








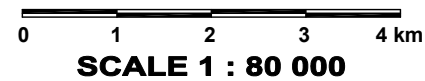


**Legend**

-  Haul Road
-  Spoil Pile
-  Pit Limit
-  Active Pit
-  Proposed Robb Trend Mine Permit Boundary
-  Existing Mine Permit Boundary
-  Backfill
-  External
-  Dragline Spoil



PROJECT:

**Coal Valley Mine  
Robb Trend Project**

TITLE:

**Conceptual Dump Locations**



FILE: ..Final Docs/SIR/ERC/36-1 Dumps.dwg

DRAWN: JG

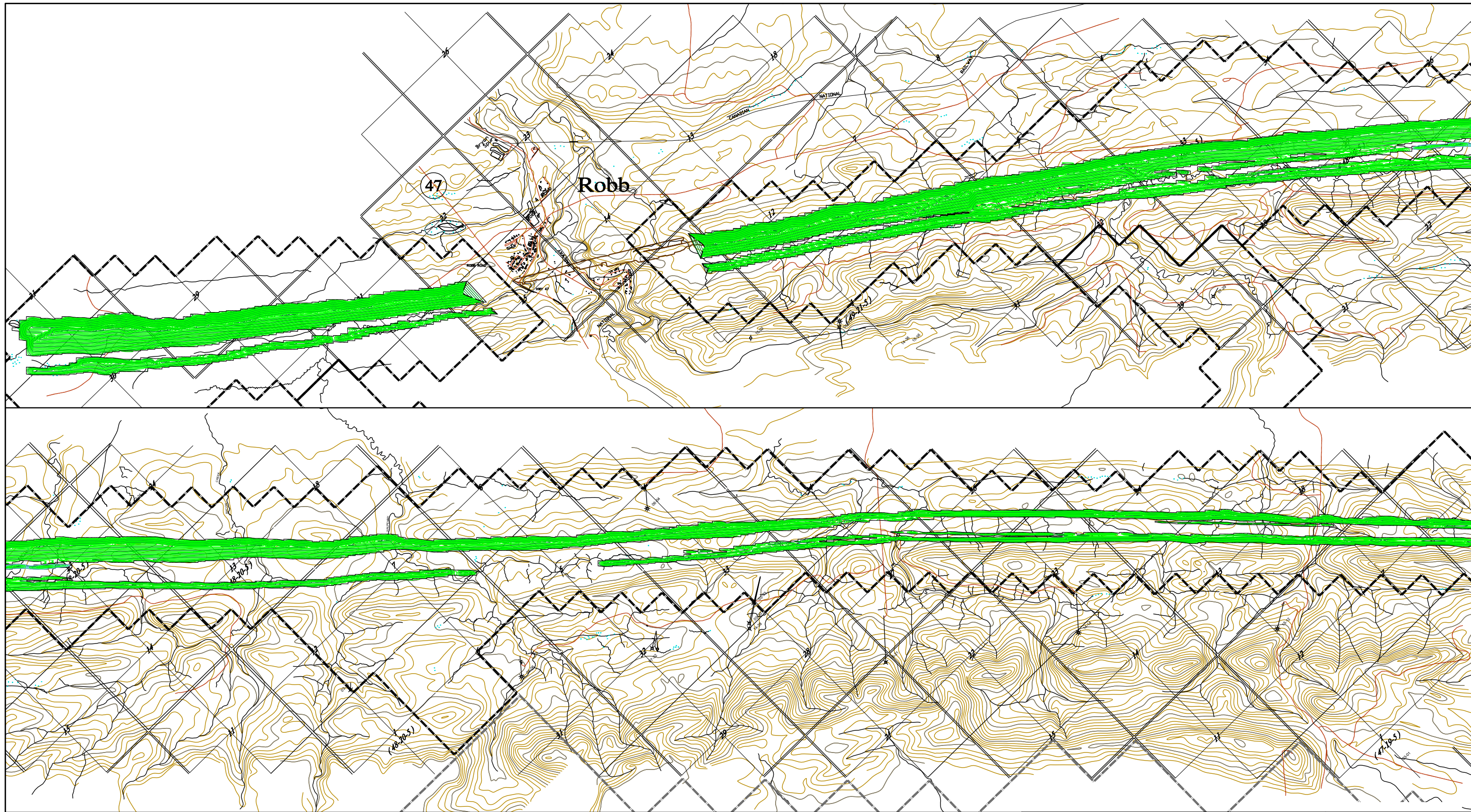
FIGURE:

CHECKED: KP



DATE: Dec 5/12

**36-1**

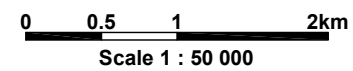
PROJECT: 08-041



**Legend**

-  Proposed Robb Trend Mine Permit Boundary
-  Existing Mine Permit Boundary

Source: CVRI, 2012.



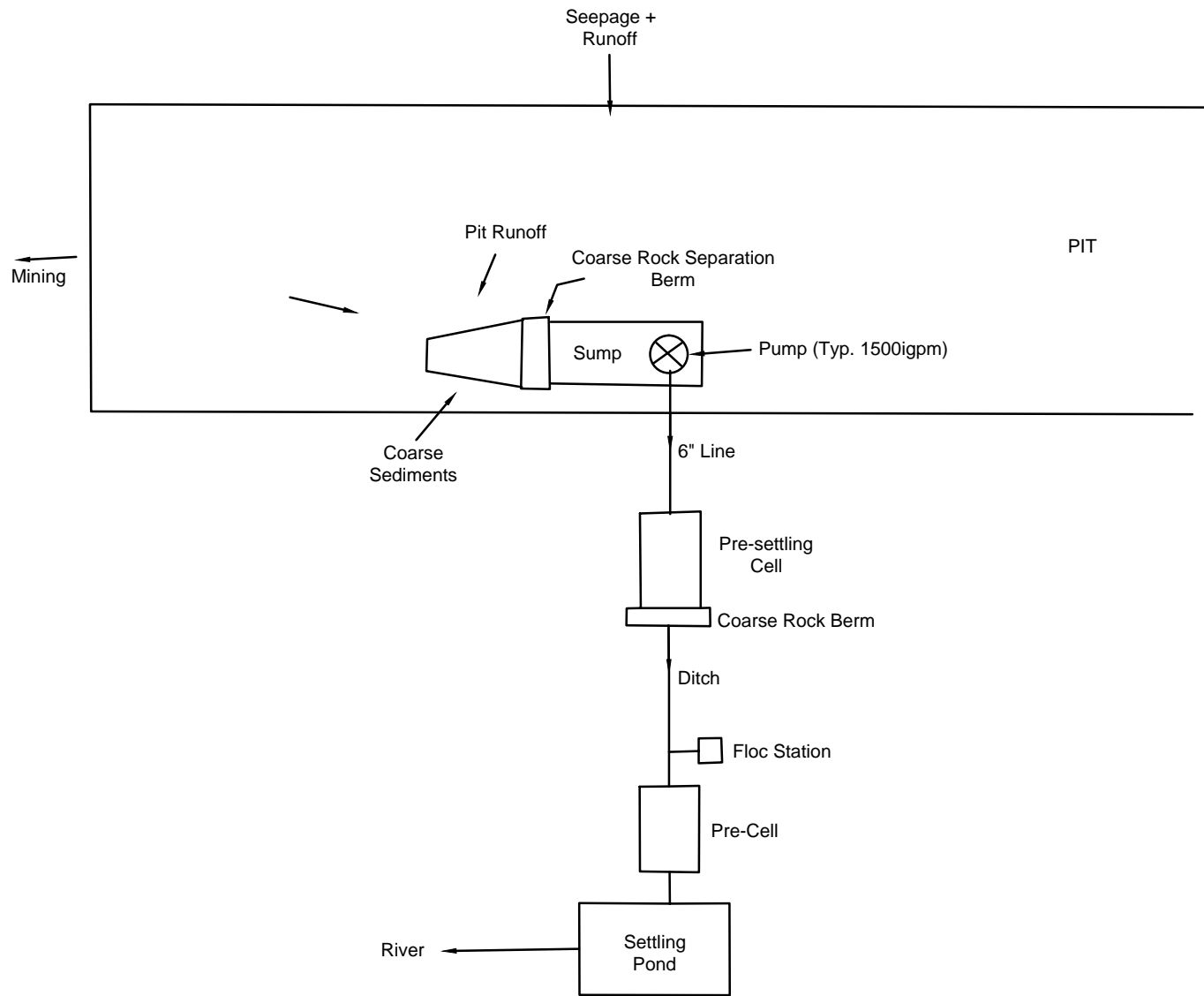
PROJECT:  
**Coal Valley Mine  
 Robb Trend Project**

TITLE:  
**Contour Map**




... Final Docs\SIR\ERCBI\Fig 37-1 Contour Map.dwg  
 DRAWN: JG  
 CHECKED: KP  
 DATE: Dec 3/12  
 PROJECT: 08-041

FIGURE:  
**37-1**



REF: Linear Profile Cartoon.xls

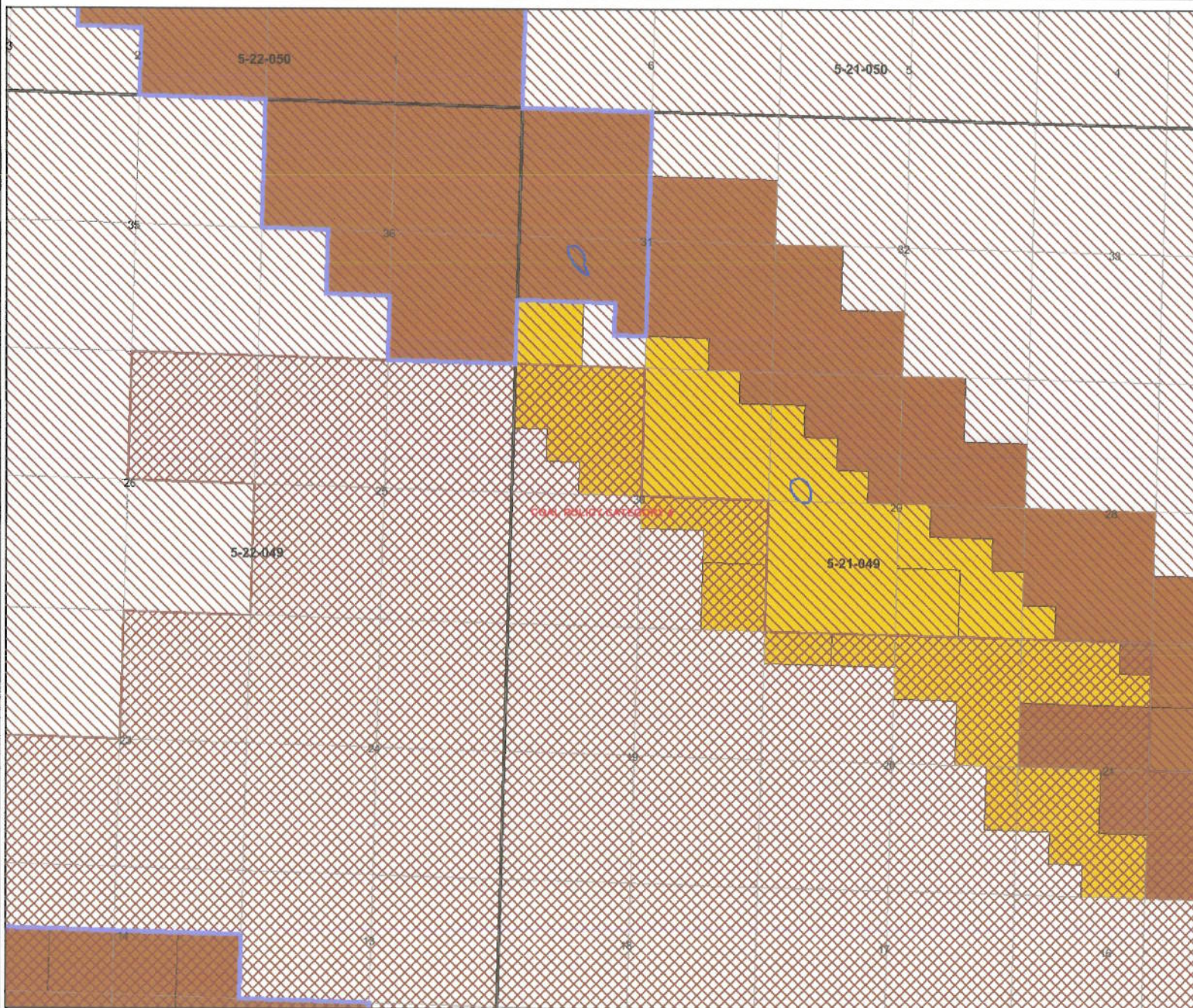
PROJECT: <b>Coal Valley Mine Robb Trend Project</b>			
TITLE: <b>Typical Pit Dewatering Layout Plan</b>			
FILE: ...Final Docs\ISIRI\ERCB\ISIR Drawings.dwg		DRAWN: RS/JG	FIGURE:
		CHECKED: KP	<b>62-1</b>
		DATE: Dec 4/12	
		PROJECT: 08-041	

## **Appendix 3**

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### **Small Private Coal Lease Restrictions**

# Coal



## Legend

- Permit to Develop a Coal Mine
- Coal Mine Licence Area
- Categories - Coal Restriction
- Alberta Boundary
- Meridian
- Quarter Section
- Section
- Township
- Major River
- Major Lake
- Major Road
- Reserved/Withdrawn - Restrictions
- No Surface Access - Restrictions
- Subject To - Restrictions
- Other - Restrictions
- Municipality
- Posted Parcel - P13
- Other - 042
- Road Allowance Lease - 014
- Lease - 013
- Appl Other - A42
- Appl Road Allowance Lease - A14
- Appl Lease - A13
- Mineral Ownership Under Review
- Minerals Not Owned by the Alberta Crown
- Parks and Protected Areas
- National Park

October 2, 2012

Map center: 53° 15' 25" N, 117° 3' 52" W

DISCLAIMER: Information presented on this map originates from various sources and is for general use only. Please be advised that some information may have been added, amended and deleted since this map was created.

Base Data Provided by Spatial Data Warehouse Ltd. Copyright of Government of Alberta.

## **Appendix 4**

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### Project Agreement with the Government of Canada



Natural Resources  
Canada

Ressources naturelles  
Canada

Ottawa, Canada  
K1A 0E4

**JUL 13 2012**

Our file / Notre référence  
CEAR #: 61436

Mr. Dave Rutland  
General Manager  
Coal Valley Mine  
PO Bag 5000  
Edson, AB T7E 1W1

Sent via email - drutland@coalvalley.ca

**Subject:** Coal Mine, Embarras, Erith and Pembina Rivers, Robb, AB  
– The *Canadian Environmental Assessment Act, 2012*

Mr. Rutland,

On April 18, 2011, a federal environmental assessment screening under the *Canadian Environmental Assessment Act* (S.C. 1992, c. 37) (*CEAA*) was commenced for the Coal Mine, Embarras, Erith and Pembina Rivers, Robb, AB.

As part of the Government's plan for Responsible Resource Development which seeks to modernize the regulatory system for project reviews, the *CEAA* was repealed when the *Canadian Environmental Assessment Act, 2012* (*CEAA 2012*) came into force.

Pursuant to subsection 124(1) of *CEAA 2012*, a screening of a project commenced under *CEAA* must, if the project is a designated project, be continued and completed as if *CEAA* had not been repealed.

