

Method	Rapid?	Accurate?	Sensor cost?	Developed?	Field use?	Active source?
SOC						
Colour	yes	no	\$	yes	yes	no
vis–NIR	yes	yes	\$–\$\$	yes	yes	no
mid-IR	yes	yes	\$\$	yes	?	no
LIBS	yes	yes	\$\$–\$\$\$	yes	?	no
INS	yes	yes	\$\$\$	no	yes	yes
Bulk density						
vis–NIR, mid-IR	yes	no	\$–\$\$	yes	yes	no
AGA transmission	yes	yes	\$	yes	yes	yes
AGA backscatter	yes	no	\$	yes	yes	yes
CT	no	?	\$\$\$	no	no	yes
Gravel						
Wet sieve and image analysis	yes	yes	\$	no	yes	no
CT	no	?	\$\$\$	no	no	yes