haplofibrists euic frigid VD VPD	VD VPD	Histosols, Fibrists, Haplofibrists, Typic Haplofibrists, euic, frigid, aquic, aquic	45
830	Aquic Argiustolls filo/s-sk mx su fr VD L PD	VD L PD	Mollisols, Ustolls, Argiustolls, Aquic Argiustolls, fine-loamy over sandy or sandy-skeletal, mixed, superactive, frigid, ustic, ustic	38
831	Typic Argialbolls fism fr VD L SPD	VD L SPD	Mollisols, Albolls, Argialbolls, Typic Argialbolls, fine, smectitic, frigid, aquic, aquic	35
833	Typic Endoaquolls filo mx su fr VD L VPD	VD L VPD	Mollisols, Aquolls, Endoaquolls, Typic Endoaquolls, fine-loamy, mixed, superactive, frigid, aquic, aquic	45
834	Pachic Haplustolls filo mx su fr VD L	VD L	Mollisols, Ustolls, Haplustolls, Pachic Haplustolls, fine-loamy, mixed, superactive, frigid, ustic, ustic	45
835	Typic Haplustepts lo-sk mx su fr VD GR SL	VD GR SL	Inceptisols, Ustepts, Haplustepts, Typic Haplustepts, loamy-skeletal, mixed, superactive, frigid, ustic, ustic	30
836	Pachic Argiudolls filo mx su fr VD L	VD L	Mollisols, Udolls, Argiudolls, Pachic Argiudolls, fine-loamy, mixed, superactive, frigid, udic, udic	45
837	Vitrandic Argiustolls lo/pum mx/gl su fr VD SL	VD SL	Mollisols, Ustolls, Argiustolls, Vitrandic Argiustolls, loamy over pumiceous or cindery, mixed, glassy,superactive, frigid, ustic, ustic	38
839	Pachic Hapludolls filo mx su fr VD L	VD L	Mollisols, Udolls, Hapludolls, Pachic Hapludolls, fine-loamy, mixed, frigid, udic, udic	45
840	Pachic Argiudolls filo mx su fr VD L	VD L	Mollisols, Udolls, Argiudolls, Pachic Argiudolls, fine-loamy, mixed, superactive, frigid, udic, udic	23
841	Vitrandic Haplustalfs as gl fr VD SL	VD SL	Alfisols, Ustalfs, Haplustalfs, Vitrandic Haplustalfs, ashy, glassy, frigid, ustic, ustic	45
842	Vitrandic Argiustolls as gl fr VD L	VD L	Mollisols, Ustolls, Argiustolls, Vitrandic Argiustolls, ashy, glassy, frigid, ustic, ustic	48
843	Typic Palecryolls fism VD L MWD	VD L MWD	Mollisols, Cryolls, Palecryolls, Typic Palecryolls, fine, smectitic, cryic, udic, udic	43
844	Vitrandic Hapludolls as gl fr VD L	VD L	Mollisols, Udolls, Hapludolls, Vitrandic Hapludolls, ashy, glassy, frigid, udic, udic	38
846	Vitrandic Hapludolls as-pum gl fr VD SL	VD SL	Mollisols, Udolls, Hapludolls, Vitrandic Hapludolls, ashy-pumiceous, glassy, frigid, udic, udic	28
847	Vitrandic Eutrudepts as-sk gl fr VD SL	VD SL	Inceptisols, Udepts, Eutrudepts, Vitrandic Eutrudepts, ashy-skeletal, glassy, frigid, udic, udic	30
848	Vitrandic Haplustolls as-sk gl fr VD L	VD L	Mollisols, Ustolls, Haplustolls, Vitrandic Haplustolls, ashy-skeletal, glassy, frigid, ustic, ustic	43
849	Typic Paleustolls fism fr VD SIL	VD SIL	Mollisols, Ustolls, Paleustolls, Typic Paleustolls, fine, smectitic, frigid, ustic, ustic	45
850	Argic Cryaquolls fism fr VD CL PD	VD CL PD	Mollisols, Aquolls, Cryaquolls, Argic Cryaquolls, fine, smectitic, cryic, aquic, aquic	45
851	Pachic Argicryolls filo mx su VD L	VD L	Mollisols, Cryolls, Argicryolls, Pachic Argicryolls, fine-loamy, mixed, superactive, cryic, udic, udic	25
852	Pachic Haplocryolls lo-sk mx su VD GR L	VD GR L	Mollisols, Cryolls, Haplocryolls, Pachic Haplocryolls, loamy-skeletal, mixed, superactive, cryic, udic, udic	25
853	Caldera			50
854	Vitrandic Haplocryepts frag VD STV FSL	VD STV FSL	Inceptisols, Cryepts, Haplocryepts, Vitrandic Haplocryepts, fragmental,cryic, udic, udic	43
858	Vitrandic Haplocryalfs as gl VD GR SL	VD GR SL	Alfisols, Cryalfs, Haplocryalfs, Vitrandic Haplocryalfs, ashy, glassy, cryic, udic, udic	20
