

**BENCHMARK POSITION DESCRIPTION – BM #12
MINISTRY OF ENERGY, MINES AND PETROLEUM RESOURCES**

1. POSITION TITLE Senior Petroleum Geologist – Coal	2. CLASSIFICATION LEVEL LSO 4
3. DIVISION Oil and Gas	4. BRANCH Resource Development and Geoscience
5. IMMEDIATE SUPERVISOR Manager, Petroleum Geology	6. LOCATION Victoria

Program Function Describe the purpose of the program and organization in which the position operates.

The Branch is responsible for supplying energy and petroleum geology related geoscience expertise for the province. The branch also has the mandate to provide the geological foundation in support of the Ministry Service Plan, provide expert interpretations and advice on provincial oil and gas resources to the public, industry and government stakeholders and promote and encourage the optimal development of the Province's oil and gas resources.

Purpose of Position and Summary of its Functions This may be used for POSTING purposes.

The primary function of this position is to conduct geological projects to investigate, evaluate, develop and promote the fossil fuel resources of the province with particular emphasis on coal bed gas and extending to coal. The position also devises improvements to genetic models, develops and incorporates innovating geological interpretations, models and theories, and provides input into the Section's work plans.

Organizational Structure and Working Environment

The Resource Development and Geoscience Branch is one of five in the Oil and Gas Division. The Senior Petroleum Geologist in Coal and Coalbed Gas is one of seven positions reporting to the Manager, Petroleum Geology. The position functions with considerable independence in developing and delivering geoscience programs that encourage the responsible development of coal and coalbed gas resources in the Province.

Position's Specific Functions and How They Are Performed

- 1. 70% Undertakes regional geological studies and projects by:**
- Proposing and initiating projects pertaining to the delimitation, quantification and assessment of coal beds, coalfields and related coalbed gas extraction
 - Analyzing and evaluating complex geological, geochemical and geophysical aspects of coal and coalbed gas
 - Conducting library research to investigate existing information
 - Carrying out field research to collect and analyze a variety of geological data
 - Undertaking specialized research into facets of coal or coalbed gas geology
 - Supervising auxiliary, temporary and contract staff
 - Storing, retrieving and revising geological mapping data and databases
 - Publishing and presenting results to national and international technical conferences and symposiums
 - Assessing the significance of new coalbed gas discoveries and prioritizing resources

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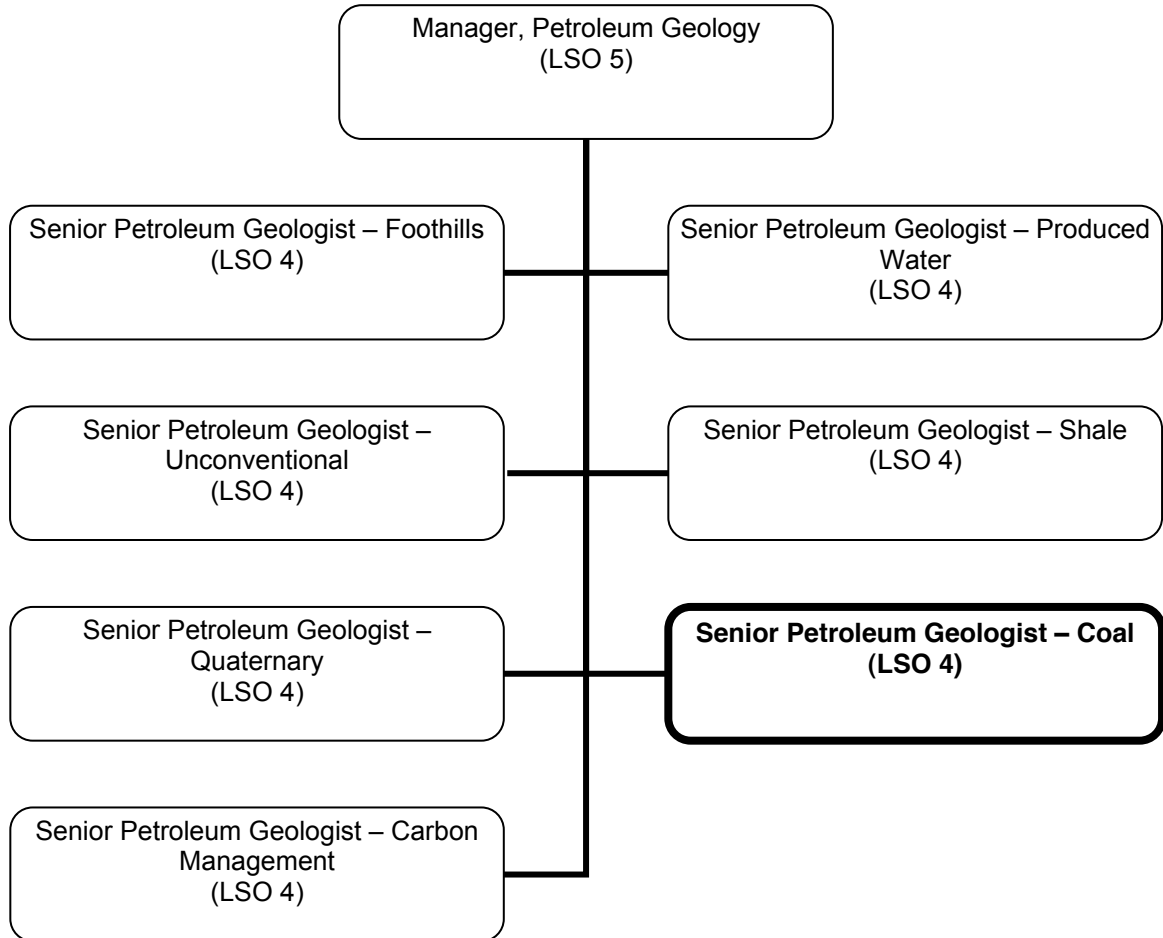
- 2. 15% Developing and incorporating innovative geological interpretations, theories and models by:**
 - Conducting or assisting with original research into aspects of BC's petroleum and coalbed gas geology
 - Maintaining an awareness of advances in coal and coalbed gas related knowledge and techniques
 - Studying evolving techniques and recommending unique applications to coal and coalbed gas related applications

