

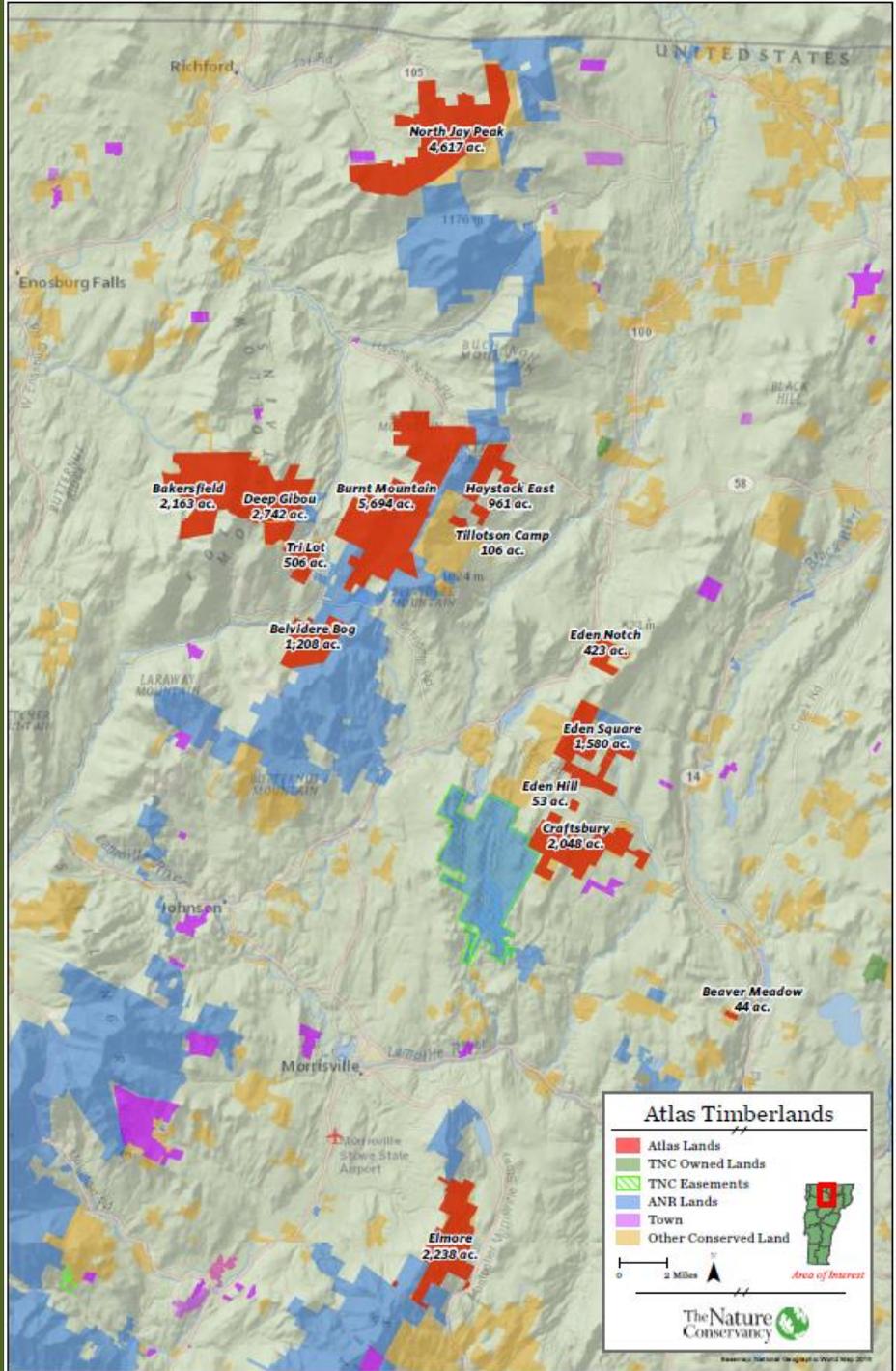


Burnt Mountain Carbon Project: Compliance Carbon



Burnt Mountain Ecological Reserve





