



HARVESTING REPORT

January 2022

TANGOIO FOREST



Madil 123 swing yarder hauling in a stem to Pad 28C.

FMNZ

"Maximising the value of forests since 1974"

Clearfell Harvesting Report – Tangoio – January 2022

Summary

- Gross revenue for the month is **\$290,904.04**
- Costs for the month are **\$146,203.98**
- Net income for the month is **\$144,700.05**
- Tonnes harvested for the month is **2,398.54**
- Net income per tonne for the month is **\$60.33**
- Area cleared for the month is **3.3** hectares

The project performance to date is set out below:

- Project gross revenue to date is **\$36,281,937.55**
- Project costs to date are **\$19,612,360.88**
- Project net income to date is **\$16,669,576.68**
- Tonnes harvested to date is **262,196.25**
- Net income per tonne to date is **\$63.58**
- Recoverable volume per hectare to date is **699** tonnes
- Net income per hectare to date is **\$44,440.35**
- Total forest area is **538.90** hectares, approximate hectares cleared to date is **375.10** hectares.

The total forest area reflects all net stocked areas regardless of age class or previous roadline volumes.

NB: Measured harvest areas are estimated monthly and reconciled with satellite imagery prior to valuations, they are subject to change and should be used as a guide only.

Revenue

Log Sales

Gross income for the month was **\$290,904.04** with an average sale price over all grades of **\$121.28** per tonne.

January 2022 - Log Markets, Hawkes Bay

January export prices have remained flat. This is largely thanks to one of our major exporters who have been paying a premium above the rest of the market. In order to get log supply, the other exporters have had to match prices where they can.

Radiata log inventories on the main Chinese ports we monitor have decreased to 3.9Mm³, with daily offtake tapering off to 62Km³ per day. This expected to reduce further to almost zero as the Lunar New Year approaches in early February.

At this time of the year, we normally see inventory building but supply from all major sources into China has been contracting with the lower USD returns. Overall Chinese demand for logs has softened due to a slowdown in the construction sector and high market prices. The effects of China's response to a heated property market and high levels of debt at the country's second-largest property developer (Evergrande Group), have started to ripple through the construction sector.

Log supply from South America into China is expected to be subdued because of high freight costs. This will partly offset the downward pressure on log demand and prices. In the medium-term, demand and prices are also likely to be supported by the imminent removal of Russian logs from the export market in 2022.

The NZD has continued to slip back against the USD since the beginning of January. The change will hopefully add some AWG value for forest owners next month.

Again, this Quarter Domestic pruned log prices have settled flat, due to concerns relating to the slowdown in harvesting affecting production / supply.

Grade Recovery

Grade out turn for January is as follows:

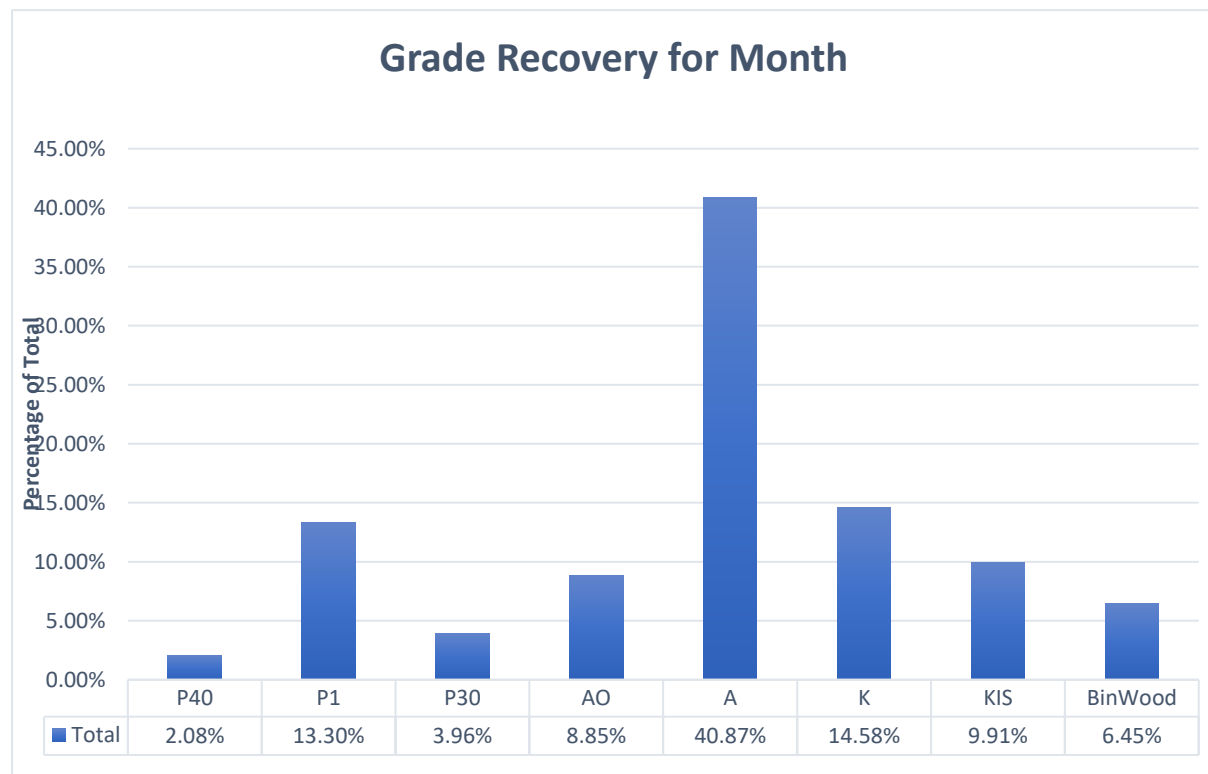


Chart 1: Grade Recovery for Month

Pruned recovery for January comprised 19% of overall sales volume, 13% of which was sold as domestic pruned grades. Pruned recovery is lower than we would like to see but the area the crew is working in has trees with a lot of butt sweep. This means they have been cutting more four metre logs rather than the longer lengths.

High quality export sawlog (AO, A and K grades) made up 64% of the total production volume, with lower quality export (KI and KIS grades) comprising 10% of volume.

The remaining 7% of production was made up of domestic pulp and binwood.

