

Appendix 1-D
Pre-Disturbance Assessments





PRE-DISTRUBANCE ASSESSMENT

Date: Sept 22, 2003

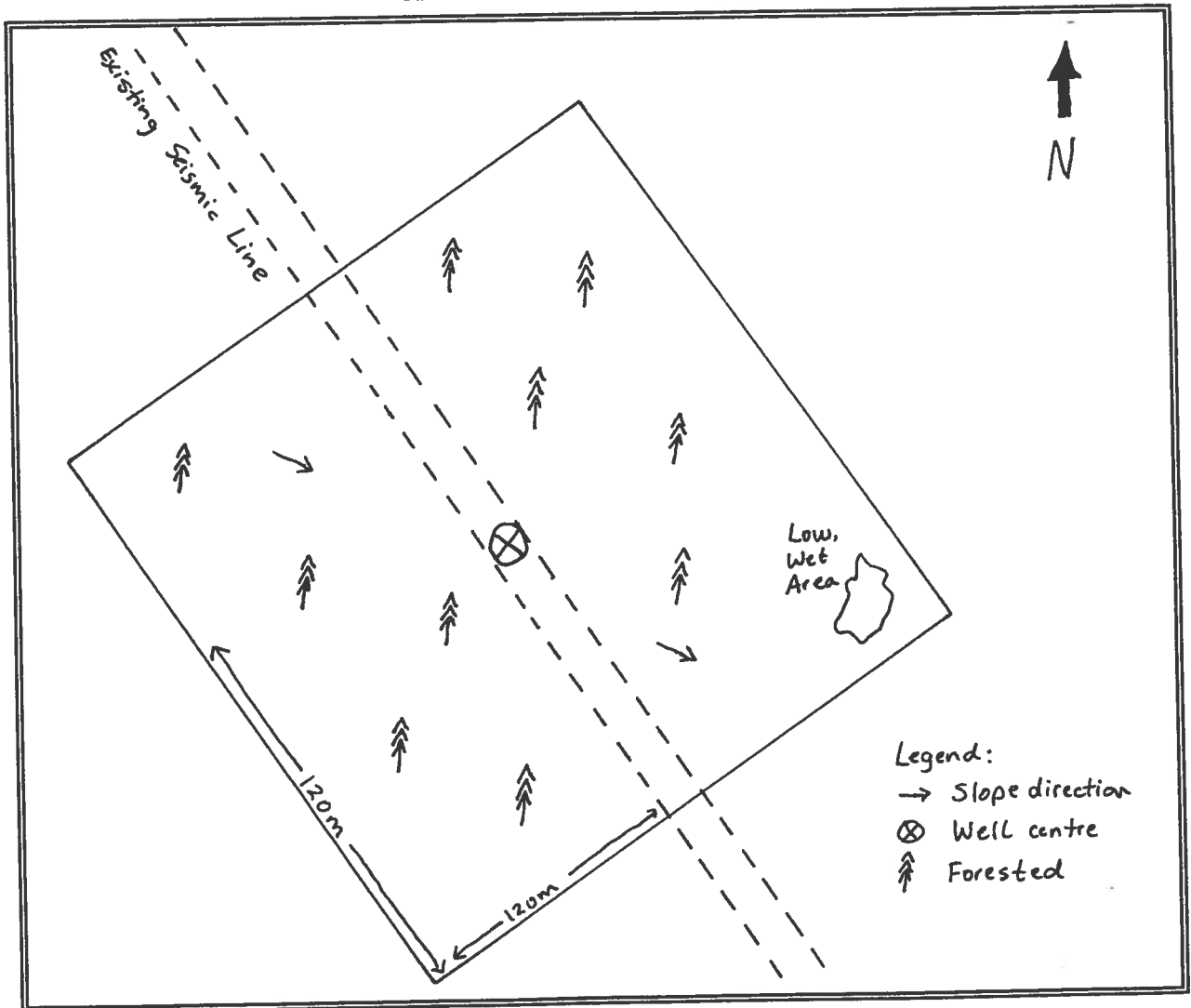
Assessor: Jenica von Kuster

Location: Paramount Apache Nogha B-23

Client Information: Paramount Resources Ltd.

- | | | | | |
|-----------------------------------|--|---|-------------------------------------|------------------------------------|
| <input type="checkbox"/> Oil Well | <input checked="" type="checkbox"/> Gas Well | <input type="checkbox"/> Injection Well | <input type="checkbox"/> Compressor | <input type="checkbox"/> Gas Plant |
| <input type="checkbox"/> Battery | <input type="checkbox"/> Pipeline | <input type="checkbox"/> Other: _____ | | |

SITE & ACCESS ROAD SKETCH





SITE CONDITIONS

Moisture conditions: Dry Moist Frozen

Current land use: Cultivated Hayland Pasture Native
 Forest White Forest Green Irrigated Muskeg
 Peat Wetland

Adjacent land use: Cultivated Hayland Pasture Native
 Forest White Forest Green Irrigated Muskeg
 Peat Wetland

Slope: <0.5% (nearly level) 10-15% (strongly sloping)
 0.5-2% (very gently sloping) 15-30% (steeply sloping)
 2-5% (gently sloping) >30% (very steeply sloping)
 5-10% (moderately sloping)

Drainage Direction: Gentle drainage to the southeast.

