

Mackenzie Valley Land and Water Board 7th Floor - 4910 50th Avenue P.O. Box 2130 YELLOWKNIFE NT X1A 2P6 Phone (867) 669-0506 FAX (867) 873-6610 PS0485-095

	FILE NUMBER	MV2005C0002
Date:	May 3, 2005	
To:	Vern Christensen, Executive Dire	ector
Company	Mackenzie Valley Environmenta	Impact Review Board
Fax Number:	766-7074  Max Braden, Wyn Developments Charlene Coe for Ed Hornby, Sc	s 604-685-7349 outh Mackenzie District,
Copied to:	DIAND 669-2720	
From:	Marilyn for Todd Burlingame, Cha	ir/CEO MVLWB
Number of pages i	ncluding cover	15
Remarks:	·	
Attached for	your review	Enclosures
Referral Lan	d Use Permit	☐ As requested
<ul><li>Preliminary Screening Report</li><li>Letter from Lutsel K'e Dene First Nation</li></ul>		
<ul><li>Lette</li></ul>	r from NWT Treaty 8 Tribal Corp.	For your comment
		For your approval
	to a more than the second control of the control of	Delivered by Date
	RECEIVED	☐ Mail
	MAY 0 4 2005	Courier
	MACKENZIE VALLEY ENVIRONMENTAL IMPACT ENVIRONMENTAL IMPACT	Hand Delivered
	REVIEW BOARD	May 3, 2005  ☑ Fax

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## Mackenzie Valley Land and Water Board

7th Floor - 4910 50th Avenue • P.O. Box 2130 YELLOWKNIFE, NT X1A 2P6 Phone (867) 669-0506 • FAX (867) 873-6610

May 3, 2005

File: MV2005C0002

Fax: 867-766-7074

Mr. Vern Christensen, Executive Director Box 938, 200 Scotia Center YELLOWKNIFE NT X1A 2N7

Dear Mr. Christensen:

Referral to Environmental Assessment
Wyn Developments Inc. MV2005C0002
Mineral Exploration, North Shore Great Slave Lake

This Mackenzie Valley Land and Water Board (MVLWB) met on April 29, 2005, to deal with the aforementioned application. The decision was made to refer the application to the Mackenzie Valley Environmental Impact Review Board (MVEIRB) for an environmental assessment pursuant to subsection 125(1) of the *Mackenzie Valley Resource Management Act*. The reasons for decision and the preliminary screening report are attached for your information.

If you have any questions, contact Peter Lennie-Misgeld, Senior Regulatory Officer, at (867) 669-0506 or email <a href="mailto:mvlwb.com">mvlwbpermit@mvlwb.com</a>.

Yours sincerely,

Todd Burlingame

Chair

Copy to:

Max Braden, Wyn Developments

Ed Hornby, South Mackenzie District, DIAND, Yellowknife

Heather Mills, MVLWB

Attachment

Letter from Lutsel K'e Dene First Nation

Letter from NWT Treat #8 Tribal Corporation

# PRELIMINARY SCREENING REPORT FORM

FN	ELIMINACE SON	EENING REPORT FO		7
PRELIMINARY SCREENER: MVLWB REFERENCE / FILE NUMBER: MV2005C0002 TITLE: Mineral Exploration, North of Sachov Slave Lake ORGANIZATION: Wyn Developments Inc. MEETING DATE: April 29, 2005	via Point, Great	EIRB REFERENCE NUMBER:		
Type of Development: (CHECK ALL THAT APPLY)	Toward Dawert	d, EIRB Ref.# res permit, license or not require permit, lice	authorization ense or authorization	
Project Summary				
Exploration Activities  Up to 40 exploratory drill holes  Geophysical surveys  Till Sampling				
<ul> <li>Utilization of 3-4 existing 14'x16' tent frame</li> <li>Erection of an additional 2-3 14'x16' tent frame</li> </ul>	es amés			
Fuel  15 x 205L diesel  4 x 205 L gasoline  10 x 205L avlation fuel  4 x 100lb propane cylinders  20 x 5 Gallon Drill additives, rod grease ar  Equipment  Diamond drill - JKS Hell-portable	nd oils		<b>.</b>	
<ul> <li>3-5 skidoos</li> <li>General</li> <li>Drill cuttings deposited in natural land deposited in natural sump</li> <li>Grey water deposited in natural sump</li> <li>Sewage deposited into a latrine pit</li> <li>Garbage incinerated or removed to Yellow</li> <li>Baseline environmental studies anticipate</li> <li>The project is not located within the Drybe</li> <li>Applicant has requested a term of 5 years</li> </ul>	wknife ad to begin spring t ones Bay Shorelin	2005 and will continue e Zone	o throughout the program	
Scope  Mineral exploration north of Sachowia Point, and the deposit of sewage, grey water and dri N and 111° 49' W by 62° 25' N and 111° 59' V		t Slave Lake, includin rities will take place N	g mineral exploration, a temporary camp, orth of Sachowia Point, Great Slave Lake	fuel storag within 62° 1
Principal Activities (related to scoping) (CHECK ALL THAT APPLY)				
Construction Installation Maintenance Expansion Operation Repair Research Water Intake Other:	⊠ Explora     □ Industri     □ Recreal     □ Municip     □ Quarry     □ Linear /     □ Sewaga	al ion al Corridor	☐ Decommissioning ☐ Abandonment ☐ Aerial ☐ Harvesting ☑ Camp ☐ Scientific/ ☐ Solid Waste	
Principal Development Components (rela	ted to scoping)			
☐ Access Road ☐ construction ☐ abandonment/removal ☐ modification e.g., widening, straightening	1		Waste Management   disposal of hazardous waste   waste generation   Sewage	

