

ENOCH CREE NATION

CLAIM DATA RESEARCH & ANALYSIS

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ENOCH CREE NATION



PROJECT & DATA OVERVIEW

DATA & CLAIMS RESEARCH & ANALYSIS

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CLAIM DATA RESEARCH & ANALYSIS

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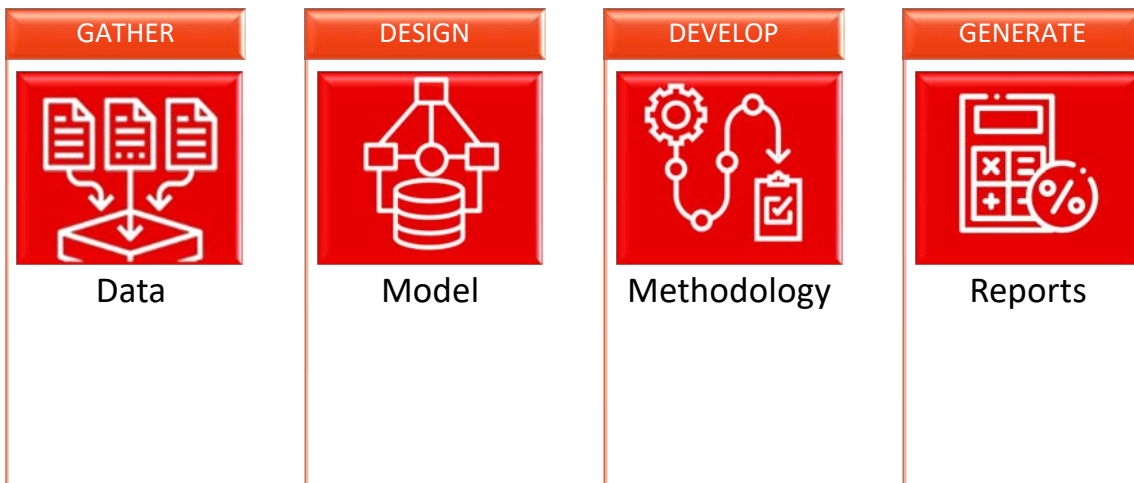
PROJECT



RESEARCH & ANALYSIS PROJECT

1 GuildOne has undertaken an analysis of key resource events, historical oil & gas
2 production and related activities on Enoch Cree Nation and in the lands directly
3 adjacent to Enoch Cree Nation Reserve 135. (ECN135). Analysis & report
4 generation, supported by *established information architecture*, is the objective.

PRIMARY DELIVERY COMPONENTS

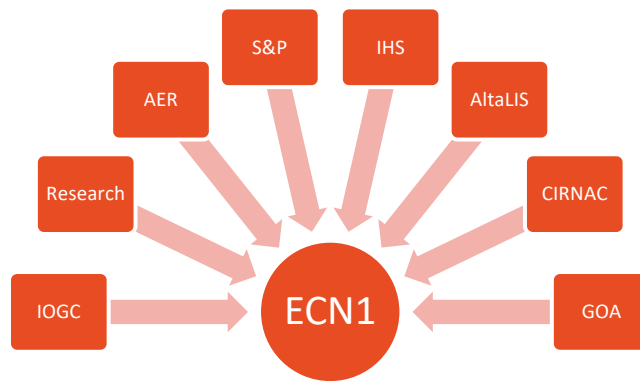


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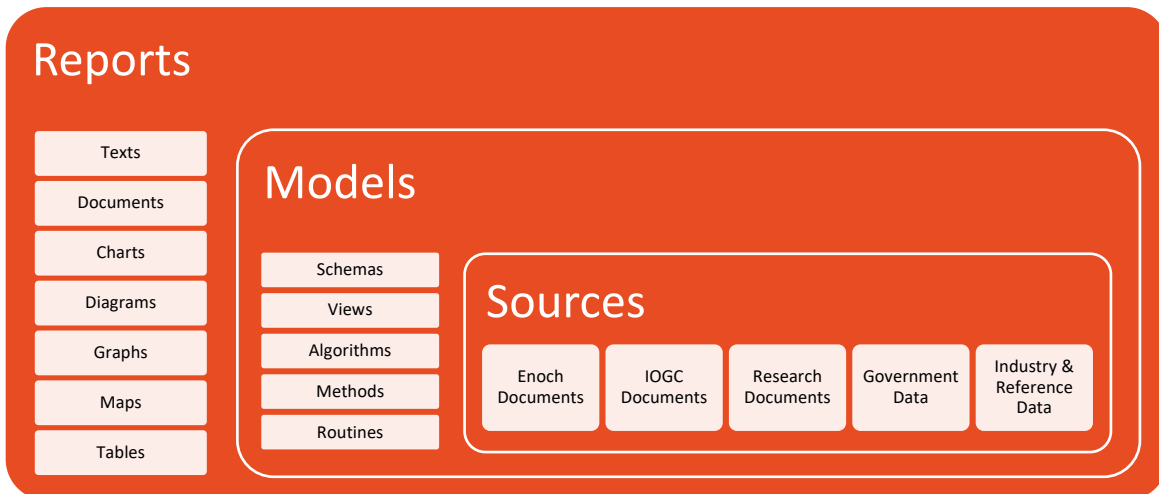
DATA COLLECTION & INFORMATION INTEGRATION

DATA

A project data repository has been created to support the project by integrating and validating data and information from multiple sources



INFORMATION ARCHITECTURE



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1 **MODEL**

2 Several schemas, materialized views and customized data objects are provisioned
3 to create a responsive data layer tailored to the information needs of the project.