As per subsections 124(2) and 14(2) of *CEAA 2012*, the Minister of the Environment designated the Coal Mine, Embarras, Erith and Pembina Rivers, Robb, AB, and as such the screening for the project must be continued and completed under *CEAA*. Fisheries and Oceans Canada, Natural Resources Canada and Transport Canada must take a course of action under section 20 of *CEAA* no later than 365 days after the day on which *CEAA 2012* came into force. However, as per subsection 124(4) of *CEAA 2012*, the period taken by a proponent to comply with a request made by a responsible authority to collect information or undertake a study with respect to a project to enable the responsible authority to take a course of action is not included in the calculation of the 365-day time limit.

**Canada**

We look forward to working with you in the completion of the screening.

For further information concerning *CEAA 2012*, please refer to information on the Canadian Environmental Assessment Agency's Internet site at [www.ceaa-acee.gc.ca](http://www.ceaa-acee.gc.ca).

Should you have any comments or questions, please contact Sean Carrière by email at [Sean.Carriere@ceaa-acee.gc.ca](mailto:Sean.Carriere@ceaa-acee.gc.ca).

Sincerely,

<original signed by>

John Clarke  
Director, Environmental Assessment  
Natural Resources Canada

cc: David McNabb (NRCan)  
Jackie Barker (TC)  
Marek Janowicz (DFO)  
Julie Paré-Lépine (MPMO)  
Michelle Gray (AANDC)  
Hendrickson Lorna (EC)  
Nicole Morin (HC)  
Margot Trembath (Prov. Of Alberta)  
Mark Pearson (NRCan)





Mr. Dave Rutland  
General Manager  
Coal Valley Resources Inc.  
PO Box 5000  
Edson, Alberta  
T7E 1W1

Monday August 8<sup>th</sup>, 2011

Dear Mr. Rutland

As you are aware, the Government of Canada is implementing a coordinated, whole-of-government approach to the regulatory review of major resource projects. The Major Projects Management Office (MPMO) works in collaboration with federal departments and agencies with environmental assessment, regulatory permitting and Aboriginal consultation responsibilities related to the resource sectors. It is committed to improving the performance of the federal review of major resource projects in order to support Canada's competitiveness and enable a more effective examination and mitigation of environmental, human health and social impacts.

One of the key tools to achieve these objectives are Project Agreements, which describe federal authorities' roles and responsibilities and establish service standards and target timelines for the federal review. I am, therefore, pleased to inform you that the Project Agreement for the proposed Robb Trend Coal Mine Expansion project has been signed by Deputy Ministers of those federal authorities involved in its review and will soon be posted on the MPMO website ([www.mpmo-bggp.gc.ca](http://www.mpmo-bggp.gc.ca)). Using a web-based application, the MPMO will publicly track and monitor the performance of the federal review for your project against the commitments made in the Agreement to ensure greater transparency and accountability.

If you have any questions regarding the Agreement or the federal review of your project, please contact Carolyn Pharand at 613-996-1042 or [Carolyn.pharand@nrcan.gc.ca](mailto:Carolyn.pharand@nrcan.gc.ca). On behalf of the federal departments and agencies involved in the MPMO Initiative, we are committed to an improved federal regulatory system and look forward to working with you on the review of your project to meet this objective.

Yours sincerely,

<original signed by>

Jay Khosla

Assistant Deputy Minister  
Major Projects Management Office

c.c.: Jim Clarke, Director General Operations, MPMO

## PROJECT AGREEMENT FOR THE ROBB TREND COAL MINE EXPANSION IN ALBERTA

### PREAMBLE

WHEREAS the Government of Canada is committed to improving the efficiency of the federal environmental assessment (EA) and regulatory review processes for major resource projects to enable a more effective assessment and mitigation of potential environmental effects, while protecting the health and safety of Canadians and promoting innovation and competitiveness within the Canadian resource industry sectors;

AND WHEREAS the Government of Canada is committed to undertaking a process of early, effective and meaningful consultation with Aboriginal groups, including Treaty First Nations, Non-Treaty First Nations, Métis and Inuit people, concerning contemplated federal Crown (Crown) conduct with respect to, among other things, major resource projects that may adversely affect established or potential Aboriginal and treaty rights under Section 35 of the *Constitution Act, 1982*;

AND WHEREAS the Government of Canada has created the Major Projects Management Office (MPMO) for the purpose of overseeing and tracking the federal review, which includes the EA, regulatory reviews and Aboriginal consultation activities, for major resource projects;

AND WHEREAS Coal Valley Resources Inc. (the Proponent) has submitted a Project Description in support of its proposal to expand an existing coal mine near the Hamlet of Robb, Alberta;

AND WHEREAS Fisheries and Oceans Canada (DFO) and Transport Canada (TC) may have regulatory and statutory duties in relation to the proposed project;

AND WHEREAS DFO and TC will conduct a screening pursuant to the *Canadian Environmental Assessment Act (CEAA)*;

AND WHEREAS nothing in this Project Agreement (the Agreement) fetters the powers, statutory authorities and functions of federal departments/agencies and their respective Ministers;

AND WHEREAS the Canadian Environmental Assessment Agency (CEA Agency) and Alberta Environment have agreed to coordinate the federal and provincial EAs to the extent possible pursuant to the *Canada-Alberta Agreement for Environmental Assessment Cooperation*; and,

NOW THEREFORE the signatories (the Parties) to this Agreement commit to work together to facilitate an effective, accountable, transparent, timely and predictable federal review in relation to the proposed project and to contribute to fulfilling the Crown's duty to consult with Aboriginal groups.

## **1.0 PURPOSE**

The purpose of this Agreement is to provide an effective tool to enable the Parties to deliver an efficient federal review process. It articulates the roles and responsibilities of each department and agency and timeline based targets for the achievement of process milestones. For further clarity, the Agreement shall be read together with the Annexes, which form part of this Agreement.

## **2.0 PROJECT DESCRIPTION**

The proposed project consists of an expansion of a coal mine to maintain production at a rate of 4 million tonnes per year located near the community of Robb, Alberta (the Project) and includes the following components and activities associated with the construction, operation, modification, decommissioning and abandonment of these components:

- New pit areas and access roads connecting to the existing Coal Valley Mine;
- Culverts or bridges may be required to cross watercourses; and,
- Stream diversions may be required to accommodate the mining activity.

## **3.0 ROLES AND RESPONSIBILITIES**

The following federal departments and agencies have identified an interest in the Project, and will participate in the federal review as follows:

- DFO may have regulatory and statutory responsibilities under the *Fisheries Act* and, pursuant to the CEAA, is a likely responsible authority (RA). DFO requires that a complete application for a *Fisheries Act* authorization be submitted during the EA phase to confirm whether there is a *Fisheries Act* trigger. In order to meet the regulatory timelines set out in this Agreement for a review under the *Fisheries Act*, the information requested in the application must be submitted to DFO at the latest, concurrent with the submission of the draft Environmental Impact Statement (EIS). DFO may be in possession of specialist or expert information or knowledge with respect to the Project and, on request, shall make available that information or knowledge to the RAs;
- TC may have regulatory and statutory responsibilities under the *Navigable Waters Protection Act* (NWPA) and, pursuant to the CEAA, is a likely RA. TC requires that all the information described in the NWPA application form for a review under the NWPA be submitted during the EA phase to confirm whether there is a NWPA trigger. In order to meet the regulatory timelines set out in this Agreement for a review under the NWPA, the information described in the NWPA application form must be submitted to TC at the latest, concurrent with the submission of the EIS and the Navigation Impact Assessment (NIA) has to be completed as a component of the EA. TC may be in possession of specialist or expert information or knowledge with respect to the Project and, on request, shall make available that information or knowledge to RAs;

- Indian Affairs and Northern Development (IAND) has advisory responsibilities to support the Government of Canada's Aboriginal consultation activities in relation to the Project;
- Natural Resources Canada (NRCan), Environment Canada (EC), and Health Canada (HC) are federal authorities (FAs) pursuant to the CEAA and may be in possession of specialist or expert information or knowledge with respect to the Project (expert FAs) and, upon request, shall make available that information or knowledge to the RAs;
- The CEA Agency has administrative responsibilities pursuant to the CEAA in support of the EA. The CEA Agency will act as the EA Manager and as the Crown Consultation Coordinator (CCC) for the EA in relation to the Project, and will coordinate the federal and provincial EA processes to the extent possible; and,
- The MPMO has administrative and advisory responsibilities under the *Cabinet Directive on Improving the Performance of the Regulatory System for Major Resource Projects* and the associated Memorandum of Understanding (MOU). The MPMO will provide oversight and advice throughout the entire federal review in relation to the Project to ensure adherence to the service standards and roles and responsibilities of all Parties.

For further information regarding the roles and responsibilities of the Parties, please see Annexes III, IV and V.

#### **4.0 FEDERAL REVIEW PROCESS**

The proposed scope of the Project is the project described in the Project Description as provided by Coal Valley Resources Inc.

The CEA Agency and Alberta Environment will coordinate the federal and provincial EA review processes, to ensure that joint steps are undertaken wherever appropriate pursuant to the *Canada-Alberta Agreement for Environmental Assessment Cooperation*.

Annex I shows a Gantt chart of the federal review process. Annex II shows the key milestones and service standards for the EA as well as Aboriginal consultation. Annex IV shows the milestones and service standards for the regulatory review for each department.

The CEA Agency will work together with the RAs and the expert FAs to ensure that the EA process results in an efficient and effective EA that complies with the requirements of the CEAA. The type of EA required is a screening.

During the EA process, RAs will confirm any regulatory or other s. 5 decisions required in relation to the Project that are triggers pursuant to the CEAA. As such, the Proponent is expected to submit all necessary applications to allow confirmation of triggers prior to the EA decision. Submission of the regulatory and technical information necessary for RAs to make their regulatory decision within the proposed timeframe is at the discretion of the Proponent. Although that information is not necessary for the EA decision, the Proponent is expected to submit it concurrent with the EIS, for the RAs to meet the regulatory timelines set out in this Agreement.

If a department or agency determines that it is no longer required to make a regulatory decision, it will end its participation in the EA as an RA, but may, upon request from an RA, continue to participate as an expert FA should it be in possession of specialist or expert information or knowledge with respect to the Project. In the event that no triggers for the EA remain, the RAs will terminate the EA.

## **5.0 ABORIGINAL CONSULTATION**

The Parties are committed to a “Whole of Government” approach to Aboriginal consultation in the context of major resource projects to ensure that Aboriginal groups are sufficiently consulted, and where appropriate accommodated, when the Government of Canada contemplates actions that may adversely affect established or potential Aboriginal and treaty rights. To the extent possible, and with the CEA Agency responsible for coordination during the EA Phase, the Parties will work together and with the Province of Alberta toward a coordinated approach for Aboriginal consultation that is integrated with the EA phase of the federal review. Following the EA phase, the responsibility for Aboriginal consultation will be transferred from the CEA Agency to an RA for the regulatory phase. The Crown will take into account the consultation efforts of the Province and the Proponent, to the extent possible, to meet its duty to consult.

Where applicable, the terms and conditions of all existing agreements or protocols between the Crown and Aboriginal groups will be respected and followed.

The Aboriginal consultation roles and responsibilities are identified in Annex III.

## **6.0 TIMELINES**

Timelines identified in the Agreement represent the time expected to be taken by federal departments and agencies in carrying out their respective tasks for the federal review. The timelines do not account for time taken by participants who are not signatories to this Agreement, such as the Proponent, the Province of Alberta, etc. The target timelines for the federal review are detailed in the Gantt chart in Annex I, and are as follows:

- a) Completion of the EA – 10 months from the posting of the Notice of Commencement on the Canadian Environmental Assessment Registry Internet Site (CEARIS) to the posting of EA course of action decisions under the CEAA;
- b) Regulatory decisions pursuant to the *Fisheries Act* and NWPA - 90 calendar days from the EA course of action decisions posted on the CEARIS, assuming submission of all applications no later than the time of the submission of the EIS.

The following are examples of situations where the MPMO may pause the timelines of the federal review:

- a) the federal review is delayed at the request of the Proponent and/or another jurisdiction;

- b) the CEA Agency and/or RAs have indicated that the Proponent is required to provide additional information necessary for the completion of the federal review, or that the information provided is insufficient;
- c) the federal review cannot proceed as a result of circumstances related to Aboriginal consultation; or,
- d) litigation or other court action prevents the completion or continuation of the federal review.

## **7.0 MITIGATION MEASURES AND FOLLOW-UP PROGRAM**

The RAs have responsibilities under the CEAA to ensure the implementation of any mitigation measures taken into account by the RAs in reaching a conclusion on the significance of adverse environmental effects and which the RAs can ensure. If the RAs determine a follow-up program is appropriate in the circumstance, the RAs will work with the expert FAs, the Proponent and the province, to satisfy those responsibilities. Expert FAs will provide assistance requested by the RAs in ensuring the implementation of a mitigation measure or aspect of the follow-up program on which the expert FA and RAs have agreed.

## **8.0 ADMINISTRATION**

### *Tracking Progress*

The milestones, timelines and service standards set out in this Agreement, subject to any amendments, will provide the basis against which the MPMO will monitor the progress of the federal review and report on this progress in the MPMO Tracker.

### *Issues Resolution*

The Parties will use their best efforts to resolve any differences of opinion in the interpretation or application of this Agreement in an effective and timely manner.

Issues relating to the federal review for the Project will be resolved through direct discussions and collaboration between the involved Parties, supported by the MPMO.

Should issues remain outstanding, they will be referred to the appropriate senior level committee.

### *Post-Project Evaluation*

The Parties will participate in an informal evaluation of the federal review in relation to the Project within 90 days of the completion of the regulatory review. The level of effort and format of the evaluation will be appropriate to the scale of the issues encountered.

### *Amendments*

The Parties may recommend to the MPMO whether a change to the federal review or to the project warrants an amendment to the Agreement. Where there is agreement that an amendment

is warranted, and where such amendment is considered significant, the MPMO will provide the proposed amendment to the Major Projects Deputy Ministers for consideration.

Unless otherwise determined by the MPMO in collaboration with the Parties, amendment of the Agreement shall not cause the federal review to stop with respect to any Agreement-related activities that might be ongoing at the time when the need for amendment is identified.

## 9.0 SIGNATORIES

The Parties hereto have signed the Agreement, in counterpart, on the dates indicated below.