Atlas Timberlands

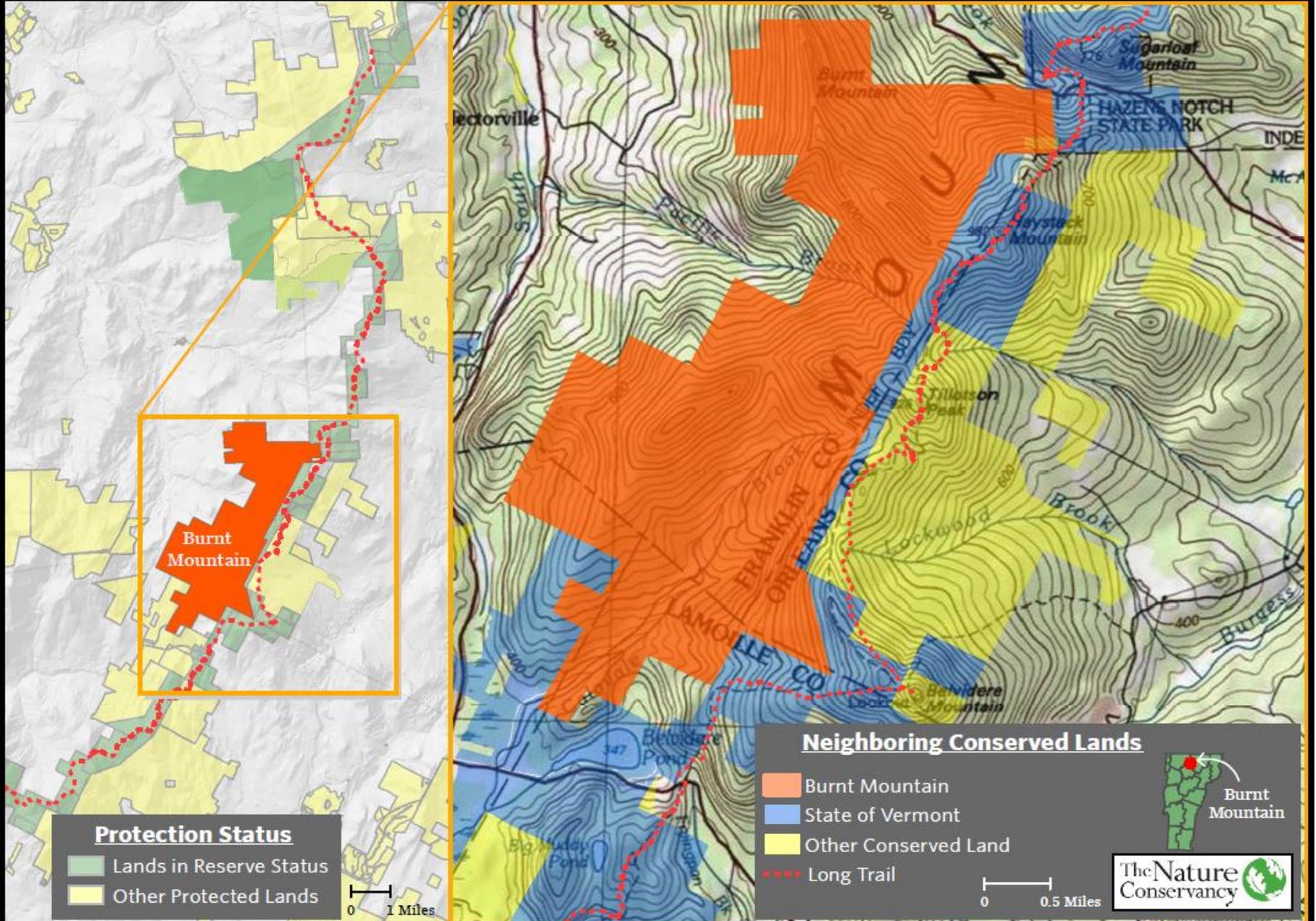
- Atlas Lands
- TNC Owned Lands
- ▨ TNC Easements
- ANR Lands
- Town
- Other Conserved Land