Expenditure

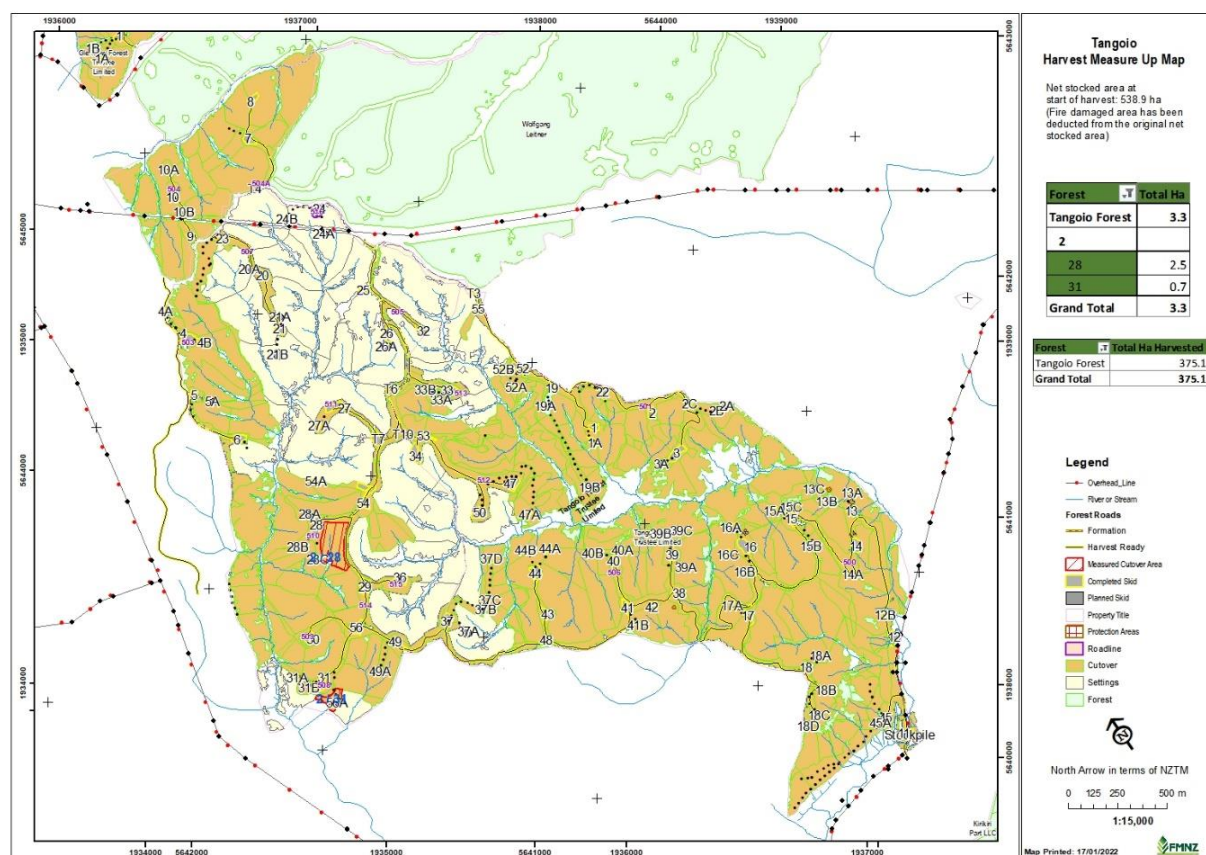
Harvesting

The total logging cost for the month was **\$89,795.60**, an average of **\$37.44** per tonne.

Harvest expenditure for the month is summarised below in Table 1:

LOGGING COSTS		TOTAL
January	Logging – tonnes	\$89,795.60
		\$89,795.60

Table 1: Logging Costs



Pic 1: Progress Map

Harvesting recommenced after the Christmas break on the 17th of January 2022.

During the month of January the harvest crew felled the last of Setting 28 and then moved to Vice Road where they were pulling wood from Setting 31 which is above the Tangoio waterfall.

Cartage

Cartage is managed by Harvest Logistics Ltd, who organise the despatch and supply of log trucks into the forest.

The total cartage expense for the month was **\$36,975.05** which is an average unit rate of **\$15.42** per tonne.

Cartage rates have increased in January because of the effects of diesel price rises.

Cartage expenditure for the month is summarised below in Table 2:

CARTAGE COSTS		TOTAL
January	Cartage - Truck	\$36,975.05
	Weighbridge	\$899.74
		\$37,874.79

Table 2: Cartage Costs

The average cart rate for January inclusive of weighbridge fees is **\$15.79** per tonne.

Engineering

ENGINEERING		RL	CF	TOTAL
January	Establishment - Engineering		\$640.00	\$640.00
	Pads	\$1,442.00		\$1,442.00
	R&M - Culverts Maintenance		\$3,136.00	\$3,136.00
	Upgrade Roads		\$685.00	\$685.00
		\$1,442.00	\$4,461.00	\$5,903.00

Table 3: Engineering Costs

Earthworks costs in January are associated with the construction of Pad 31A to facilitate clearfell harvest, and maintenance work completed on Longview and Sutton Roads to open up water tables and remove small slips.

Net Revenue

Net revenue for the project to date excluding GST is shown in Table 4 below:

MONTH	NET MONTH	NET PROJECT
January	\$144,700.05	\$16,669,576.68

Table 4: Total Revenue

The net revenue for the month equates to an average of **\$60.33** per tonne, or **\$43,848.50** per hectare.

Fees and Levies

Management fees and FGC levies are summarised in Table 5 below:

FEES & LEVIES		TOTAL
January	Management	\$11,636.16
	FGC levy	\$834.78
		\$12,470.94

Table 5: Fees and Levies

Miscellaneous

See Table 6 below:

MISCELLANEOUS		TOTAL
January	Consumables	\$83.65
	Other	\$76.00
		\$159.65

Table 6: Miscellaneous Expenses

Consumable costs are for docket books used for the loadout of logs during January and for antiseptic used to treat the ends of pruned export logs.

Other costs are for the proportional costs of operating the forest digital radio network.

Health and Safety

One property damage incident was reported in January.

The incident occurred while driving when a large bird was hit causing damage to the stone guard and aerial on the vehicle.

Environmental

There was no site-specific environmental planning or monitoring undertaken during January.

Financial Performance

The graph below shows the actual project results compared with the forecast budget.

The orange cumulative line measures actual performance against the forecast budget.