\_\_\_\_\_  
**Serge P. Dupont**  
Deputy Minister  
Natural Resources Canada

22-07-11  
*Date*

\_\_\_\_\_  
**Elaine Feldman**  
President  
Canadian Environmental Assessment Agency

03-08-11  
*Date*

\_\_\_\_\_  
**Claire Dansereau**  
Deputy Minister  
Fisheries and Oceans Canada

22-07-11  
*Date*

\_\_\_\_\_  
**John Forster**  
Associate Deputy Minister, Infrastructure Canada  
(on behalf of Yaprak Baltacioğlu  
Deputy Minister, Transport Canada)

26-07-11  
*Date*

\_\_\_\_\_  
**Paul Boothe**  
Deputy Minister  
Environment Canada

27-07-11  
*Date*

\_\_\_\_\_  
**Michael Wernick**  
Deputy Minister  
Indian Affairs and Northern Development

25-07-11  
*Date*

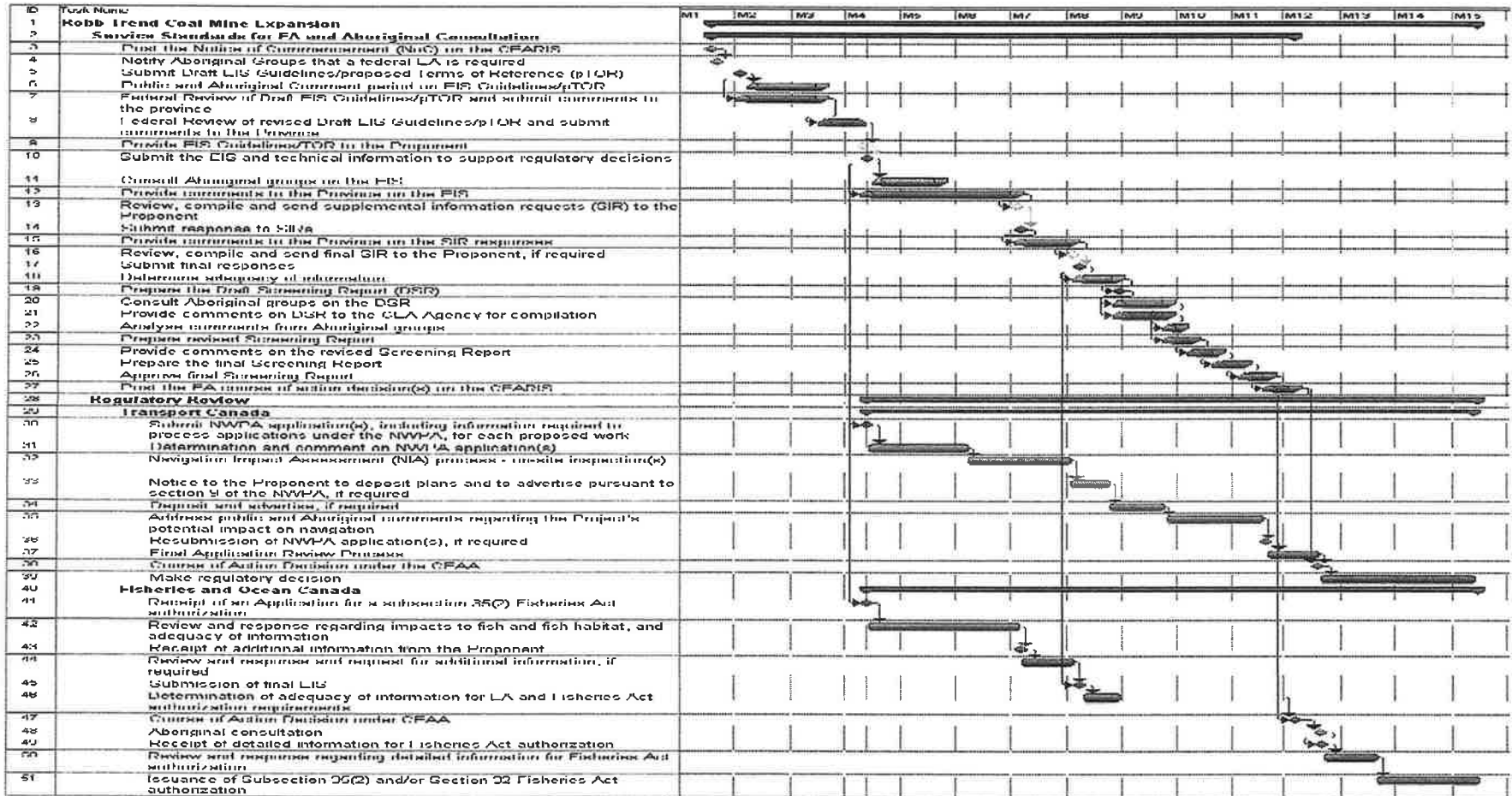


## **Annexes**

- Annex I Gantt Chart: Target Timelines for the Federal Review of the Project**
- Annex II Key Milestones and Service Standards for the Environmental Assessment and Aboriginal Consultation**
- Annex III Aboriginal Consultation Approach and Associated Roles and Responsibilities**
- Annex IV Responsible Authorities: Roles, Responsibilities, Key Milestones and Service Standards**
- Annex V Other Departments and Agencies: Roles and Responsibilities**

## Annex I

### Gantt Chart: Target Timelines for the Federal Review of the Project<sup>1</sup>



<sup>1</sup> The Gantt chart is a baseline against which the timelines, identified in the Project Agreement expected to be taken by federal departments and agencies in carrying out their respective tasks for the federal review, will be tracked. The timelines do not account for time taken by participants who are not signatories to this Agreement, such as the Proponent, provinces, Aboriginal groups, the public or other stakeholders.

## Annex II

### Key Milestones and Service Standards for the Environmental Assessment and Aboriginal Consultation

	Milestone	Lead	Support As Needed	Service Standard, or Completion Date
1	Post the Notice of Commencement (NoC) on the CEARIS	RA		April 18, 2011
2	Notify Aboriginal groups that a federal EA is required	CEA Agency		April 20, 2011
3	Submit draft EIS Guidelines/proposed Terms of Reference (pTOR)	Proponent	CEA Agency, RAs, expert FAs	May 4, 2011
4	Public and Aboriginal Comment period on draft EIS Guidelines/pTOR	Proponent	Province	May 11, 2011 to June 17, 2011
5	Federal Review of Draft EIS Guidelines/pTOR and submit comments to the Province	RAs, expert FAs	CEA Agency	May 5, 2011 to June 17, 2011
6	Federal Review of revised Draft EIS Guidelines/pTOR and submit comments to the Province	RAs, expert FAs	CEA Agency	June 20, 2011 to July 8, 2011
7	Provide EIS Guidelines/TOR to Proponent	Province	CEA Agency, RAs	TBD
8	Submit the EIS and technical information to support regulatory decisions	Proponent	RAs	TBD
9	Consult Aboriginal groups on the EIS	CEA Agency	RAs, expert FAs	Within 1 week of receipt of draft EIS for a 5 week period
10	Provide comments to the Province on the EIS	CEA Agency	RAs, expert FAs	Within 12 weeks of receipt of EIS
11	Review, compile and send supplemental information requests (SIRs) to the Proponent	Province	CEA Agency	TBD
12	Submit responses to SIRs	Proponent		TBD

	<b>Milestone</b>	<b>Lead</b>	<b>Support As Needed</b>	<b>Service Standard, or Completion Date</b>
13	Provide comments to the Province on the SIR responses	CEA Agency	RAs, expert FAs	Within 4 weeks from the submission of the responses
14	Review, compile and send final SIRs to the Proponent, if required	Province	CEA Agency	TBD
15	Submit the final responses	Proponent		TBD
16	Determine adequacy of information	RAs, expert FAs	CEA Agency	Within 3 weeks of receipt of final responses
17	Prepare the Draft Screening Report (DSR)	Proponent	RAs, expert FAs	TBD
18	Consult Aboriginal Groups on the DSR	CEA Agency, RAs	Expert FAs	Within 4 weeks of receipt of DSR
19	Provide comments on the DSR	RAs, expert FAs	CEA Agency	Within 4 weeks of receipt of DSR
20	Analyse comments from Aboriginal groups	CEA Agency, RAs	Expert FAs	Within 1 week from receipt of comments from Aboriginal groups
21	Prepare revised Screening Report	CEA Agency		Within 2 weeks from receipt of comments
22	Provide comments on the revised Screening Report	RAs, expert FAs		Within 2 weeks of receiving the revised Screening Report
23	Prepare the final Screening Report	CEA Agency	RAs	Within 2 weeks of receipt of comments on the revised Screening Report
24	Approval of final Screening Report	RAs		Within 2 weeks of receiving the final Screening Report
25	Post the EA course of action decision(s) on the CEARIS	RAs		Within 2 weeks of approving the final Screening Report

## Annex III

### Aboriginal Consultation Approach and Associated Roles and Responsibilities

#### 1.0 Context

The Government of Canada consults with Aboriginal people for reasons of good governance, sound policy development and decision-making as well as for legal reasons. Canada has statutory, contractual and common law obligations to consult with Aboriginal groups. The Government of Canada will take a “Whole of Government” approach to Aboriginal consultation in the context of major resource projects to ensure that Aboriginal groups are sufficiently consulted, and where appropriate accommodated, when it contemplates actions that may adversely affect established or potential Aboriginal and treaty rights. These rights are recognized and affirmed in Section 35 of the *Constitution Act, 1982*.

This approach is mandated by both the *Cabinet Directive on Improving the Performance of the Regulatory System for Major Resource Projects* and the associated Memorandum of Understanding (MOU) (June, 2007). The *Directive* states that Parties will work together towards a coordinated approach for Aboriginal consultation that is integrated with the EA, to the extent possible. The approach for federal consultation of Aboriginal groups for major resource projects was created in accordance with *Aboriginal Consultation and Accommodation: Updated Guidelines for Federal Officials to Fulfill the Legal Duty to Consult* (IAND; March 2011).

#### 2.0 Identifying Aboriginal Groups

The CEA Agency, along with RAs, and the Province of Alberta, will:

- work with the Proponent to identify Aboriginal groups for consultation that may be affected by the Project;
- conduct background research on Aboriginal groups in the area and their potential and established rights;
- identify potential adverse impacts of the proposed project/activity;
- undertake initial assessment and analysis (including prima facie strength of claim assessment); and,
- based on the potential severity of the adverse impacts of the proposed project on the potential or established *Constitution Act* s. 35 rights, establish the initial form and content of a consultation process.

Aboriginal groups consulted may change over time based on information received during the course of the assessment and information received from Aboriginal groups, as may the level of consultation activities undertaken by the Crown.

### **3.0 The Crown Consultation Process**

The “Whole of Government” approach for Aboriginal consultation activities will be implemented throughout the entire federal review. Best efforts will be made to ensure that the timeframe for consultation activities coincides with key milestones and processes. It is important to acknowledge that timeframes for consultation activities may diverge from pre-established federal review timeframes, based on consultation requirements. Should modifications to timeframes be required due to the consultation process, revisions will be discussed by all Parties.

Where accommodation is appropriate, the Crown, coordinated by the CEA Agency during the EA phase, will monitor and determine whether identified mitigation measures reasonably address concerns regarding potential adverse impacts on established or potential Aboriginal and treaty rights. The Crown may also examine the role of third parties in addressing adverse impacts on established or potential Aboriginal and treaty rights. The Crown will work with Aboriginal groups and attempt to identify options or solutions that balance the interests of those Aboriginal groups with other societal interests. The Crown will take into account the consultation efforts of the Province and the Proponent, to the extent possible, to meet its duty to consult.

### **4.0 Roles and Responsibilities of Parties**

#### **The CEA Agency will:**

- Act as the CCC for the EA phase of the federal review in relation to the Project, coordinate and facilitate the Crown’s consultation activities before and during the EA, and ensure a smooth transition to the regulatory review if required. As the CCC, the CEA Agency will:
  - Develop and implement a Crown consultation plan that is consistent with a whole-of-government approach to Crown consultation by the federal Crown through close collaboration with RAs and with support from expert FAs as appropriate;
  - Coordinate federal Crown consultation activities with those of the Province;
  - Invite Aboriginal groups to participate in the EA process and make their concerns known about EA matters, as well as the project impacts on their established or potential Aboriginal and treaty rights;
  - Coordinate the involvement and provide updates to RAs and expert FAs regarding federal Crown consultation activities with Aboriginal groups as it relates to the EA;
  - Represent the Crown with RAs during consultation activities, and work with those authorities to appropriately consider and address issues raised by Aboriginal groups;
  - Compile the Crown consultation record, including a tracking table for those issues that may require a response from the RAs and expert FAs;
  - Coordinate the evaluation of the scope, nature, and sufficiency of the Crown’s consultation efforts, with input from the DOJ, IAND and RAs;
  - Coordinate the response, with input from IAND and the RAs, on behalf of the Government of Canada to Aboriginal Groups on how concerns were addressed during the EA;
  - Coordinate discussions amongst the RAs for the purposes of identifying a lead CCC for Aboriginal consultation activities related to the regulatory phase; and,

- Document lessons learned.

**The MPMO will:**

- Provide oversight to ensure the overall consistency, accountability, and transparency of the Aboriginal Crown consultation effort, for the entire federal review;
- House and maintain the official Record of Crown Consultation Activities for the Project; and,
- Incorporate information relating to consultation activities into the MPMO Tracker.

**RAs will:**

- Contribute to the “Whole of Government” approach by participating in consultation activities throughout the entire federal review (including before, during and after the EA) in areas relevant/appropriate to their mandates and areas of statutory and policy responsibility;
- Represent the Crown in concert with the CCC and the province, and work with the Proponent and other Parties to address Aboriginal issues, as appropriate/required;
- Take on the role of the CCC from the CEA Agency following the EA course of action decision;
- Report on consultation activities to the CEA Agency and the MPMO in accordance with the established records-management process;
- Provide input into the response to Aboriginal groups on how concerns were addressed;
- Support issues analysis work, where required;
- Contribute to the evaluation of the scope, nature, and sufficiency of the Crown’s consultation efforts, with CEA Agency, the DOJ, and IAND;
- If appropriate, conduct a *prima facie* strength of claim analysis with input from DOJ, IAND and the CCC; and,
- Develop, review and approve the Aboriginal consultation work plan for the regulatory phase, if required.

**Expert FAs will:**

- Support any of the above activities upon request of the CCC and/or RAs, as appropriate.

**DOJ and IAND will:**

- Provide legal services (DOJ), information and advice to the CEA Agency, MPMO and RAs as appropriate and required throughout the federal review; and,
- Assist in the evaluation of the scope, nature, and sufficiency of the Crown’s consultation efforts.

## Annex IV

### Responsible Authorities Roles, Responsibilities, Key Milestones and Service Standards

#### EA

- Participate in meetings with other federal/provincial authorities, where appropriate;
- Review, comment on and approve the EA work plan and Aboriginal consultation work plan;
- Provide guidance with respect to the content of the Screening Report to the EA Manager or to the Proponent where they have been delegated to prepare the Screening Report;
- Manage the Registry Project File and CEARIS
- Review, comment on and approve appropriate federal EA documents (e.g., scoping document, screening report);
- Review and comment on the EIS, and participate in the analysis of comments on the EIS;
- Consult with affected/potentially affected Aboriginal groups as described in Annexes II and III;
- Take EA course of action decision following the finalization of the Screening Report;
- Work with other RAs, expert FAs, the Proponent and the province to ensure implementation of mitigation measures and the design and implementation of a follow-up program, if a follow-up program was determined to be appropriate in the circumstances; and,
- Where appropriate, work with other RAs, expert FAs, the Proponent and the Province to identify measures or means to accommodate adverse impacts on potential or established Aboriginal and treaty rights under Section 35 of the *Constitution Act, 1982*.

#### Regulatory

- Prepare regulatory work plan;
- Participate in meetings with other federal/provincial authorities as appropriate;
- Participate in public comment period, public notice and possible public consultations, as appropriate;
- Provide expert advice with respect to its mandate, regulatory responsibilities and areas of interest, where appropriate;
- If appropriate, take regulatory decision following the EA course of action decision;
- Undertake any required activities related to its mandate, regulatory responsibilities and areas of interest, including consulting with affected/potentially affected Aboriginal groups as appropriate, to support regulatory decisions; and,
- Conduct site visits to support regulatory decisions, as required.



**Transport Canada**

*Note: The following milestones represent the key activities associated with the regulatory process for the Project and are not intended to reflect the entire work plan schedule associated with this Project. Furthermore, these milestones may need to be adjusted as additional information is made available.*

MILESTONE	ACTIVITIES/DESCRIPTION	LEAD	SERVICE STANDARD
<b>Liaise with the Proponent regarding potential works in regards to impacts on navigability</b>	Liaise with the Proponent regarding proposed works that could potentially impact navigation and on potential alternatives and mitigation strategies to ensure that navigability is maintained.	TC	Ongoing
<b>Submit NWPA application(s), including information required to process applications under the NWPA, for each proposed work</b>	Provide TC with a completed application for each proposed work no later than the time of submission of the EIS.	Proponent	Determined by the Proponent.
<b>Determination and comment on NWPA application(s)</b>	<p>Review application package and information/plans for adequacy to support NWPA review.</p> <p>Request further information if required to proceed with application.</p> <p>Review draft FHCP for potential impacts to navigation and provide comments to DFO with respect to the navigability of the watercourse and any concerns regarding potential mitigation measures with respect to navigation.</p>	TC	<p>8 weeks after application submission.</p> <p>Within 2 weeks of receiving the draft FHCP</p>
<b>NIA process - on-site inspection(s)</b>	Complete on-site NIA of the Project, site and waterway(s), subject to weather and time of year.	TC	Site inspection within 2 months of receipt of completed application, then as necessary until completion of public comment process.