859	Vitrandic Argicryolls cy-sk sm VD FSL	VD FSL	Mollisols, Cryolls, Argicryolls, Vitrandic Argicryolls, clayey-skeletal, smectic, cryic, udic, udic	40
860				3.40282E+38
861	Vitrandic Hapludalfs as-sk gl fr VD GR SL	VD GR SL	Alfisols, Udalfs, Hapludalfs, Vitrandic Hapludalfs, ashy-skeletal, glassy, frigid, udic, udic	30
862	Vitrandic Eutrudepts as-sk gl fr VD GR SL	VD GR SL	Inceptisols, Udepts, Eutrudepts, Vitrandic Eutrudepts, ashy-skeletal, glassy, frigid, udic, udic	30
863	Vitrandic Eutrudepts as-sk gl fr VD L	VD L	Inceptisols, Udepts, Eutrudepts, Vitrandic Eutrudepts, ashy-skeletal, glassy, frigid, udic, udic	45
864	Vitrandic Eutrudepts as-sk gl fr VD CBV SL	VD CBV SL	Inceptisols, Udepts, Eutrudepts, Vitrandic Eutrudepts, ashy-skeletal, glassy, frigid, udic, udic	20
865	Vitrandic Haplustepts as-sk gl frigid D STV SL	D STV SL	Inceptisols, Ustepts, Haplustepts, Vitrandic Haplusteps, ashy-skeletal, glassy, frigid, ustic, ustic	35
866	Vitrandic Argiudolls as-sk gl fr VD GR SL	VD GR SL	Mollisols, Udolls, Argiudolls, Vitrandic Argiudolls, ashy-skeletal, glassy, frigid, udic, udic	38
867	Vitrandic Hapludolls as-sk gl fr VD SL	VD SL	Mollisols, Udolls, Hapludolls, Vitrandic Hapludolls, ashy-skeletal, glassy, frigid, udic, udic	43
868	Pachic Argiudolls filo mx su fr VD L	VD L	Mollisols, Udolls, Argiudolls, Pachic Argiudolls, fine-loamy, mixed, superactive, frigid, udic, udic	33
869	Typic Argiustolls lo-sk mx su fr VD CBV L	VD CBV L	Mollisols, Ustolls, Argiustolls, Typic Argiustolls, loamy-skeletal, mixed, superactive, frigid, ustic, ustic	43
870	Vitrandic Argiustolls as gl fr VD SL	VD SL	Mollisols, Ustolls, Argiustolls, Vitrandic Argiustolls, ashy, glassy, frigid, ustic, ustic	45
871	Vitrandic Hapludolls as-sk gl fr VD L	VD L	Mollisols, Udolls, Hapludolls, Vitrandic Hapludolls, ashy-skeletal, glassy, frigid, udic, udic	45
873	Vitrandic Haplustolls as-sk gl fr MD SL	MD SL	Mollisols, Ustolls, Haplustolls, Vitrandic Haplustolls, ashy-skeletal, glassy, frigid, ustic, ustic	45
875	Vitrandic Argiudolls as-sk gl fr VD L	VD L	Mollisols, Udolls, Argiudolls, Vitrandic Argiudolls, ashy-skeletal, glassy, frigid, udic, udic	23
877	Vitrandic Hapludalfs as-sk gl fr VD L	VD L	Alfisols, Udalfs, Hapludalfs, Vitrandic Hapludalfs, ashy-skeletal, glassy, frigid, udic, udic	23
878	Typic Hapludolls lo-sk mx su fr VD GR L	VD GR L	Mollisols, Udolls, Hapludolls, Typic Hapludolls, loamy-skeletal, mixed, superactive, frigid, udic, udic	10
879	Typic Hapludolls lo-sk mx su fr VD GR L	VD GR L	Mollisols, Udolls, Hapludolls, Typic Hapludolls, loamy-skeletal, mixed, superactive, frigid, udic, udic	10
881	Typic Hapludolls lo-sk mx su fr VD SCL	VD SCL	Mollisols, Udolls, Hapludolls, Typic Hapludolls, loamy-skeletal, mixed, superactive, frigid, udic, udic	10
882				3.40282E+38
883	Typic Haplocryepts lo-sk mx su VD GR L	VD GR L	Inceptisols, Cryepts, Haplocryepts, Typic Haplocryepts, loamy-skeletal, mixed, cryic, udic, udic	30
884	Typic Haplocryalfs lo-sk mx su VD SCL	VD SCL	Alfisols, Cryalfs, Haplocryalfs, Typic Haplocryalfs, loamy-skeletal, mixed, superactive, cryic, udic, udic	10
885	Typic Argicryolls cy-sk sm VD GR L	VD GR L	Mollisols, Cryolls, Argicryolls, Typic Argicryolls, clayey-skeletal, smectic, cryic, udic, udic	10
886	Typic Haplocryalfs lo-sk mx su VD GR SCL	VD GR SCL	Alfisols, Cryalfs, Haplocryalfs, Typic Haplocryalfs, loamy-skeletal, mixed, superactive, cryic, udic, udic	10
