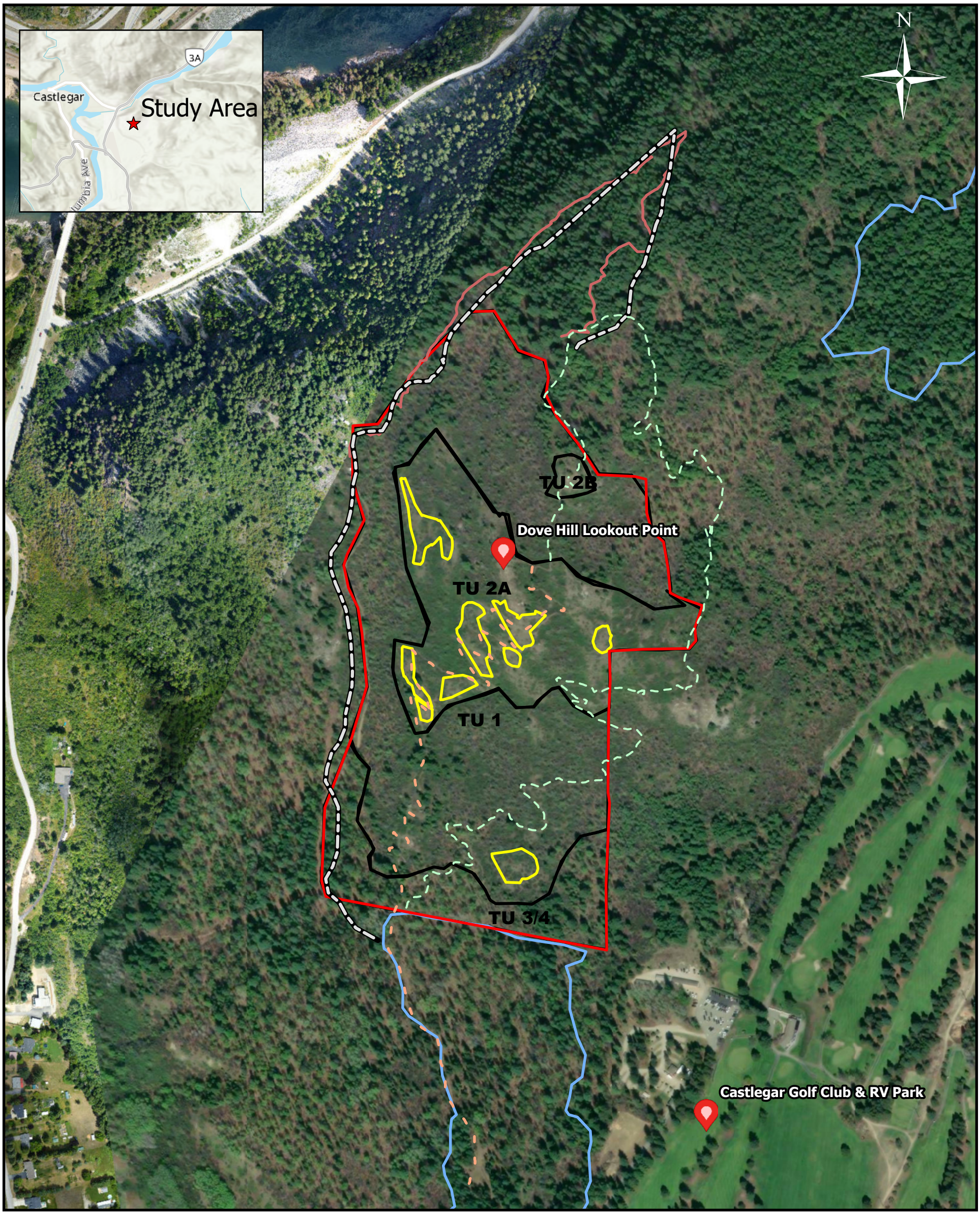
Dove Hill Brushland Ecosystem Enhancement Project



- Project Boundary
- Treatment Units
- Cheat Units
- Ministry of Forests Wildfire Risk Reduction Treatment Units
- Hiking Trail
- Access Road
- Elk Root Cut off Trail
- Unsanctioned Bike Trail

TREATMENT UNIT (TU) SUMMARY

TU	GROSS AREA (ha)	TREATMENT (Tx) REGIME	GENERAL DESCRIPTION
1	15.2	RxF, PRU/WP, L&S, IPM, P, S	ICHxw Gb03 brushland ecological unit with dense shrub cover, dry S-SW facing slopes ranging from 15-55%. Canopy closure ranges from 0% to 84%. Tx will apply fire to reduce shrub and conifer density to restore brushland structure and stimulate shrub health. Integrated invasive management will reduce invasive species and restore native plant community.
2A, B	7.35	RxF, PRU/WP, L&S, IPM, P, S	ICHxw Gb03 brushland ecological unit with more open, and rocky outcrops. Dry S-SW facing slopes ranging from 5-50%. Canopy closure 0% recorded at plots. Tx will focus on invasive management to reduce invasive species and restore native plant community, with majority of Cheat Units identified within. Goals include the reduction of shrub and conifer density to restore brushland structure, encourage shrub health.
3,4	3.11	RxF, PRU/WP, L&S, IPM	Primarily ICHxw 101 to 104 site series with 58-92% canopy closure. Situated at toe of slope with higher moisture, continuous conifer stands and shrub cover. Limited invasives identified. Tx will include target ladder fuel removal to protect larger diameter conifers and invasive management.
Cheat Units	*1.04**	RxF, IPM, H, P, S	Units mapped within TU 1, 2A identified as higher density cheatgrass (*Bromus tectorum)* areas. Specific treatment includes high density planting of native perennial grass plugs and targeted herbicide application for pre-emergent annual grass to reduce competition from cheatgrass and restore native plant diversity.
TOTAL	25.7 **Cheat Units fall within TU 1, 2A therefore excluded from Total*		

METHODS: Prescribed fire (RxF), Targeted thinning and pruning of ladder fuels (PRU), Surface fuel removal (SFR), Pile and burn (PB), Lop and scatter (L&S), Shrub Cutting (SC), Invasive plant management (IPM), Herbicide (H), Planting (P), Seeding (S), WP (Wildlife tree protection).

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syilx Okanagan Nation Alliance