

EXPLANATION

Assemblages specific to felsic rocks

	Propylitic
	Propylitic to weak sericitic
	Weak sericite-pyrite
	Quartz sericite-pyrite
	Silicified with pyrophyllite
	Ferricrete

Late stage clay alteration (symbols overlain on the felsic rock assemblages)

WA	Weak argillic overprint
A	Argillic overprint
LC	Chlorite and kaolinite overprint
	Example: Propylitic to weak sericitic with late argillic alteration

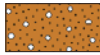
Assemblages specific to amphibolites

	Propylitic-altered amphibolite
	High propylitic-altered amphibolite
	Argillic-altered amphibolite
	Propylitic-altered amphibolite with quartz veinlets and associated epidote

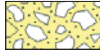
Mixed alteration assemblages

	Mix of propylitic altered amphibolite and weak sericite-pyrite altered felsic rocks
	Mix of variably altered amphibolite and quartz-sericite-pyrite altered felsic rocks
	Mix of propylitic to weak sericitic and qsp altered rocks
	Mix of propylitic to weak sericitic and qsp altered rocks; all weak argillic overprint
	Mix of propylitic to weak sericitic and qsp altered rocks; all with argillic overprint

Quaternary surficial deposits

	Soil
	Ferricrete

Tertiary intrusions and breccias

	Breccia lithologies undifferentiated
	Dacite to low-silica rhyolite/granite intrusions and dikes
	Plagioclase-biotite dacite to andesite porphyry dikes

Precambrian rocks

	Pegmatite
	Biotite-sillimanite-quartz gneiss and porphyroblastic gneiss
	Biotite-sillimanite-quartz gneiss and porphyroblastic gneiss intermingled with or cut by pegmatite
	Biotite-sillimanite-quartz gneiss and porphyroblastic gneiss and/or feldspar-biotite-quartz gneiss
	Amphibolite and pegmatite
	Amphibolite
	Foliated Felsite; may include feldspar-biotite-quartz gneiss
	Felsite with intervals of feldspar-biotite-quartz gneiss

Lithology, Alteration Types, and Mineralogy (WP1)



Figure 4. Core logs showing lithology, alteration assemblages, and quantitative mineralogy in drill holes *A*, WP1. *B*, WP2. *C*, WP3. *D*, WP4. *E*, HCBW1. *F*, HCBW3. See Appendix A for key to all lithology and alteration types.