888	Typic Hapludalfs filo mx su fr VD SL	VD SL	Alfisols, Udalfs, Hapludalfs, Typic Hapludalfs, fine-loamy, mixed, superactive, frigid, udic, udic	30
889	Pachic Argiudolls lo-sk mx su fr VD L	VD L	Mollisols, Udolls, Argiudolls, Pachic Argiudolls, loamy-skeletal, mixed, frigid, udic, udic	25
890	Typic Argiudolls cy-sk sm fr VD GR SL	VD GR SL	Mollisols, Udolls, Argiudolls, Typic Argiudolls, clayey-skeletal, smectic, frigid, udic, udic	43
891	Vitrandic Hapludalfs as-sk gl fr VD GR SL	VD GR SL	Alfisols, Udalfs, Hapludalfs, Vitrandic Hapludalfs, ashy-skeletal, glassy, frigid, udic, udic	30
892	Vitrandic Hapludalfs as-sk gl fr VD SL	VD SL	Alfisols, Udalfs, Hapludalfs, Vitrandic Hapludalfs, ashy-skeletal, glassy, frigid, udic, udic	40
894	Vitrandic Haplocryalfs fism VD SCL	VD SCL	Alfisols, Cryalfs, Haplocryalfs, Vitrandic Haplocryalfs, fine, smectitic, cryic, udic, udic	30
896	Vitrandic Haplocryalfs as gl VD SL	VD SL	Alfisols, Cryalfs, Haplocryalfs, Vitrandic Haplocryalfs, ashy, glassy, cryic, udic, udic	45
897	Vitrandic Eutrocryepts as-sk gl VD STV L	VD STV L	Inceptisols, Cryepts, Eutrocryepts, Vitrandic Eutrocryepts, ashy-skeletal, glassy, cryic, udic, udic	45
898	Vitrandic Haplocryalfs as-sk gl VD SL	VD SL	Alfisols, Cryalfs, Haplocryalfs, Vitrandic Haplocryalfs, ashy-skeletal, glassy, cryic, udic, udic	30
899	Vitrandic Hapludolls as-sk gl fr VD CBV L	VD CBV l	Mollisols, Udolls, Hapludolls, Vitrandic Hapludolls, ashy-skeletal, not used, glassy, not used, not used,not used, frigid, udic, udic	10
900				3.40282E+38

MAP_UNIT_SYMBOL	First_SOIL_CLASS3	First_SOIL_CLASS_PHASE3	First_SOIL_TAXONOMY3	Min_SOIL_PCT3
829	Typic Endoaquolls lo-sk mx su fr VD L VPD	VD L VPD	Mollisols, Aquolls, Endoaquolls, Typic Endoaquolls, loamy-skeletal, mixed, superactive, frigid, aquic, aquic	3
830	Fluvaquentic Endoaquolls s-sk mx fr VD L PD	VD L PD	Mollisols, Aquolls, Endoaquolls, Fluvaquentic Endoaquolls, sandy-skeletal, mixed, frigid, aquic, aquic	10
831	Vertic Argialbolls cy/s-sk sm fr VD L SPD	VD L SPD	Mollisols, Albolls, Argialbolls, Vertic Argialbolls, clayey over sandy or sandy-skeletal, smectitic, frigid, aquic, aquic	10
833	Typic Endoaquolls lo-sk mx su fr VD L VPD	VD L VPD	Mollisols, Aquolls, Endoaquolls, Typic Endoaquolls, loamy-skeletal, mixed, superactive, frigid, aquic, aquic	5
834	Pachic Haplustolls lo-sk mx su fr VD L	VD L	Mollisols, Ustolls, Haplustolls, Pachic Haplustolls, loamy-skeletal, mixed, superactive, frigid, ustic, ustic	5
835	Pachic Hapludolls filo mx su fr VD L	VD L	Mollisols, Udolls, Hapludolls, Pachic Hapludolls, fine-loamy, mixed, frigid, udic, udic	15
836	Typic Argiudolls filo mx su fr VD SL	VD SL	Mollisols, Udolls, Argiudolls, Typic Argiudolls, fine-loamy, mixed, superactive, frigid, udic, udic	5
837	Aquic Haplustolls filo mx su fr VD L SPD	VD L SPD	Mollisols, Ustolls, Haplustolls, Aquic Haplustolls, fine-loamy, mixed, superactive, frigid, ustic, ustic	8
839	Typic Argiudolls filo mx su fr VD L	VD L	Mollisols, Udolls, Argiudolls, Typic Argiudolls, fine-loamy, mixed, superactive, frigid, udic, udic	3
840	Pachic Argiudolls lo-sk mx su fr VD L	VD L	Mollisols, Udolls, Argiudolls, Pachic Argiudolls, loamy-skeletal, mixed, frigid, udic, udic	18
841	Vitrandic Haplustalfs as-sk gl fr VD SL	VD SL	Alfisols, Ustalfs, Haplustalfs, Vitrandic Haplustalfs, ashy-skeletal, glassy, frigid, ustic, ustic	3
842	Vitrandic Haplustolls as-sk gl fr VD L	VD L	Mollisols, Ustolls, Haplustolls, Vitrandic Haplustolls, ashy-skeletal, glassy, frigid, ustic, ustic	3