MILESTONE	ACTIVITIES/DESCRIPTION	LEAD	SERVICE STANDARD
<b>Notice to the Proponent to deposit plans and to advertise pursuant to the s. 9 of the NWPA, if required</b>	Provide the Proponent with advertisement package pursuant to NWPA s. 9.	TC	Within 3 weeks of completed initial on-site inspection and following the assessment of navigational issues arising from any changes to the Project due to EA issues.
<b>Deposit and advertise, if required</b>	<p>Deposit all plans in the local land registry or land titles office or other place specified by the Minister and advertise in the Canada Gazette and in one or more newspapers that are published in or near the place where the work is to be constructed.</p> <p>Provide proof of deposit and advertising to TC.</p>	Proponent	Interested persons may provide written comments to the Minister within 30 days after the publication of the last notice referred to in s.9(3) or 9(4) of the NWPA.
<b>Consult with Aboriginal groups regarding navigational impacts, if required</b>	Seek information regarding navigational concerns from the Proponent or directly from Aboriginal groups through the federal EA process, if possible. Or, if not possible, through departmental Aboriginal consultation processes.	TC	To be completed within the EA phase; however, consultation would be ongoing until duty has been met to the satisfaction of the Minister of Transport.
<b>Address public comments and issues raised by Aboriginal groups, regarding the Project's potential impact on navigation</b>	<p>Should TC receive concerns from the public regarding navigation, the Proponent and TC will work together to resolve concerns.</p> <p>Should TC receive concerns from Aboriginal groups regarding navigation, the Proponent and TC will work together to resolve the concerns.</p> <p>Additional requirements might be deemed necessary by TC in regard to potential impacts on navigation posed by proposed works.</p> <p>TC will facilitate public comment process if required.</p>	<p>Proponent and TC</p> <p>TC</p>	To be completed within 2 months of completion of advertisement process.
<b>Resubmission of NWPA</b>	Resubmission of NWPA application(s) where applicable and	Proponent	Determined by the Proponent, if required.

MILESTONE	ACTIVITIES/DESCRIPTION	LEAD	SERVICE STANDARD
<b>application(s), if required</b>	<p>re-deposit and re-advertising of plans in one or more local papers and the Canada Gazette is required if substantial changes to proposed work(s) are required.</p> <p>Furthermore, DFO fish habitat compensation plans will have to be reviewed prior to issuing an approval.</p>		
<b>Final application review process</b>	Perform a final review of all information on file, including technical information and ensure all public comments are addressed.	TC	4 weeks
<b>Course of Action Decision under the CEAA</b>	TC reaches course of action decision under the CEAA.		As per EA work plan.
<b>Make regulatory decision</b>	Make regulatory decision under NWPA.	TC	<p>Within 90 calendar days after TC makes an appropriate course of action decision if the NWPA application(s) submitted no later than the time of the submission of the EIS. The regulatory decision will be contingent on:</p> <ol style="list-style-type: none"> <li>1. The discharge of any legal Aboriginal consultation obligations associated with the approval(s).</li> <li>2. An EA course of action decision under s. 20(1) of CEAA.</li> <li>3. Mitigation of public concerns to the satisfaction of the Minister of Transport.</li> </ol>

**Fisheries and Oceans Canada**

*Note: The following milestones represent the key activities associated with the regulatory process for the Project and are not intended to reflect the entire work plan schedule associated with this Project. Furthermore, these milestones may need to be adjusted as additional information is made available.*

MILESTONE	ACTIVITIES / DESCRIPTION	LEAD	SERVICE STANDARD
<p>The following milestones occur after DFO’s review of a complete Project Description and determination that an authorization under Subsection 35(2) and/or Section 32 of the <i>Fisheries Act</i> is likely to be required. If such an authorization is likely to be required, DFO will request that the Proponent submit an application for authorization for review.</p> <p>Appropriately detailed information associated with the assessment of effects on fish and fish habitat and mitigation (including compensation) to address those effects must be provided during the EA to support the determination of the significance of adverse effects on fish and fish habitat. This information will be identified through DFO’s input to the Environmental Impact Statement (EIS) guidelines or terms of reference.</p> <p>Aboriginal consultation activities related to the EA are captured in <i>Annex II: Key Milestones and Service Standards for the Environmental Assessment and Aboriginal Consultation</i>.</p>			
<p><b>Receipt of an application for a Subsection 35(2) and/or Section 32 <i>Fisheries Act</i> authorization(s)</b></p>	<p>DFO receives an application from the Proponent for the authorization of impacts to fish habitat under Subsection 35(2) and/or the destruction of fish under Section 32 of the <i>Fisheries Act</i>.</p> <p>The application must be complete and be supported by adequate plans, maps, reports and data to support the review.</p> <p>The application should also be supported by (as part of the authorization or in the EIS) proposed mitigation to minimize impacts on fish and fish habitat and a proposed fish habitat compensation plan (FHCP) associated with a Subsection 35(2) authorization (if it is determined that one is appropriate).</p> <p>This information will be used to support the <i>Fisheries Act</i> review</p>	<p>Proponent</p>	<p>Dependent upon timing of the submission of the application by the proponent but, at the latest, it must be submitted concurrently with the submission of the first draft of the EIS.</p>

MILESTONE	ACTIVITIES / DESCRIPTION	LEAD	SERVICE STANDARD
	and EA.		
<b>Review and response regarding impacts to fish and fish habitat, and adequacy of information</b>	<p>DFO reviews the application package/EIS (including proposed mitigation, proposed FHCP and associated estimate of financial security, if provided, and other related information) for adequacy and responds to the Proponent as part of DFO comments on the draft EIS.</p> <p>If the FHCP is provided separately from the EIS, DFO will ensure that the FHCP is provided to Transport Canada for review of potential impacts to navigation (14-day comment period).</p> <p>Should the information be incomplete, DFO will request the required information from the Proponent in order to be able to proceed with the review.</p>	DFO	Within 12 weeks of submission of the draft EIS.
<b>Receipt of additional information related to Fish, Fish Habitat and the FHCP as part of the revised EIS</b>	DFO receives additional information from the proponent.	Proponent	Dependent upon timing of the submission of the revised EIS by the proponent.
<b>Review and response and request for additional information, if required</b>	<p>DFO reviews the revised EIS including any additional information related to fish, fish habitat and the FHCP.</p> <p>DFO requests further information, if required, to proceed with the review of the application. This may include information on fish habitat compensation since it will form part of the mitigation plan for the EA.</p>	DFO	Within 4 weeks of submission of the revised EIS.
<b>Submission of</b>	DFO receives final EIS, including	Proponent	Dependent on timing of the submission of the

MILESTONE	ACTIVITIES / DESCRIPTION	LEAD	SERVICE STANDARD
<b>final EIS</b>	FHCP, from the proponent.		final EIS by the proponent.
<b>Determination of adequacy of information for EA and Fisheries Act authorization requirements</b>	<p>DFO determines that information of appropriate detail on fish and fish habitat, mitigation measures, including FHCP, has been provided to make a conclusion on significance of adverse effects on fish and fish habitat.</p> <p>DFO informs proponent that information is sufficient to support the determination relative to the significance of environmental effects as needed for the EA. DFO also informs the proponent of any additional information requirements that may be necessary to make the regulatory decision, including the requirement for financial security in relation to compensation.</p> <p>DFO will also, as appropriate, undertake or participate in coordinated Aboriginal consultation activities relative to fish and fish habitat issues.</p> <p><b>OR</b></p> <p>If the Final EIS does not yet contain sufficient information to allow for EA conclusion to be made, DFO will request this information/clarification from the proponent. Sufficient information is required before the next step can be undertaken.</p>	DFO	Within 3 weeks of receipt of Final EIS.
<b>Course of Action Decision under the CEAA</b>	<p>DFO reaches a course of action decision under the CEAA that will determine whether the authorization(s) may be issued.</p> <p>If the course of action decision allows for proceeding with</p>	DFO	Within 2 weeks of the approval of the final Screening Report.

MILESTONE	ACTIVITIES / DESCRIPTION	LEAD	SERVICE STANDARD
	authorization(s), the subsequent activities and milestones will apply.		
<b>Aboriginal consultation</b>	Through coordinated Aboriginal consultation activities, DFO will undertake additional consultation, as appropriate, based upon results of consultation undertaken during the EA. Activities and service standards will be identified in Aboriginal Consultation work plan after analysis of results of consultation activities undertaken during the EA.	DFO	As per Aboriginal Consultation work plan developed after analysis of results of consultation activities undertaken during the EA.
<b>Receipt of detailed information for Fisheries Act authorization</b>	DFO receives detailed FHCP, including information on financial security (if required) in a level of detail necessary to make a regulatory decision.  Upon receipt, DFO will ensure that a copy of the detailed FHCP is provided to Transport Canada for a 14-day comment period.	Proponent	Dependent on timing of the submission by the proponent.
<b>Review and response regarding detailed information for Fisheries Act authorization</b>	DFO notifies the proponent that the FHCP is acceptable or if additional information is required to allow for the regulatory decision to be made.  Sufficient information is required before the next step can be undertaken.	DFO	Within 30 days of receipt of the information.  If multiple information requests are required DFO will respond within 15 days of the proponent responding to the previous request.
<b>Issuance of Subsection 35(2) and/or Section 32 Fisheries Act</b>	If appropriate, DFO issues a Fisheries Act authorization <sup>2</sup> to the Proponent for impacts to fish and fish habitat.	DFO	DFO issues the authorization 60 days following the determination that the

<sup>2</sup> Fisheries Act authorization may be issued based upon policy guidance the *Policy for the Management of Fish Habitat*, 1986; Practitioners Guide to writing a subsection 35(2) Fisheries Act authorization for DFO Habitat Management staff, (v1.1); and Practitioners Guide to habitat compensation for DFO Habitat Management staff, (v1.1).

MILESTONE	ACTIVITIES / DESCRIPTION	LEAD	SERVICE STANDARD
<b>authorization</b>			<p>FHCP is acceptable (including financial security), and the discharge of any Aboriginal consultation responsibilities with respect to the <i>Fisheries Act</i> authorization.</p> <p>Issuance of the authorization(s) may also consider the Proponent's timing needs for the authorization(s) in that, should an authorization not be required until much later than the timeline above, DFO will issue it when it is appropriate.</p>



**Annex V**

**Other Departments and Agencies  
Roles and Responsibilities**

<b>PARTY</b>	<b>ROLES / RESPONSIBILITIES</b>
CEA Agency	<ul style="list-style-type: none"> <li>• Provide advice in regard to the application of the CEAA;</li> <li>• Act as the EA Manager and CCC for the EA in relation to the Project, including the development of detailed work plans;</li> <li>• Work in cooperation with RAs, FAs, the Province and the Proponent to identify and evaluate means by which they will either ensure or be satisfied mitigation measures and follow-up programs (if appropriate) are implemented;</li> <li>• Coordinate EA and Aboriginal consultation activities with other jurisdictions during the EA;</li> <li>• Prepare and coordinate the review of the Screening Report; and,</li> <li>• Lead and coordinate the federal review and ensure overall quality control of the Screening Report.</li> </ul>
Expert Federal Authorities	<p>Upon request from an RA, expert FAs will perform and fulfill the following roles and responsibilities:</p> <ul style="list-style-type: none"> <li>• Review and submit comments on the EA work plan and Aboriginal Consultation work plan;</li> <li>• Participate in federal project review committee meetings for provision of relevant expertise;</li> <li>• Review and submit comments on EA documents as appropriate;</li> <li>• Provide any assistance requested by a RA in ensuring the implementation of a mitigation measure and/or follow-up program (if appropriate) on which the expert FA and RA(s) have agreed;</li> <li>• Participate in meetings with other federal/provincial authorities as appropriate;</li> <li>• Support aboriginal consultation activities as appropriate;</li> <li>• Provide advice in respect of their respective mandate and area(s) of expertise when requested by the RAs. Advice will be provided within timelines requested by an RA; and,</li> <li>• Review and submit comments on the EIS, and comments received on it.</li> </ul>
<b>Area of Expertise/Interest</b>	
HC	<ul style="list-style-type: none"> <li>• Air quality health effects;</li> <li>• Contamination of country foods (e.g. fish, wild game, garden produce, berries, etc);</li> <li>• Drinking and recreational water quality;</li> <li>• Radiation effects;</li> <li>• Electric and magnetic fields;</li> <li>• Noise impacts;</li> <li>• Health risk assessment and risk management;</li> </ul>

PARTY	ROLES / RESPONSIBILITIES
	<ul style="list-style-type: none"> <li>• Federal air, water, and soil quality guidelines/standards used in human health risk assessments; and,</li> <li>• Toxicology (multimedia - air, water, soil).</li> </ul>
EC	<ul style="list-style-type: none"> <li>• Wildlife, including: <ul style="list-style-type: none"> <li>▪ Migratory birds;</li> <li>▪ SARA species;</li> <li>▪ Habitat conservation; and</li> <li>▪ Wetlands.</li> </ul> </li> <li>• Water quality;</li> <li>• Surface Water Hydrology;</li> <li>• Waste and effluent management;</li> <li>• Air quality;</li> <li>• Air Emissions; and,</li> <li>• Environmental emergencies.</li> </ul>
NRCan	<ul style="list-style-type: none"> <li>• Hydrogeology;</li> <li>• Terrain stability; and,</li> <li>• Geohazards.</li> </ul>
Other Departments/Agencies	
IAND	<ul style="list-style-type: none"> <li>• Provide advice in regard to Aboriginal consultation.</li> </ul>
MPMO	<ul style="list-style-type: none"> <li>• Coordinate the development and approval of the Project Agreement;</li> <li>• Monitor and report on the progress of the Project through the federal review;</li> <li>• Take proactive steps to identify opportunities to streamline the federal review to meet government timelines and identify bottlenecks that could cause delay; and,</li> <li>• Incorporate information received from the CEA Agency, expert FA(s) RA(s), and proponent on the EA and regulatory milestones into the MPMO Tracker.</li> </ul>