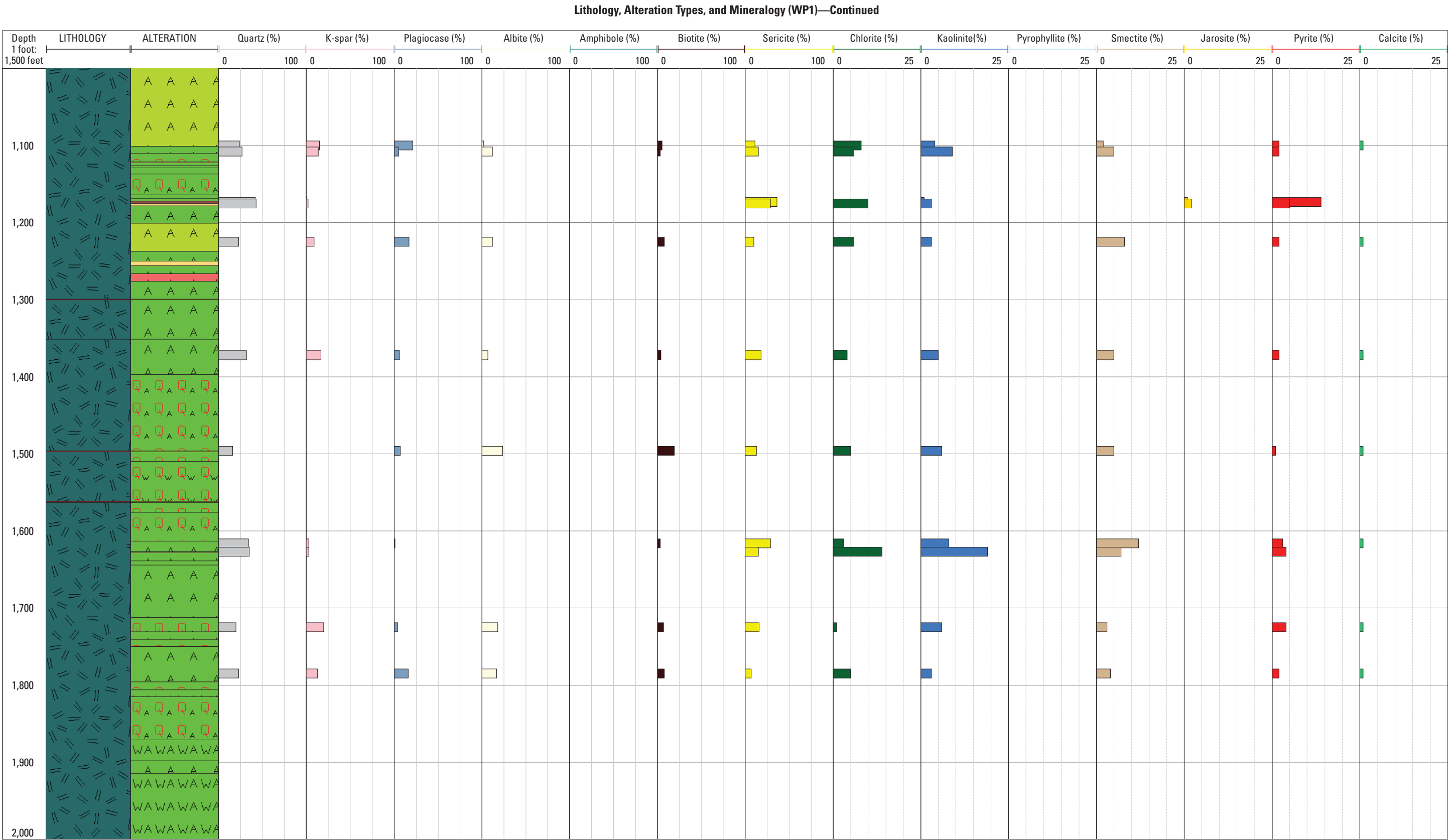


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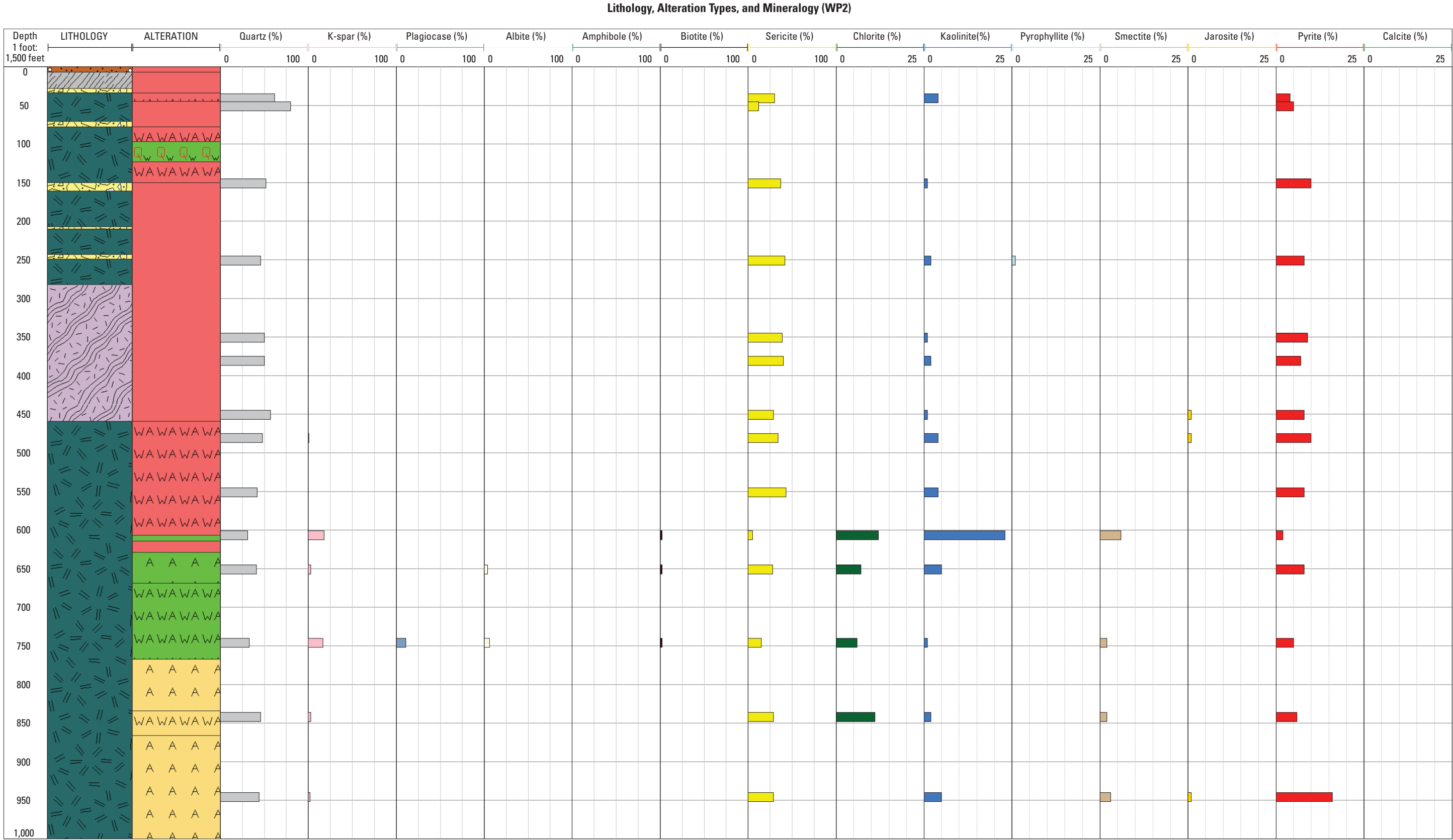