Topography: Level Rolling Hummocky Inclined
 Rocks Stones Gravel Bare Spots

Erosion potential: Low Medium High

Surface roughness: Flat Clods/Humps Rough

Stability (tension cracks, slumpage, subsidence, side hill seeps, or springs)

Note and describe: None noted.

Presence of Surface Water Features: Stream Spring Wet slough
 Seasonal Slough Artesian
 Lake River Other: _____

Location: None noted. A low wet area present in the southeast corner of site.



WILDLIFE

Animal sightings:

Species: _____	Species: _____
Species: _____	Species: _____
Species: _____	Species: _____
Species: _____	Species: _____
Species: _____	Species: _____

Evidence of animal activity (tracks, dens, burrows, droppings, trails, nests, etc):

Type: <u>Ground mice holes</u>	Location: <u>Throughout site</u>	Size: <u>5-10 cm</u>
Type: _____	Location: _____	Size: _____
Type: _____	Location: _____	Size: _____
Type: _____	Location: _____	Size: _____
Type: _____	Location: _____	Size: _____
Type: _____	Location: _____	Size: _____

VEGETATION

Vegetation: Terrestrial Upland Wetland
 % Cover 100 % Bare _____

Predominant species of forest cover to be removed:

<input type="checkbox"/> Balsam Poplar	<input type="checkbox"/> White Birch	<input type="checkbox"/> Balsam Fir	<input type="checkbox"/> Tamarack	<input type="checkbox"/> Dogwood
<input checked="" type="checkbox"/> Spruce	<input type="checkbox"/> Pine	<input type="checkbox"/> Aspen	<input type="checkbox"/> Mixed	<input type="checkbox"/> Other: _____

Salvageable Timber: Yes No Type: _____

Vigor: Good Fair Stunted Dead

Additional Comments: Site and surrounding area have evidence of
past forest fire.



W Corner	SOIL ASSESSMENT	N Corner
<p>A <u>5</u> cm</p> <p>B <u>15</u> cm</p> <p>C <u>SC - 60</u> cm</p> <p>Size: A <u>< 2</u> cm B <u>< 2</u> cm</p> <p>Texture: A <u>Peat</u> B <u>SCL</u></p> <p>% Rocks/Gravel: A <u>∅</u> B <u>15</u></p> <p>% Admixing: A <u>∅</u> B <u>∅</u></p> <p>Ex-ped Roots: A <u>/</u> B <u>/</u></p> <p><input checked="" type="checkbox"/> Friable <input type="checkbox"/> Firm <input type="checkbox"/> Hard</p> <p>Depth to Permafrost <u>80</u> cm</p>	<p>Well Centre</p>	<p>A <u>12</u> cm</p> <p>B <u>10</u> cm</p> <p>C <u>SC - 65</u> cm</p> <p>Size: A <u>< 2</u> cm B <u>< 2</u> cm</p> <p>Texture: A <u>Peat</u> B <u>L</u></p> <p>% Rocks/Gravel: A <u>5</u> B <u>15</u></p> <p>% Admixing: A <u>∅</u> B <u>∅</u></p> <p>Ex-ped Roots: A <u>/</u> B <u>/</u></p> <p><input checked="" type="checkbox"/> Friable <input type="checkbox"/> Firm <input type="checkbox"/> Hard</p> <p>Depth to Permafrost <u>87</u> cm</p>
<p>S Corner</p>	<p>A <u>10</u> cm</p> <p>B <u>5</u> cm</p> <p>C <u>76</u> cm</p> <p>Size: A <u>< 2</u> cm B <u>> 5</u> cm</p> <p>Texture: A <u>Peat</u> B <u>L</u></p> <p>% Rocks/Gravel: A <u>∅</u> B <u>∅</u></p> <p>% Admixing: A <u>∅</u> B <u>∅</u></p> <p>Ex-ped Roots: A <u>/</u> B <u>/</u></p> <p><input checked="" type="checkbox"/> Friable <input type="checkbox"/> Firm <input type="checkbox"/> Hard</p> <p>Depth to Permafrost <u>91</u> cm</p>	<p>E Corner</p>
<p>A <u>12</u> cm</p> <p>B <u>28</u> cm</p> <p>C <u>C - 55</u> cm</p> <p>Size: A <u>< 2</u> cm B <u>> 5</u> cm</p> <p>Texture: A <u>Peat</u> B <u>SCL</u></p> <p>% Rocks/Gravel: A <u>∅</u> B <u>∅</u></p> <p>% Admixing: A <u>∅</u> B <u>∅</u></p> <p>Ex-ped Roots: A <u>/</u> B <u>/</u></p> <p><input checked="" type="checkbox"/> Friable <input type="checkbox"/> Firm <input type="checkbox"/> Hard</p> <p>Depth to Permafrost <u>95</u> cm</p>		<p>A <u>12</u> cm</p> <p>B <u>10</u> cm</p> <p>C <u>SCL - 53</u> cm</p> <p>Size: A <u>< 2</u> cm B <u>< 2</u> cm</p> <p>Texture: A <u>Peat</u> B <u>L</u></p> <p>% Rocks/Gravel: A <u>∅</u> B <u>∅</u></p> <p>% Admixing: A <u>∅</u> B <u>∅</u></p> <p>Ex-ped Roots: A <u>/</u> B <u>/</u></p> <p><input checked="" type="checkbox"/> Friable <input type="checkbox"/> Firm <input type="checkbox"/> Hard</p> <p>Depth to Permafrost <u>75</u> cm</p>