## **Appendix 14**

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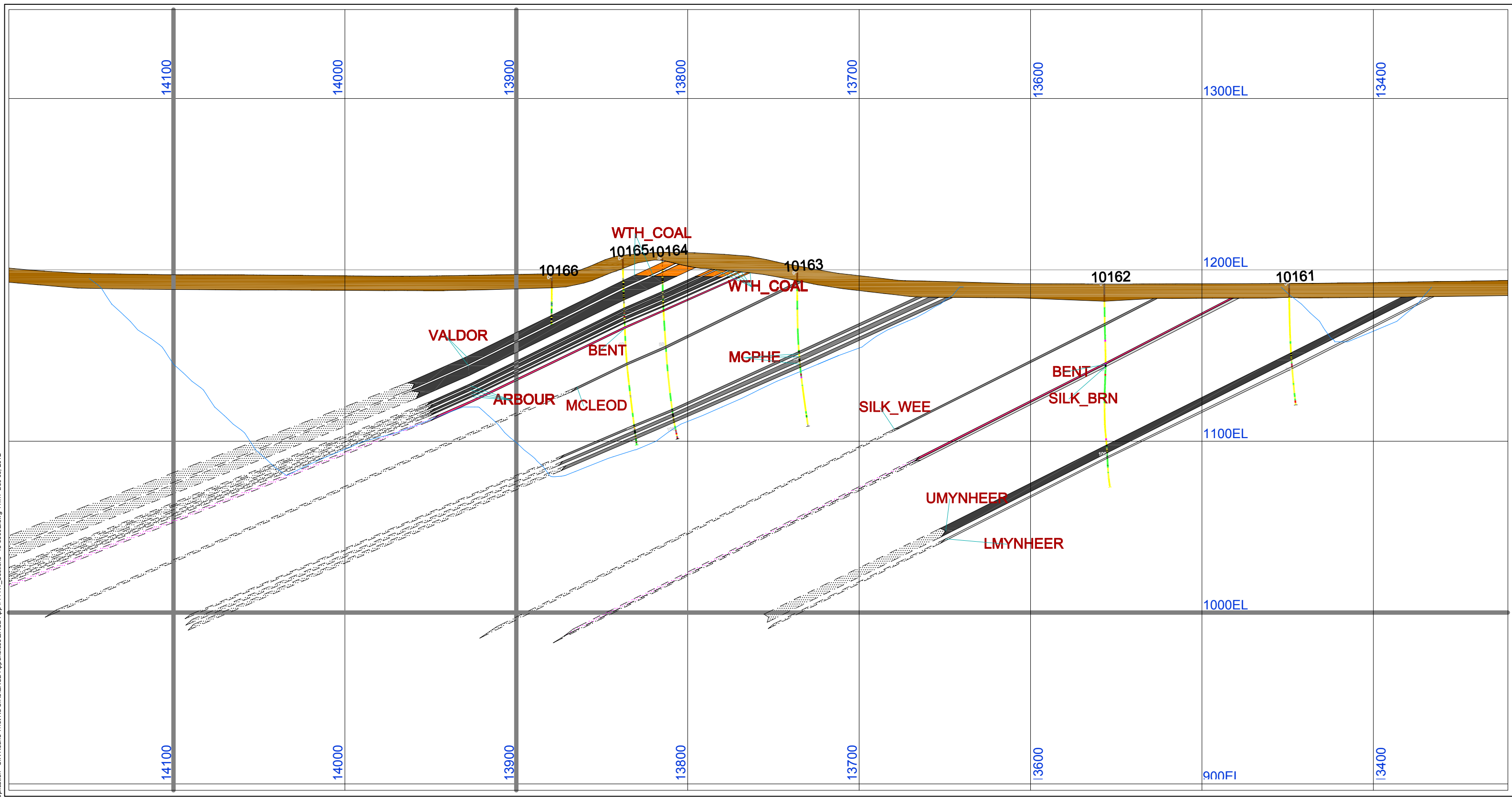
### Proposed Robb Trend Permit Area Cross-Sections

## APPENDIX 14

### GEOLOGY SECTIONS Key

		Section (Easting)	Spacing
		(m)	(m)
1	<b>Robb West</b>	-3600	-
2		-2800	800
3		-2450	350
4		-1650	800
5		-900	750
6		-100	800
7		700	800
8		1500	800
9		1900	400
10	<b>Robb Main</b>	5900	-
11		6800	900
12		7600	800
13		8400	800
14		9500	1100
15		10400	900
16		11000	600
17		11400	400
18		12400	200
19		13400	1000
20		14400	1000
21		15200	800
22		15900	700
23		16600	700
24		17400	800
25		18200	800
26	19400	1200	
27	<b>Robb Center</b>	20500	1100
28		23200	2700
29		24000	800
30		25100	1100
31		26000	900
32		26600	600
33		27600	1000
34		28500	900
35		29500	1000
36	<b>Robb East</b>	30400	900
37		31400	1000
38		32200	800
39		33000	800
40		33800	800
41		34800	1000
42		35600	800
43		36500	900
44		37200	700
45		38000	800
46		39000	1000
47		39800	800
48		40800	1000
49		41800	1000
50		42000	200
51		42800	800
52		43600	800

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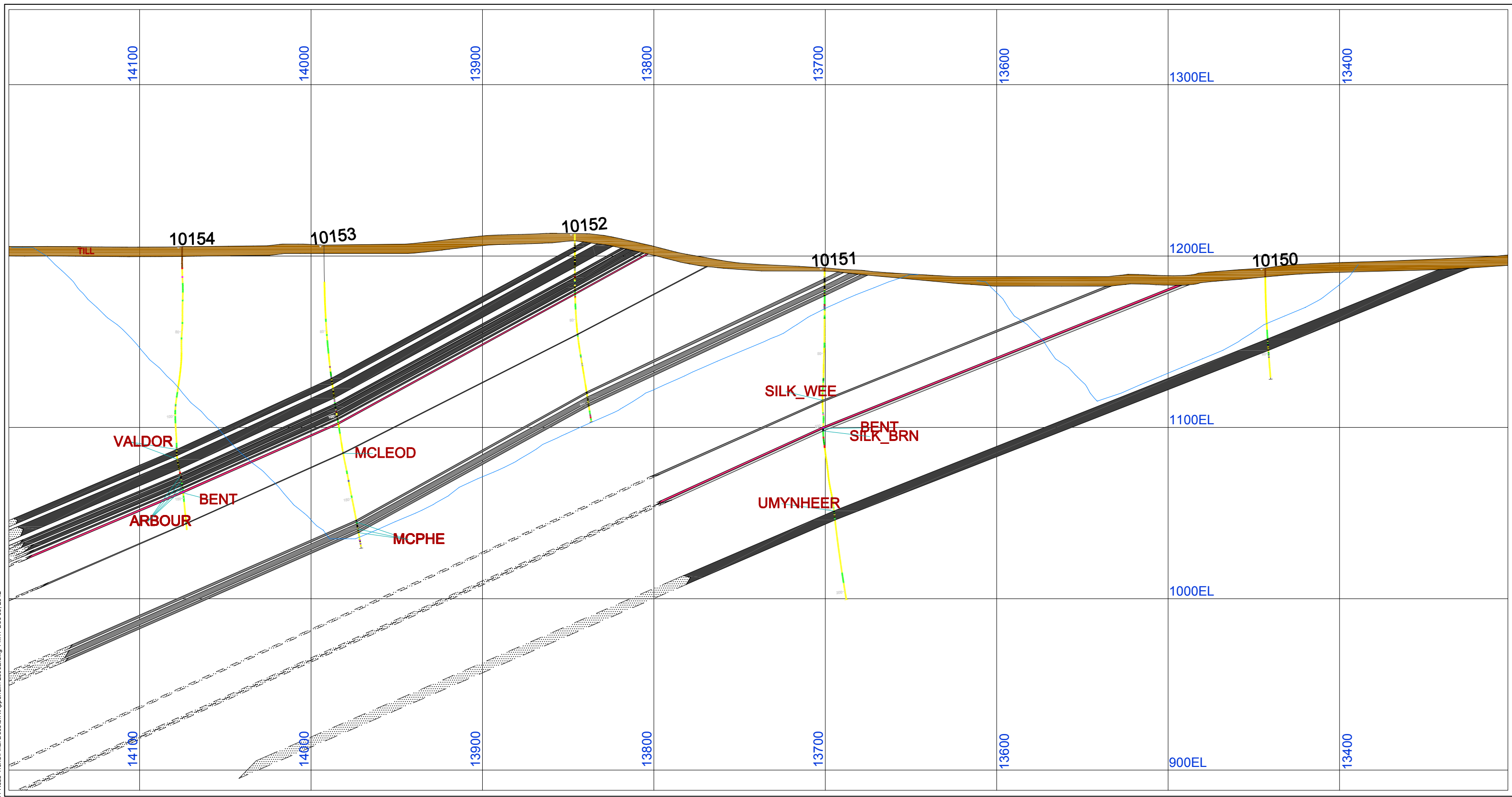


LEGEND					
Primary Coal		Glacial Till		Burnt rock	
Secondary Coal		Sandstone		Mined out/Void	
Tertiary Coal		Siltstone		Weathered Coal	
Inferred Lithology		Bentonite		Fault	
		Carby mudstone		Pit Design Surface	
				Dump Design Surface	

STRATIGRAPHY	
Val D'Or Seam	VALDOR
Arbour Seam	ARBOUR
McLeod Seam	MCLEOD
McPherson Seam	MCPHE
Silkstone - Wee Seam	SILK_WEE
Silkstone - Borne Seam	SILK_BRN
Mynheer Rider Seam	MYN_RIDE
Upper Mynheer Seam	UMYNHEER
Lower Mynheer Seam	LMYNHEER

<p><b>COAL VALLEY RESOURCES INC. ROBB TREND COAL STRUCTURE</b></p>			
<p>BY: MD</p>	<p>DATE: Nov 14, 2012</p>	<p>DRAWING NO.</p>	
<p>CHECKED: SL</p>	<p>DATE: Nov 15, 2012</p>	<p>ROBB TREND <b>SEC -3600E</b> (Section Looking East)</p>	
<p>SCALE: 0 50 100</p>			

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LEGEND					
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Secondary Coal		Sandstone		Mined out/Void	
Tertiary Coal		Siltstone		Weathered Coal	
Inferred Lithology		Bentonite		Fault	
		Carby mudstone		Pit Design Surface	
				Dump Design Surface	

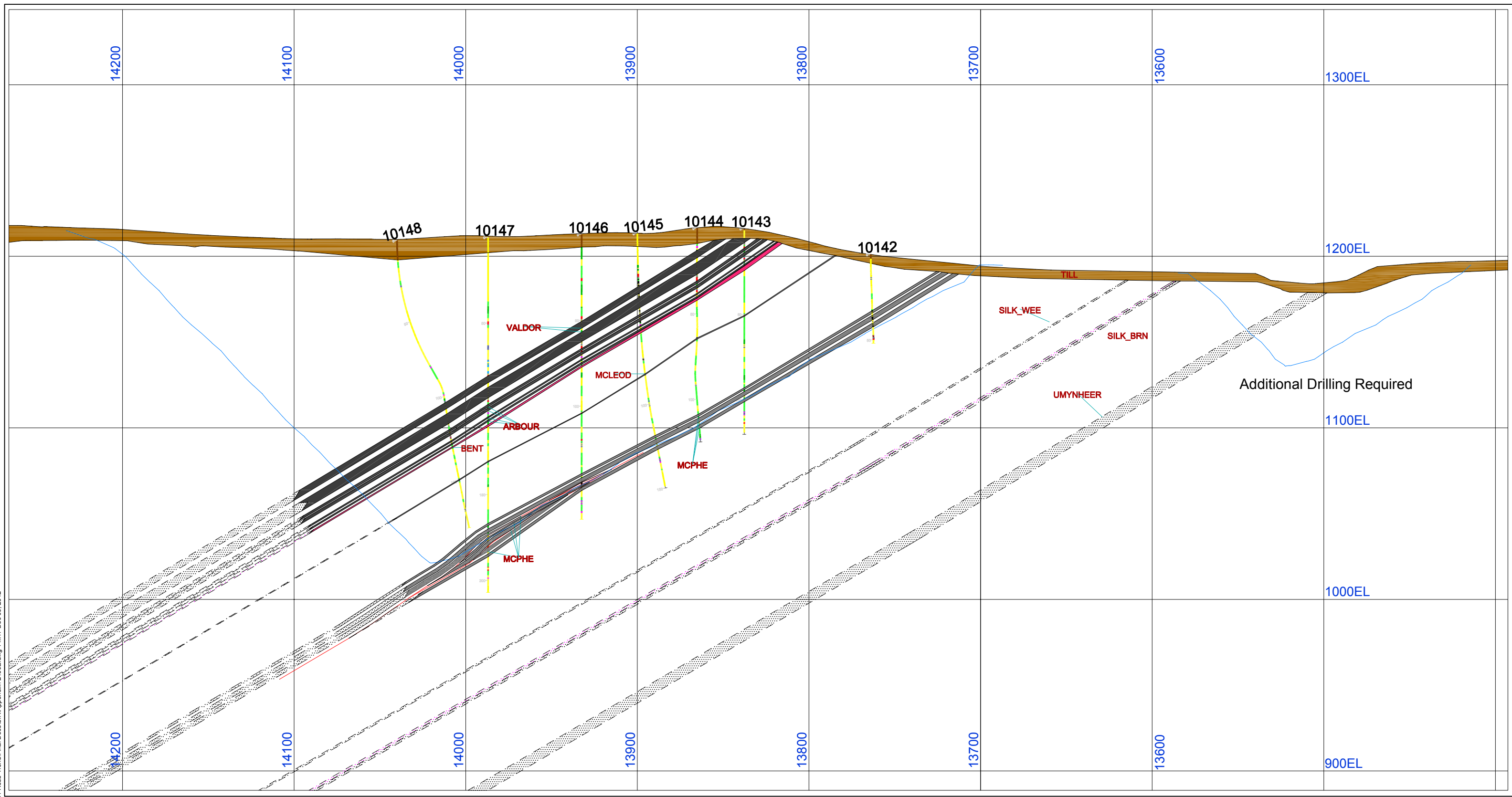
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Val D'Or Seam	VALDOR
Arbour Seam	ARBOUR
McLeod Seam	MCLEOD
McPherson Seam	MCPHE
Silkstone - Wee Seam	SILK_WEE
Silkstone - Borne Seam	SILK_BRN
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TITLE		
<b>COAL VALLEY RESOURCES INC. ROBB TREND COAL STRUCTURE</b>		
DRAWN	BY MD	DATE Nov 14, 2012
CHECKED	SL	Nov 15, 2012
SCALE	0 50 100	
<small>NOTE: All coordinates and references are Coal Valley Mine Coordinates</small>		

DRAWING NO.

