

#### SEEDLING COUNTER

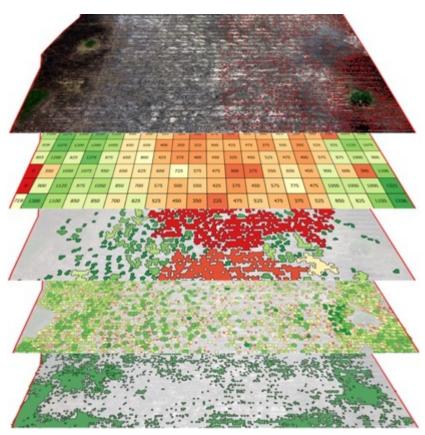
Example Report 0/ Overview

#### SEEDLING SURVIVAL MAPS



This first page is meant to show you the high precision maps and results that can be obtained with SKYLAB precision forestry tools.

SKYLAB's Seedling Counter delivers high precision maps showing seedling density, failures, vitality and weeds across the whole stand in ¼ha grid cells. 100% comprehensive density measurements with zero terrestrial sampling.



High resolution **ORTHOPHOTO** gives good overview of your stand.

The seedling **DENSITY** map shows the exact density for each 20x20m grid cell across the entire stand.

The **GAP** map highlights areas of seedling failures and gives exact numbers of missing seedlings.

The **VIGOUR** map estimates the relative crown size and vitality of each seedling.

The **WEED** map shows the presence and intensity of weed for the entire stand.



Questions? Need help?

Contact Albrecht von Ruffer ruffer@skylabglobal.com +49 177 65 15 964



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#### **DIGITAL FORESTER Volume**

Example Report 1/ Summary of results

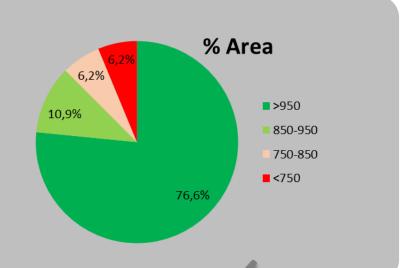
#### **Report Summary**

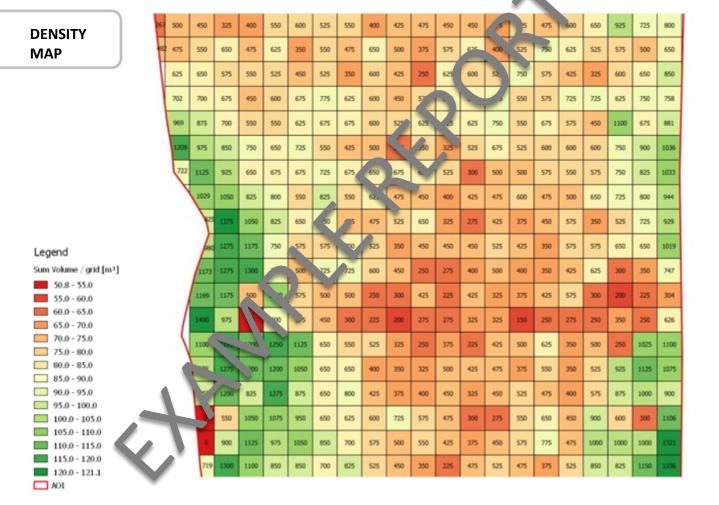
Site [Name], Australia
Analysis Seedling Counter
Species Pinus radiata
Age 10 months
Area 22.49 ha