Automobile, Aircraft or Vessel Blasting     Building     Burning     Burning     Channeling     Cut and Fill     Cutting of Trees or Removal Impoundments	i of Vegetatio noval tific		disposal of sewage   Geoscientific Sampling   trenching   diamond drill   borehole core sampling   bulk soil sampling   Gravel   Hydrological   Site Restora   fertilization   grubbing   planting/see   reforestation   scarify   spraying   recontouring   Silashing and removal   Soil Testing   Stream Crossing/Bridg   Tunneling/Undergrour   Other (describe):	Testing tion  ding  of vegetation
NTS Topographic Map Sheet (LIST ALL THAT APPLY) 75L05	.Numbers			
Latitude / Longitude and UTI Min: 62° 18' N and 111° 49' W	V System: Max: 62°	25' N and 111° 59' W.		,
Nearest Community and Wat Lutsel K'e, Great Slave Lake	ter Body:		3	
Land Status (consultation in	formation)			
☐ Free Hold / Private	Com	nmissioners Land	☑ Federal Crown Land	Municipal Land
Transboundary Implication	:8			
☐ British Columbia ☐ Nunavut	☐ Alberta ☐ Wood £	Buffalo National Park	☐ Saskatchewan ☐ inuvialuit Settlement Region	□ Yukon
Type of Transboundary Imp	ilcation:	Impact / Effect	☐ Development	
Public Concern(DESCRIBE)				
PHYSICAL - CHEMICAL EFF	ECTS			
IMPACT 1. Ground Water		MITIGATION		
☐ water table alteration			•	
☑ water quality changes		guelley. The applicant ha	osal of sewage or drill cuttings could the submitted a spill contingency plan 49 of the draft LUP address proper containment.	to miligale poleililai spiiis.
		Condition 48 prevents s water mark of any water	storage of fuels caches less than 100 body.	) m from the normal high
Infiltration changes				
☐ other ☐ N/A				
IMPACT 2. Surface Water		MITIGATION		
flow or level changes				

	A splll or improper disposal of sewage or drill cuttings could result in changes to water quality. The applicant has submitted a spill contingency plan to mitigate potential spllls. Conditions 24, 36 and 49 of the draft LUP address proper sewage and drill cutting disposal, as well as fuel containment.  Condition 48 prevents storage of fuels caches less than 100 m from the normal high
	water mark of any water body.
water quantity changes	
Drainage pattern changes	
temperature temperature	
wetland changes / loss	•
other:	
□ N/A	
IMPACT 3. Noise	MITIGATION
☐ noise In/near water	
☑ other: noise Increase	Drilling activities may temporarily disturb wildlife. However, this effect is expected to be minimal, localized and short term.
□ N/A	
IMPACT 4. Land	MITIGATION
geologic structure changes	
Soil contamination     ∴     ∴	A spill or improper disposal of sewage or drill cuttings could result in soil contamination. The applicant has submitted a spill contingency plan to mitigate potential spills. Conditions 24, 36 and 49 of the draft LUP address proper sewage and drill cutting disposal, as well as fuel containment.
☐ buffer zone loss	
⊠ soil compaction & settling	Drilling aquipment may cause soil compaction and settling. Most drill sites will be located on bedrock; therefore this impact should be minimal.
☑ Destabilization / erosion	Movement of drilling equipment may cause destabilization and/or erosion of the land surface. The drill will be moved to the various drill sites by helicopter, therefore minimal impact is anticipated. Conditions 19 and 20 have been incorporated into the LUP to mitigate erosion and destabilization issues.
permafrost regime alteration	
other: explosives/scarring	
□ N/A	
IMPACT 5. Non Renewable Natural Resources	MITIGATION
☑ resource depletion	Removal of sample material - No mitigation.
other;	
□ N/A	
IMPACT 6. Air/Climate/ Atmosphere	MITIGATION

⊠ N/A	
BIOLOGICAL ENVIRONMENT	
IMPACT 1. Vegetation	MITIGATION
☑ species composition	Natural regeneration should mitigate this impact. Land Use Permit condition #11 restricts the area of land cleared.
species introduction	
☐ toxin / heavy accumulation	
other:	
□ N/A IMPACT 2. Wildlife & Fish	MITIGATION
☑ effects on rare, threatened or endangered species	Threatened species in the area include the Peregrine Falcon. Species of special concern include grizzlies and wolverines. Condition 32 addresses minimizing activity when species at risk are in the vicinity of exploration activities.
☐ fish population changes	
waterfowl population changes	
☐ breeding disturbance	
population reduction	3
species diversity change	·
nealth changes (identify)	
⊠ behavioural changes	Some species may avoid the area during drilling activities. This effect is localized and short-term, therefore minimal impact is expected. Limiting operations when large populations of game species are in the erea of the operation should mitigate any
(Identify)	impacts. (Land Use Permit Condition 33).
☐ habitat changes / effects	
☑ game species effects	Caribou may evoid the area when drilling is occurring. Conditions limiting operations during caribou migration should mitigate any major impacts to caribou herds. (Land Use Permit Conditions 33 and 34).
toxins / heavy metals	
forestry changes	
agricultural changes	
other.	
☐ N/A INTERACTING ENVIRONMENT	
IMPACT  1. Habitat and Communities	MITIGATION
predator-prey	
☐ wildlife habitat / ecosystem Composition changes	•
reduction / removal of keystone or endangered species	
removal of wildlife corridor or	