843	Typic Palecryolls cy-sk sm VD L MWD	VD L MWD	Mollisols, Cryolls, Palecryolls, Typic Palecryolls, clayey-skeletal, smectic, cryic, udic, udic	5
844	Vitrandic Haplustolls as-pum gl fr VD SL	VD SL	Mollisols, Ustolls, Haplustolls, Vitrandic Haplustolls, ashy-pumiceous, glassy, frigid, ustic, ustic	10
846	Vitrandic Haplustolls as-pum gl fr VD SL	VD SL	Mollisols, Ustolls, Haplustolls, Vitrandic Haplustolls, ashy-pumiceous, glassy, frigid, ustic, ustic	18
847	Vitrandic Hapludalfs as gl fr VD SL	VD SL	Alfisols, Udalfs, Hapludalfs, Vitrandic Hapludalfs, ashy, glassy, frigid, udic, udic	15
848	Vitrandic Haplustolls as gl fr VD SL	VD SL	Mollisols, Ustolls, Haplustolls, Vitrandic Haplustolls, ashy, glassy, frigid, ustic, ustic	5
849	Typic Argiustolls filo mx su fr VD L	VD L	Mollisols, Ustolls, Argiustolls, Typic Argiustolls, fine-loamy, mixed, superactive, frigid, ustic, ustic	5
850	Argic Cryaquolls cy-sk sm VD CL PD	VD CL PD	Mollisols, Aquolls, Cryaquolls, Argic Cryaquolls, clayey-skeletal, smectic, cryic, aquic, aquic	3
851	Pachic Argicryolls lo-sk mx su VD L	VD L	Mollisols, Cryolls, Argicryolls, Pachic Argicryolls, loamy-skeletal, mixed, superactive, cryic, udic, udic	20
852	Pachic Haplocryolls frag su fr VD GR L	VD GR L	Mollisols, Cryolls, Haplocryolls, Pachic Haplocryolls, fragmental,cryic, udic, udic	15
853				3.40282E+38
854	Vitrandic Haplocryolls as-sk gl VD CBV L	VD CBV L	Mollisols, Cryolls, Haplocryolls, Vitrandic Haplocryolls, ashy-skeletal, glassy, cryic, udic, udic	5
858	Vitrandic Haplocryalfs as-sk gl VD SCL	VD SCL	Alfisols, Cryalfs, Haplocryalfs, Vitrandic Haplocryalfs, ashy-skeletal, glassy, cryic, udic, udic	20
859	Vitrandic Haplocryolls as-sk gl VD CBV L	VD CBV L	Mollisols, Cryolls, Haplocryolls, Vitrandic Haplocryolls, ashy-skeletal, glassy, cryic, udic, udic	10
860				3.40282E+38
861	Vitrandic Hapludalfs as gl fr VD SL	VD SL	Alfisols, Udalfs, Hapludalfs, Vitrandic Hapludalfs, ashy, glassy, frigid, udic, udic	15
862	Vitrandic Hapludalfs as gl fr VD GR SL	VD GR SL	Alfisols, Udalfs, Hapludalfs, Vitrandic Hapludalfs, ashy, glassy, frigid, udic, udic	13
863	Vitrandic Hapludalfs as-sk gl fr VD L	VD L	Alfisols, Udalfs, Hapludalfs, Vitrandic Hapludalfs, ashy-skeletal, glassy, frigid, udic, udic	5
864	Vitrandic Eutrudepts as gl fr VD GR SL	VD GR SL	Inceptisols, Udepts, Eutrudepts, Vitrandic Eutrudepts, ashy, glassy, frigid, udic, udic	20
865	Rockoutcrop			10
866	Vitrandic Hapludolls as gl sh fr GR SL	GR SL	Mollisols, Udolls, Hapludolls, Vitrandic Hapludolls, ashy, glassy, frigid, udic, udic	10
867	Vitrandic Eutrudepts as-sk gl fr VD CB SL	VD CB SL	Inceptisols, Udepts, Eutrudepts, Vitrandic Eutrudepts, ashy-skeletal, glassy, frigid, udic, udic	5
868	Alfic Argiustolls fism fr VD L	VD L	Mollisols, Ustolls, Argiustolls, Alfic Argiustolls, fine, smectitic, frigid, ustic, ustic	13
869	Typic Haplustalfs lo-sk mx su fr VD GR L	VD L	Alfisols, Ustalfs, Haplustalfs, Typic Haplustalfs, loamy-skeletal, mixed, superactive, frigid, ustic, ustic	5
870	Vitrandic Argiustolls as-sk gl fr VD L	VD L	Mollisols, Ustolls, Argiustolls, Vitrandic Argiustolls, ashy-skeletal, glassy, frigid, ustic, ustic	5
871	Vitrandic Hapludolls as gl fr VD L	VD L	Mollisols, Udolls, Hapludolls, Vitrandic Hapludolls, ashy, glassy, frigid, udic, udic	5
873	Rockoutcrop			3
875	Vitrandic Argiudolls as gl fr VD SL	VD SL	Mollisols, Udolls, Argiudolls, Vitrandic Argiudolls, ashy, glassy, frigid, udic, udic	10