W Corner	VEGETATION ASSESSMENT	N Corner
<p style="text-align: center;">5.</p> <p>Species: <u>Bl. Spruce, Tamarack</u> <u>Lab. tea, Willow, Moss,</u> <u>Green Alder, Bog birch, Lichen</u></p> <p>Density: <u>N/A</u> Height: <u>N/A</u> Health: <u>Good</u> % Live: <u>100</u> % Litter: <u>-</u> % Bare: <u>-</u></p> <p>Comments: Additional: Kinnickinnick, Blueberry. Snow cover</p>	<p>Well Centre</p>	<p style="text-align: center;">4.</p> <p>Species: <u>Bl. Spruce, Tamarack,</u> <u>Lab. tea, Willow, Green Alder</u> <u>Bog birch, Moss, Lichen</u></p> <p>Density: <u>N/A</u> Height: <u>N/A</u> Health: <u>Good</u> % Live: <u>100</u> % Litter: <u>-</u> % Bare: <u>-</u></p> <p>Comments: Additional: Kinnickinnick, Low bush cranberry, Blueberry. Snow cover</p>
<p>E Corner</p>	<p style="text-align: center;">3.</p> <p>Species: <u>Bl. Spruce, Tamarack,</u> <u>Lab. tea, Willow, Green Alder,</u> <u>Bog birch, Moss, Lichen,</u></p> <p>Density: <u>N/A</u> Height: <u>N/A</u> Health: <u>Good</u> % Live: <u>100</u> % Litter: <u>-</u> % Bare: <u>-</u></p> <p>Comments: Additional: Kinnickinnick, Low bush cranberry, Blueberry</p>	<p>S Corner</p>
<p style="text-align: center;">2.</p> <p>Species: <u>Bl. Spruce, Tamarack,</u> <u>Lab. tea, Willow, Green Alder,</u> <u>Bog birch, Moss, Lichen</u></p> <p>Density: <u>N/A</u> Height: <u>N/A</u> Health: <u>100</u> % Live: <u>-</u> % Litter: <u>-</u> % Bare: <u>-</u></p> <p>Comments: Additional: Kinnickinnick, Blueberry. Snow cover</p>		<p style="text-align: center;">1.</p> <p>Species: <u>Bl. Spruce, Tamarack</u> <u>Lab. tea, Willow, Green Alder,</u> <u>Bog birch, Moss, Lichen</u></p> <p>Density: <u>N/A</u> Height: <u>N/A</u> Health: <u>Good</u> % Live: <u>100</u> % Litter: <u>-</u> % Bare: <u>-</u></p> <p>Comments: Additional: Kinnickinnick, Low bush cranberry, Blueberry - Snow cover</p>



Photo 1: Looking southeast from well centre along access road on proposed Nogha B-23 wellsite.



Photo 2: Aerial view of wellsite looking north. Well centre marked by red arrow.