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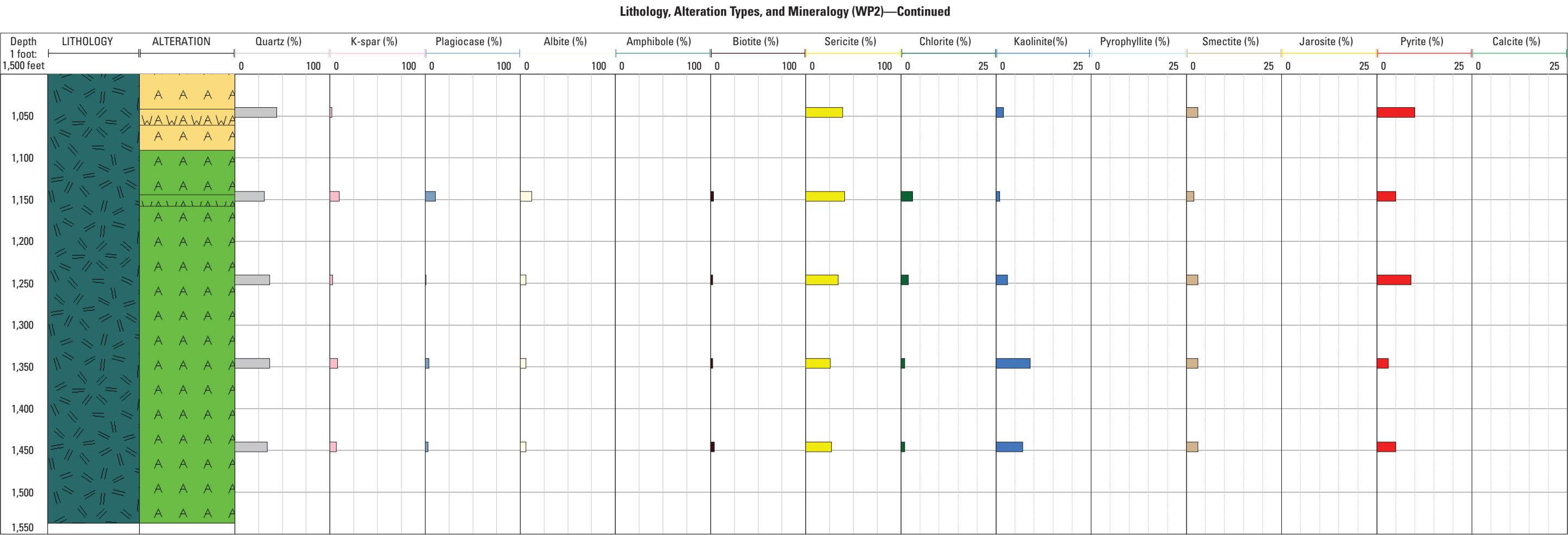