buffer zone	
□ other: ☑ N/A	
IMPACT 2. Social and Economic	MITIGATION
planning / zoning changes or conflicts	
☐ increase in urban facilities or services use	
rental house	
airport operations / capacity changes	
☐ human health hezard	
☐ Impair the recreational use of water or aesthetic quality	
affect water use for other purposes	
□ affect other land use operations	All casings will be cut to ground level and all equipment/garbage will be removed from the site upon completion of the LUP.
quality of life changes	
⊠ public concern	Lutsel K'e Dene First Nation (LKDFN) submitted concerns outlining: Area along the North Shore of the Great Slave Lake is very important to the LKDFN as a traditional hunting area, a prime caribou migration route, and fishing area. The LKDFN also state that many documented burial sites, archaeological sites, cabins and trap lines are located in the North Shore area which could be affected by the project. LKDFN are concerned about the potential impacts of this project on their culturally important areas and do not want any development on the North Shore as they wish to include this area in a future National Park.
	NWT Treaty #8 Tribal Corporation- Akaltcho Interim Measures Agreement Implementation Office submitted concerns outlining:  Negative impacts to LKDFN harvesting activities Disturbance of documented burial sites, archeological sites, cabins and traplines LKDFN Intent to Include the area north of Sachowia Point in a National Park currently being planned by LKDFN and Parks Canada.
other;	
⊠ N/A	
IMPACT 3. Cultural and Heritage	MITIGATION
<ul> <li>☐ effects to historic property</li> <li>☐ increased economic pressure</li> <li>on historic properties</li> </ul>	
change to or loss of historic resources	
☐ change to or loss of archaeological resources	
☑ increased pressure on archaeological sites	As this area exhibits high archaeological potential, increased pressure on archaeological sites is a possibility. Conditions 40, 41, 42, and 43 of the LUP address protection of historical, archaeological and burial sites.
change to or loss of aesthetically important site	• • • • • • • • • • • • • • • • • • •
effects to aboriginal lifestyla	

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• ,					

other:	
□ N/A	
NOTES:	

#### Consultation

- Pursuant to section 1.6 (a) and (b) of the Akaltono Territory Dene First Nations (ATDFN) Interim Measures Agreement, the MVLWB determined that written notice was given to the ATDFN and that a reasonable period of time was allowed for ATDFN to make representations with respect to the application
- Pursuant to schedule 4.1 of the Northwest Territory Metis Nation (NWTMN) Interim Measures Agreement, the MVLWB determined that written notice was given to the NWTMN and that a reasonable period of time was allowed for NWTMN to make representations with respect to the application

# PRELIMINARY SCREENER / REFERRING BODY INFORMATION (CHECK ALL THAT APPLY)

	RA or DRA	ADVICE	PERMIT REQUIRED
Environment Canada Fisheries and Oceans Indian and Northern Affairs Canada Canadian Heritage ( Parks Canada) National Energy Board Natural Resources Canada Public Works and Gov't Services Transport Canada Northern Oil and Gas Directorate Canadian Nuclear Safety Industry Canada Canadian Transportation Agency National Defence GNWT - RWED GNWT - MACA GNWT - Transportation Prince of Wales Heritage Center MVEIRB			
Deh Cho First Nations Liidlii Kue First Nation (Ft Simpson) Deh Gah Got'le Dene Council (Ft Prov.) Acho Dene Koe First Nation (Fort Llard) Nahanni Butte First Nation (Wrigley) Tthedzeh Ki First Nation (Wrigley) Tthedzeh Ki edell First Nation (JMR) Ka'a'gee Tu First Nation (Kakisa) Sambaa K'a Dene Band (Trout Lake) K'atlodeeche First Nation (Hay River) West Point First Nations (Hay River) Hamlet of Fort Providence Hamlet of Fort Simpson Town of Hay River Enterprise Settlement Corporation Dogrib Treaty 11 Council Dogrib Rae Band Wha Ti First Nation Dechi Laot'l Council (Wekweti) Garneti First Nation (Rae Lakes) Lutselk'e Dene First Nation (Ndilo) Yellowknives Dene First Nation (Dettah) Rea-Edzo Metis Local #64 North Slave Metis Alliance Hamlet of Rae Edzo Charter Community of Wha Ti City of Yellowknife	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000
Fort Smith Metis Council  Salt River First Nations Smith Landing First Nation Katlodeeche First Nation West Point First Nation Northwest Territory Metis Nation Hay River Metis Council Deninu Ku'e First Nations Fort Resolution Metis Council Deninu Ku'e Env. Working Committee Akaltcho Territory Government Town of Hay River Deningo Community Council Tawn of Fort Smith Enterprise Settlement Corporation			

# REASONS FOR DECISION (LIST ALL REASONS AND SUPPORTING RATIONALES FOR PRELIMINARY SCREENING DECISION)

#### DECISION:

The Mackenzle Valley Land and Water Board (The Board) is satisfied that the preliminary screening of application MV2005C0002, Wyn Developments Inc., Mineral Exploration has been completed in accordance with section 125 of the Mackenzle Valley Resource Management Act

The Board is satisfied that a reasonable period of notice was given to Communities and First Nations affected by the application as required by subsection 63(2) of the MVRMA so that they could provide comments to the Board.

Having reviewed all relevant evidence on the Public Registry, including the submissions of the Applicant, the written comments received by the Board and any staff reports prepared for the Board, the Board has decided that in its opinion that:

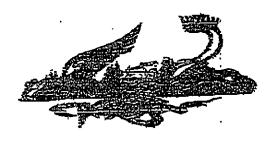
- there is no likelihood that the proposed development might have a significant adverse impact on the environment; and
- there is likelihood that the proposed development might be a cause of public concern.

Pursuant to section 125(1) of the MVRMA, the Board refers Land Use Permit MV2005C0002 submitted by Wyn Developments Inc., to conduct Mineral Exploration in the North Shore of Great Slave Lake to the MVEIRB for Environmental Assessment based on public concern expressed by the Lutsel K'e Dene First Nation (LKDFN) and the NWT Treaty #8 Tribal Corporation. The LKDFN and NWT Treaty #8 Tribal Corporation expressed concern regarding potential impacts of this project on environmental, cultural, spiritual, and economic factors.

As a result, the Board, having due regard to the facts and circumstances, the merits of the submissions made to it, and to the purpose, scope and intent of the Mackenzle Valley Resource Management Act and the Mackenzle Valley Land Use Regulations has decided that these Land Use Permit and Water License applications be referred to the Mackenzle Valley Environmental Impact Review Board for Environmental Assessment pursuant to subsection 125(1) of the MVRMA.