0 2 Miles

The Nature Conservancy

Reference: National Geographic World Map 2010

Burnt Mountain | New 5,408-acre Ecological Reserve in Northern Vermont

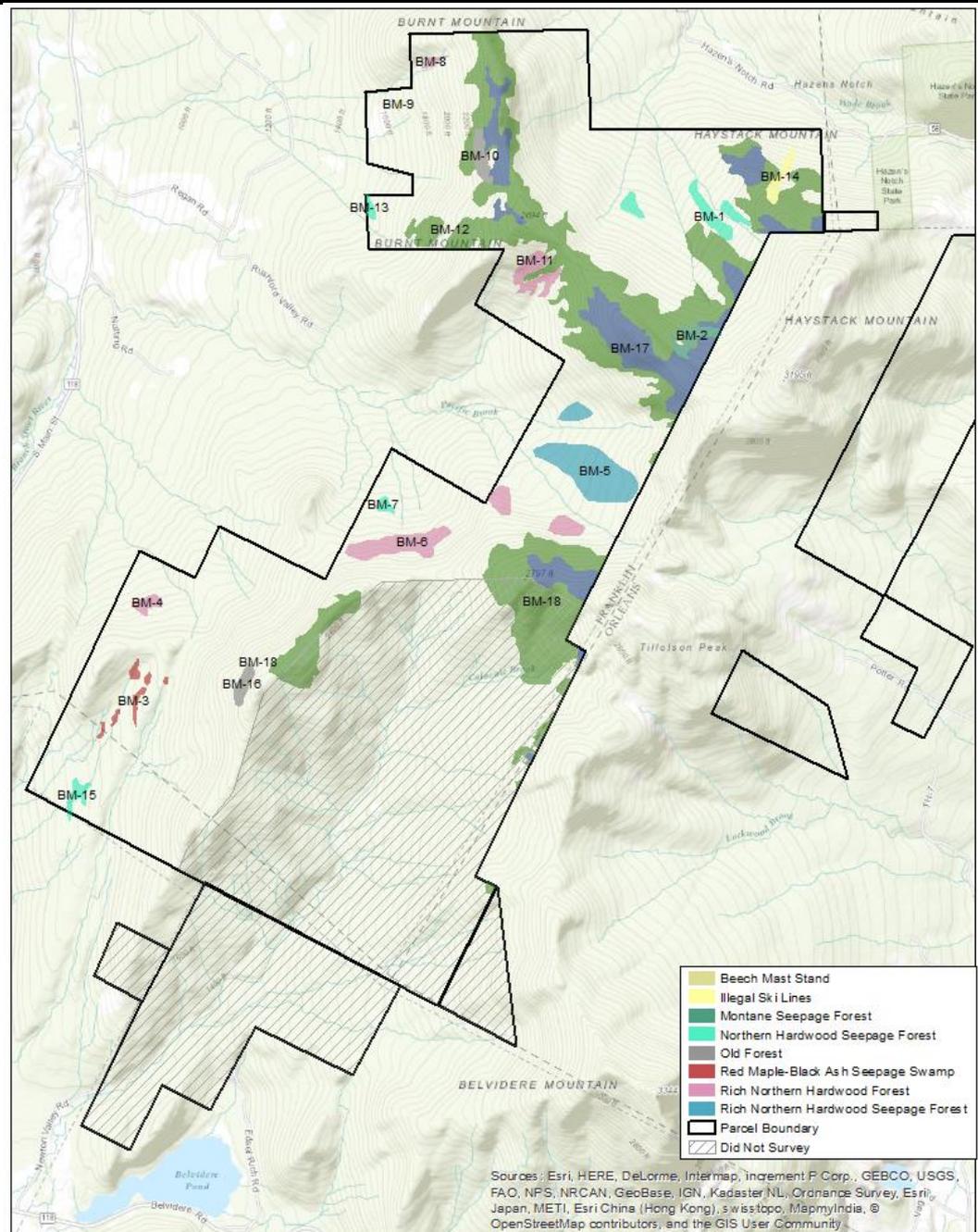