PRE-DISTRUBANCE ASSESSMENT

Date: Sept. 22, 2003

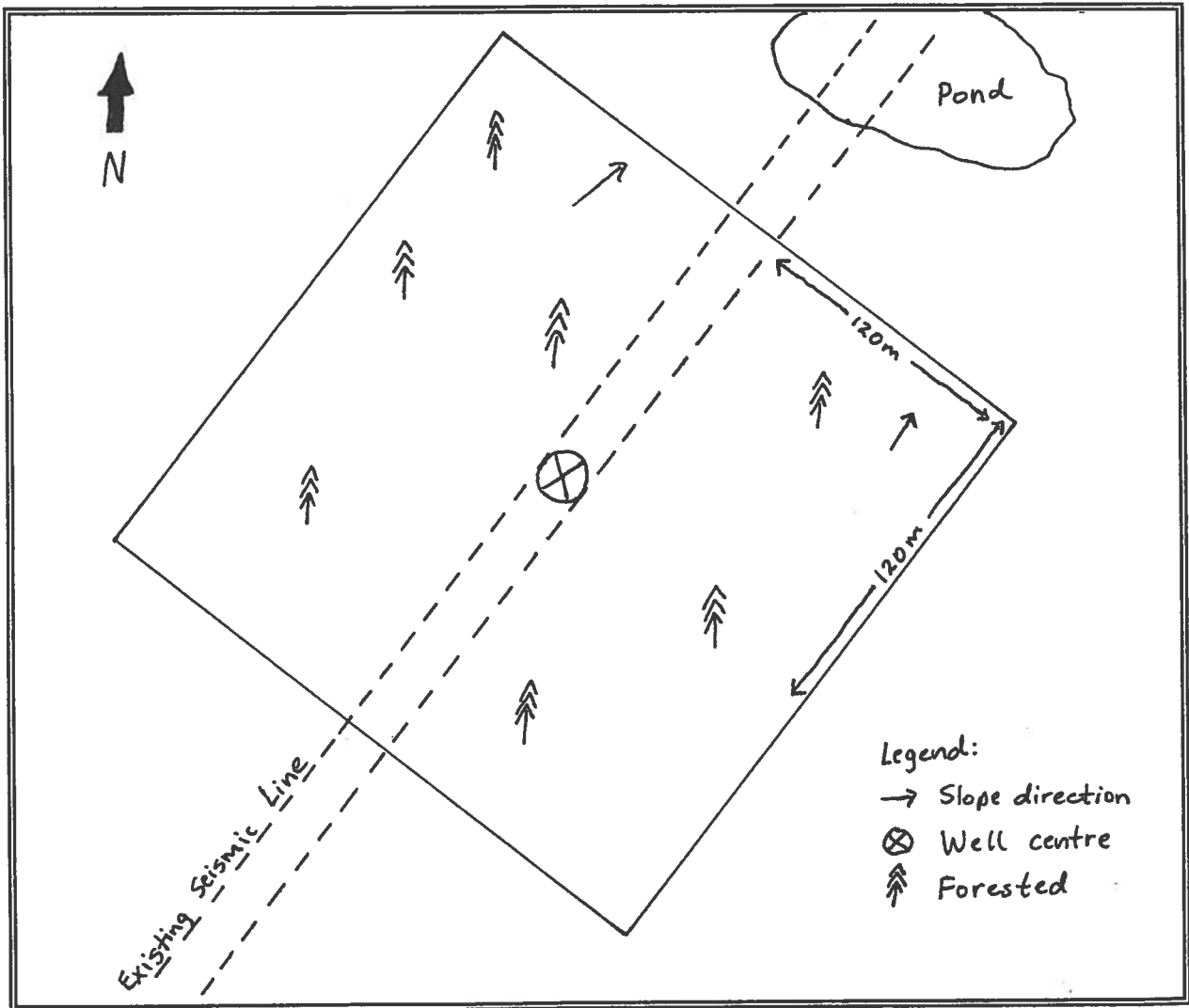
Assessor: Jenica von Kuster and Natalie Albert

Location: Paramount Apache West-Nogha K-14

Client Information: Paramount Resources Ltd.

- | | | | | |
|-----------------------------------|--|---|-------------------------------------|------------------------------------|
| <input type="checkbox"/> Oil Well | <input checked="" type="checkbox"/> Gas Well | <input type="checkbox"/> Injection Well | <input type="checkbox"/> Compressor | <input type="checkbox"/> Gas Plant |
| <input type="checkbox"/> Battery | <input type="checkbox"/> Pipeline | <input type="checkbox"/> Other: _____ | | |

SITE & ACCESS ROAD SKETCH





SITE CONDITIONS

Moisture conditions: Dry Moist Frozen

Current land use: Cultivated Hayland Pasture Native
 Forest White Forest Green Irrigated Muskeg
 Peat Wetland

Adjacent land use: Cultivated Hayland Pasture Native
 Forest White Forest Green Irrigated Muskeg
 Peat Wetland

Slope: <0.5% (nearly level) 10-15% (strongly sloping) -
 0.5-2% (very gently sloping) 15-30% (steeply sloping)
 2-5% (gently sloping) >30% (very steeply sloping)
 5-10% (moderately sloping)

Drainage Direction: Site is poorly drained but gently sloped to the northeast.

Topography: Level Rolling Hummocky Inclined
 Rocks Stones Gravel Bare Spots

Erosion potential: Low Medium High

Surface roughness: Flat Clods/Humps Rough

Stability (tension cracks, slumpage, subsidence, side hill seeps, or springs)

Note and describe: None noted.

Presence of Surface Water Features: Stream Spring Wet slough
 Seasonal Slough Artesian
 Lake River Other: _____

Location: Small pond near northeast boundary of lease
(approximately 75m) across access road.



WILDLIFE

Animal sightings:

Species: <u>Whiskey Jack</u>	Species: _____
Species: <u>Spruce Grouse</u>	Species: _____
Species: <u>Warblers</u>	Species: _____
Species: _____	Species: _____
Species: _____	Species: _____

Evidence of animal activity (tracks, dens, burrows, droppings, trails, nests, etc):

Type: <u>Moose tracks</u>	Location: <u>South end of site</u>	Size: <u>~20 cm length</u>
Type: <u>Rabbit tracks</u>	Location: <u>Throughout site</u>	Size: <u>~10 cm length</u>
Type: _____	Location: _____	Size: _____
Type: _____	Location: _____	Size: _____
Type: _____	Location: _____	Size: _____
Type: _____	Location: _____	Size: _____
Type: _____	Location: _____	Size: _____

VEGETATION

Vegetation: Terrestrial Upland Wetland
 % Cover 100 % Bare _____

Predominant species of forest cover to be removed:

Balsam Poplar White Birch Balsam Fir Tamarack Dogwood
 Spruce Pine Aspen Mixed Other: _____

Salvageable Timber: Yes No Type: _____

Vigor: Good Fair Stunted Dead

Additional Comments: Timber predominantly black spruce. Majority with diameters between 3 and 8 cm, very few larger than 8 cm



N Corner	SOIL ASSESSMENT	E Corner
<p>5.</p> <p>A <u>10</u> cm</p> <p>B <u>60</u> cm</p> <p>C <u>—</u> cm</p> <p>Size: A <u><2</u> cm B <u><2</u> cm</p> <p>Texture: A <u>Peat</u> B <u>SC</u></p> <p>% Rocks/Gravel: A <u>∅</u> B <u>30</u></p> <p>% Admixing: A <u>∅</u> B <u>∅</u></p> <p>Ex-ped Roots: A <u>/</u> B <u>/</u></p> <p><input checked="" type="checkbox"/> Friable <input type="checkbox"/> Firm <input type="checkbox"/> Hard</p> <p>Depth to Permafrost <u>70</u> cm</p>	<p>Well Centre</p>	<p>4.</p> <p>A <u>20</u> cm</p> <p>B <u>58</u> cm</p> <p>C <u>—</u> cm</p> <p>Size: A <u><2</u> cm B <u><2</u> cm</p> <p>Texture: A <u>Peat</u> B <u>SC</u></p> <p>% Rocks/Gravel: A <u>5</u> B <u>10</u></p> <p>% Admixing: A <u>∅</u> B <u>∅</u></p> <p>Ex-ped Roots: A <u>/</u> B <u>/</u></p> <p><input checked="" type="checkbox"/> Friable <input type="checkbox"/> Firm <input type="checkbox"/> Hard</p> <p>Depth to Permafrost <u>78</u> cm</p>
<p>W Corner</p>	<p>3.</p> <p>A <u>10</u> cm</p> <p>B <u>53</u> cm</p> <p>C <u>SC - 8</u> cm</p> <p>Size: A <u><2</u> cm B <u><2</u> cm</p> <p>Texture: A <u>Peat</u> B <u>L</u></p> <p>% Rocks/Gravel: A <u>∅</u> B <u>∅</u></p> <p>% Admixing: A <u>∅</u> B <u>∅</u></p> <p>Ex-ped Roots: A <u>/</u> B <u>/</u></p> <p><input checked="" type="checkbox"/> Friable <input type="checkbox"/> Firm <input type="checkbox"/> Hard</p> <p>Depth to Permafrost <u>71</u> cm</p>	<p>S Corner</p>
<p>2.</p> <p>A <u>15</u> cm</p> <p>B <u>40</u> cm</p> <p>C <u>SC - 25</u> cm</p> <p>Size: A <u><2</u> cm B <u><2</u> cm</p> <p>Texture: A <u>Peat</u> B <u>L</u></p> <p>% Rocks/Gravel: A <u>10</u> B <u>30</u></p> <p>% Admixing: A <u>∅</u> B <u>∅</u></p> <p>Ex-ped Roots: A <u>/</u> B <u>/</u></p> <p><input checked="" type="checkbox"/> Friable <input type="checkbox"/> Firm <input type="checkbox"/> Hard</p> <p>Depth to Permafrost <u>90</u> cm</p>		<p>1.</p> <p>A <u>10</u> cm</p> <p>B <u>18</u> cm</p> <p>C <u>SC - 50</u> cm</p> <p>Size: A <u><2</u> cm B <u><2</u> cm</p> <p>Texture: A <u>Peat</u> B <u>L</u></p> <p>% Rocks/Gravel: A <u>10</u> B <u>30</u></p> <p>% Admixing: A <u>∅</u> B <u>∅</u></p> <p>Ex-ped Roots: A <u>/</u> B <u>/</u></p> <p><input checked="" type="checkbox"/> Friable <input type="checkbox"/> Firm <input type="checkbox"/> Hard</p> <p>Depth to Permafrost <u>78</u> cm</p>