	PRELIMINARY SCREENING DECISION
	Outside Local Government Boundaries
	The development proposal might have a significant adverse impact on the environment, refer it to the EIRB.
	Proceed with regulatory process and/or implementation.
Ø	The development proposal might have public concern, refer it to the EIRB.
	Proceed with regulatory process and/or implementation.
	Wholly within Local Government Boundaries
	The development proposal is likely to have a significant adverse impact on air, water or renewable resources
	refer it to the EIRB. Proceed with regulatory process and/or implementation.
	The development proposal might have public concern, refer it to the EIRB.
	Proceed with regulatory process and/or implementation.

Preliminary Screening Organization	Signatures
Mackenzle Valley Land and Water Board	7. Van Premo
May 3, 2005	



# Lursel K'e Dene First Nation

evidiste, Lands & Environment Department P.O. Sox 28 Listed Kenvi VDE-146 Phone 367-370-387 Pac 867-370-384

Pete Enzoc, Chair
Wildlife, Lands & Environment Committee
Lutsel K'e Dene First Nation

February 28, 2005

Max Braden
Wyn Developments Inc.
620, 800 West Fender St.
Vancouver, BC V6C 2V6
Fax (604) 685-7349

APR 1 5 2005

Application # MV2005 (00 02

Copied To \_\_\_\_\_\_

Re: Application for Land Use Permit, Mineral Exploration, North Shore of Great Slave Lake (MV2005C0002)

Your application for mineral exploration within the traditional territory of the Lutsel K'e Dene First Nation has been assessed by the Wildlife, Lands & Environment Committee. We hereby reject the issuance of this permit.

As you may or may not be aware, Lutsel K'e Dene First Nation is one of the Akaitcho Territory Treaty 8 First Nations. Akaitcho First Nations do not recognize the jurisdiction of the Mackenzie Valley Land & Water Board, and are involved in ongoing negotiations with the federal government to resolve outstanding Treaty land entitlement, self-government and Aboriginal rights issues. There is an Interim Measures Agreement (IMA) signed by Akaitcho First Nations and the federal and territorial governments in 2001. As well, there has been a Policy Directive from the federal Minister of Indian & Northern Development, Andy Mitchell, directing the MVLWB to work alongside Akaitcho First Nations to implement the provisions of the IMA.

As per the IMA, we have assessed the potential impacts of this project on environmental, cultural, spiritual, and economic factors. We have concluded that the potential negative impacts on culturally important areas are too great to justify, no matter how short-term and low-impact the activities may be. We do not want to see any full-scale mining in this area, and therefore will not support even the initial stages of such activity.

The area along the North Shore is extremely important to our community. This is a vital traditional hunting area, a prime caribou migration route, a prime fishing area, and the location of numerous documented burial sites, archaeological sites, cabins, and traplines. As well, we have begun negotiations with Parks Canada towards the establishment of a

national park in the East Arm. Although your proposed activities are outside the current land withdrawal area established in the 1970's, we intend to negotiate the expansion of this boundary to include the North Shore. For these reasons, no industrial development will be permitted in this area.

Please be advised that we intend to be vigilant in the defence of our Treaty rights, and are prepared to take immediate action to protect them if they are not respected.

If you have any questions, please feel free to contact myself or Monica Krieger (Manager; Wildlife, Lands & Environment Department) at 867-370-3197.

Sincerely,

Pete Enzoc

Cc: Heather Mills, Regulatory Officer, MVLWB

Monice Krieger you

MKMTIPUN TIIII PI



## Akaitcho Interim Measures Agreement Implementation Office

## NWT Treaty #8\_Tribal Carporation\_

Stephen Ellis – Akaitcho IMA Implementation Coordinator NWT Treaty-#8 Tribal Corporation Box 28 Lutsel K'e, NT X0E 1A0 Ph: (867)-370-3217

Fax: (867)-370-3209

April 8, 2005

Heather Mills - Regulatory Officer Markenzie Malloy Londand Wale, Duard Box 2130 7th Floor - 4910 50th Avenue Yellowknife, NT X1A 2P6 Fax: (867) 873-6610

Machenzie Variey Land A Water Board

APR - 8 2005

Application # <u>MV8005 C0</u>008 Copied To \_\_\_\_

#### RE: MY200500002

Dear Ms. Mills:

The Lutsel K'e Dene First Nation (LKDFN) has recently reviewed application MV2005C0002 submitted by Wyn Developments Inc. for exploration activities north of Sachowia Point on Great Slave Lake. In a February 28th, 2005 letter addressed to the proponent, the LKDFN specified the various reasons why it could not support any industrial development to the area, including exploratory ventures like the issuance of a permit to Wyn Developments Inc. These reasons are as follows:

- Negative impacts to LKDFN harvesting activities.
- Disturbance of documented burial sites, archaeological sites, cabins, and traplines.
- LKDFN intent to include the area north of Sachowia Point in a National Park currentlybeing planned by the EKOFN and Parks Canada.

These reasons were again confirmed at a duly convened meeting of the LKDFN Wildlife, Lands, and Environment Committee on April 7th, 2005.

The NWT Treaty #8 Tribal Corporation fully supports the position of the I KOFN regarding the Wyn Developments Inc. application, and agrees that no permits should be issued in the area north of Sachowia Point.

I would remind you that regulatory authorities, when operating in the Akcitotto Torritory, have an obligation to go beyond the more consideration of decisions made by the Akaitono First National through the Screening process southead in the Interim Measures. Agreement. They must also seek to accommodate these decisions. This obligation has been reinforced in recent Sinterna Court pages (Moids, Take, Bites, Therein) and the transfer of the May WR Court cases (Haida Jahn River Tlingit) as well as me ministerial Directive to the MVLWB regarding the IMA.