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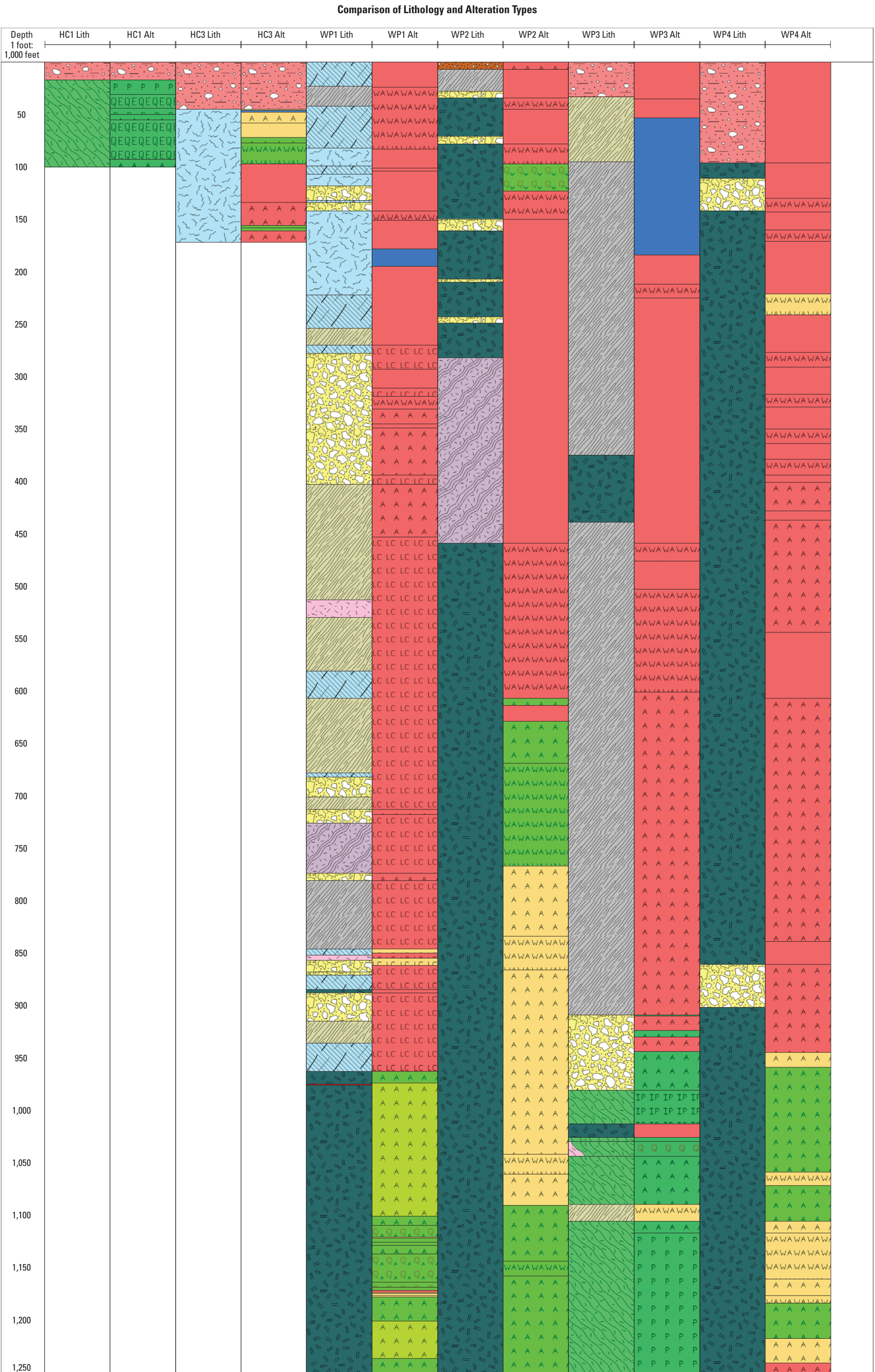