N Corner	VEGETATION ASSESSMENT	E Corner
<p style="text-align: center;">5.</p> <p>Species: <u>Bl. Spruce, bog birch,</u> <u>Labrador tea, Lichen, Moss,</u> <u>Kinnickinnick, Tamarack, Willow</u></p> <p>Density: <u>N/A</u></p> <p>Height: <u>N/A</u></p> <p>Health: <u>Good</u></p> <p>% Live: <u>90</u></p> <p>% Litter: <u>10</u></p> <p>% Bare: <u>-</u></p> <p>Comments: Snow cover</p>	<p>Well Centre</p>	<p style="text-align: center;">4.</p> <p>Species: <u>Bl. Spruce, bog birch,</u> <u>Labrador tea, Lichen, Moss</u> <u>Kinnickinnick, Tamarack, Willow</u></p> <p>Density: <u>N/A</u></p> <p>Height: <u>N/A</u></p> <p>Health: <u>Good</u></p> <p>% Live: <u>90</u></p> <p>% Litter: <u>10</u></p> <p>% Bare: <u>-</u></p> <p>Comments: Snow cover</p>
<p>W Corner</p>	<p style="text-align: center;">3.</p> <p>Species: <u>Bl. Spruce, Bog birch,</u> <u>Labrador tea, Lichen, Moss,</u> <u>Kinnickinnick, Tamarack, Willow</u></p> <p>Density: <u>N/A</u></p> <p>Height: <u>N/A</u></p> <p>Health: <u>Good</u></p> <p>% Live: <u>90</u></p> <p>% Litter: <u>10</u></p> <p>% Bare: <u>-</u></p> <p>Comments: On existing seismic line- cut vegetation. Snow cover</p>	<p>S Corner</p>
<p style="text-align: center;">2.</p> <p>Species: <u>Bl. Spruce, Bog birch</u> <u>Labrador tea, Lichen, Moss</u> <u>Kinnickinnick, Tamarack, Willow</u></p> <p>Density: <u>N/A</u></p> <p>Height: <u>N/A</u></p> <p>Health: <u>Good</u></p> <p>% Live: <u>90</u></p> <p>% Litter: <u>10</u></p> <p>% Bare: <u>-</u></p> <p>Comments: Snow cover</p>		<p style="text-align: center;">1.</p> <p>Species: <u>Bl. Spruce, Bog birch</u> <u>Labrador tea, Lichen, Moss,</u> <u>Kinnickinnick, Tamarack, Willow</u></p> <p>Density: <u>N/A</u></p> <p>Height: <u>N/A</u></p> <p>Health: <u>Good</u></p> <p>% Live: <u>90</u></p> <p>% Litter: <u>10</u></p> <p>% Bare: <u>-</u></p> <p>Comments: Snow cover</p>



Photo 1: Looking northwest from well centre across proposed West Nogha K-14 wellsite.



Photo 2: Aerial view of wellsite looking north. Well centre marked by red arrow. Note small lake approximately 75m from northeast boundary of lease.