4 **METHOD**

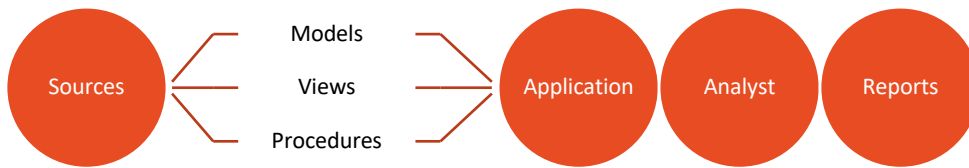
5 Established data queries, algorithms and methodologies provide extraction,
6 transformation and loading capabilities to existing and customized tools and
7 supporting reporting processes and user/analyst requirements.

8 **RESULTS**

9 Automated processing of integrated information is coupled with analyst research
10 and generation to produce project estimates and findings surfaced as reports.

11

DELIVERY FRAMEWORK



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DOCUMENT COLLECTIONS



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3 GuildOne analyzed and curated evidence to support the Enoch oil & gas & resource
 4 claims from three primary sources: Enoch Cree Nation archives, GuildOne research
 5 taken from diverse government, media archives, court documents, and academic
 6 publications, and a large collection of materials received by from IOGC.
 7 Additionally, GuildOne derived supporting materials from a large volume of
 8 correspondence submitted as exhibits in Samson v. Canada.

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10 DOCUMENT USAGE

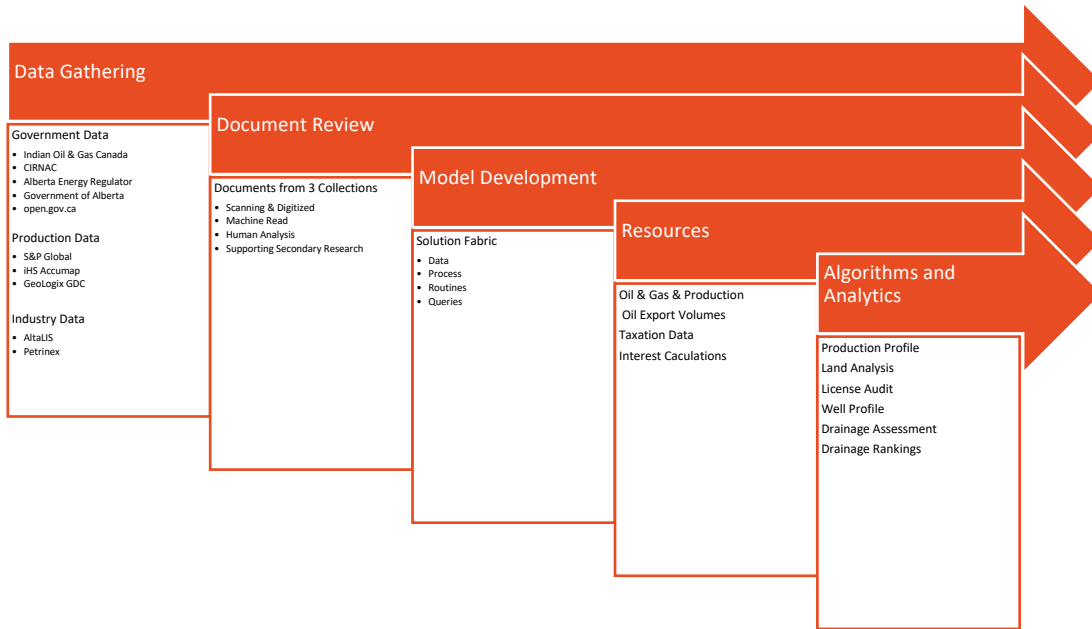
11 Out of this significant repository, approximately 400+ documents were identified as
 12 having material value to establishing deficits in the equitable treatment of Enoch as
 13 an oil and gas producer under Federal management.

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MAJOR SOLUTION PHASES



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3 The process used by GuildOne to create the assessments included in research
 4 & analysis reports involved five steps that began with high-volume data
 5 collection followed by human and machine-based document and review, the
 6 development of assessment models, the application of analytics, and the use
 7 of advanced visualization tools together with thorough written histories and
 8 claims research reporting.

9 **DISCOVERY**

10 The Discovery period of this analysis leveraged the full available historical records
 11 of energy production on and surrounding Enoch lands, including an estimated
 12 26,000 digitized documents obtained from sources

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KEY DATA RELATIONSHIPS



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3 GuildOne has leveraged its relationships with the Alberta Energy Regulator, S&P
4 Global ,and AltaLIS and integrated data from other sources – including 3rd party
5 data provided by IOGC from TransCanada Pipeline (now TC Energy) and Western
6 Gas Market Limited in its calculations of factors, calculation components and other
7 key reference data.

8

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CLAIM DATA RESEARCH & ANALYSIS

1 **PRIMARY DATA SOURCES**

2 Key data sources include the Alberta Energy Regulator (AER), Indian Oil and Gas
3 Canada (IOGC), S&P Global, and IHS Markit.

4 **FEDERAL GOVERNMENT & FIRST NATIONS DATA SOURCES**



Crown Indigenous Relations & Northern Affairs



Government of Canada



Indian Oil & Gas Canada



Indian Resource Council

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6 **ALBERTA GOVERNMENT & RESOURCE DATA SOURCES**



Government of Alberta



Alberta Energy Regulator



Alberta Land Information System



Petrinex

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8 **INDUSTRY DATA SOURCES**



Geologic Data



IHS Markit



S&P Global



Western Gas Marketing & TCPL

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