Sincerely,

26m

Stephen Ellis - Akaitcho IMA Implementation Coordinator

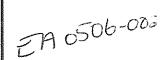
NWT Treaty #8 Tribal Corporation

Sub Chief Albert Boucher - LKDFN Peter Enzoe - Chair, LKDFN Wildlife, Landa, and Environment Committee Gordon Hamre - Parks Establishment, Parks Canada



#### Mackenzie Valley Land and Water Board

7th Floor - 4910 50th Avenue • P.O. Box 2130 YELLOWKNIFE, NT X1A 2P6 Phone (867) 669-0506 • FAX (867) 873-6610



May 3, 2005

File: MV2005C0002

Mr. Vern Christensen, Executive Director Box 938, 200 Scotia Center YELLOWKNIFE NT X1A 2N7

Fax: 867-766-7074

MAY 1 0 2005

MACKENZIE VALLEY ENVIROMMENTAL IMPACT

REVEW BOARD

Dear Mr. Christensen:

Referral to Environmental Assessment Wyn Developments Inc. MV2005C0002 Mineral Exploration, North Shore Great Slave Lake

This Mackenzie Valley Land and Water Board (MVLWB) met on April 29, 2005, to deal with the aforementioned application. The decision was made to refer the application to the Mackenzie Valley Environmental Impact Review Board (MVEIRB) for an environmental assessment pursuant to subsection 125(1) of the *Mackenzie Valley Resource Management Act*. The reasons for decision and the preliminary screening report are attached for your information.

If you have any questions, contact Peter Lennie-Misgeld, Senior Regulatory Officer, at (867) 669-0506 or email <a href="mailto:mvlwb.com">mvlwbpermit@mvlwb.com</a>.

Yours sincerely,

Todd Burlingame

Chair

Copy to:

Max Braden, Wyn Developments

Ed Hornby, South Mackenzie District, DIAND, Yellowknife

Heather Mills, MVLWB

Attachment Letter from Lutsel K'e Dene First Nation

Letter from NWT Treat #8 Tribal Corporation

#### PRELIMINARY SCREENING REPORT FORM

PRELIMINARY SCREENER: MVLWB REFERENCE / FILE NUMBER: MV2005C0002 TITLE: Mineral Exploration, North of Sa Slave Lake ORGANIZATION: Wyn Developments In MEETING DATE: April 29, 2005		EIRB REFERENCE NUMBER:	
Type of Development: (CHECK ALL THAT APPLY)	🖾 Regui	nd, EIRB Ref. # ires permit, license or authorization not require permit, license or authorization	
Project Summary			
<ul> <li>Exploration Activities</li> <li>Up to 40 exploratory drill holes</li> <li>Geophysical surveys</li> <li>Till Sampling</li> </ul>			
<ul> <li>Camp</li> <li>Utilization of 3-4 existing 14'x16' tent fn</li> <li>Erection of an additional 2-3 14'x16' tent</li> </ul>			
Fuel  15 x 205L diesel  4 x 205 L gasoline  10 x 205L aviation fuel  4 x 100lb propane cylinders  20 x 5 Gallon Drill additives, rod grease	e and oils	4	
<ul><li>Equipment</li><li>Diamond drill - JKS Heli-portable</li><li>3-5 skidoos</li></ul>			
General  Drill cuttings deposited in natural land of Grey water deposited in natural sump  Sewage deposited into a latrine pit  Garbage incinerated or removed to Yel  Baseline environmental studies anticipe  The project is not located within the Drip  Applicant has requested a term of 5 yel	lowknife ated to begin spring 20 /bones Bay Shoreline 2	005 and will continue throughout the program Zone	
Scope			
Mineral exploration north of Sachowia Poin and the deposit of sewage, grey water and o N and 111° 49' W by 62° 25' N and 111° 59'	frill wastes. All activitie	Slave Lake, including mineral exploration, a temporary es will take place North of Sachowia Point, Great Slave	camp, fuel store Lake within 62
Principal Activities (related to scoping) (CHECK ALL THAT APPLY)			
☐ Construction ☐ Installation ☐ Maintenance ☐ Expansion ☐ Operation ☐ Repair ☐ Research ☐ Water Intake ☐ Other:	<ul><li>☑ Exploration</li><li>☐ Industrial</li><li>☐ Recreation</li><li>☐ Municipal</li><li>☐ Quarry</li><li>☐ Linear / Co</li><li>☐ Sewage</li></ul>	☐ Abandonment☐ Aerial☐ Harvesting☐ Marp	
Principal Development Components (rela	ated to sconing)		······································
Principal Development Components (reis	itea to scohiilă)	Waste Management     ✓         Waste Management     Waste Manag	
☐ construction ☐ abandonment/removal ☐ modification e.g., widening, straightening	ı	☐ disposal of hazardous waste ☑ waste generation ☑ Sewage	

Automobile, Aircraft or Vess     Blasting     Building     Burning     Burying     Channeling     Cut and Fill     Cutting of Trees or Remova     Dams and Impoundments	l of Vegetati noval tific	on	☐ disposal of sewage ☐ Geoscientific Samplir ☐ trenching ☐ diamond drill ☐ borehole core sampli ☐ bulk soil sampling ☐ Gravel ☐ Hydrologica ☐ Site Restor ☐ fertilization ☐ grubbing ☐ planting/se ☐ reforestation ☐ scarify ☐ spraying ☐ recontourir ☐ Slashing and remova ☐ Soil Testing ☐ Stream Crossing/Bric ☐ Tunneling/Undergrou ☐ Other (describe):	ng al Testing ation eding in g I of vegetation
NTS Topographic Map Sheet (LIST ALL THAT APPLY) 75L05	Numbers			
Latitude / Longitude and UTM Min: 62° 18' N and 111° 49' W	f System: Max: 62°	25' N and 111° 59' W.		
Nearest Community and Wat Lutsel K'e, Great Slave Lake	er Body:		9	
Land Status (consultation in	formation)			
☐ Free Hold / Private	☐ Cor	nmissioners Land	□ Federal Crown Land	☐ Municipal Land
Transboundary Implications	5			
☐ British Columbia ☐ Nunavut	☐ Alberta ☐ Wood I	Buffalo National Park	☐ Saskatchewan ☐ Inuvialuit Settlement Region	☐ Yukon
Type of Transboundary Impl	ication:	☐ Impact / Effect	☐ Development	
Public Concern(DESCRIBE)				
PHYSICAL - CHEMICAL EFF	ECTS			
IMPACT 1. Ground Water		MITIGATION		
water table alteration				
water quality changes		quality. The applicant ha	osal of sewage or drill cuttings could as submitted a spill contingency plan 49 of the draft LUP address proper containment.	to mitigate potential spills.
		Condition 48 prevents s water mark of any water	storage of fuels caches less than 100 body.	) m from the normal high
☐ infiltration changes				
☐ other ☐ N/A				
IMPACT MITIGATION 2. Surface Water				
☐ flow or level changes				