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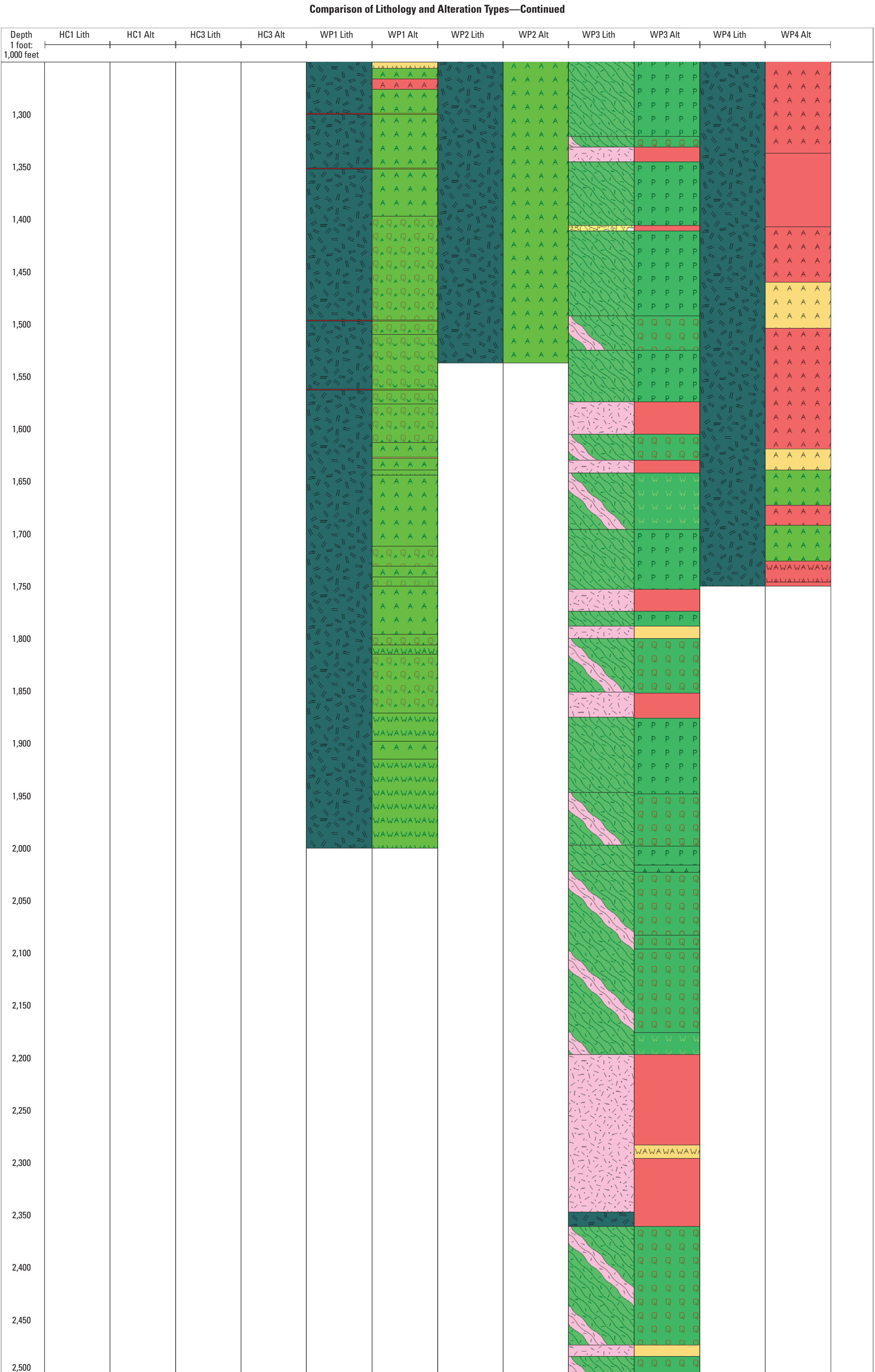


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Comparison of Lithology and Alteration Types—Continued

