Processed Snow Roads, Runways, and Whatever

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Early Snow Processing Research

Questions to Answer

Quest	.10115	U AI	Unconfined	Unconfined
Snow Description	Typical Density (g/cc)	Rammsonde Hardness	Compressive Strength (kPa)	Compressive Strength (psi)
Fine milled, not compacted or impacted (1/2 hour after processing)	Floåting	Slab?	240	35
Fine milled and impacted (1/2 hour after processing)	old Snow	Set [®] Up)? ³¹⁰	45
Fine milled, impacted and compacted by vibrate hour after processing)	ngth. Deg	redati	on 2760	75 to 110
Coarse milled and compacted (not with new groomer 1/2 hour after	Layeri	ng?	345	50
Coarse milled and compacted (not with new groomer 24 hours after	0.55 to 0.58	200 to 300	480 to 620	70 to 90
Ice (for comparison)	0.86	>1000	1100	160

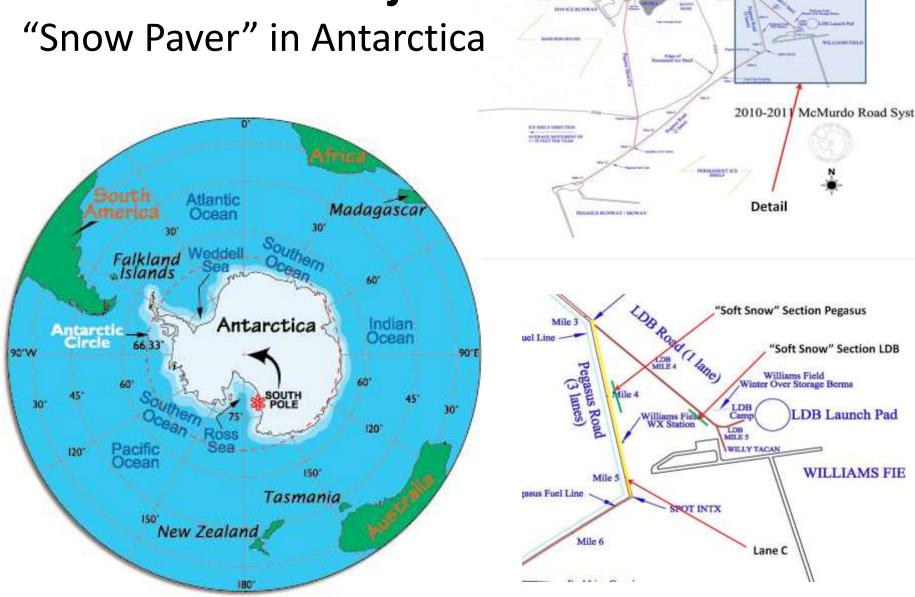








The Current Project



AND PER ME VEAL



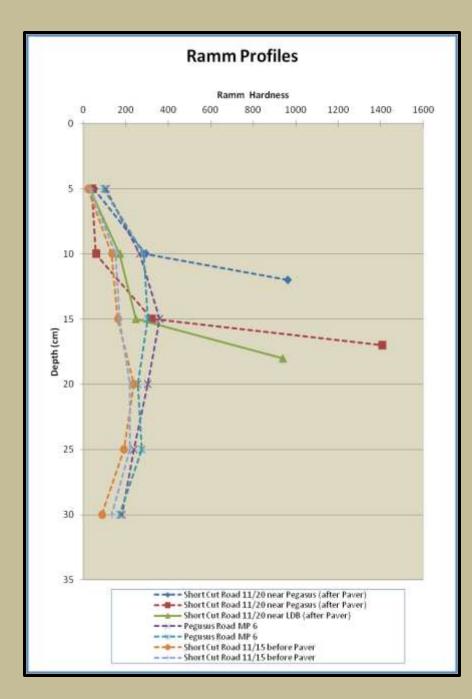












Snow Description	Typical Density (g/cc)	Rammsonde Hardness	Unconfined Compressive Strength (kPa)	Unconfined Compressive Strength (psi)
Fine milled, not compacted				
or impacted (1/2 hour after processing)	0.42	50	240	35
Fine milled and impacted	0.5	80	310	45
(1/2 hour after processing)	0.3		340	77.0
Fine milled, Impacted and				
compacted by vibrator (1/2	0.58 to 0.68	240 to 480	520 to 760	75 to 110
hour after processing)				
Coarse milled and				
compacted (not with new	0.55 to 0.58	100	345	50
groomer 1/2 hour after				
Coarse milled and				
compacted (not with new	0.55 to 0.58	200 to 300	480 to 620	70 to 90
groomer 24 hours after				
ice (for comparison)	0.86	>1000	1100	160