☑ water quality changes	A spill or improper disposal of sewage or drill cuttings could result in changes to water quality. The applicant has submitted a spill contingency plan to mitigate potential spills. Conditions 24, 36 and 49 of the draft LUP address proper sewage and drill cutting disposal, as well as fuel containment.
	Condition 48 prevents storage of fuels caches less than 100 m from the normal high water mark of any water body.
□ water quantity changes	
☐ Drainage pattern changes	
☐ temperature	
wetland changes / loss	
other:	
□ N/A	
IMPACT 3. Noise	MITIGATION
noise in/near water	
☑ other: noise increase	Drilling activities may temporarily disturb wildlife. However, this effect is expected to be minimal, localized and short term.
□ N/A	
IMPACT 4. Land	MITIGATION
geologic structure changes	
Soil contamination     Soil contamin	A spill or improper disposal of sewage or drill cuttings could result in soil contamination. The applicant has submitted a spill contingency plan to mitigate potential spills. Conditions 24, 36 and 49 of the draft LUP address proper sewage and drill cutting disposal, as well as fuel containment.
☐ buffer zone loss	
⊠ soil compaction & settling	Drilling equipment may cause soil compaction and settling. Most drill sites will be located on bedrock; therefore this impact should be minimal.
☑ Destabilization / erosion	Movement of drilling equipment may cause destabilization and/or erosion of the land surface. The drill will be moved to the various drill sites by helicopter, therefore minimal impact is anticipated. Conditions 19 and 20 have been incorporated into the LUP to mitigate erosion and destabilization issues.
permafrost regime alteration	
other: explosives/scarring	
□ N/A	
IMPACT 5. Non Renewable Natural Resources	MITIGATION
☑ resource depletion	Removal of sample material - No mitigation.
other:	
□ N/A	
IMPACT 6. Air/Climate/ Atmosphere	MITIGATION
☐ Other	

⊠ N/A	
BIOLOGICAL ENVIRONMENT	
IMPACT 1. Vegetation	MITIGATION
	Natural regeneration should mitigate this impact. Land Use Permit condition # 11 restricts the area of land cleared.
species introduction	
toxin / heavy accumulation	
other:	
□ N/A IMPACT 2. Wildlife & Fish	MITIGATION
☑ effects on rare, threatened or endangered species	Threatened species in the area include the Peregrine Falcon. Species of special concern include grizzlies and wolverines. Condition 32 addresses minimizing activity when species at risk are in the vicinity of exploration activities.
fish population changes	
☐ waterfowl population changes	
☐ breeding disturbance	
population reduction	4
species diversity change	
☐ health changes (Identify)	
□ behavioural changes	Some species may avoid the area during drilling activities. This effect is localized and short-term, therefore minimal impact is expected. Limiting operations when large populations of game species are in the area of the operation should mitigate any impacts. (Land Use Permit Condition 33).
(Identify)	impacts. (Land Ose Permit Condition 33).
☐ habitat changes / effects	
☑ game species effects	Caribou may avoid the area when drilling is occurring. Conditions limiting operations during caribou migration should mitigate any major impacts to caribou herds. (Land Use Permit Conditions 33 and 34).
toxins / heavy metals	
☐ forestry changes	
agricultural changes	
other:	
☐ N/A Interacting environment	
IMPACT 1. Habitat and Communities	MITIGATION
predator-prey	
☐ wildlife habitat / ecosystem Composition changes	
reduction / removal of keystone or endangered species	
removal of wildlife corridor or	

buffer zone	
☐ other: ☑ N/A	
IMPACT 2. Social and Economic	MITIGATION
☐ planning / zoning changes or conflicts ☐ increase in urban facilities or services use	
rental house	
airport operations / capacity changes	
human health hazard	
☐ impair the recreational use of water or aesthetic quality	
affect water use for other purposes	
☑ affect other land use operations	All casings will be cut to ground level and all equipment/garbage will be removed from the site upon completion of the LUP.
quality of life changes	
☑ public concern	Lutsel K'e Dene First Nation (LKDFN) submitted concerns outlining: Area along the North Shore of the Great Slave Lake is very important to the LKDFN as a traditional hunting area, a prime caribou migration route, and fishing area. The LKDFN also state that many documented burial sites, archaeological sites, cabins and trap lines are located in the North Shore area which could be affected by the project. LKDFN are concerned about the potential impacts of this project on their culturally important areas and do not want any development on the North Shore as they wish to include this area in a future National Park.  NWT Treaty #8 Tribal Corporation- Akaitcho Interim Measures Agreement Implementation Office submitted concerns outlining:  Negative impacts to LKDFN harvesting activities Disturbance of documented burial sites, archeological sites, cabins and traplines LKDFN intent to include the area north of Sachowia Point in a National Park currently being planned by LKDFN and Parks Canada.
☐ other:	
⊠ N/A	
IMPACT 3. Cultural and Heritage	MITIGATION
☐ effects to historic property☐ increased economic pressure on historic properties	
change to or loss of historic resources	
change to or loss of archaeological resources	
	As this area exhibits high archaeological potential, increased pressure on archaeological sites is a possibility. Conditions 40, 41, 42, and 43 of the LUP address protection of historical, archaeological and burial sites.
change to or loss of aesthetically important site	*·
effects to aboriginal lifestyle	

other:		
□ N/A		
NOTES:		