**ROBB TREND  
SEC -2800E**  
(Section Looking East)

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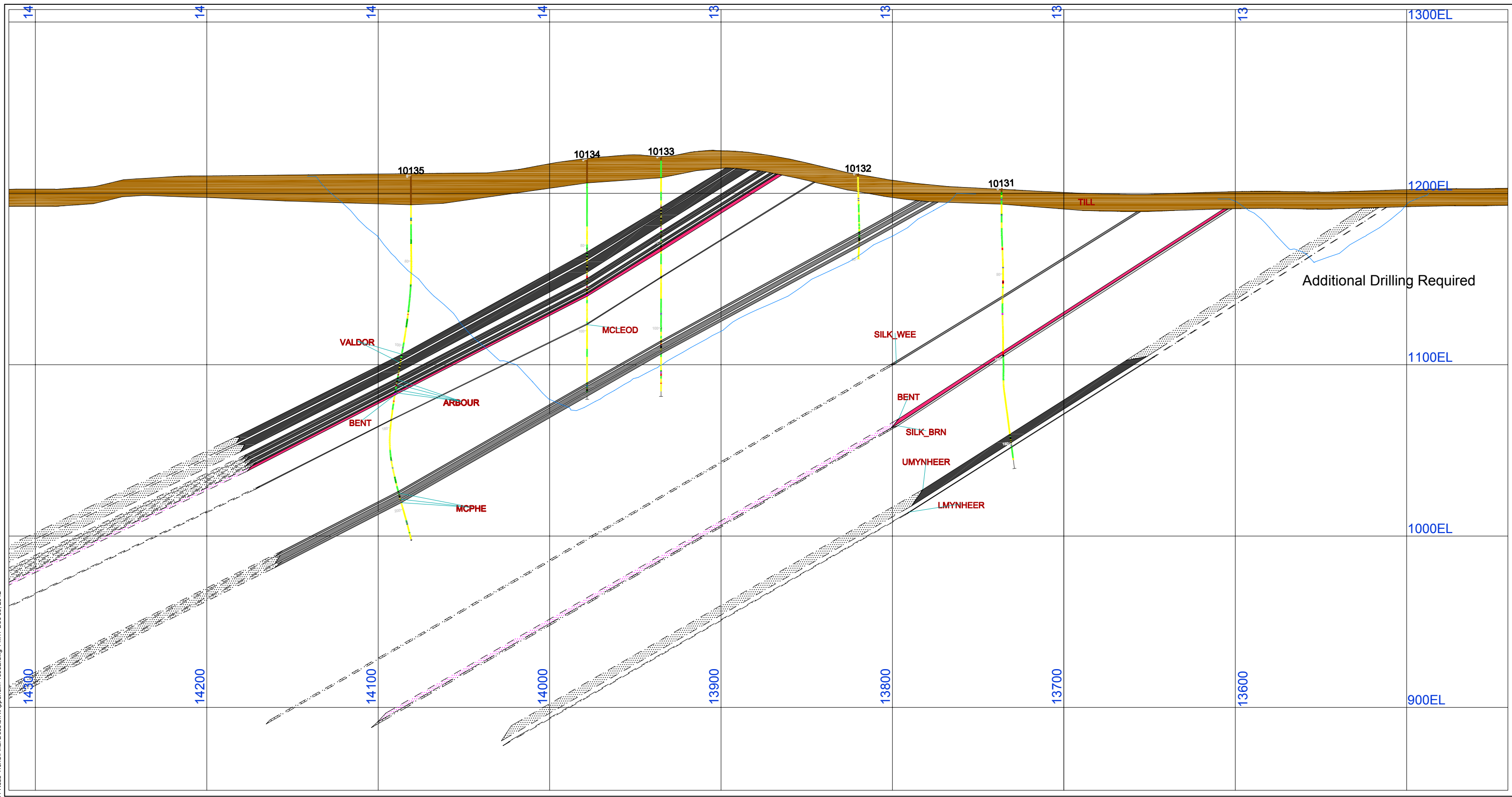
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Secondary Coal		Sandstone		Mined out/Void		Pit Design Surface	
Tertiary Coal		Siltstone		Weathered Coal		Dump Design Surface	
Inferred Lithology		Bentonite					
		Carby mudstone					

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Arbour Seam	ARBOUR
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DRAWN	MD	Nov 14, 2012	DRAWING NO.
CHECKED	SL	Nov 15, 2012	
SCALE	0      50      100		<b>ROBB TREND SEC -2450E</b> (Section Looking East)

NOTE: All coordinates and references are Coal Valley Map Coordinates.

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Secondary Coal		Sandstone		Mined out/Void	
Tertiary Coal		Siltstone		Weathered Coal	
Inferred Lithology		Bentonite		Fault	
		Carby mudstone		Pit Design Surface	
				Dump Design Surface	

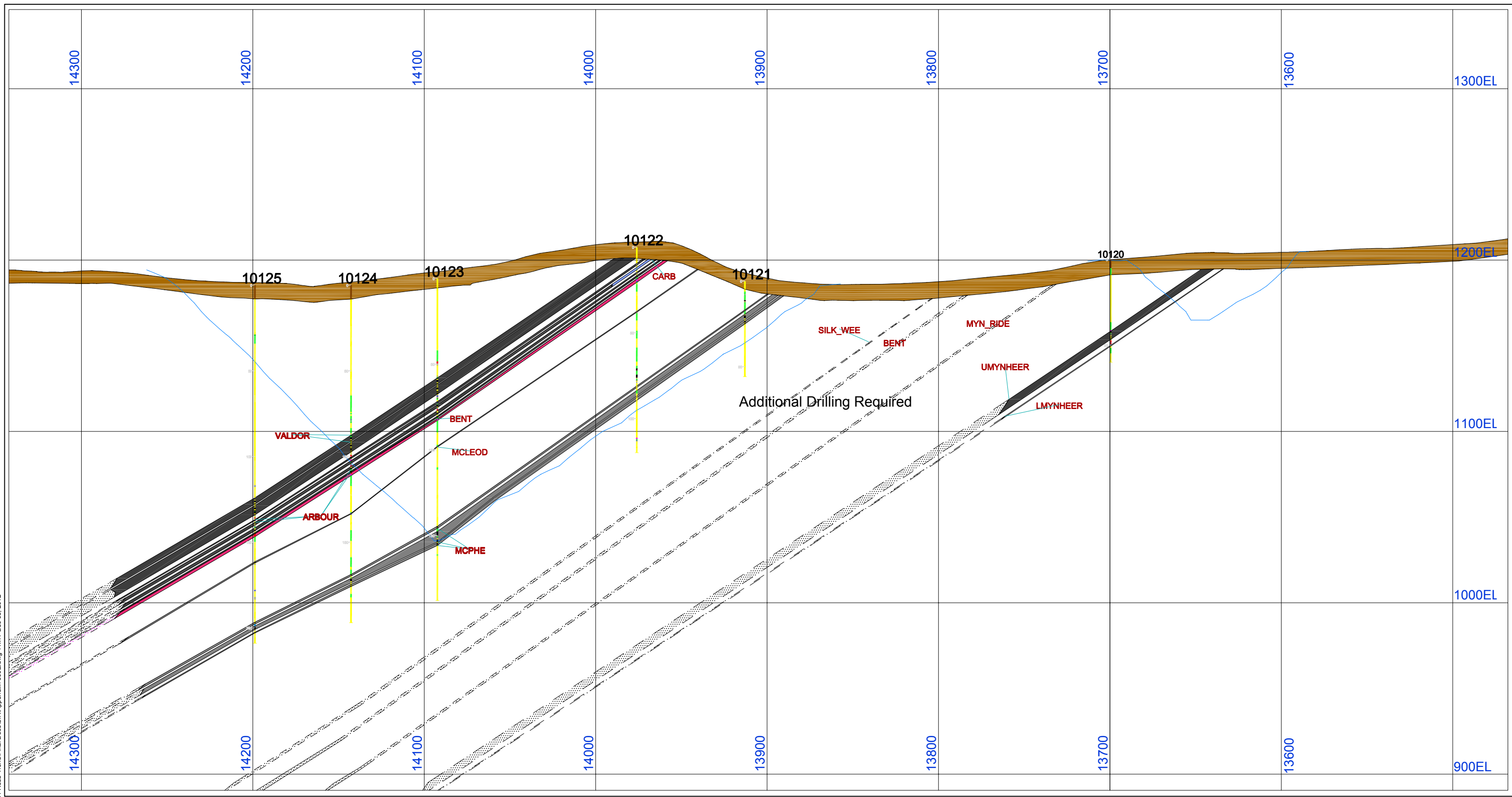
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Lower Mynheer Seam	LMYNHEER

<h2 style="text-align: center;">COAL VALLEY RESOURCES INC. ROBB TREND COAL STRUCTURE</h2>										
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BY	MD	DATE	Nov 14, 2012							
CHECKED	SL	DATE	Nov 15, 2012							
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NOTE: All coordinates and references are Coal Valley Map Coordinates.



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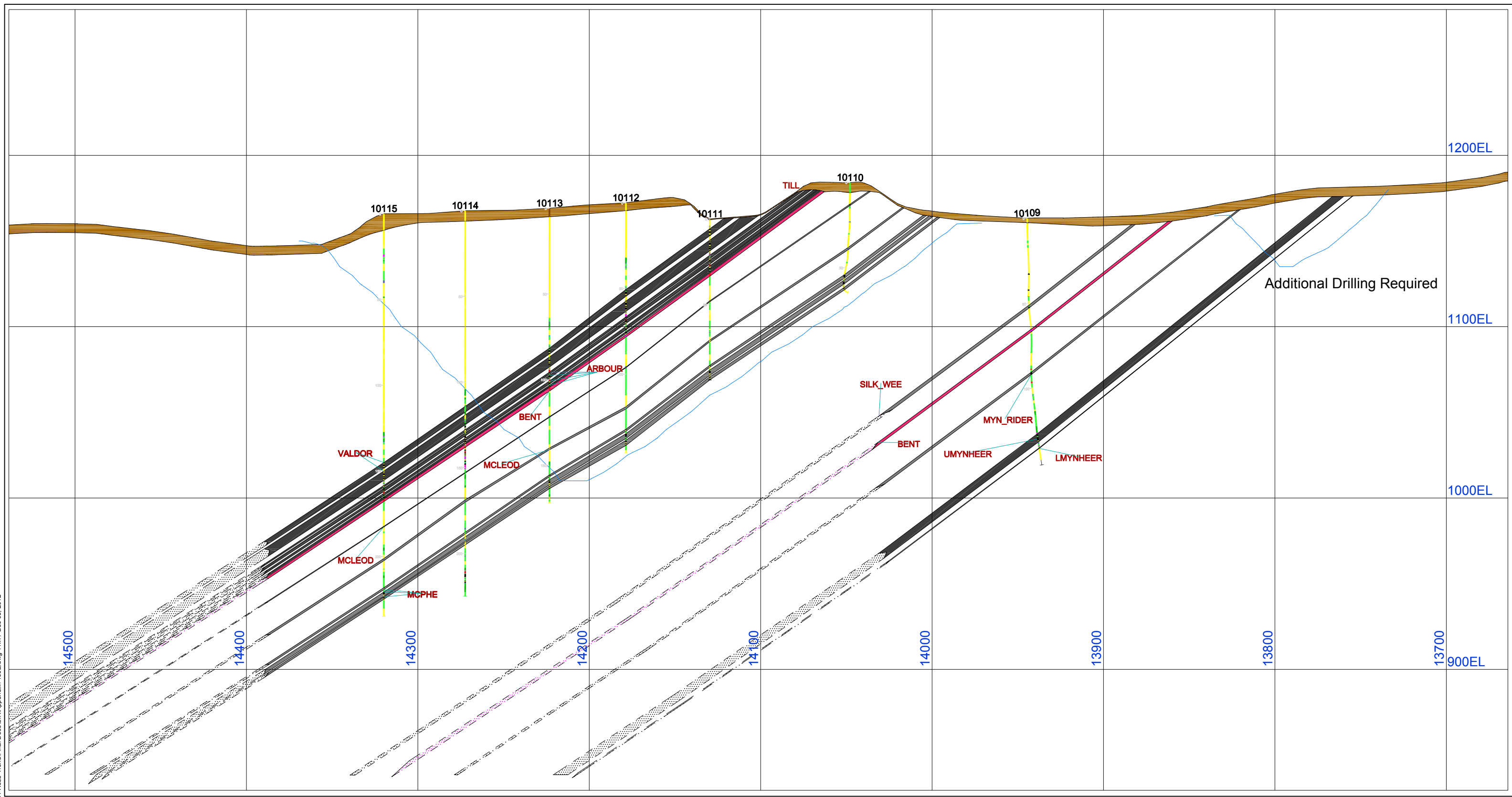
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Secondary Coal		Sandstone		Mined out/Void	
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		Carby mudstone		Pit Design Surface	
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<b>COAL VALLEY RESOURCES INC. ROBB TREND COAL STRUCTURE</b>			
BY MD	DATE Nov 14, 2012	DRAWING NO.	
CHECKED SL	DATE Nov 15, 2012		
SCALE 0 50 100			<b>ROBB TREND SEC -900E</b> (Section Looking East)

NOTE: All coordinates and references are Coal Valley Mine Coordinates.

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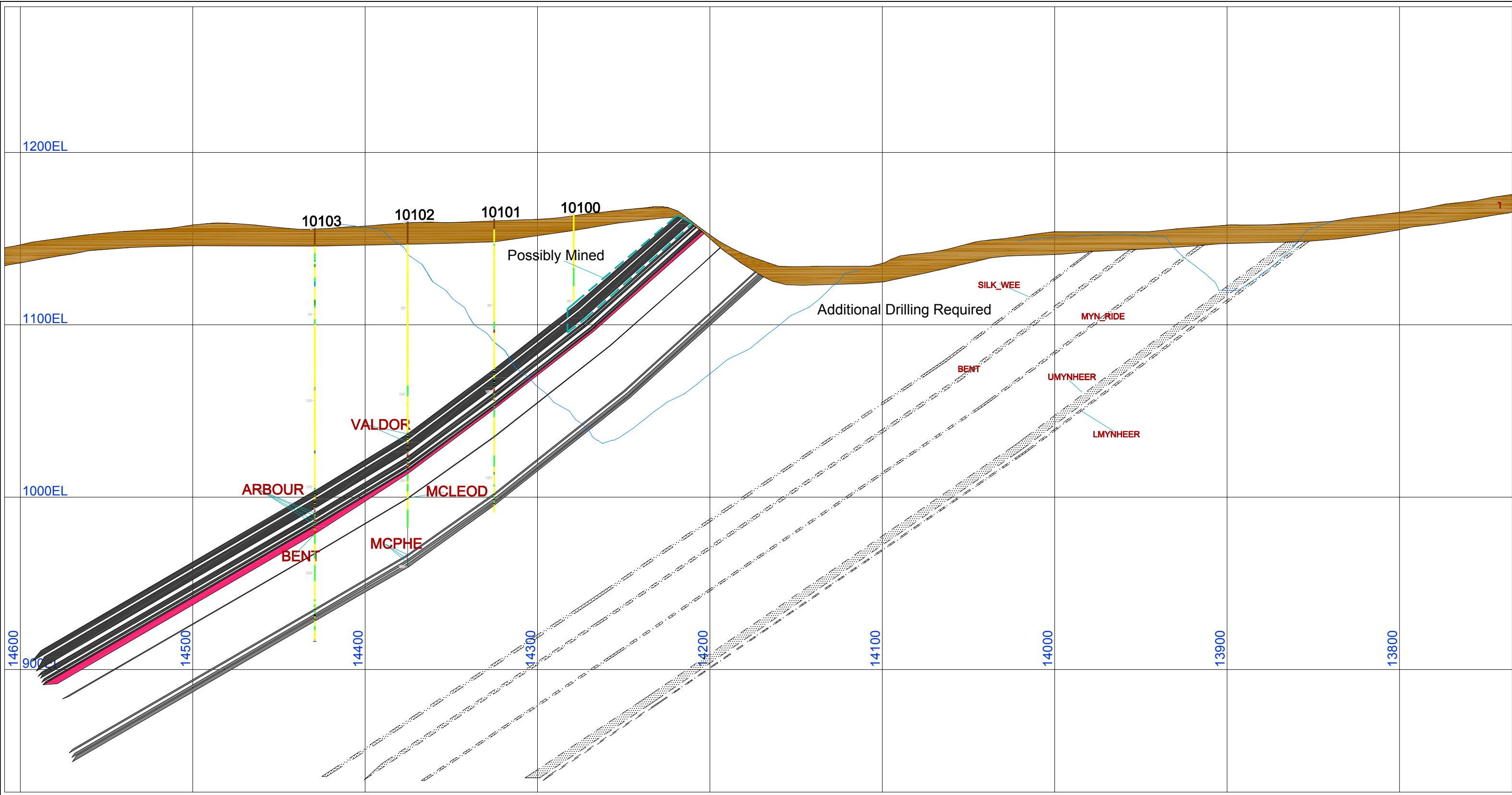
LEGEND					
Primary Coal		Glacial Till		Burnt rock	
Secondary Coal		Sandstone		Mined out/Void	
Tertiary Coal		Siltstone		Weathered Coal	
Inferred Lithology		Bentonite		Fault	
		Carby mudstone		Pit Design Surface	
				Dump Design Surface	

STRATIGRAPHY	
Val D'Or Seam	VALDOR
Arbour Seam	ARBOUR
McLeod Seam	MCLEOD
McPherson Seam	MCPHE
Silkstone - Wee Seam	SILK_WEE
Silkstone - Borne Seam	SILK_BRN
Mynheer Rider Seam	MYN_RIDE
Upper Mynheer Seam	UMYNHEER
Lower Mynheer Seam	LMYNHEER

<b>COAL VALLEY RESOURCES INC. ROBB TREND COAL STRUCTURE</b>			
BY	MD	DATE	
DRAWN	MD	Nov 14, 2012	DRAWING NO.
CHECKED	SL	Nov 15, 2012	
SCALE	0      50      100		<b>ROBB TREND SEC -100E</b> (Section Looking East)

NOTE: All coordinates and references are Coal Valley Mine Coordinates.