877	Vitrandic Hapludolls as gl fr VD L	VD L	Mollisols, Udolls, Hapludolls, Vitrandic Hapludolls, ashy, glassy, frigid, udic, udic	15
878				3.40282E+38
879	Typic Argiudolls lo-sk mx su fr VD GR SCL	VD GR SCL	Mollisols, Udolls, Argiudolls, Typic Argiudolls, loamy-skeletal, mixed, superactive, frigid, udic, udic	5
881	Typic Eutrudepts lo-sk mx su fr VD L	VD L	Inceptisols, Udepts, Eutrudepts, Typic Eutrudepts, loamy-skeletal, mixed, superactive, frigid, udic, udic	5
882				3.40282E+38
883	Typic Haplocryepts filo mx su VD SCL	VD SCL	Inceptisols, Cryepts, Haplocryepts, Typic Haplocryepts, fine-loamy, mixed, superactive, cryic, udic, udic	5
884				3.40282E+38
885				3.40282E+38
886				3.40282E+38
888	Typic Haplustalfs lo-sk mx su fr VD GR SL	VD GR SL	Alfisols, Ustalfs, Haplustalfs, Typic Haplustalfs, loamy-skeletal, mixed, superactive, frigid, ustic, ustic	10
889	Pachic Argiudolls cy-sk sm fr VD L	VD L	Mollisols, Udolls, Argiudolls, Pachic Argiudolls, clayey-skeletal, smectic, frigid, udic, udic	15
890	Typic Argiudolls lo-sk mx su fr VD SCL	VD SCL	Mollisols, Udolls, Argiudolls, Typic Argiudolls, loamy-skeletal, mixed, superactive, frigid, udic, udic	5
891	Vitrandic Hapludalfs as gl fr VD SL	VD SL	Alfisols, Udalfs, Hapludalfs, Vitrandic Hapludalfs, ashy, glassy, frigid, udic, udic	13
892	Vitrandic Hapludalfs as gl fr VD SL	VD SL	Alfisols, Udalfs, Hapludalfs, Vitrandic Hapludalfs, ashy, glassy, frigid, udic, udic	5
894	Vitrandic Haplocryalfs cy-sk sm VD SCL	VD SCL	Alfisols, Cryalfs, Haplocryalfs, Vitrandic Haplocryalfs, clayey-skeletal, smectitic, cryic, udic, udic	15
896	Vitrandic Haplocryepts as-sk gl VD GRV SL	VD GRV SL	Inceptisols, Cryepts, Haplocryepts, Vitrandic Haplocryepts, ashy-skeletal, glassy, cryic, udic, udic	5
897	Vitrandic Haplocryalfs as gl VD SL	VD SL	Alfisols, Cryalfs, Haplocryalfs, Vitrandic Haplocryalfs, ashy, glassy, cryic, udic, udic	3
898	Vitrandic Eutrocryepts as-sk gl VD FSL	VD FSL	Inceptisols, Cryepts, Eutrocryepts, Vitrandic Eutrocryepts, ashy-skeletal, glassy, cryic, udic, udic	15
899				3.40282E+38
900				3.40282E+38

MAP_UNIT_SYMBOL	First_SOIL_CLASS4	First_SOIL_CLASS_PHASE4	First_SOIL_TAXONOMY4	Min_SOIL_PCT4
829	Typic Endoaquolls s-sk mx fr VD L VPD	VD L VPD	Mollisols, Aquolls, Endoaquolls, Typic Endoaquolls, sandy-skeletal, mixed, frigid, aquic, aquic	3
830	Typic Haplofibrists euic frigid VD VPD	VD VPD	Histosols, Fibrists, Haplofibrists, Typic Haplofibrists, euic, frigid, aquic, aquic	3
831	Typic Argialbolls lo-sk mx su fr VD L PD	VD L PD	Mollisols, Albolls, Argialbolls, Typic Argialbolls, loamy-skeletal, mixed, frigid, aquic, aquic	3
833				3.40282E+38
834				3.40282E+38
835	Typic Argiustolls filo mx su fr VD GR SL	VD GR SL	Mollisols, Ustolls, Argiustolls, Typic Argiustolls, fine-loamy, mixed, superactive, frigid, ustic, ustic	5
836				3.40282E+38
837	Vitrandic Haplustolls lo/pum mx/gl su fr VD SL	VD SL	Mollisols, Ustolls, Haplustolls, Vitrandic Haplustolls, loamy over pumiceous or cindery, mixed, glassy,superactive, frigid, ustic, ustic	5
839	Pachic Hapludolls filo/cy mx/sm su fr VD L	VD L	Mollisols, Udolls, Hapludolls, Pachic Hapludolls, fine-loamy over clayey, mixed, smectitic,superactive, frigid, udic, udic	3
840	Typic Hapludolls filo mx su fr VD L	VD L	Mollisols, Udolls, Hapludolls, Typic Hapludolls, fine-loamy, mixed, superactive, frigid, udic, udic	10
841	Vitrandic Haplustolls as gl fr VD SL	VD SL	Mollisols, Ustolls, Haplustolls, Vitrandic Haplustolls, ashy, glassy, frigid, ustic, ustic	3
842				3.40282E+38