#### Consultation

- Pursuant to section 1.6 (a) and (b) of the Akaitcho Territory Dene First Nations (ATDFN) Interim Measures Agreement, the MVLWB determined that written notice was given to the ATDFN and that a reasonable period of time was allowed for ATDFN to make representations with respect to the application
- Pursuant to schedule 4.1 of the Northwest Territory Metis Nation (NWTMN) Interim Measures Agreement, the MVLWB
  determined that written notice was given to the NWTMN and that a reasonable period of time was allowed for NWTMN to
  make representations with respect to the application

# PRELIMINARY SCREENER / REFERRING BODY INFORMATION (CHECK ALL THAT APPLY)

	RA or DRA	ADVICE	PERMIT REQUIRED
Environment Canada Fisheries and Oceans Indian and Northern Affairs Canada Canadian Heritage ( Parks Canada) National Energy Board Natural Resources Canada Public Works and Gov't Services Transport Canada Northern Oil and Gas Directorate Canadian Nuclear Safety Industry Canada Canadian Transportation Agency National Defence GNWT - RWED GNWT - MACA GNWT - Transportation Prince of Wales Heritage Center MVEIRB	000000000000000000000000000000000000000		
Deh Cho First Nations Liidlii Kue First Nation (Ft Simpson) Deh Gah Got'ie Dene Council (Ft Prov.) Acho Dene Koe First Nation (Fort Liard) Nahanni Butte First Nation Pehdzeh Ki First Nation (Wrigley) TthedzehK'edeli First Nation (JMR) Ka'a'gee Tu First Nation (Kakisa) Sambaa K'e Dene Band (Trout Lake) K'atlodeeche First Nation (Hay River) West Point First Nations (Hay River) Hamlet of Fort Providence Hamlet of Fort Liard Village of Fort Simpson Town of Hay River Enterprise Settlement Corporation Dogrib Treaty 11 Council Dogrib Rae Band Wha Ti First Nation Dechi Laot'l Council (Wekweti) Gameti First Nation (Rae Lakes) Lutselk'e Dene First Nation Yellowknives Dene First Nation (Ndilo) Yellowknives Dene First Nation (Dettah) Rea-Edzo Metis Local #64 North Slave Metis Alliance Hamlet of Rae Edzo Charter Community of Wha Ti City of Yellowknife	aaaaaaaaaaaaa a aaaaaaaaaa		000000000000000000000000000000000000000
Fort Smith Metis Council  Salt River First Nations Smith Landing First Nation Katlodeeche First Nation West Point First Nation Northwest Territory Metis Nation Hay River Metis Council Deninu Ku'e First Nations Fort Resolution Metis Council Deninu Ku'e Env. Working Committee Akaitcho Territory Government Town of Hay River Deninoo Community Council Town of Fort Smith Enterprise Settlement Corporation			

# REASONS FOR DECISION (LIST ALL REASONS AND SUPPORTING RATIONALES FOR PRELIMINARY SCREENING DECISION)

#### **DECISION:**

The Mackenzie Valley Land and Water Board (The Board) is satisfied that the preliminary screening of application MV2005C0002, Wyn Developments Inc., Mineral Exploration has been completed in accordance with section 125 of the *Mackenzie Valley Resource Management Act*.

The Board is satisfied that a reasonable period of notice was given to Communities and First Nations affected by the application as required by subsection 63(2) of the MVRMA so that they could provide comments to the Board.

Having reviewed all relevant evidence on the Public Registry, including the submissions of the Applicant, the written comments received by the Board and any staff reports prepared for the Board, the Board has decided that in its opinion that:

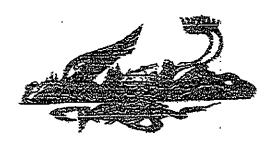
- there is no likelihood that the proposed development might have a significant adverse impact on the environment; and
- · there is likelihood that the proposed development might be a cause of public concern.

Pursuant to section 125(1) of the MVRMA, the Board refers Land Use Permit MV2005C0002 submitted by Wyn Developments Inc., to conduct Mineral Exploration in the North Shore of Great Slave Lake to the MVEIRB for Environmental Assessment based on public concern expressed by the Lutsel K'e Dene First Nation (LKDFN) and the NWT Treaty #8 Tribal Corporation. The LKDFN and NWT Treaty #8 Tribal Corporation expressed concern regarding potential impacts of this project on environmental, cultural, spiritual, and economic factors.

As a result, the Board, having due regard to the facts and circumstances, the merits of the submissions made to it, and to the purpose, scope and intent of the *Mackenzie Valley Resource Management Act* and the Mackenzie Valley Land Use Regulations has decided that these Land Use Permit and Water License applications be referred to the Mackenzie Valley Environmental Impact Review Board for Environmental Assessment pursuant to subsection 125(1) of the *MVRMA*.