Burnt Mountain Natural Communities & Special Features



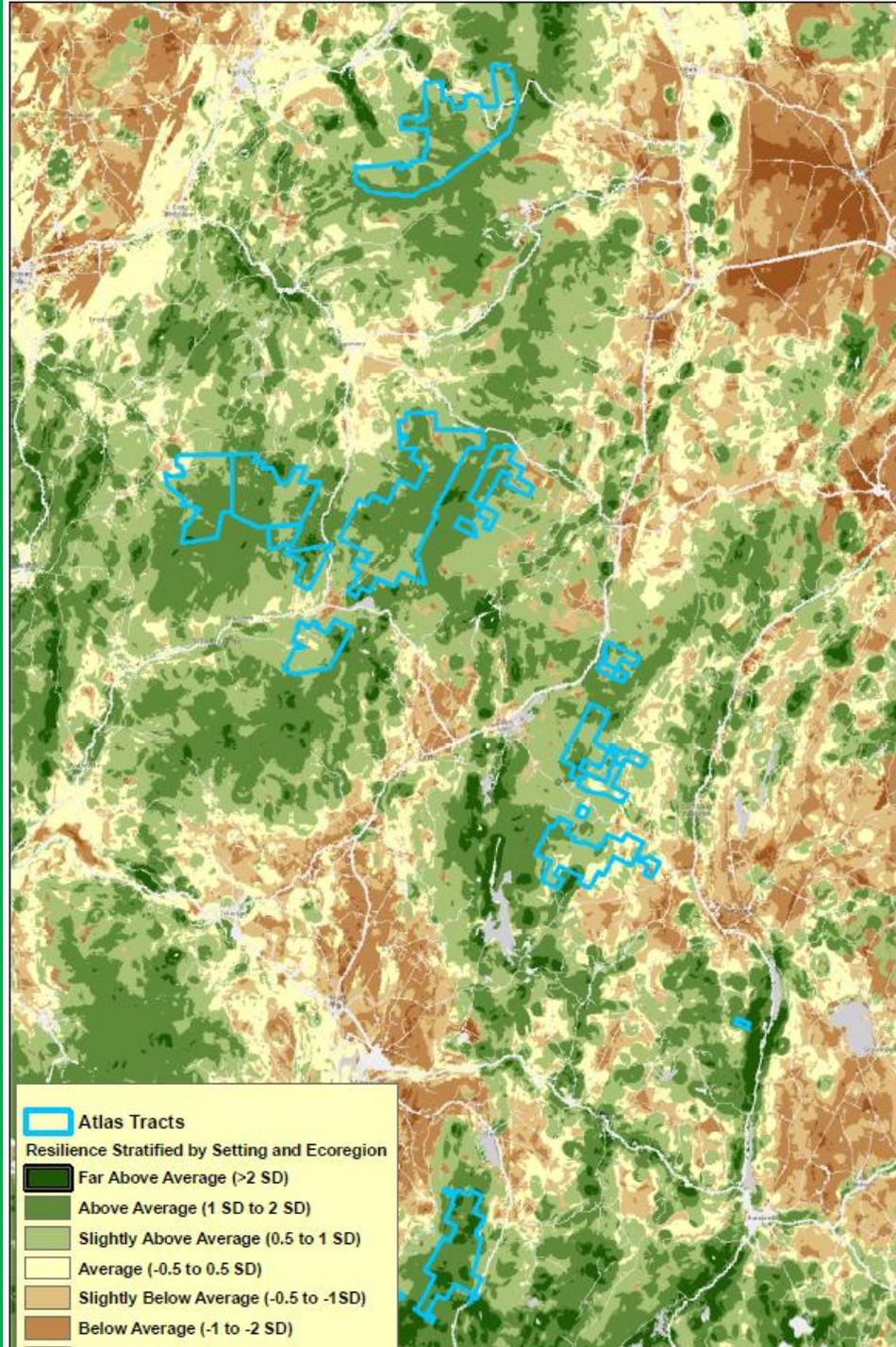
Map created by Hannah Phillips
UVM Ecological Planning Program
Field work conducted in August 2016