843	Pachic Argicryolls filo mx su VD L MWD	VD L MWD	Mollisols, Cryolls, Argicryolls, Pachic Argicryolls, fine-loamy, mixed, superactive, cryic, udic, udic	3
844	Vitrandic Haplustepts as-pum gl fr VD L	VD L	Inceptisols, Ustepts, Haplustepts, Vitrandic Haplusteps, ashy-pumiceous, glassy, frigid, ustic, ustic	3
846	Vitrandic Eutrudepts as-pum gl fr VD SL	VD SL	Inceptisols, Udepts, Eutrudepts, Vitrandic Eutrudepts, ashy-pumiceous, glassy, frigid, udic, udic	5
847	Vitrandic Hapludolls as gl fr VD SL	VD SL	Mollisols, Udolls, Hapludolls, Vitrandic Hapludolls, ashy, glassy, frigid, udic, udic	5
848	Vitrandic Haplustepts as-sk gl fr VD GR SL	VD GR SL	Inceptisols, Ustepts, Haplustepts, Vitrandic Haplusteps, ashy-skeletal, glassy, frigid, ustic, ustic	3
849				3.40282E+38
850	Typic Cryaquolls filo mx su VD L PD	VD L PD	Mollisols, Aquolls, Cryaquolls, Typic Cryaquolls, fine-loamy, mixed, superactive, cryic, aquic, aquic	3
851	Typic Argicryolls lo-sk mx su VD L	VD L	Mollisols, Cryolls, Argicryolls, Typic Argicryolls, loamy-skeletal, mixed, superactive, cryic, udic, udic	5
852	Pachic Haplocryolls filo mx su VD L	VD L	Mollisols, Cryolls, Haplocryolls, Pachic Haplocryolls, fine-loamy, mixed, superactive, cryic, udic, udic	5
853				3.40282E+38
854	Rubbleland			3
858	Vitrandic Haplocryolls as gl VD GR SL	VD GR SL	Mollisols, Cryolls, Haplocryolls, Vitrandic Haplocryolls, ashy, glassy, cryic, udic, udic	5
859				3.40282E+38
860				3.40282E+38
861	Vitrandic Eutrudepts as gl fr VD SL	VD SL	Inceptisols, Udepts, Eutrudepts, Vitrandic Eutrudepts, ashy, glassy, frigid, udic, udic	5
862	Vitrandic Hapludalfs as-sk gl fr VD GR SL	VD GR SL	Alfisols, Udalfs, Hapludalfs, Vitrandic Hapludalfs, ashy-skeletal, glassy, frigid, udic, udic	5
863				3.40282E+38
864	Vitrandic Argiudolls as gl fr VD SL	VD SL	Mollisols, Udolls, Argiudolls, Vitrandic Argiudolls, ashy, glassy, frigid, udic, udic	10
865	Vitrandic Ustorthents as-sk gl fr VD SL	VD SL	Entisols, Orthents, Ustorthents, Vitrandic Ustorthents, ashy-skeletal, glassy, frigid, ustic, ustic	5
866	Vitrandic Hapludolls as-sk gl fr VD GR SL	VD GR SL	Mollisols, Udolls, Hapludolls, Vitrandic Hapludolls, ashy-skeletal, glassy, frigid, udic, udic	3
867	Rockoutcrop			3
868	Pachic Argiudolls lo-sk mx su fr VD CBX L	VD CBX L	Mollisols, Udolls, Argiudolls, Pachic Argiudolls, loamy-skeletal, mixed, superactive, frigid, udic, udic	5
869	Typic Argiustolls cy-sk sm fr MD GRV L	VD GRV L	Mollisols, Ustolls, Argiustolls, Typic Argiustolls, clayey-skeletal, smectic, frigid, ustic, ustic	3
870				3.40282E+38
871				3.40282E+38
873	Vitrandic Argiustolls as-sk gl fr MD SL	MD SL	Mollisols, Ustolls, Argiustolls, Vitrandic Argiustolls, ashy-skeletal, glassy, frigid, ustic, ustic	3
875	Vitrandic Argiudolls as-sk gl fr VD SL	VD CBV L	Mollisols, Udolls, Argiudolls, Vitrandic Argiudolls, ashy-skeletal, not used, glassy, not used,not used, frigid, udic, udic	10
877	Vitrandic Argiudolls as-sk gl fr VD L	VD L	Mollisols, Udolls, Argiudolls, Vitrandic Argiudolls, ashy-skeletal, glassy, frigid, udic, udic	8
878				3.40282E+38
879				3.40282E+38
881				3.40282E+38
882				3.40282E+38
883				3.40282E+38
884				3.40282E+38
885				3.40282E+38
886				3.40282E+38
888	Typic Argiudolls fism fr VD SL	VD SL	Mollisols, Udolls, Argiudolls, Typic Argiudolls, fine, smectitic, frigid, udic, udic	5
889	Pachic Argiudolls fism fr VD L	VD L	Mollisols, Udolls, Argiudolls, Pachic Argiudolls, fine, smectitic, frigid, udic, udic	5
