NTITYIX RESOURCES LP

SITE PLAN
WESTBANK FIRST NATION
K1P

1 TENURE IDENTIFICATION

LICENCE #	CUTTING PERMIT	BLOCK	OPENING NUMBER	LOCATION
K1P	17	31		Glenrosa

2 DESCRIPTION OF THE AREA

Timber Description	**SU1** The block primarily encompasses IDF dk2 with a site series 05(04). The block has some wet sections that have been incorporated into WTRA locations when possible. The timber type is Fd(Py) 6326 with a site index 14.		
	Gross Area: 37.4ha **WTRA:** 13.3ha **NP NAT:** 0.2ha **Net Area Reforest:** 23.9ha		
Elevation	840– 970m	**Aspect & Slope**	South, 5-30%

3 BLOCK FEATURES / OBJECTIVES

HLP/ FDP CONSIDERATIONS:	Comments
Cutblock Adjacent to Stream	There is a stream that flows from north to south along the western edge of the block. It enters the block as an NCD-B and approximately 1/3 of the way down it becomes an S6-A. The flow has been altered to flow down an existing trail and join back to the original channel. The original channel along Glenrosa road is identified as NCD-A and meets back with S6-A exits the block on the southern edge.
Other Resources	Range tenure: Kevin Day RAN077416, Block is within Community crown interface #2. Trapline:TR0808T038, Guide: Kitzan, Denver. Scenic area: Partial retention. Mule Deer Winter Range: Cell Id 600 Trepanier.
Recreation Use	The block is not located within an intensive recreation area. It is located within a tourism zone for dispersed use. Telemark ski area is located just past the block and is a popular winter use area. WTRA-A is located along the western edge of the block and provides some visual screening between Glenrosa road and the cutblock.
Sensitive Areas	The approximate location of steep slopes >35% are indicated on the site plan map. Steep slopes have been included in WTRA locations when possible. The majority of the riparian areas of NCD-A, NCD-B and S6-A are located within WTRA-A and WTRA-B.
Soils	The soils are dry fSL-SL with a coarse fragment content of 5-35%. Steep slopes have been managed for by incorporating these sections of the block in WTRA locations when possible.
Coarse Woody Debris	A Basic level of coarse woody debris applies to this block. Retain at least 10 live green trees greater than 17.5cm diameter, per hectare scattered throughout the clear cut areas of the cutblock.
Community Watershed	Not within a Community Watershed
Fire Mitigation	Block is within the Wildland Urban Interface and will be managed with fire mitigation objectives.

4 SOILS

4.0 SOIL ASSESSMENT						
HAZARD RATINGS				SOIL CHARACTERISTICS		
SU	Soil Comp	Soil Disp	Surface Erosion	Soil Texture % CF	Depth To Unfavorable Subsoil & Type of Subsoil	Sediment Delivery Risk (Community Watersheds)
1	M	L	M	fSL-SL 5-35%	N/A	Low (Not within a Community Watershed)

4.1 SOIL DISTURBANCE AND PAS					
SU	Sensitive Soils (Y/N)	Max. Allowable Soil Disturbance (% NAR)	Max. Amount Temporary Access Structures may Exceed Max. Allowable Soil Disturbance Prior To Rehab. (% NAR)	Permanent Access Structure (% GROSS)	Maximum Allowable Forest Floor Displacement (% NAR)
1	N	10%	7%	0.0%	30%
COMMENTS:	Processing will be done at the roadside or conventional landings. Temporary access structures will be rehabilitated following harvest to restore natural drainage patterns and to restore the existing trials system. No new permanent access is planned for this block.				

5 Stocking Standards

5.0 RATIONALE FOR STOCKING STANDARD FDP ID SELECTION			
SU	STANDARDS UNIT FDP ID #	CHANGE FROM STANDARD PRACTICE (for example moving Pref to Accpt or change in MITD)	COMMENT: (for example forest health (DRA) or. rocky site)
1	1036068	-	Fire interface zone stocking targets max density 450/ha

5.1 SITE PREPARATION	
SU	TECHNIQUE (S) / LIMITING FACTORS
1	Boot/shovel screef. Plant seedlings next to existing obstacles wherever possible.