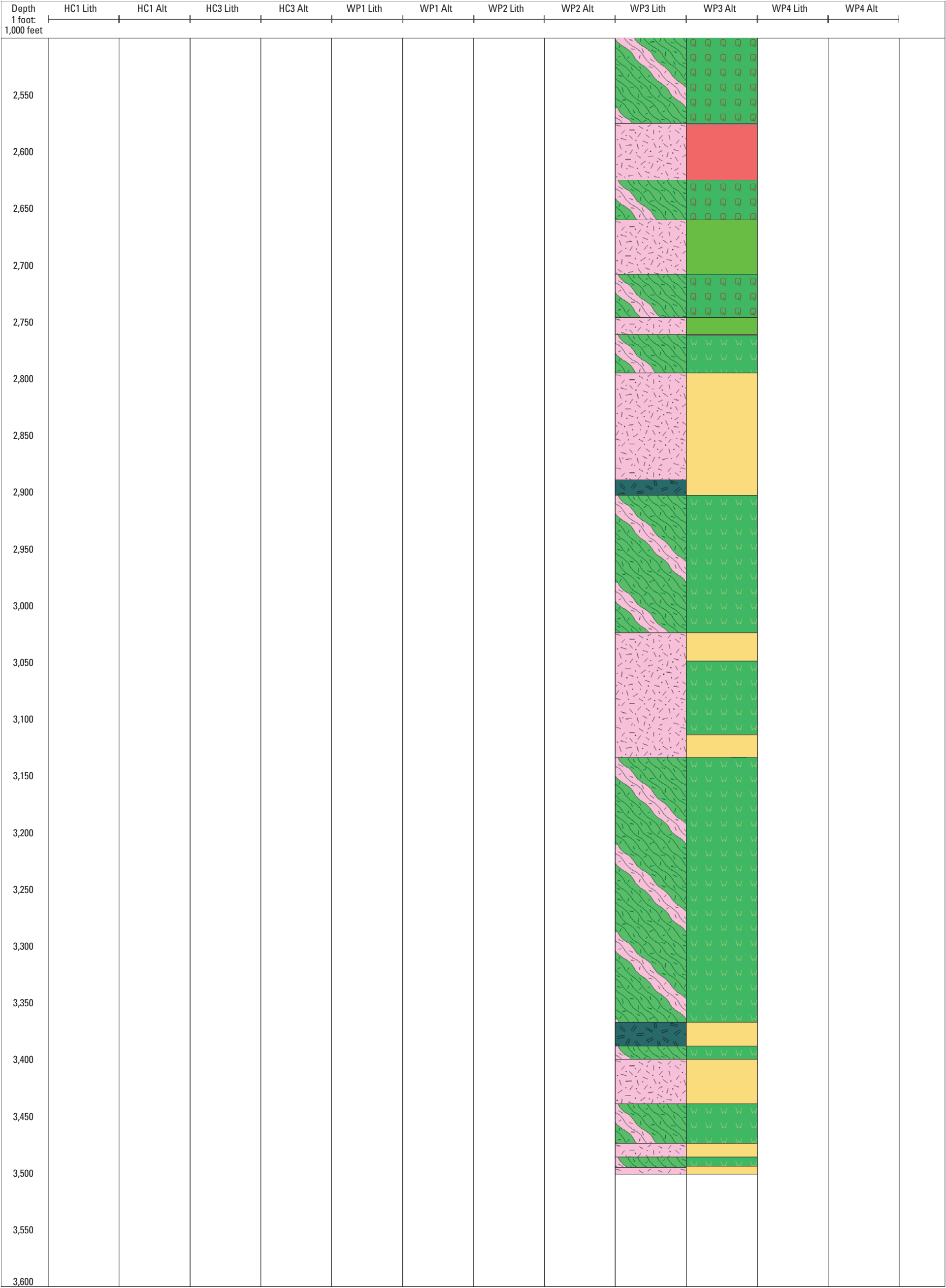


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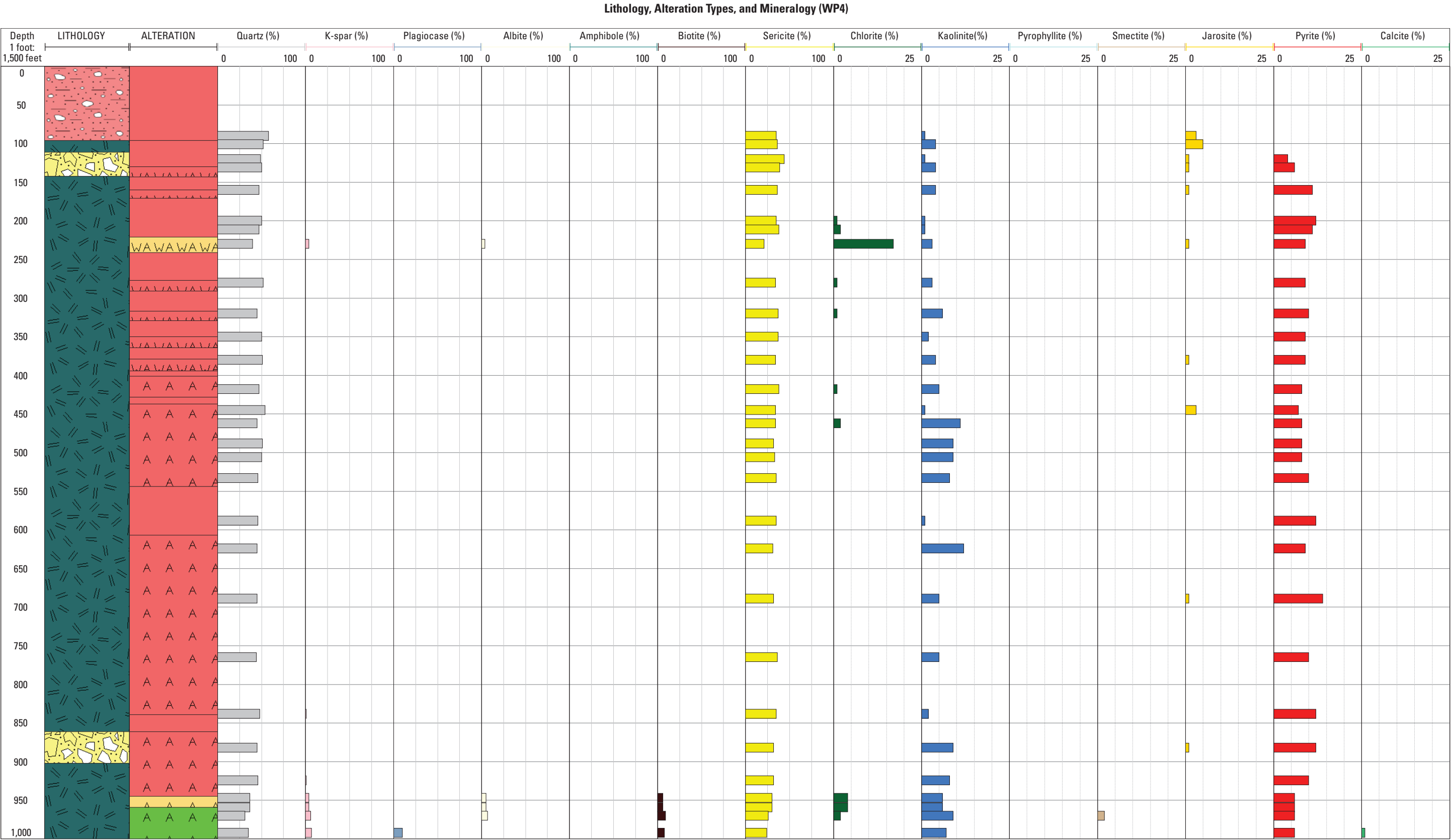