	PRELIMINARY SCREENING DECISION		
×	Outside Local Government Boundaries		
	The development proposal might have a significant adverse impact on the environment, refer it to the EIRB.		
	Proceed with regulatory process and/or implementation.		
Ø	The development proposal might have public concern, refer it to the EIRB.		
	Proceed with regulatory process and/or implementation.		
	Wholly within Local Government Boundaries		
	The development proposal is likely to have a significant adverse impact on air, water or renewable resources,		
	refer it to the EIRB.  Proceed with regulatory process and/or implementation.		
	The development proposal might have public concern, refer it to the EIRB.		
	Proceed with regulatory process and/or implementation.		

	oublic concern, refer it to the EIRB.  implementation.	
•	creening Organization ley Land and Water Board	Signatures V. W. W. W.
May 3, 2	005	



# Lutsel K'e Dene First Nation

Wildlife, Lands & Environment Department P.O. Sox 28 Lussei K'e NT XDE-1760

> Phone 867-370-397 Pac 867-370-3143

Pete Enzoe, Chair Wildlife, Lands & Environment Committee Lutsel K'e Dene First Nation

February 28, 2005

Max Braden
Wyn Developments Inc.
620, 800 West Pender St.
Vancouver, BC V6C 2V6
Fax (604) 685-7349

Makanzie Valley Land & Water Board

110 \_\_\_

APR 1 5 2005

Application # MV2005(10002 Copied To \_\_\_\_\_\_

Re: Application for Land Use Permit, Mineral Exploration, North Shore of Great Slave Lake (MV2005C0002)

Your application for mineral exploration within the traditional territory of the Lutsel K'e Dene First Nation has been assessed by the Wildlife, Lands & Environment Committee. We hereby reject the issuance of this permit.

As you may or may not be aware, Lutsel K'e Dene First Nation is one of the Akaitcho Territory Treaty 8 First Nations. Akaitcho First Nations do not recognize the jurisdiction of the Mackenzie Valley Land & Water Board, and are involved in ongoing negotiations with the federal government to resolve outstanding Treaty land entitlement, self-government and Aboriginal rights issues. There is an Interim Measures Agreement (IMA) signed by Akaitcho First Nations and the federal and territorial governments in 2001. As well, there has been a Policy Directive from the federal Minister of Indian & Northern Development, Andy Mitchell, directing the MVLWB to work alongside Akaitcho First Nations to implement the provisions of the IMA.

As per the IMA, we have assessed the potential impacts of this project on environmental, cultural, spiritual, and economic factors. We have concluded that the potential negative impacts on culturally important areas are too great to justify, no matter how short-term and low-impact the activities may be. We do not want to see any full-scale mining in this area, and therefore will not support even the initial stages of such activity.

The area along the North Shore is extremely important to our community. This is a vital traditional hunting area, a prime caribou migration route, a prime fishing area, and the location of numerous documented burial sites, archaeological sites, cabins, and traplines. As well, we have begun negotiations with Parks Canada towards the establishment of a

national park in the East Arm. Although your proposed activities are outside the current land withdrawal area established in the 1970's, we intend to negotiate the expansion of this boundary to include the North Shore. For these reasons, no industrial development will be permitted in this area.

Please be advised that we intend to be vigilant in the defence of our Treaty rights, and are prepared to take immediate action to protect them if they are not respected.

If you have any questions, please feel free to contact myself or Monica Krieger (Manager; Wildlife, Lands & Environment Department) at 867-370-3197.

Sincerely,

Pete Enzoe

Cc: Heather Mills, Regulatory Officer, MVLWB

Monice Krieger yor



### Akaitcho Interim Measures Agreement Impiementation Office

## NWT Treat<u>y #8 T</u>ribal Carporation—

Stephen Ellis - Akalteño IMA Implementation Coordinator NWT Treaty #8 Tribal Corporation Box 28 Lutsel K'e, NT X0E 1A0

Ph: (867)-370-3217 Fax: (867)-370-3209

April 8, 2005

Heather Mills - Regulatory Officer Markenzie-Valloy Land-and Water Board Box 2130 7th Floor - 4910 50th Avenue Yellowknife, NT X1A 2P6 Fax: (867) 873-6610

Markenzie Varrey Land & Water Board

APR - 8 2005

Application # <u>MV8005C0008</u>

Copied To 片外

#### RE: MV2005C0002

Dear Ms. Mills:

The Lutsel K'e Dene First Nation (LKDFN) has recently reviewed application MV2005C0002 submitted by VVyn Developments Inc. for exploration activities north of Sachowia Point on Great Slave Lake. In a February 28th, 2005 letter addressed to the proponent, the LKDFN specified the various reasons why it could not-support any industrial development in the area, including exploratory ventures like the issuance of a permit to Wyn Developments Inc. These reasons are as follows:

- Negative impacts to LKDFN harvesting activities.
- Disturbance of documented burial sites, archaeological sites, cabins, and traplines.
- LKDFN intent to include the area north of Sachowia Point in a National Park currently being planned by the EKDFN and Parks Canada.

These reasons were again confirmed at a duly convened meeting of the LKDFN Wildlife, Lands, and Environment Committee on April 7th, 2005.

The NWT Treaty #8 Tripal Corporation fully supports the position of the LKGFN regarding the Wyn Developments Inc. application, and agrees that no permits should be issued in the area north of Sachowia Point.

I would remind you that regulatory authorities, when operating in the Akcitche Territory, have an obligation to go beyond the mere consideration of decisions made by the Akaitche First National through the accommodate these authors in the Interim Measures Agreement. They must also seek to accommodate these decisions. This obligation has been reinforced in recent Suprema Court cases (Haida Taku River Tlingit) as well as the Ministerial Directive to the MVLWB

Sincerely,

st The

Stephen Ellis – Akaitcho IMA Implementation Coordinator NWT Treaty #8 Tribal Corporation

Sub Chief Atbert Boucher – LKDFN
Peter Enzoe – Chair, LKDFN Wildlife, Lands, and Environment Committee
Gordon Hamre – Parks Establishment, Parks Canada



Akaitcho Interim Measures Agreement Implementation Office

# NWT Treaty #8 Tribal Corporation

## **FAX**

To: Heather Mills	From: Don Courc
Fax #: \$73 - 0610	Pages: ૩ (including cover)
Phone #:	Dale: April 8/05
RE: MV2005E0002	

Please formed for to M. Mills.

Akaitcho (IMA) Interim Measures Agreement Office Box 28, Lutsel K'e, NT XOE IAO Phone: (867) 370-3217 Fax: 867 370-3209