Atlas Timberlands Partnership
Burnt Mountain Resource Map

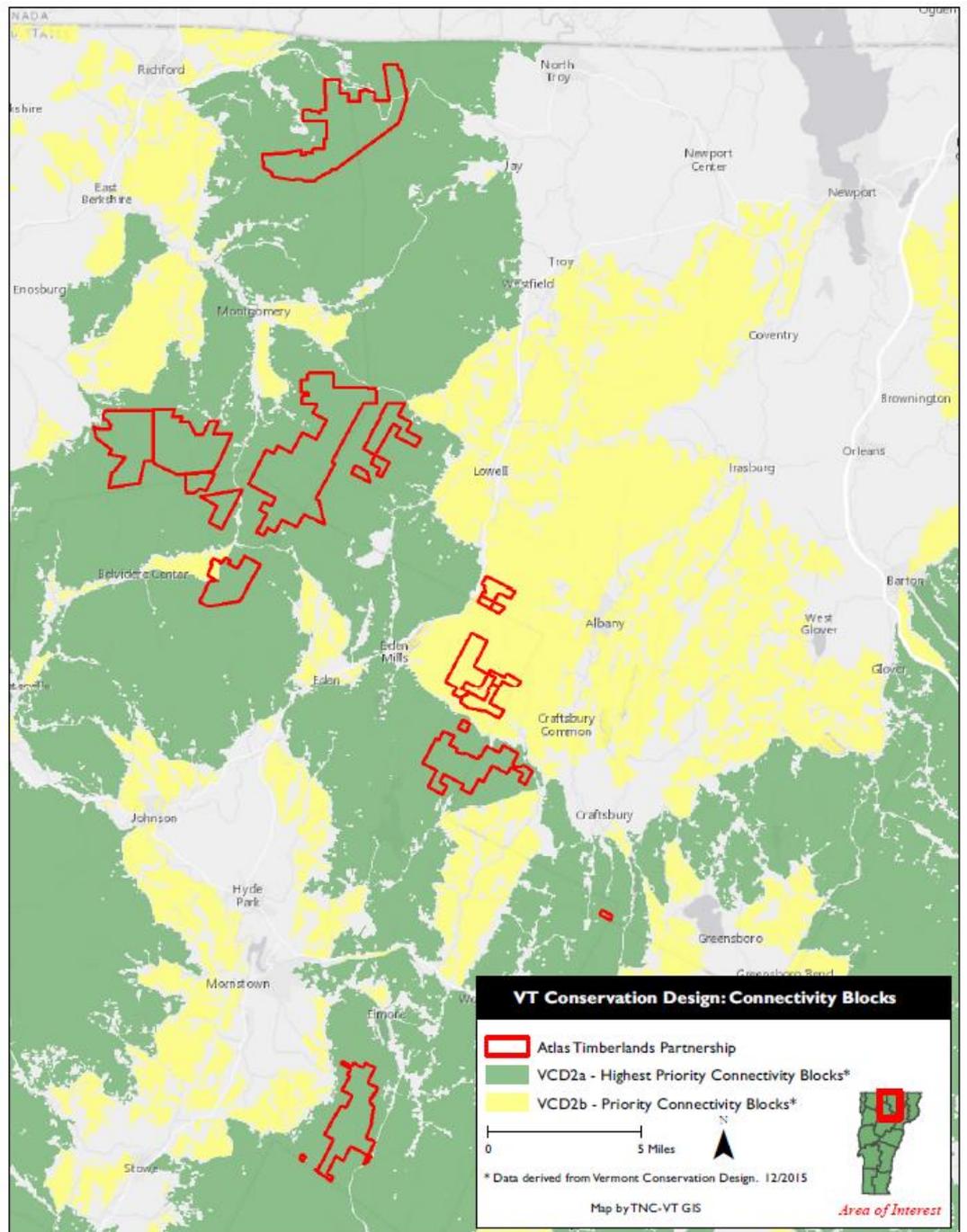
0 0.3 0.6 1.2 Miles

Climate Resilience

Presence of resilient landscapes (focusing on components, e.g. landform diversity, regional flow, etc.).