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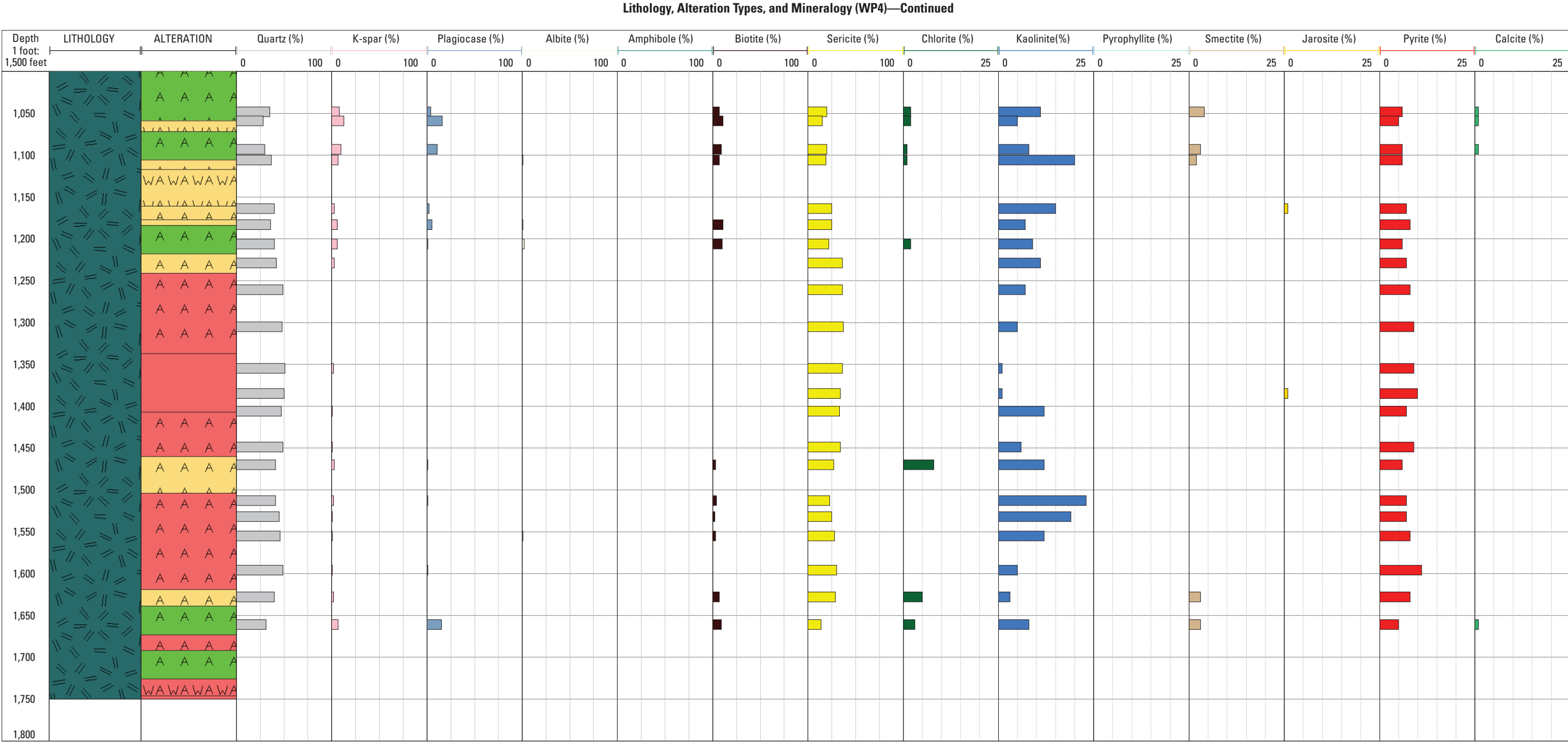


