

CONTENTS

1.	INTRODUCTION	1
2.	BASIC PRINCIPLES	10
3.	PRINCIPLES OF TRACE ANALYSIS	32
4.	PRIMARY DISPERSION	45
5.	WEATHERING	74
6.	SOIL FORMATION	91
7.	SECONDARY DISPERSION	114
8.	SECONDAERY DISPERSION PARTTURNS	144
9.	ANOMALIES IN RESIDUAL OVERBURDEN	162
10.	ANOMALIES IN TRANSPORTED OVERBURDEN	184
11.	GEOCHEMICAL SOIL SURVEYS	203
12.	ANOMALIES IN NATURAL WATERS	227
13.	ANOMALIES IN DRAINAGE SEDIMENTS	247
14.	GEOCHEMICAL DRAINAGE SURVEYS	271
15.	VEGETATION	290
16.	GEOCHEMICAL METHODS IN MINERAL EXPLORATION	315
17.	CASE HISTORIES OF INTEGRATED EXPLORATION PROGRAMS	331
18.	CURRENT RESEARCH AND FUTRE TRENDS	348
	APPENDIX. GEOCHEMICAL CHARACTERISTICS OF THE ELEMENTS	359
	Literature Cited	379
	Index of Names	403
	Index of Subjects	409