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Primary Coal		Glacial Till		Burnt rock		Fault	
Secondary Coal		Sandstone		Mined out/Void		Pit Design Surface	
Tertiary Coal		Siltstone		Weathered Coal		Dump Design Surface	
Inferred Lithology		Bentonite					
		Carby mudstone					

**STRATIGRAPHY**

Val D'Or Seam	<b>VALDOR</b>
Arbour Seam	<b>ARBOUR</b>
McLeod Seam	<b>MCLEOD</b>
McPherson Seam	<b>MCPHE</b>
Silkstone - Wee Seam	<b>SILK_WEE</b>
Silkstone - Borne Seam	<b>SILK_BRN</b>
Mynheer Rider Seam	<b>MYN_RIDE</b>
Upper Mynheer Seam	<b>UMYNHEER</b>
Lower Mynheer Seam	<b>LMYNHEER</b>

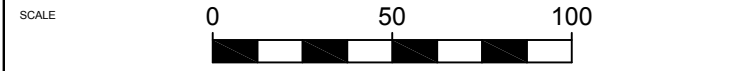
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**COAL VALLEY RESOURCES INC.  
ROBB TREND COAL STRUCTURE**

DRAWN	BY	DATE
CHECKED	MD	Nov 14, 2012
	SL	Nov 15, 2012

DRAWING NO.

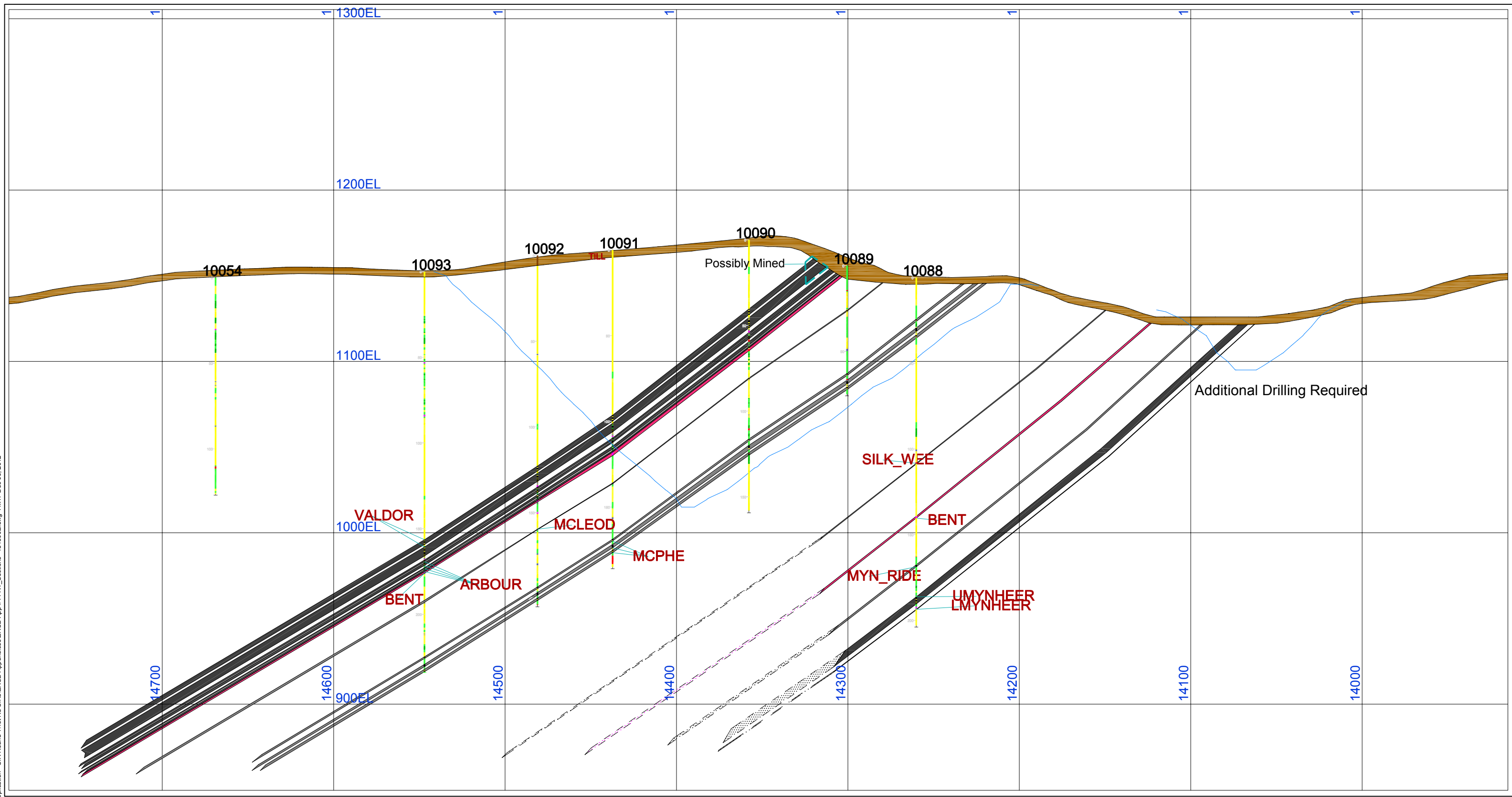
**ROBB TREND  
SEC 700E**  
(Section Looking East)



NOTE: All coordinates and references are Coal Valley Map Coordinates.

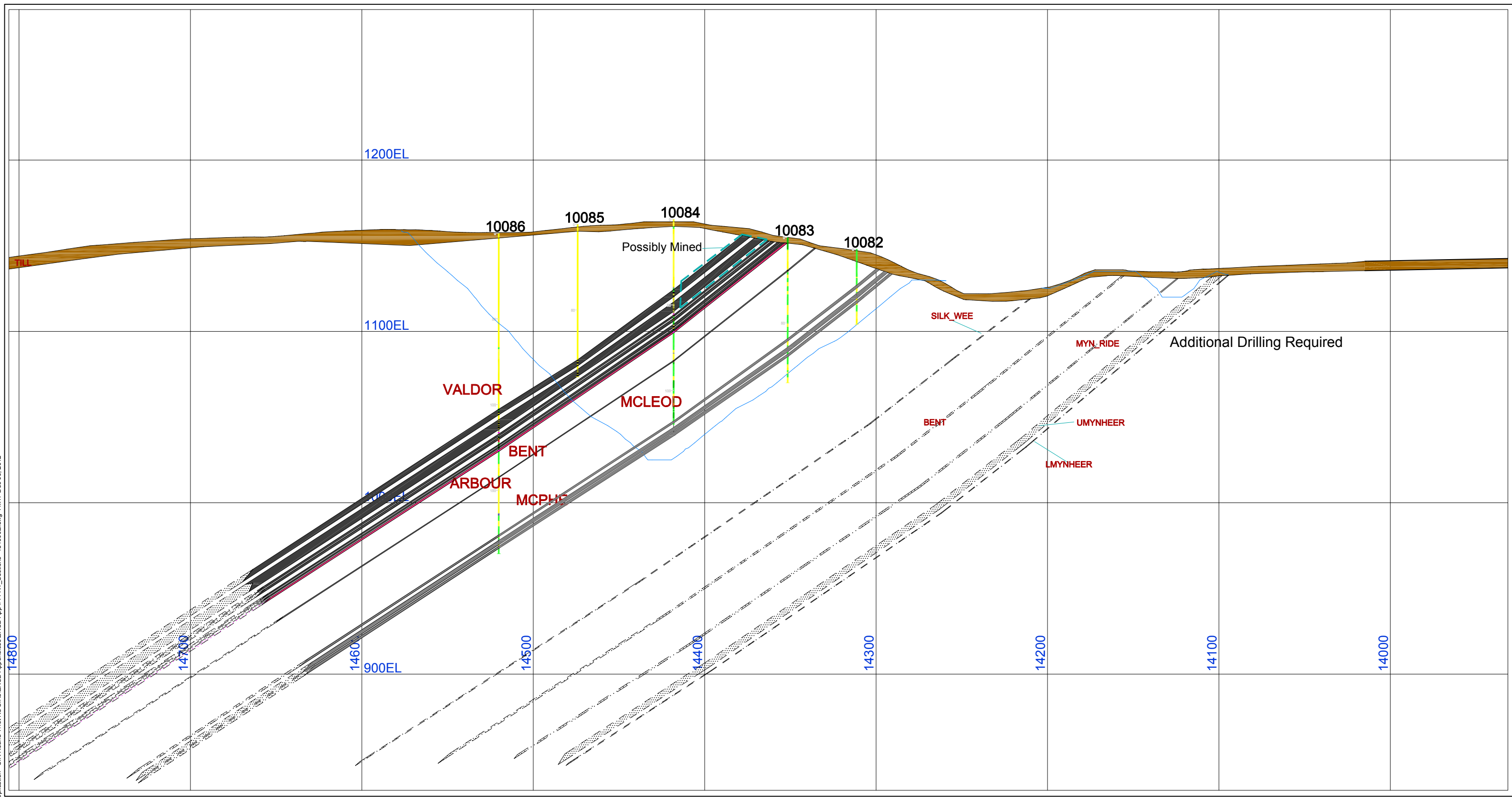


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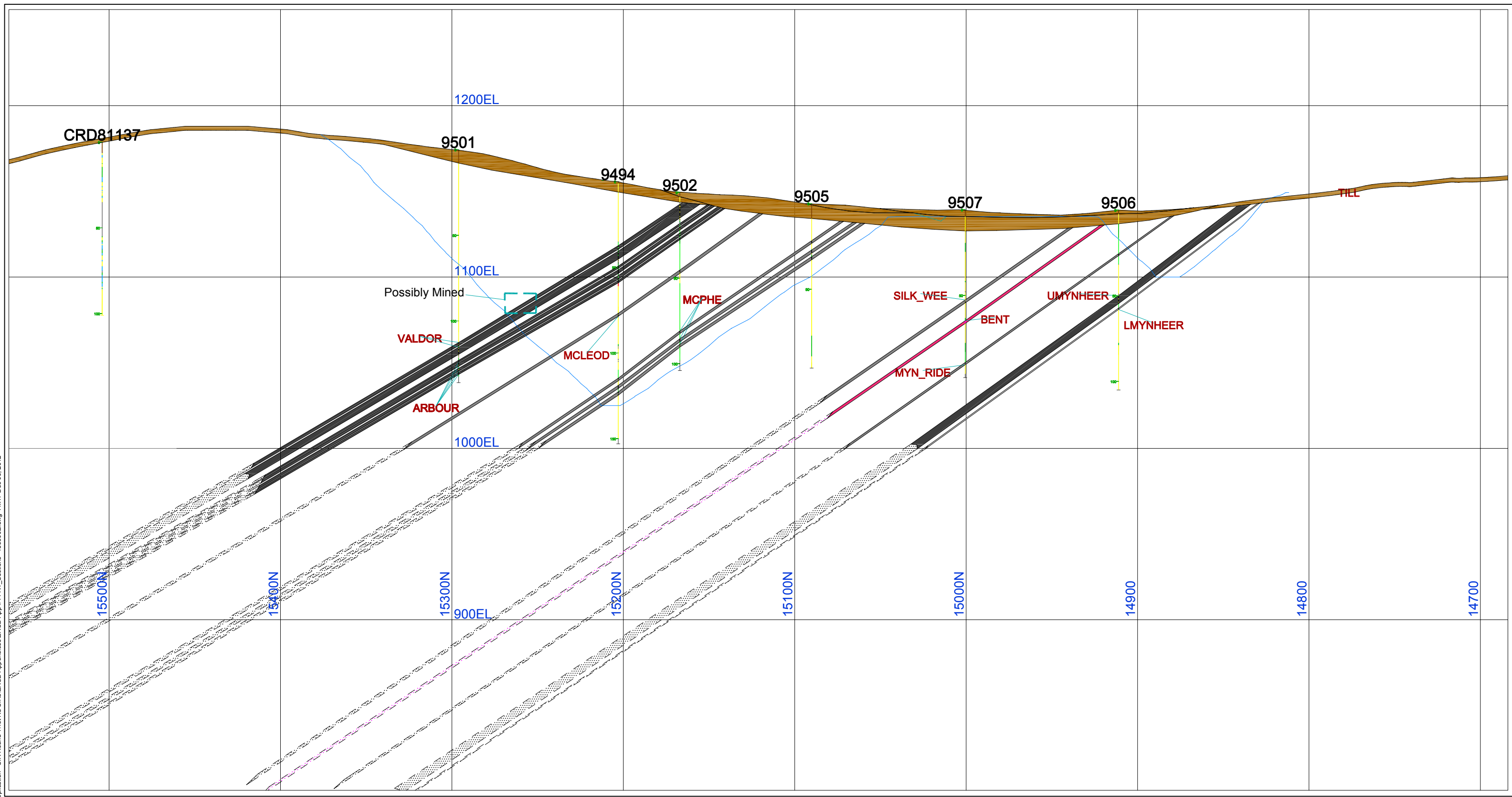


<b>LEGEND</b> Primary Coal: [Symbol] Glacial Till: [Symbol] Burnt rock: [Symbol] Fault: [Symbol] Secondary Coal: [Symbol] Sandstone: [Symbol] Mined out/Void: [Symbol] Pit Design Surface: [Symbol] Tertiary Coal: [Symbol] Siltstone: [Symbol] Weathered Coal: [Symbol] Dump Design Surface: [Symbol] Inferred Lithology: [Symbol] Bentonite: [Symbol] Carby mudstone: [Symbol]		<b>STRATIGRAPHY</b> Val D'Or Seam: VALDOR Arbour Seam: ARBOUR McLeod Seam: MCLEOD McPherson Seam: MCPHE Silkstone - Wee Seam: SILK_WEE Silkstone - Borne Seam: SILK_BRN Mynheer Rider Seam: MYN_RIDE Upper Mynheer Seam: UMYNHEER Lower Mynheer Seam: LMYNHEER		<b>TITLE</b> <h2 style="text-align: center;">COAL VALLEY RESOURCES INC. ROBB TREND COAL STRUCTURE</h2> <table border="1" style="width: 100%;"> <tr> <td>BY</td> <td>MD</td> <td>DATE</td> <td>Nov 14, 2012</td> </tr> <tr> <td>CHECKED</td> <td>SL</td> <td>DATE</td> <td>Nov 15, 2012</td> </tr> </table> <p>SCALE: 0 50 100</p> <p style="font-size: small;">NOTE: All coordinates and references are Coal Valley Map Coordinates.</p>		BY	MD	DATE	Nov 14, 2012	CHECKED	SL	DATE	Nov 15, 2012	<b>DRAWING NO.</b> <h3 style="text-align: center;">ROBB TREND SEC 1500E</h3> <p style="text-align: center;">(Section Looking East)</p>	
BY	MD	DATE	Nov 14, 2012												
CHECKED	SL	DATE	Nov 15, 2012												