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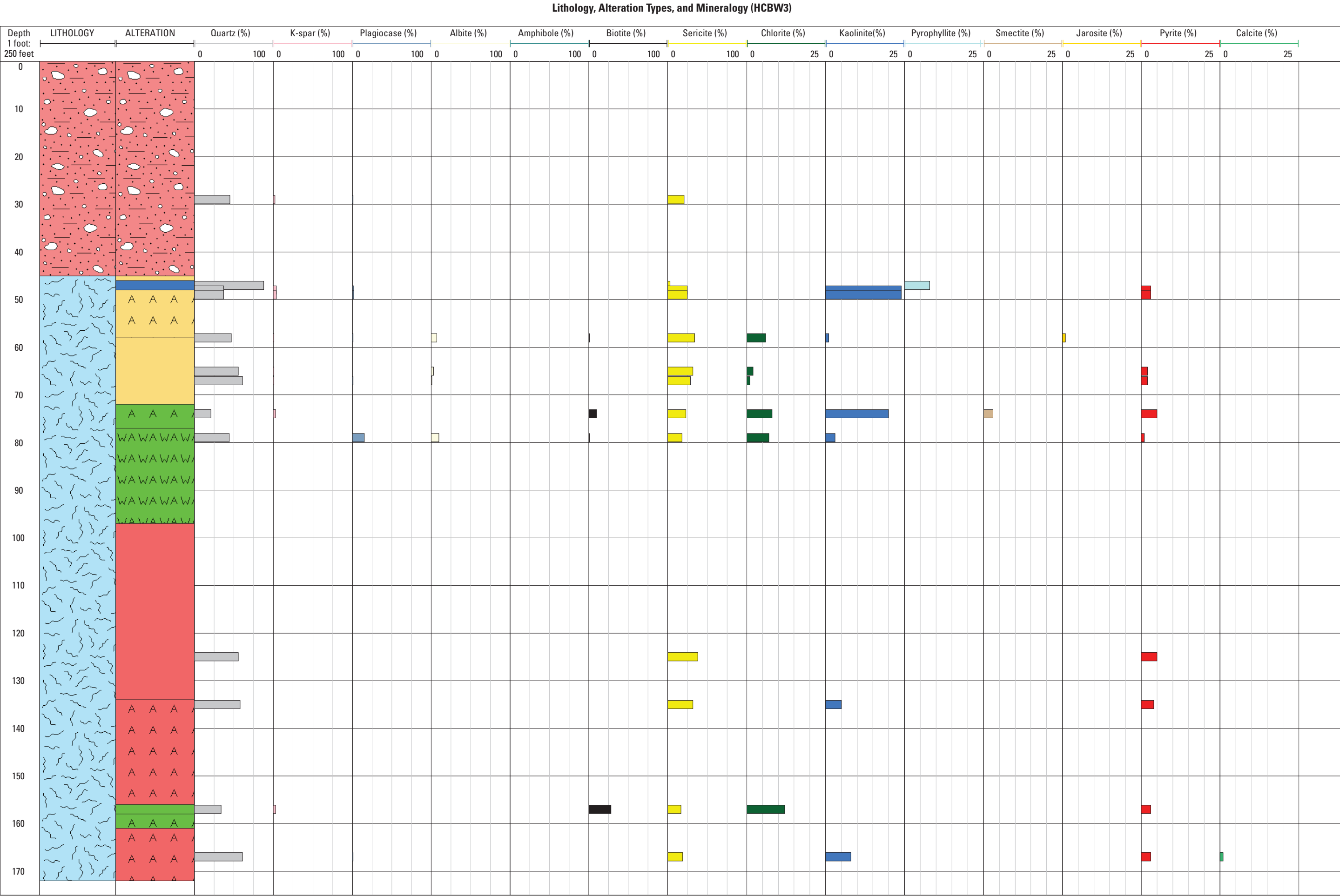


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