PLANTING

SU	SPZ	Regeneration Method	Preferred Species	Acceptable Species	Age	Stock Type	Season	Stems/Ha	Total Stems
1		Plant	Fd, Py, At[3]	Sx, Lw**	1 + 0	Py - PCT 310B Sx - PSB 411B Fdi - PSB 412A Lw - PSB 412A	Spring	450	10,755 planned
		Footnotes	3- Accept all aspen as it contributes to fire resistance	** - Maximum of 10% of total trees planted					

LIMITING FACTORS / COMMENTS:
SU 1: Plant Sx on elevated microsites in the moist areas.

MIN-MAX ELEVATION: 840 – 970 meters.

BLOCK CENTER LATITUDE & LONGITUDE: 49° 51' 01" N 119° 42' 45" W

BRUSHING / STAND TENDING

SU	TECHNIQUE (S) / LIMITING FACTORS
1	Brushing and/or spacing treatments are not anticipated.

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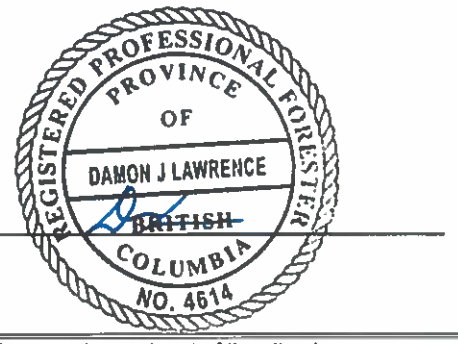
1 ADMINISTRATION

Prepared by:

Damon Lawrence

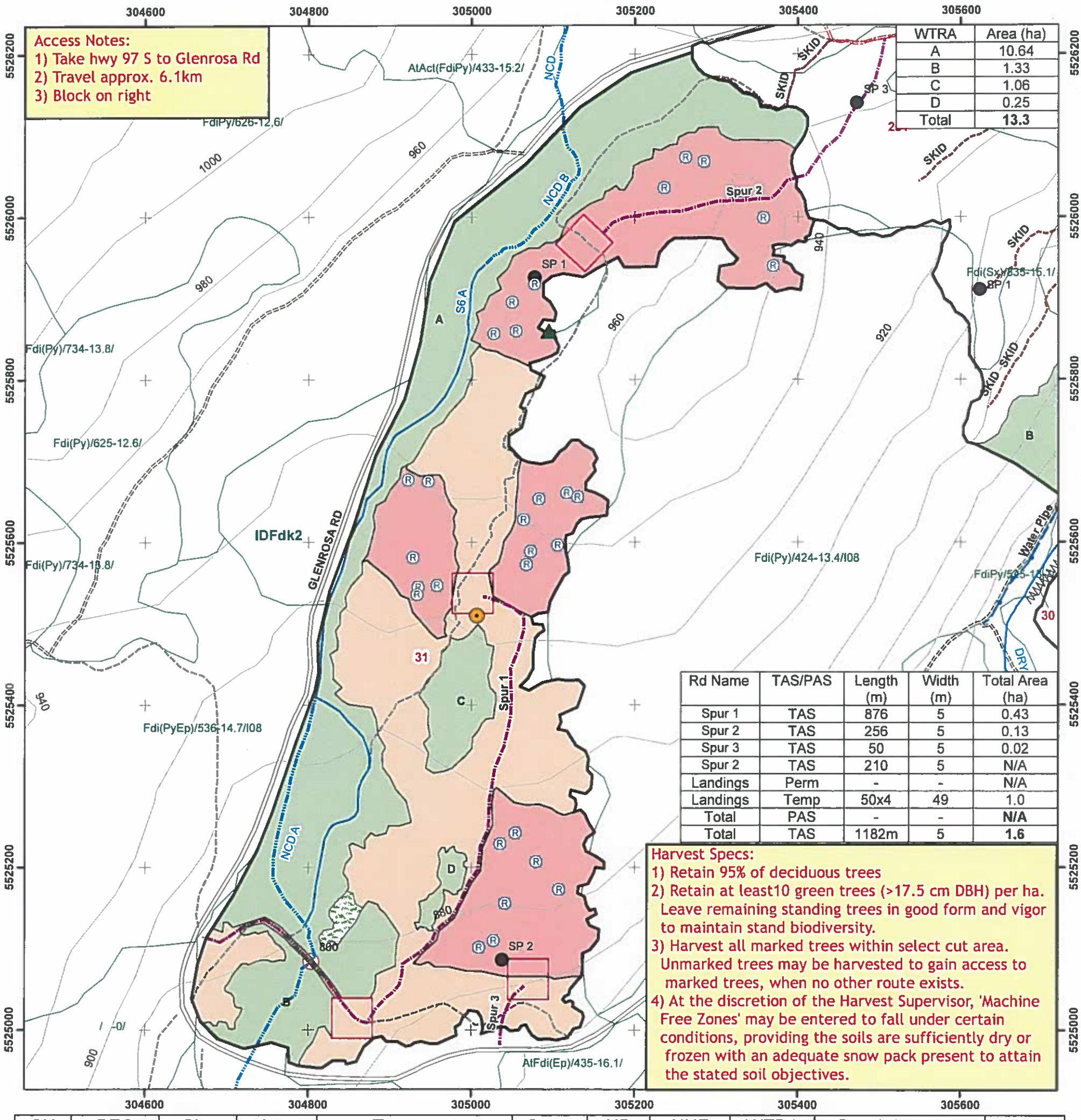
Name (Printed)