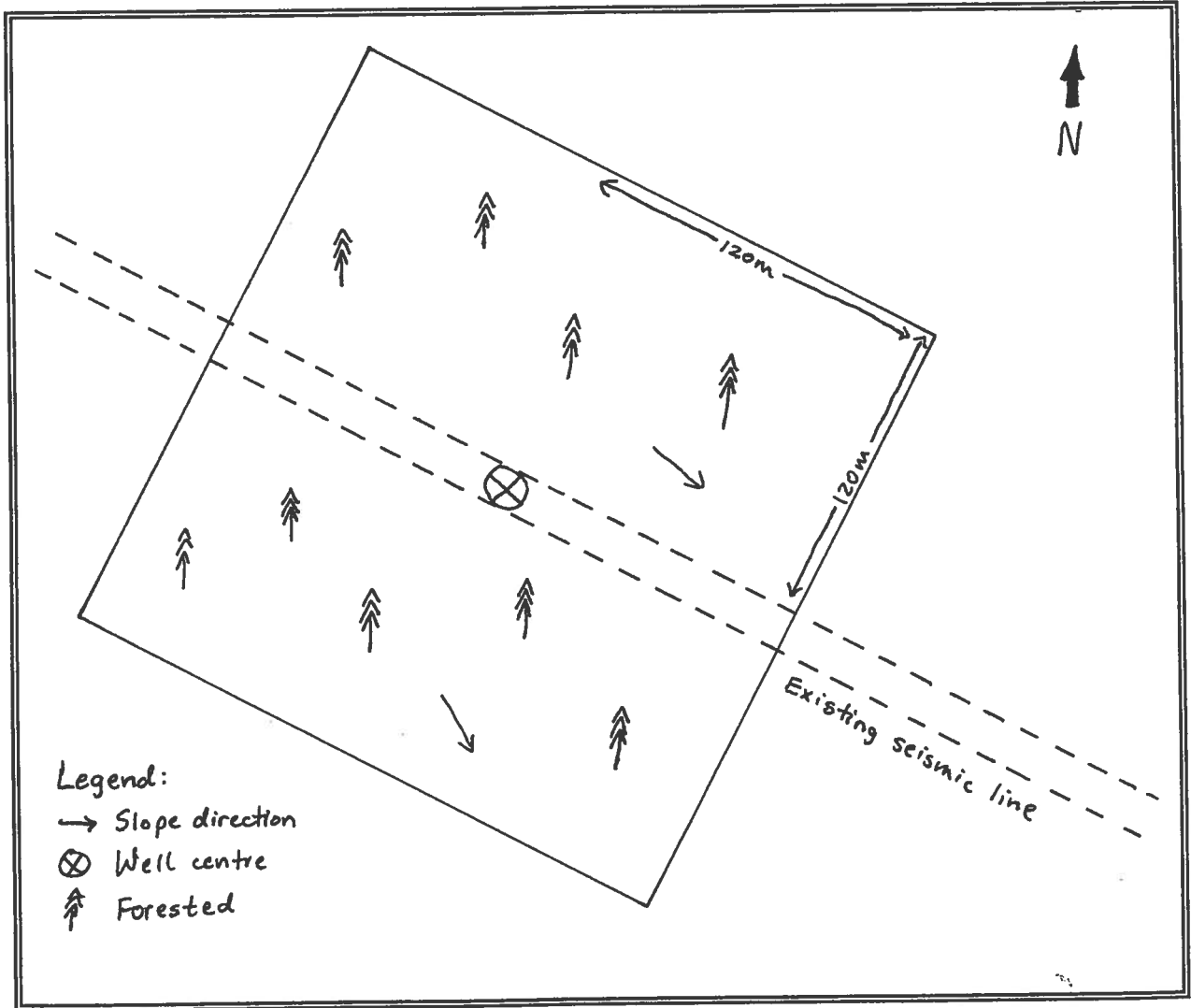


PRE-DISTRUBANCE ASSESSMENT

Date: Sept. 22. 2003
Assessor: Jenica von Kuster and Natalie Albert
Location: Paramount Apache North Tunage E-44
Client Information: Paramount Resources Ltd.

- Oil Well Gas Well Injection Well Compressor Gas Plant
 Battery Pipeline Other: _____

SITE & ACCESS ROAD SKETCH





SITE CONDITIONS

Moisture conditions: Dry Moist Frozen

Current land use: Cultivated Hayland Pasture Native
 Forest White Forest Green Irrigated Muskeg
 Peat Wetland

Adjacent land use: Cultivated Hayland Pasture Native
 Forest White Forest Green Irrigated Muskeg
 Peat Wetland

Slope: <0.5% (nearly level) 10-15% (strongly sloping)
 0.5-2% (very gently sloping) 15-30% (steeply sloping)
 2-5% (gently sloping) >30% (very steeply sloping)
 5-10% (moderately sloping)

Drainage Direction: Site is poorly drained with slight tendency to southeast

Topography: Level Rolling Hummocky Inclined
 Rocks Stones Gravel Bare Spots

Erosion potential: Low Medium High

Surface roughness: Flat Clods/Humps Rough

Stability (tension cracks, slumpage, subsidence, side hill seeps, or springs)

Note and describe: None noted.

Presence of Surface Water Features: Stream Spring Wet slough
 Seasonal Slough Artesian
 Lake River Other: _____

Location: None noted.



WILDLIFE

Animal sightings:

Species: _____	Species: _____
Species: _____	Species: _____
Species: _____	Species: _____
Species: _____	Species: _____
Species: _____	Species: _____

Evidence of animal activity (tracks, dens, burrows, droppings, trails, nests, etc):

Type: <u>Ground mice burrows</u>	Location: <u>Throughout site</u>	Size: <u>5-10 cm</u>
Type: _____	Location: _____	Size: _____
Type: _____	Location: _____	Size: _____
Type: _____	Location: _____	Size: _____
Type: _____	Location: _____	Size: _____
Type: _____	Location: _____	Size: _____
Type: _____	Location: _____	Size: _____

VEGETATION

Vegetation: Terrestrial Upland Wetland
 % Cover 100 % Bare _____

Predominant species of forest cover to be removed:

<input type="checkbox"/> Balsam Poplar	<input type="checkbox"/> White Birch	<input type="checkbox"/> Balsam Fir	<input type="checkbox"/> Tamarack	<input type="checkbox"/> Dogwood
<input checked="" type="checkbox"/> Spruce	<input type="checkbox"/> Pine	<input type="checkbox"/> Aspen	<input type="checkbox"/> Mixed	<input type="checkbox"/> Other: _____