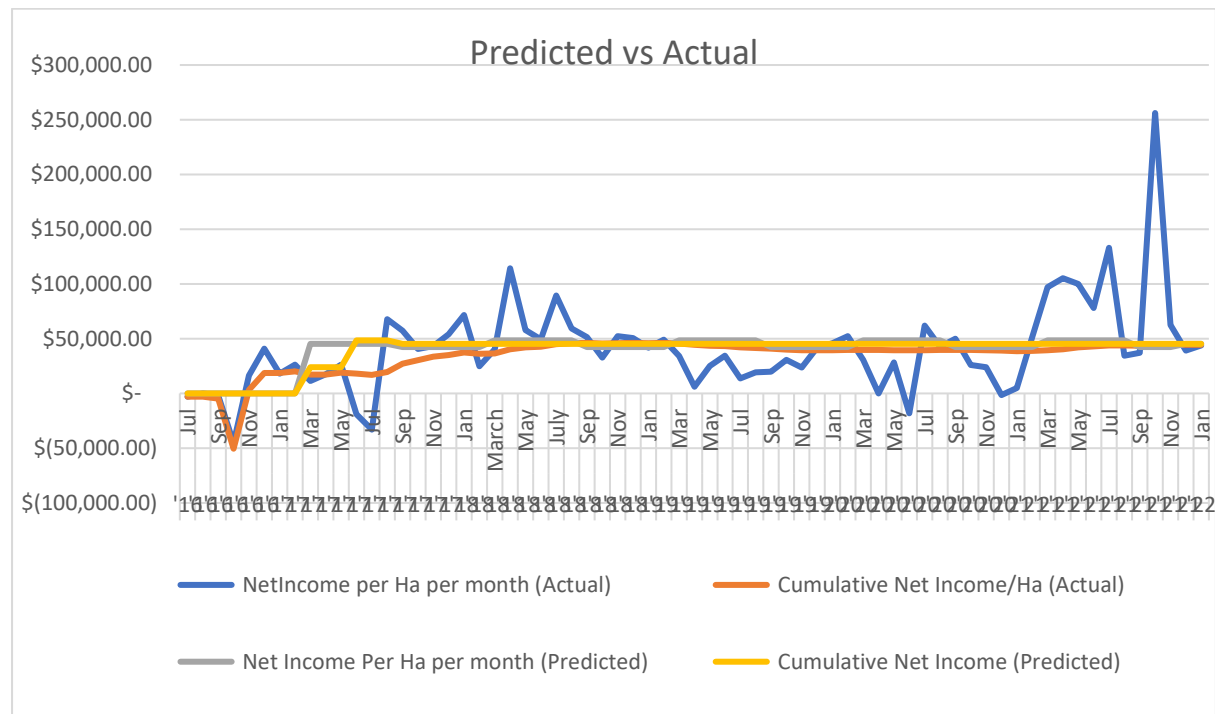


Chart 2: Actual vs Predicted

Net return per tonne to date is **\$63.58**, forecast was \$66.81.

Gross return per tonne to date is **\$138.38**, forecast was \$126.50.

Net return per hectare to date is **\$44,440.35**, forecast was \$45,373.11.

Kind Regards

FMNZ Harvest Team

Appendix 1 Harvesting Financial Summary (Clearfell and Roadline)



Historic Harvesting Financial Summary

Tangoio Forest Partnership

01/01/2022 to 31/01/2022

Paid to bank account # 02-0792-0001473-000

GST # 56-852-220

SALES					
Type	Grade	Tonnes	Jas (m3)	Sales Price	Gross Revenue (\$)
Binwood					
Pulp		154.72		\$45.50	\$7,039.76
TOTAL BINWOOD SALES		154.72			\$7,039.76

Domestic					
Pruned Dom		90.74		\$194.50	\$17,648.93
Pruned Dom	P1 4.9	228.26		\$192.00	\$43,825.92
TOTAL DOMESTIC SALES		319.00			\$61,474.85

Export					
Pruned Exp	P40 3.9	0.00	53.035	\$166.00	\$8,803.81
Pruned Exp	P30 3.9	0.00	102.306	\$130.00	\$13,299.78
A40	AO 3.8	0.00	32.302	\$114.00	\$3,682.43
A40	AO 3.9	0.00	205.540	\$114.00	\$23,431.56
A30	A 3.8	0.00	387.101	\$108.00	\$41,806.91
A30	A 3.8	0.00	19.898	\$112.00	\$2,228.58
A30	A 5.8	0.00	600.996	\$110.00	\$66,109.56
A30	A 5.8	0.00	31.207	\$114.00	\$3,557.60
K	K 3.8	0.00	179.771	\$101.00	\$18,156.87
K	K 3.8	0.00	34.406	\$104.00	\$3,578.22
K	K 5.8	0.00	98.491	\$103.00	\$10,144.57
K	K 5.8	0.00	68.899	\$106.00	\$7,303.29
TOTAL EXPORT SALES		0.00	1,813.952		\$202,103.18

