

The following are the methods used for the analysis of the soils from the NPS Rocky Mountain Inventory and Monitoring Project

				Method		
Test		Method		number		Reference
pH		Saturated paste		21a		3, p. 102
Organic matter		Modified Walkely Black		NA		2, pp. 995-996
Ammonium nitrogen		Extract with 2M KCl,		NA		2, pp. 1146-1162
		analyze by FIA				
Nitrate nitrogen		Extract with 2M KCl,		NA		2, pp. 1146-1162
		analyze by FIA				
Extractable P		Extract with AB-DTPA		NA		2,pp. 897-898
		Analyze colorimetrically				
Extractable K		Extract with AB-DTPA		NA		2, pp. 91-140
		Analyze by ICP				
Extractable Ca, Mg		Extract with NH <sub>4</sub> OAC		5C1		4, pp. 213
		Analyze by ICP				
Sulfate S		MCP extraction		NA		2, pp. 938-941
		Analyze by ICP				
CEC		Measure Na: Account for		NA		2, pp. 1201-1230
		entrained Na with NO <sub>2</sub>				
Bulk Density		clod		13-4		1, pp. 371-373
Texture		Hydrometer		15-4		1, pp. 404-407
Total N		Leco TruSpec CN furnace		NA		2, pp. 1085-1122
Total C		Leco TruSpec CN furnace		NA		2, pp.967-977