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Geochemistry of Chromium in the Earth's Mantle

 Springer

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Contents

1 Introduction	1
References	2
2 Basics of Geochemistry and Mineralogy of Chromium	5
2.1 High-Pressure Chromium-Bearing Phases in the Earth's Mantle	12
2.1.1 (Mg,Fe)Cr ₂ O ₄ Polymorphs	13
2.1.2 Majoritic and Knorringitic Garnets	15
2.1.3 Clinopyroxenes	21
2.1.4 Olivine and Its Polymorphs	22
2.1.5 High-Pressure (Mg,Fe)SiO ₃ Polymorphs	24
2.1.6 Other Chromium-Bearing Phases in the Earth's Mantle	25
2.2 Cr-Rich Rocks and Mechanisms of Cr Concentration in the Earth's Mantle	26
References	29
3 Experimental Study of Cr-Bearing Phases at High Pressures	37
3.1 Experimental and Analytical Techniques	37
3.1.1 Multi-anvil Apparatus	37
3.1.2 Toroidal ("Anvil-with-Hole") Apparatus	39
3.1.3 Analytical Procedures	41
3.2 Review of the Experimental Data	43
3.2.1 Systems with High-Pressure Components of Garnets	43
3.2.2 Influence of Cr and Other Minor Elements on Mg ₂ SiO ₄ Polymorphs	47
3.3 Experimental Study of the Model System SiO ₂ -MgO-Cr ₂ O ₃ Under the Mantle <i>P-T</i> Parameters	48
3.3.1 Mg ₄ Si ₄ O ₁₂ -Mg ₃ Cr ₂ Si ₃ O ₁₂ Section at 10-24 GPa and 1600 °C	49
3.3.2 Mg ₂ SiO ₄ -MgCr ₂ O ₄ Section at 10-24 GPa and 1600 °C ...	59

3.3.3	Mg ₄ Si ₄ O ₁₂ –MgCr ₂ O ₄ Section at 10–24 GPa and 1600 °C and General Topology of the SiO ₂ –MgO–Cr ₂ O ₃ System Under the Mantle P–T Parameters	73
3.4	Experimental Study of Multicomponent Systems with Cr-Bearing Phases at High P–T Parameters	77
3.4.1	Influence of Minor Al Concentrations on Crystallization of Garnet in the Majorite-Knorringtonite System	77
3.4.2	Crystallization of Knorringtonite Garnet in the Pyrolite System	84
	References	87
4	Structural Patterns of Cr-Bearing Phases and the Influence of Chromium on the Solid Solutions of the Major Mantle Minerals and Phase Transitions	91
4.1	Crystal Chemistry of Cr-Rich Mantle Phases	91
4.2	Influence of Chromium on Structural Patterns of Mantle Phases and Phase Transitions	102
	References	107
5	Implication of Experimental Results to Geochemistry of Cr in the Earth's Mantle	111
	References	123
6	Conclusion	127

Abbreviations

<i>Ak</i>	Akimotoite (MgSiO_3 with ilmenite-type structure)
<i>Al-Ak</i>	Aluminum-rich akimotoite
<i>Al-Brd</i>	Aluminum-rich bridgmanite
<i>Al-Grt</i>	Al-rich garnet
<i>Al-Maj</i>	Al-rich majorite
<i>anhB</i>	Anhydrous phase B
<i>Brd</i>	Bridgmanite (MgSiO_3 with perovskite-type structure)
<i>Cf</i>	Phase with calcium ferrite-type structure
<i>Chr</i>	Chromite
<i>CPrv</i>	CaSiO_3 perovskite
<i>CPx</i>	Monoclinic pyroxene
<i>Cr-Ak</i>	Chromium-rich akimotoite
<i>Cr-Brd</i>	Chromium-rich bridgmanite
<i>Cr-Grt</i>	Cr-rich garnet
<i>Crm</i>	Corundum
<i>Ct</i>	MgCr_2O_4 with calcium titanate-type structure
<i>Du</i>	Dunite
<i>En</i>	Enstatite
<i>Esk</i>	Eskolaite (Cr_2O_3)
<i>Fo</i>	Forsterite
<i>fPer</i>	Ferropericlase
<i>Grt</i>	Garnet
<i>Harz</i>	Harzburgite
<i>Ilm</i>	Ilmenite
<i>Knr</i>	Knorringite ($\text{Mg}_3\text{Cr}_2\text{Si}_3\text{O}_{12}$)
<i>Lherz</i>	Lherzolite
<i>Maj</i>	Majorite ($\text{Mg}_4\text{Si}_4\text{O}_{12}$)
<i>MChr</i>	Magnesiochromite
<i>mCt</i>	$\text{Mg}(\text{Mg},\text{Cr})(\text{Mg},\text{Si})\text{O}_4$ phase with modified calcium titanate-type structure

<i>mLd</i>	Mg ₂ Cr ₂ O ₅ with modified ludwigite-type structure
<i>MPrv</i>	MgSiO ₃ perovskite
<i>Ol</i>	Olivine
<i>OPx</i>	Orthorhombic pyroxene
<i>Per</i>	Periclase
<i>Prp</i>	Pyrope (Mg ₃ Al ₂ Si ₃ O ₁₂)
<i>Px</i>	Pyroxene
<i>Rgw</i>	Ringwoodite
<i>Rt</i>	Rutile
<i>Sp</i>	Spinel
<i>Sti</i>	Stishovite
<i>Uv</i>	Uvarovite
<i>Wad</i>	Wadsleyite
<i>Wehr</i>	Wehrlite