RPF'S SIGNATURE and SEAL	RPF PRINTED NAME
	Damon Lawrence
	DATE SIGNED Sept. 18th , 2018
	RPF # 4614
	I certify that I have reviewed this document and, while I did not personally supervise all the work described, I have determined that this work has been done to standards acceptable of a Registered Professional Forester.

Map attached forms an integral part of the site plan.

Site Plan Map

Forest Region:	Southern Interior	Cutting Permit:	17	Gross Area (ha):	37.4
Forest District:	Okanagan-Shuswap	Block:	31	NAR (ha):	23.9
PSYU:	187	Comm Watershed:	None	Map Scale:	1:5,000
Mapsheet/Opening #:	082E082	Timbermark:	K1P017	Projection:	UTM-NAD83 Zone 11
Licence:	K1P	Location:	Glenrosa Rd	Date:	27-Sept-18



SU	BEC Zone	Site Series	Avg. Slope	Treatment Description	Gross Area (ha)	NP Nat.	NHZ	WTRA	Roads/Landing		NAR
									TAS	NP PAS	
1	IDFdk2	05(04)	12%	Select cut	26.2	0.2	0	13.3	1.6	0	12.7
2	IDFdk2	05(04)	10%	Clear cut with Retention	11.2	0	0	0	0	0	11.2
				Totals:	37.4	0.2	0	13.3	1.6	0	23.9

km_signs, Bridge, Cattle, Centroid, Falling corner, Gate, Prop culvert, Powerline Tower, Reach break

Rock, Skid crossing, SP plot, Station, VRP, Wet, Fish barrier, Culverts, 20m contours, Streams

NCD, Fence, Gully, Proposed Rd, Ridge, Skid trail, TAS, Other roads, FSR, Highway

Pipeline, Power line, Recreation, Trail, unclassifed, Wetlands, Lake, Landing, perm., Landing, temp., Blocks, WTRA

NP Rock, SU 1, SU 2, VRI_2018, bec10, OGMA, Parks, WFN CFA

0 100 200 400 Meters

Coordinates of Block Centre
Easting: 305,006
Northing: 5,525,510
Latitude: 49°51'1" N
Longitude: 119°42'45" W

N

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Draftsman: Carson MacKenzie
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