890	Pachic Argiudolls filo mx su fr VD SCL	VD SCL	Mollisols, Udolls, Argiudolls, Pachic Argiudolls, fine-loamy, mixed, superactive, frigid, udic, udic	3
891	Vitrandic Hapludolls as-sk gl fr VD GR SL	VD GR SL	Mollisols, Udolls, Hapludolls, Vitrandic Hapludolls, ashy-skeletal, glassy, frigid, udic, udic	5
892	Vitrandic Eutrudepts as-sk gl fr VD CB SL	VD CB SL	Inceptisols, Udepts, Eutrudepts, Vitrandic Eutrudepts, ashy-skeletal, glassy, frigid, udic, udic	5
894	Vitrandic Argicryolls filo mx su VD GR L	VD GR L	Mollisols, Cryolls, Argicryolls, Vitrandic Argicryolls, fine-loamy, mixed, cryic, udic, udic	5
896				3.40282E+38
897	Vitrandic Haplocryolls as-sk gl VD GRV L	VD GRV L	Mollisols, Cryolls, Haplocryolls, Vitrandic Haplocryolls, ashy-skeletal, glassy, cryic, udic, udic	3
898	Vitrandic Haplocryalfs cy-sk sm VD SL	VD SL	Alfisols, Cryalfs, Haplocryalfs, Vitrandic Haplocryalfs, clayey-skeletal, smectitic, cryic, udic, udic	5
899				3.40282E+38
900				3.40282E+38

MAP_UNIT_SYMBOL	First_SOIL_CLASS5	First_SOIL_CLASS_PHASE5	First_SOIL_TAXONOMY5	Min_SOIL_PCT5	First_SOIL_CLASS6	First_SOIL_CLASS_PHASE6	First_SOIL_TAXONOMY6	Min_SOIL_PCT6	First_PARENT_MATERIAL_CLASS_PCT
829				3.40E+38				3.40E+38	Accumulation of Organic Matter - 90 pct Alluvium from Undifferentiated - 10 pct
830				3.40E+38				3.40E+38	Alluvium from Undifferentiated - 100 pct
831	Typic Argialbolls filo mx su fr VD L SPD	VD L SPD	Mollisols, Albolls, Argialbolls, Typic Argialbolls, fine-loamy, mixed, superactive, frigid, aquic, aquic	3.00E+00				3.40E+38	Alluvium from Undifferentiated - 100 pct
833				3.40E+38				3.40E+38	Alluvium from Undifferentiated - 100 pct
834				3.40E+38				3.40E+38	Alluvium from Undifferentiated - 100 pct
835				3.40E+38				3.40E+38	Alluvium from Undifferentiated - 100 pct
836				3.40E+38				3.40E+38	Alluvium from Undifferentiated - 100 pct
837				3.40E+38				3.40E+38	Alluvium from Undifferentiated - 100 pct
839				3.40E+38				3.40E+38	Lacustrine Sed from Volcaniclastics - 100 pct
840				3.40E+38				3.40E+38	Alluvium from Undifferentiated - 100 pct
841				3.40E+38				3.40E+38	Lacustrine Sed from Diatoms - 100 pct
842				3.40E+38				3.40E+38	Lacustrine Sed from Volcaniclastics - 100 pct
843				3.40E+38				3.40E+38	Lacustrine Sed from Volcaniclastics - 100 pct
844				3.40E+38				3.40E+38	Alluvium from Pumice - 100 pct
846				3.40E+38				3.40E+38	Tephra from Pumice - 100 pct
847				3.40E+38				3.40E+38	Colluvium from Rhyolite/Tuff - 100 pct
848				3.40E+38				3.40E+38	Colluvium from Rhyolite - 100 pct
849				3.40E+38				3.40E+38	Lacustrine Sed from Volcaniclastics - 100 pct
850				3.40E+38				3.40E+38	Alluvium from Undifferentiated - 100 pct
851				3.40E+38				3.40E+38	Alluvium from Undifferentiated - 100 pct
852	Typic Haplocryolls lo-sk mx su VD GR L	VD GR L	Mollisols, Cryolls, Haplocryolls, Typic Haplocryolls, loamy-skeletal, mixed, superactive, cryic, udic, udic	5.00E+00				3.40E+38	Colluvium from Mixed Volcanics - 100 pct
853				3.40E+38				3.40E+38	Colluvium from Tuff - 90 pct Colluvium from Rhyolite - 10 pct
854				3.40E+38				3.40E+38	Colluvium from Tuff - 95 pct
858	Vitrandic Haplocryolls as-sk gl VD GR SL	VD GR SL	Mollisols, Cryolls, Haplocryolls, Vitrandic Haplocryolls, ashy-skeletal, glassy, cryic, udic, udic	5.00E+00				3.40E+38	Colluvium from Rhyolite/Tuff - 100 pct
859				3.40E+38				3.40E+38	Colluvium from Rhyolite/Tuff - 100 pct
860				3.40E+38				3.40E+38	
861				3.40E+38				3.40E+38	Colluvium from Rhyolite/Tuff - 100 pct