#### Stocking level 100.3%

Target density 1200/ha Actual density 1203/ha

Log on to <u>www.skylabmaps.com</u> to access your maps



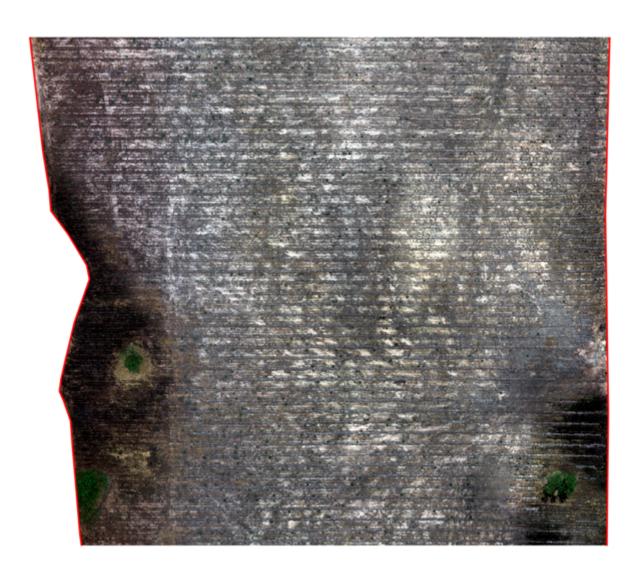






# **ORTHOPHOTO**

Giving a good overview of variations in seedlings, weed, soil properties and harvesting residues across the whole stand.







# **DENSITY MAP**

Providing the density of seedlings present in each of the ¼ha grid cells across the whole stand, making areas of significant failure or low densities easily visible.

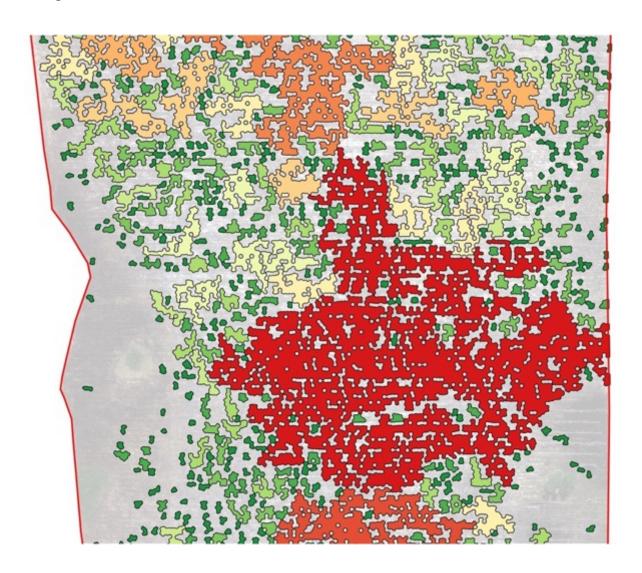
_																					
267	500	450	325	400	550	600	525	550	400	425	475	450	450	375	525	475	600	650	925	725	800
82	475	550	650	475	625	350	550	475	650	500	375	575	625	400	525	750	625	525	575	500	650
	625	650	575	550	525	450	525	350	600	425	250	625	600	525	750	575	425	325	600	650	850
	702	700	675	450	600	675	775	625	600	450	575	650	650	775	550	575	725	725	625	750	758
	969	875	700	550	550	625	675	675	600	525	625	625	625	750	550	675	575	450	1100	675	881
	1209	975	850	750	650	725	550	425	500	275	550	325	525	675	525	600	600	600	750	900	1036
	722	1125	925	650	675	675	725	675	650	675	625	525	300	500	500	575	550	575	750	825	1033
	1	1029	1050	825	800	550	825	550	625	475	450	400	425	475	600	475	500	650	725	800	944
		125	1375	1050	825	650	750	425	475	525	650	325	275	425	375	450	575	350	525	725	929
		980	1275	1175	750	575	575	700	525	350	450	450	450	525	425	350	575	575	650	650	1019
		1173	1275	1300	775	500	725	725	600	450	250	275	400	500	400	350	425	625	300	350	747
		1169	1175	500	1100	575	500	500	250	300	425	225	425	325	375	425	575	300	200	225	304
		1400	975	50	800	575	450	300	225	200	275	275	325	325	150	250	275	250	350	250	626
		1100	1275	1200	1250	1125	650	550	525	325	250	375	225	425	500	625	350	500	250	1025	1100
		939	1275	1200	1200	1050	650	650	400	350	325	500	425	475	375	550	350	525	925	1125	1075
		855	1200	825	1275	875	650	800	425	375	400	450	325	450	525	475	400	575	875	1000	900
		0	550	1050	1075	950	650	625	600	725	575	475	300	275	550	650	450	900	600	300	1106
		0	900	1125	975	1050	850	700	575	500	550	425	375	450	575	775	475	1000	1000	1000	1321
		719	1300	1100	850	850	700	825	525	450	350	225	475	525	475	375	525	850	825	1150	1336