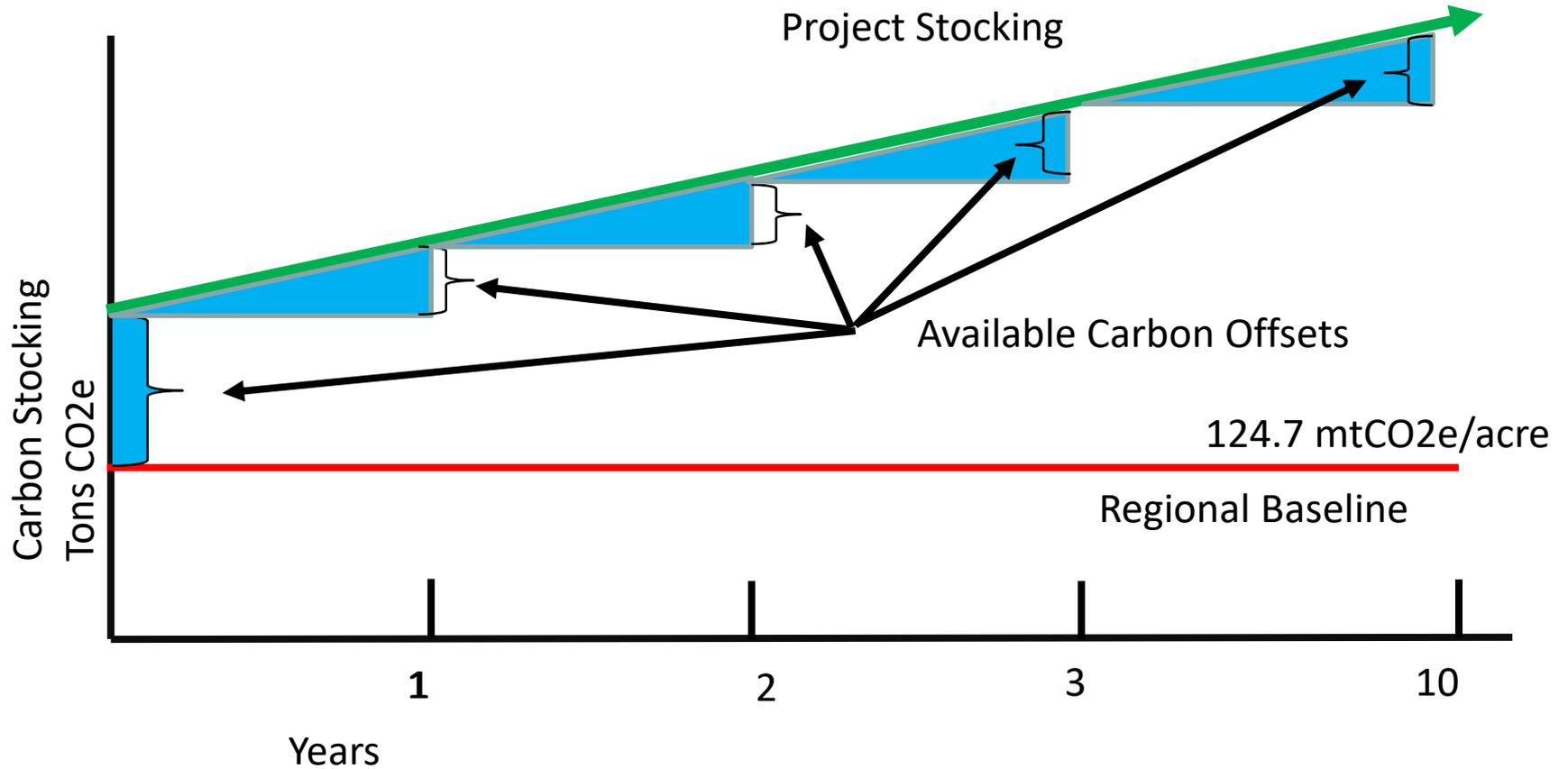
Vermont Conservation Design



Carbon Market Opportunity



Burnt Mountain: Carbon Project



Burnt Mountain Carbon Project

Total Standing Carbon (Live and Dead)

	<u>Project</u> (mtCO ₂ e/acre)	<u>Baseline</u> (mtCO ₂ e/acre)
Standing Live	159.9	121.5
Standing Dead	3.2	3.2
Total	163.1	124.7

Estimate based on 2017 timber inventory. Subject to change based on Summer 2019 carbon inventory.

Burnt Mountain Carbon Project

Pre-Field Inventory Estimated Volume and Revenue

Date	Volume Sold (a)	Price (b)	Gross Revenue	Total Expense (c)	Net Revenue	Forest Owner Revenue (d)
2019	187,734	\$13.00	\$2,440,542	\$138,742	\$2,301,800	\$1,841,440
2020	6,632	\$13.65	\$90,527	\$16,694	\$73,833	\$59,066
2021	6,632	\$14.33	\$95,053	\$16,694	\$78,359	\$62,688
2022	6,632	\$15.05	\$99,806	\$16,694	\$83,112	\$66,490
2023	6,632	\$15.80	\$104,796	\$16,694	\$88,102	\$70,482
2024	6,632	\$16.59	\$110,036	\$16,694	\$93,342	\$74,674
2025	6,632	\$17.42	\$115,538	\$84,694	\$30,844	\$24,675
2026	6,632	\$18.29	\$121,315	\$16,694	\$104,621	\$83,697
2027	6,632	\$19.21	\$127,380	\$16,694	\$110,687	\$88,549
2028	6,632	\$20.17	\$133,749	\$16,694	\$117,056	\$93,644
TOTAL	247,422		\$3,438,742	\$356,986	\$3,081,756	\$2,465,404

Monitoring Endowment (e) **\$212,830**

Questions?