- 3. 10% Participates in planning, organizing and conducting a work plan for the delivery of Branch and Section goals and deliverables by:**
 - Maintaining a budget control system and reporting monthly progress reports to the Manager
 - Assisting in preparing contract specifications
 - Providing technical evaluations of proposals from contractors
 - Recommending contract awards and approving acceptance of contract work
 - Approving payment for contracted works
 - Establishing cooperative working relationships, providing advice and expertise and liaising with ministry staff, and staff from other ministries
 - Assessing computer training and manpower needs and making recommendations to senior management

- 4. 5% Performs other related duties**

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ORGANIZATION CHART – SR. PETROLEUM GEOLOGIST COAL



**BENCHMARK CLASSIFICATION RATIONALE – BM #12
MINISTRY OF ENERGY, MINES AND PETROLEUM RESOURCES**

TITLE: Senior Petroleum Geologist – Coal

LEVEL: LSO 4

DIVISION/BRANCH: Oil and Gas/Resource Development and Geoscience

FACTOR	POINTS
<p><u>PURPOSE OF POSITION</u> The primary focus of this position is to conduct geological projects and studies pertaining to coal and coalbed gas extraction. The position also devises improvements to genetic models, and develops and incorporates innovative geological interpretations, models and theories.</p> <p><u>KNOWLEDGE</u> The work requires a deep knowledge of coal or coalbed gas geology in order to plan, develop and propose geological projects designed to evaluate, develop and promote the fossil fuel resources of the Province. The nature of this work, which is published and presented, and the requirement to develop innovative geological interpretations, theories and models, makes it highly analytical and highly interpretive. The position is required to make many judgments based on advanced education and extensive experience in the field of petroleum geoscience.</p> <p>Requires registration as a Professional Geoscientist.</p>	E(2) 130
<p><u>JUDGEMENT</u></p> <p><u>Originality and Complexity:</u> The position makes major adaptations to previously developed geological assessment methodologies and models, which involves the development of new techniques. The work requires the analysis and interpretation of complex geological, geochemical and geophysical aspects of coal and coalbed gas geology.</p> <p><u>Technical Supervision Received:</u> Most of the position's work, which is predominantly field and project work, is subject to only a very general review. The revisions to genetic models and geological interpretations are subject to a review upon completion for adequacy and completeness.</p>	C3 99
<p><u>ORGANIZATION AND PROGRAM ROLE</u> The primary role of the position is to provide advice and expertise to Ministry staff and staff from other ministries and/or agencies.</p>	II(a) 43
<p><u>ADMINISTRATIVE SUPERVISORY RESPONSIBILITY</u> The position does not administratively supervise any staff.</p>	0

TOTAL POINTS 272

LEVEL	POINT RANGE
1	168 – 203
2	204 – 237
3	238 – 267
<u>4</u>	<u>268 – 295</u>
5	296 – 365