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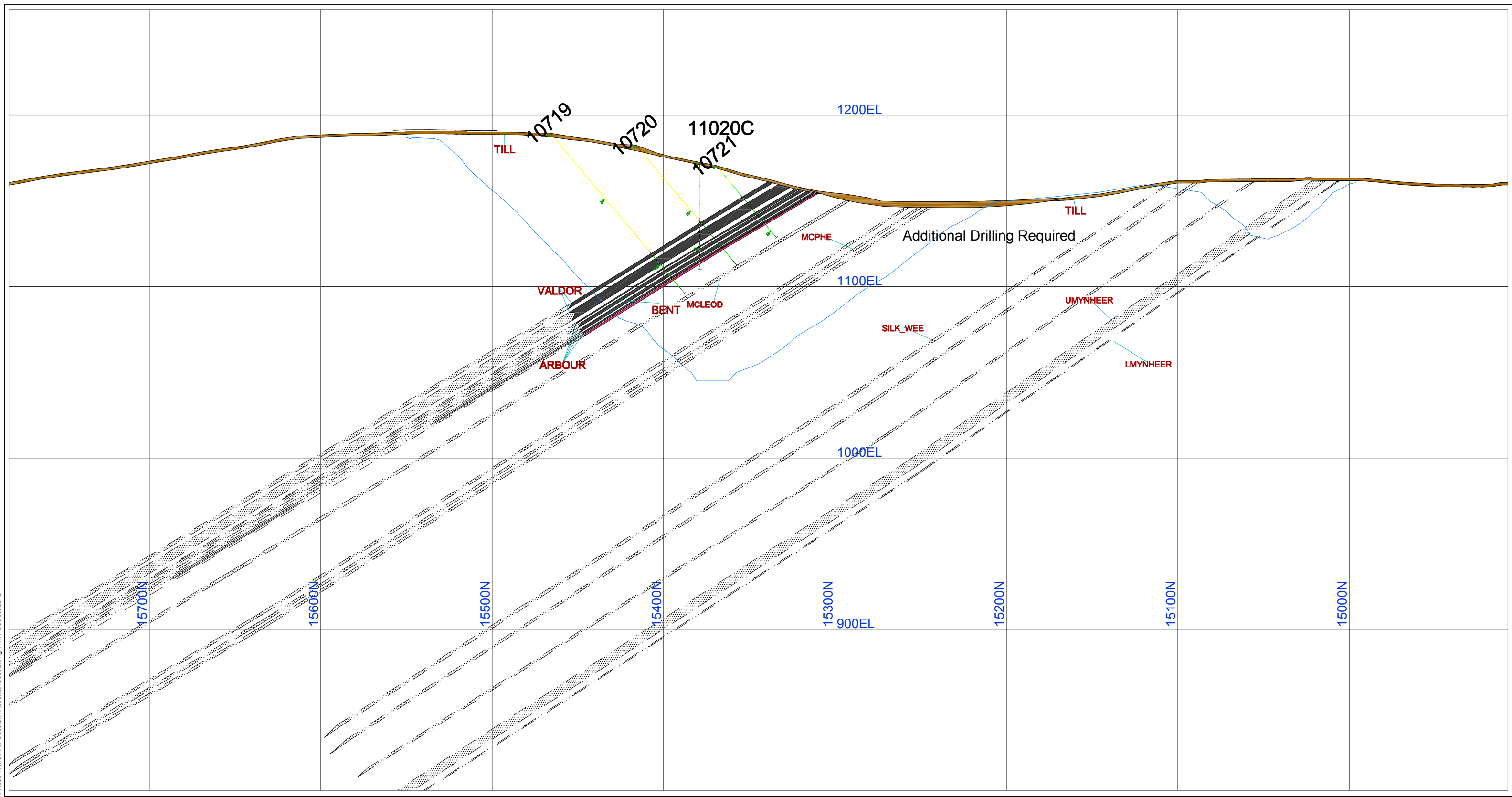
LEGEND					
Primary Coal		Glacial Till		Burnt rock	
Secondary Coal		Sandstone		Mined out/Void	
Tertiary Coal		Siltstone		Weathered Coal	
Inferred Lithology		Bentonite		Fault	
		Carby mudstone		Pit Design Surface	
				Dump Design Surface	

STRATIGRAPHY	
Val D'Or Seam	VALDOR
Arbour Seam	ARBOUR
McLeod Seam	MCLEOD
McPherson Seam	MCPHE
Silkstone - Wee Seam	SILK_WEE
Silkstone - Borne Seam	SILK_BRN
Mynheer Rider Seam	MYN_RIDE
Upper Mynheer Seam	UMYNHEER
Lower Mynheer Seam	LMYNHEER

<b>COAL VALLEY RESOURCES INC. ROBB TREND COAL STRUCTURE</b>			
DRAWN BY MD	DATE Nov 14, 2012	DRAWING NO.	
CHECKED BY SL	DATE Nov 19, 2012	<b>ROBB TREND SEC 5900E (Section Looking East)</b>	
SCALE 0 50 100			

NOTE: All coordinates and references are Coal Valley Mine Coordinates.

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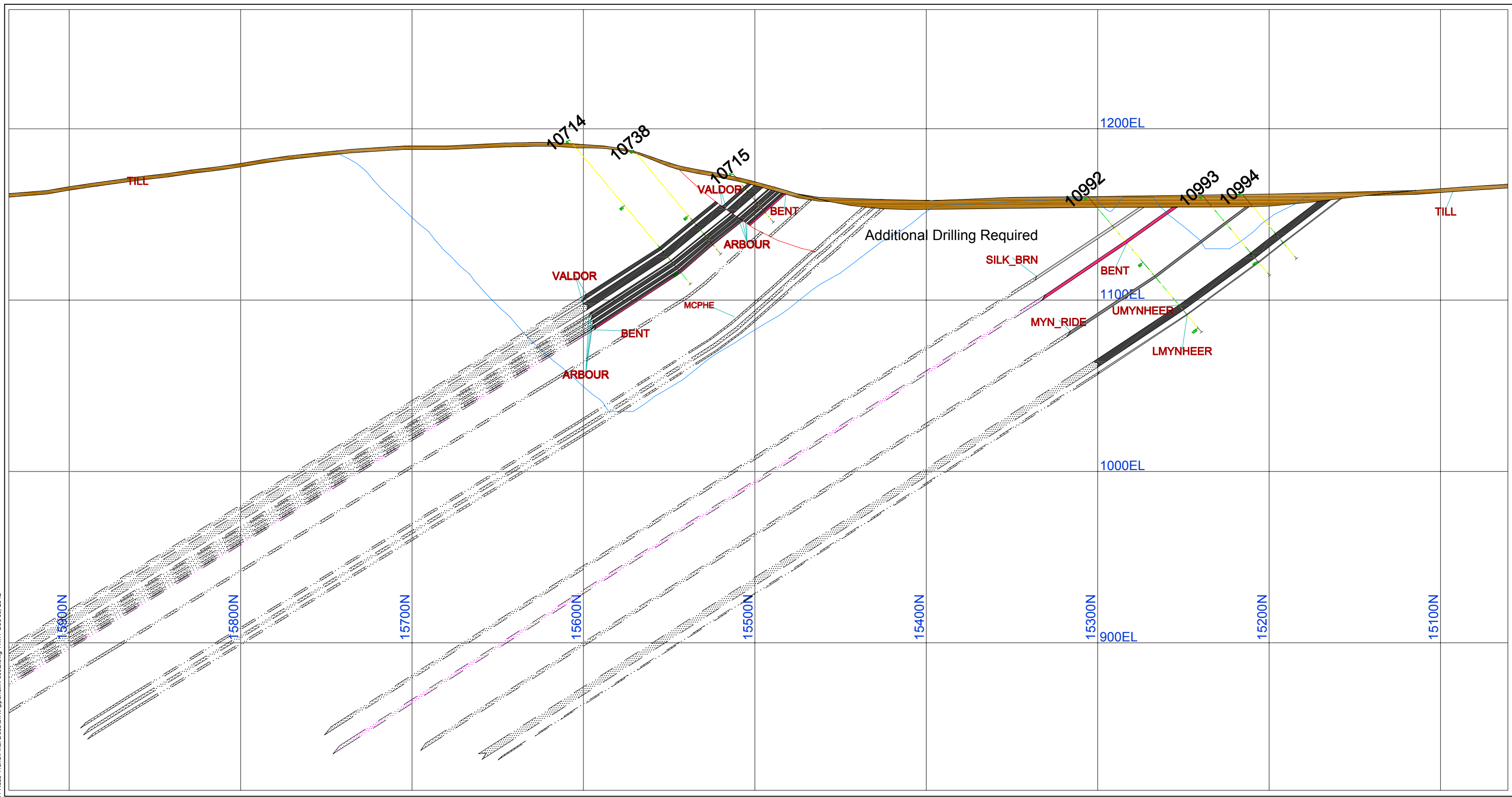


LEGEND					
Primary Coal		Glacial Till		Burnt rock	
Secondary Coal		Sandstone		Mined out/Void	
Tertiary Coal		Siltstone		Weathered Coal	
Inferred Lithology		Bentonite		Fault	
		Carby mudstone		Pit Design Surface	
				Dump Design Surface	

STRATIGRAPHY	
Val D'Or Seam	VALDOR
Arbour Seam	ARBOUR
McLeod Seam	MCLEOD
McPherson Seam	MCPHE
Silkstone - Wee Seam	SILK_WEE
Silkstone - Borne Seam	SILK_BRN
Mynheer Rider Seam	MYN_RIDE
Upper Mynheer Seam	UMYNHEER
Lower Mynheer Seam	LMYNHEER

<b>COAL VALLEY RESOURCES INC. ROBB TREND COAL STRUCTURE</b>			
DRAWN	BY MD	DATE Nov 14, 2012	
CHECKED	BY SL	DATE Nov 19, 2012	
SCALE			DRAWING NO.  <b>ROBB TREND SEC 6800E</b> (Section Looking East)
		NOTE: All coordinates and references are Coal Valley Mine Coordinates.	

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LEGEND					
Primary Coal		Glacial Till		Burnt rock	
Secondary Coal		Sandstone		Mined out/Void	
Tertiary Coal		Siltstone		Weathered Coal	
Inferred Lithology		Bentonite		Fault	
		Carby mudstone		Pit Design Surface	
				Dump Design Surface	

STRATIGRAPHY	
Val D'Or Seam	<b>VALDOR</b>
Arbour Seam	<b>ARBOUR</b>
McLeod Seam	<b>MCLEOD</b>
McPherson Seam	<b>MCPHE</b>
Silkstone - Wee Seam	<b>SILK_WEE</b>
Silkstone - Borne Seam	<b>SILK_BRN</b>
Mynheer Rider Seam	<b>MYN_RIDE</b>
Upper Mynheer Seam	<b>UMYNHEER</b>
Lower Mynheer Seam	<b>LMYNHEER</b>

**COAL VALLEY RESOURCES INC.  
ROBB TREND COAL STRUCTURE**

BY		DATE
DRAWN	MD	Nov 14, 2012
CHECKED		DATE
	SL	Nov 19, 2012

SCALE: 0 50 100

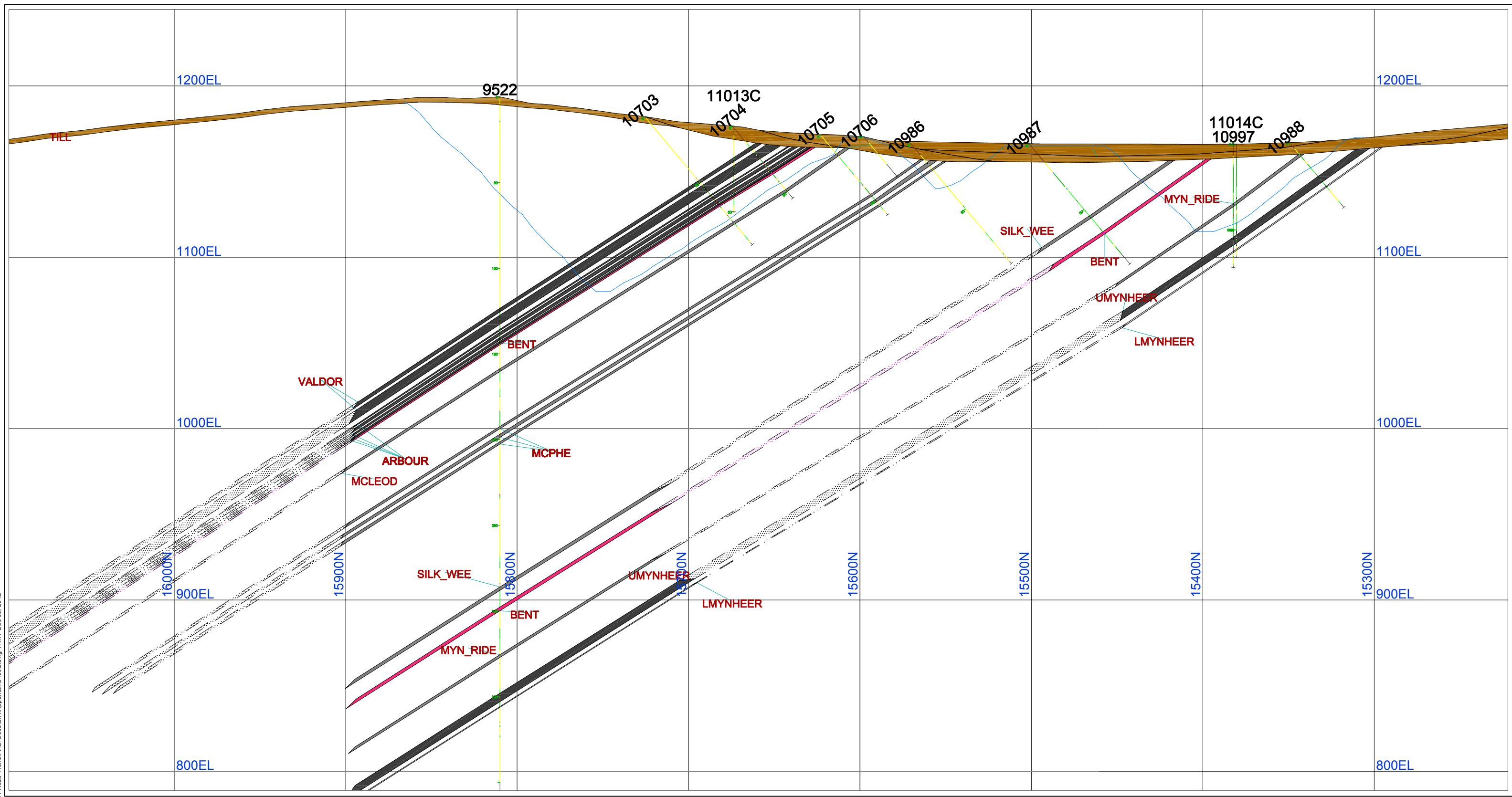
NOTE: All coordinates and references are Coal Valley Mine Coordinates

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DRAWING NO. **ROBB TREND  
SEC 7600E**  
(Section Looking East)



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LEGEND					
Primary Coal		Glacial Till		Burnt rock	
Secondary Coal		Sandstone		Mined out/Void	
Tertiary Coal		Siltstone		Weathered Coal	
Inferred Lithology		Bentonite		Fault	
		Carby mudstone		Pit Design Surface	
				Dump Design Surface	

STRATIGRAPHY	
Val D'Or Seam	VALDOR
Arbour Seam	ARBOUR
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Silkstone - Wee Seam	SILK_WEE
Silkstone - Borne Seam	SILK_BRN
Mynheer Rider Seam	MYN_RIDE
Upper Mynheer Seam	UMYNHEER
Lower Mynheer Seam	LMYNHEER

<b>COAL VALLEY RESOURCES INC. ROBB TREND COAL STRUCTURE</b>			
DRAWN	BY	DATE	
CHECKED	MD	Nov 14, 2012	
SCALE	SL	Nov 19, 2012	DRAWING NO.
		<b>ROBB TREND SEC 8400E</b> (Section Looking East)	

NOTE: All coordinates and references are Coal Valley Mine Coordinates.