Salvageable Timber: Yes No Type: _____

Vigor: Good Fair Stunted Dead

Additional Comments: _____



W Corner	SOIL ASSESSMENT	N Corner
<p>5.</p> <p>A <u>10</u> cm</p> <p>B <u>8</u> cm</p> <p>C <u>SC - 68</u> cm</p> <p>Size: A <u>2-5</u> cm B <u>2-5</u> cm</p> <p>Texture: A <u>Peat</u> B <u>L</u></p> <p>% Rocks/Gravel: A <u>∅</u> B <u>∅</u></p> <p>% Admixing: A <u>∅</u> B <u>∅</u></p> <p>Ex-ped Roots: A <u>/</u> B <u>/</u></p> <p><input checked="" type="checkbox"/> Friable <input type="checkbox"/> Firm <input type="checkbox"/> Hard</p> <p>Depth to Permafrost <u>86</u> cm</p>	<p>Well Centre</p>	<p>4.</p> <p>A <u>15</u> cm</p> <p>B <u>23</u> cm</p> <p>C <u>SC - 53</u> cm</p> <p>Size: A <u>2-5</u> cm B <u>2-5</u> cm</p> <p>Texture: A <u>Peat</u> B <u>L</u></p> <p>% Rocks/Gravel: A <u>0</u> B <u>5</u></p> <p>% Admixing: A <u>∅</u> B <u>∅</u></p> <p>Ex-ped Roots: A <u>/</u> B <u>/</u></p> <p><input checked="" type="checkbox"/> Friable <input type="checkbox"/> Firm <input type="checkbox"/> Hard</p> <p>Depth to Permafrost <u>91</u> cm</p>
	<p>3.</p> <p>A <u>20</u> cm</p> <p>B <u>10</u> cm</p> <p>C <u>SC - 66</u> cm</p> <p>Size: A <u>2-5</u> cm B <u>2-5</u> cm</p> <p>Texture: A <u>Peat</u> B <u>L</u></p> <p>% Rocks/Gravel: A <u>∅</u> B <u>∅</u></p> <p>% Admixing: A <u>∅</u> B <u>∅</u></p> <p>Ex-ped Roots: A <u>/</u> B <u>/</u></p> <p><input checked="" type="checkbox"/> Friable <input type="checkbox"/> Firm <input type="checkbox"/> Hard</p> <p>Depth to Permafrost <u>96</u> cm</p>	
<p>E Corner</p> <p>2.</p> <p>A <u>15</u> cm</p> <p>B <u>10</u> cm</p> <p>C <u>SC - 66</u> cm</p> <p>Size: A <u>2-5</u> cm B <u>2-5</u> cm</p> <p>Texture: A <u>Peat</u> B <u>L</u></p> <p>% Rocks/Gravel: A <u>∅</u> B <u>10</u></p> <p>% Admixing: A <u>∅</u> B <u>∅</u></p> <p>Ex-ped Roots: A <u>/</u> B <u>/</u></p> <p><input checked="" type="checkbox"/> Friable <input type="checkbox"/> Firm <input type="checkbox"/> Hard</p> <p>Depth to Permafrost <u>91</u> cm</p>		<p>S Corner</p> <p>1.</p> <p>A <u>10</u> cm</p> <p>B <u>5</u> cm</p> <p>C <u>SC - 63</u> cm</p> <p>Size: A <u>2-5</u> cm B <u>2-5</u> cm</p> <p>Texture: A <u>Peat</u> B <u>L</u></p> <p>% Rocks/Gravel: A <u>∅</u> B <u>10</u></p> <p>% Admixing: A <u>∅</u> B <u>∅</u></p> <p>Ex-ped Roots: A <u>/</u> B <u>/</u></p> <p><input checked="" type="checkbox"/> Friable <input type="checkbox"/> Firm <input type="checkbox"/> Hard</p> <p>Depth to Permafrost <u>78</u> cm</p>



W Corner	VEGETATION ASSESSMENT	N Corner
<p style="text-align: center;">5.</p> <p>Species: <u>Bl. Spruce, Tamarack,</u> <u>Moss, Lichen, Kinnickinnick</u> <u>Labrador tea, Willow</u></p> <p>Density: <u>N/A</u></p> <p>Height: <u>N/A</u></p> <p>Health: <u>Good</u></p> <p>% Live: <u>90</u></p> <p>% Litter: <u>10</u></p> <p>% Bare: <u>-</u></p> <p>Comments: Snow cover on ground</p>	<p>Well Centre</p>	<p style="text-align: center;">4.</p> <p>Species: <u>Bl. Spruce, Tamarack,</u> <u>Moss, Lichen, Kinnickinnick,</u> <u>Labrador tea, Willow</u></p> <p>Density: <u>N/A</u></p> <p>Height: <u>N/A</u></p> <p>Health: <u>Good</u></p> <p>% Live: <u>90</u></p> <p>% Litter: <u>10</u></p> <p>% Bare: <u>-</u></p> <p>Comments: Snow cover on ground</p>
<p>E Corner</p>	<p style="text-align: center;">3.</p> <p>Species: <u>Bl. Spruce, Tamarack,</u> <u>Moss, Lichen, Kinnickinnick,</u> <u>Labrador tea, Willow</u></p> <p>Density: <u>N/A</u></p> <p>Height: <u>N/A</u></p> <p>Health: <u>Good</u></p> <p>% Live: <u>90</u></p> <p>% Litter: <u>10</u></p> <p>% Bare: <u>-</u></p> <p>Comments: On seismic line-cut vegetation. Snow cover</p>	<p>S Corner</p>
<p style="text-align: center;">2.</p> <p>Species: <u>Bl. Spruce, Tamarack,</u> <u>Moss, Lichen, Kinnickinnick,</u> <u>Labrador tea, Willow</u></p> <p>Density: <u>N/A</u></p> <p>Height: <u>N/A</u></p> <p>Health: <u>Good</u></p> <p>% Live: <u>90</u></p> <p>% Litter: <u>10</u></p> <p>% Bare: <u>-</u></p> <p>Comments: Snow cover on ground</p>		<p style="text-align: center;">1.</p> <p>Species: <u>Bl. spruce, Tamarack,</u> <u>Moss, Lichen, Kinnickinnick,</u> <u>Labrador tea, Willow</u></p> <p>Density: <u>N/A</u></p> <p>Height: <u>N/A</u></p> <p>Health: <u>Good</u></p> <p>% Live: <u>90</u></p> <p>% Litter: <u>10</u></p> <p>% Bare: <u>-</u></p> <p>Comments: Snow cover on ground</p>



Photo 1: Aerial view of proposed wellsite North Tunago E-44 facing southeast.



Photo 2: Aerial view of wellsite looking northwest along existing seismic line.