# DIGITAL FORESTER Volume Example Report 2/ Orthophoto



#### **GAP MAP**

The gap map is an additial help to quantify the failures by counting the number of seedlings in a neighbourhood and then classifying the absolute failure numbers into categories.

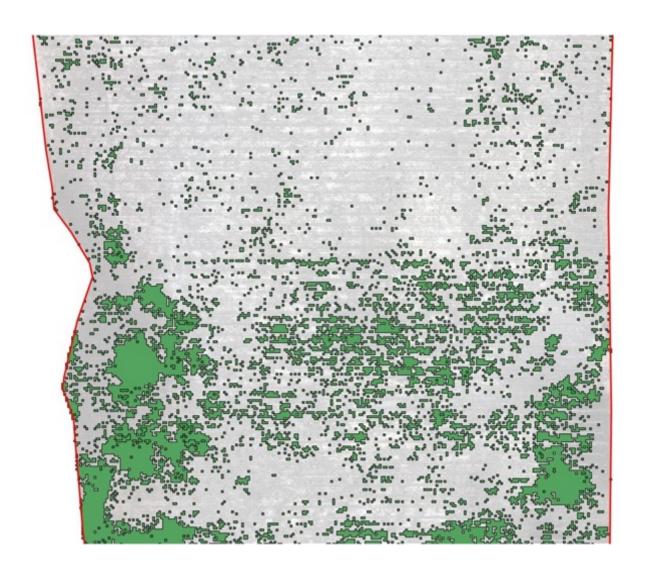


# DIGITAL FORESTER Volume Example Report 2/ Orthophoto



# **WEED MAP**

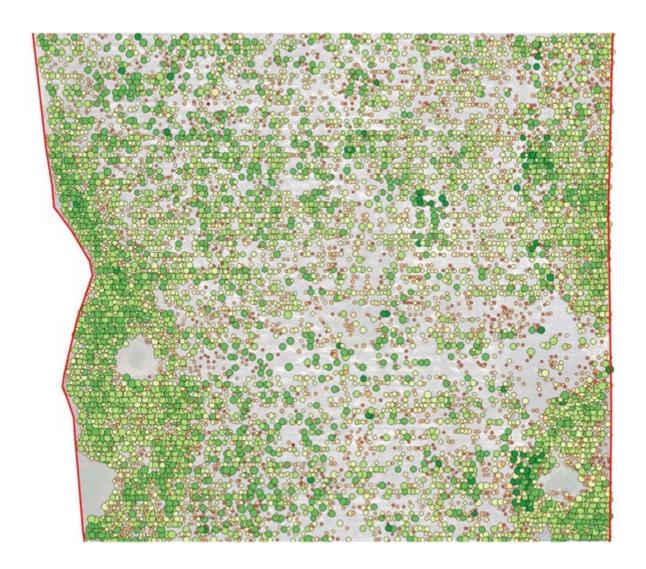
The weed map identifies all vegetation that is not classified as seedlings and provides an overview map of the presence and severity of weed pressure.





# **VIGOUR MAP**

The vigour map compares the crown size of the seedlings and represents the relative vitality of seedlings across the stand.





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