

## PRE-DISTURBANCE ASSESSMENTS IN THE BOREAL FOREST OF NORTHERN ALBERTA

Matrix is a leader in pre-disturbance assessments (PDAs) and detailed conservation and reclamation (C&R) planning for in situ developments in the boreal region. We are recognized for our comprehensive client support, which is founded solidly on our:

- in depth and up to date understanding of PDA/C&R regulatory requirements;
- expertise in assessment of soil, vegetation and hydrology conditions of the boreal forest;
- understanding of the safety, geology and engineering considerations in facility layout and route alignments;
- preparation of detailed conservation and reclamation plans;
- extensive experience in construction requirements, equipment capability and construction supervision; and
- expertise in soil and vegetation management plans.

With these combined resources, Matrix is a strong contributor to our clients' successful PDA/C&R application processes and achievement of land management objectives.

PDAs are developed to meet the requirements of the Alberta Environment approval.



### Matrix Team

Matrix PDA/C&R professionals include:

- botanists and plant ecologists;
- rare plant specialists;
- wetland specialists;
- bryophyte specialists; and
- soil scientists with proficiency in soil surveys.

### Key PDA/C&R Projects

Matrix experience covers the development of PDA/C&R reporting for central processing facilities, production well pads, disposal wells, access roads and rights of way, and borrow pits. Our clientele includes:

- Imperial Oil Resources
- Koch Exploration
- MEG Energy Corp.
- Nexen Inc.
- Shell Canada Ltd.
- Statoil Canada Ltd.