862	Vitrandic Eutrudepts as gl fr VD GR SL	VD GR SL	Inceptisols, Udepts, Eutrudepts, Vitrandic Eutrudepts, ashy, glassy, frigid, udic, udic	3.00E+00				3.40E+38	Colluvium from Rhyolite/Tuff - 100 pct
863				3.40E+38				3.40E+38	Colluvium from Rhyolite - 100 pct
864	Vitrandic Hapludolls as gl fr VD SL	VD SL	Mollisols, Udolls, Hapludolls, Vitrandic Hapludolls, ashy, glassy, frigid, udic, udic	3.00E+00				3.40E+38	Colluvium from Rhyolite - 40 pct Tephra from Pumice/Obsidian - 40 pct Alluvium from Pyroclastics - 25 pct
865				3.40E+38				3.40E+38	Colluvium from Rhyolite - 80 pct Residuum from Rhyolite/Tuff - 20 pct
866				3.40E+38				3.40E+38	Residuum from Rhyolite/Tuff - 100 pct
867				3.40E+38				3.40E+38	Colluvium from Rhyolite - 95 pct
868				3.40E+38				3.40E+38	Landslide Deposites from Undifferentiated - 100 pct
869				3.40E+38				3.40E+38	Landslide Deposites from Undifferentiated - 100 pct
870				3.40E+38				3.40E+38	Alluvium from Pyroclastics - 100 pct
871				3.40E+38				3.40E+38	Colluvium from Mixed Volcanics - 100 pct
873				3.40E+38				3.40E+38	Residuum from Rhyolite/Tuff - 95 pct
875	Vitrandic Haplustolls as gl fr VD L	VD L	Mollisols, Ustolls, Haplustolls, Vitrandic Haplustolls, ashy, glassy, frigid, ustic, ustic	5.00E+00	Typic Argiudolls fism fr VD L	VD L	Mollisols, Udolls, Argiudolls, Typic Argiudolls, fine, smectitic, frigid, udic, udic	3.00E+00	Alluvium from Undifferentiated - 100 pct
877	Vitrandic Eutrudepts as-sk gl fr VD SL	VD SL	Inceptisols, Udepts, Eutrudepts, Vitrandic Eutrudepts, ashy-skeletal, glassy, frigid, udic, udic	3.00E+00	Vitrandic Eutrudepts as gl fr VD SL	VD SL	Inceptisols, Udepts, Eutrudepts, Vitrandic Eutrudepts, ashy, glassy, frigid, udic, udic	3.00E+00	Alluvium from Pyroclastics - 100 pct
878				3.40E+38				3.40E+38	Colluvium from Dacite/Andesite - 100 pct
879				3.40E+38				3.40E+38	Colluvium from Dacite/Andesite - 100 pct
881				3.40E+38				3.40E+38	Colluvium from Dacite/Andesite - 100 pct
882				3.40E+38				3.40E+38	Colluvium from Dacite/Andesite - 100 pct
883				3.40E+38				3.40E+38	Colluvium from Dacite/Andesite - 100 pct
884				3.40E+38				3.40E+38	Colluvium from Dacite/Andesite - 100 pct
885				3.40E+38				3.40E+38	Colluvium from Dacite/Andesite - 100 pct
886				3.40E+38				3.40E+38	Colluvium from Dacite/Andesite - 100 pct
888	Typic Argiudolls lo-sk mx su fr VD SCL	VD SCL	Mollisols, Udolls, Argiudolls, Typic Argiudolls, loamy-skeletal, mixed, superactive, frigid, udic, udic	5.00E+00				3.40E+38	Landslide Deposites from Undifferentiated - 100 pct
889	Pachic Argiudolls filo mx su fr VD L	VD L	Mollisols, Udolls, Argiudolls, Pachic Argiudolls, fine-loamy, mixed, superactive, frigid, udic, udic	5.00E+00				3.40E+38	Landslide Deposites from Undifferentiated - 100 pct
890				3.40E+38				3.40E+38	Landslide Deposites from Undifferentiated - 100 pct
891	Vitrandic Eutrudepts as-sk gl fr VD SL	VD SL	Inceptisols, Udepts, Eutrudepts, Vitrandic Eutrudepts, ashy-skeletal, glassy, frigid, udic, udic	3.00E+00				3.40E+38	Colluvium from Rhyolite/Tuff - 100 pct
892				3.40E+38				3.40E+38	Colluvium from Rhyolite/Tuff - 100 pct
894				3.40E+38				3.40E+38	Landslide Deposites from Undifferentiated - 100 pct
896				3.40E+38				3.40E+38	Colluvium from Rhyolite/Tuff - 100 pct
897				3.40E+38				3.40E+38	Colluvium from Rhyolite/Tuff - 100 pct
898				3.40E+38				3.40E+38	Colluvium from Tuff - 100 pct
899				3.40E+38				3.40E+38	Colluvium from Mixed Volcanics - 100 pct
900				3.40E+38				3.40E+38