Export Pulp					
Export Pulp	KIS 2.9	0.00	16.033	\$78.00	\$1,250.57
Export Pulp	KIS 2.9	0.00	86.252	\$80.00	\$6,900.16
Export Pulp	KIS 3.8	0.00	15.866	\$86.00	\$1,364.48
Export Pulp	KIS 3.8	0.00	123.805	\$87.00	\$10,771.03
TOTAL EXPORT PULP SALES		0.00	241.956		\$20,286.24
TOTAL		473.72	2,055.908		\$290,904.03

FEES	
FMNZ Management Fee @ %	\$11,636.16
TOTAL FEES	\$11,636.16

Appendix 1 Harvesting Financial Summary (Continued)

LEVIES	
Forest Grower Commodity Levy @ \$0.33	\$834.78
TOTAL LEVIES	\$834.78
COSTS	
Harvesting	\$89,795.60
Cartage	\$36,975.05
Weighbridge	\$899.74
	\$685.00
Consumables	\$83.65
Establishment	\$640.00
Other	\$76.00
Pads	\$1,442.00
R&M - Culvert Maintenance	\$3,136.00
TOTAL COSTS	\$133,733.04
TOTAL FEES, LEVIES & COSTS	\$146,203.98
NET INCOME	\$144,700.05
GST	\$21,705.01
NET INCOME (INCLUDING GST)	\$166,405.06



Photo 1: Loaders' operation zone between the stacks and loadout bay on Landing 28.



Photo 2: Loading out a truck on Landing 31.



Photo 3: Processing stems into grade piles to be QC'd.



Photo 4: Looking down at the haul setting from above at Setting 31.

TANGOIO CUMULATIVES

Categories	Descriptions	May 13 - Feb 17	Mar 17 - Feb 18	Mar 18 -Feb 19	Mar 19 -Feb 20	Mar 20 - Feb 21	Mar 21	Apr 21	May 21	June 2021	July 2021	Aug 2021	Sep 2021	Oct 2021	Nov 2021	Dec 2021	Jan 2022	Grand Total
Engineering	Borrow Pit		-\$20,357.50	-\$1,454.50														-\$21,812.00
	Corduroy		-\$6,300.00															-\$6,300.00
	Crossings	-\$58,907.68	-\$4,360.00	-\$25,775.00														-\$89,042.68
	Culvert Installation			-\$16,722.40	-\$21,177.48	-\$4,233.25												-\$42,133.13
	Culverts	-\$20,104.76	-\$54,985.33	-\$26,207.09	-\$31,004.01	-\$5,692.68												-\$137,993.87
	Culverts - Freight	-\$642.50	-\$690.00	-\$120.00	-\$450.00	-\$437.40	-\$212.50											-\$2,552.40
	Entranceway - Seal		-\$2,166.96	-\$2,504.31														-\$4,671.27
	Establishment - Engineering	-\$7,000.00	-\$20,311.50	-\$14,052.99	-\$10,962.86	-\$8,472.20	-\$798.00	-\$976.00	-\$1,040.00	-\$1,672.00		-\$640.00		-\$400.00			-\$640.00	-\$66,965.55
	Fluming	-\$4,879.50	-\$1,461.14	-\$4,994.92	-\$32,916.51	-\$3,624.96	-\$3,379.01											-\$51,256.04
	Geotextiles	-\$9,343.47	-\$32,584.60	-\$8,636.20	-\$20,584.28													-\$71,148.55
	Grass Seeding				-\$9,741.70	-\$617.50		-\$683.75										-\$11,042.95
	Landings	-\$76,908.00	-\$82,325.50	-\$69,335.80	-\$202,975.10	-\$67,431.17												-\$498,975.57
	Loader Hire				-\$4,226.40													-\$4,226.40
	Loadout Bay Construction			-\$165.00	-\$3,085.50	-\$3,501.95		-\$882.00	-\$240.00	-\$280.00								-\$8,154.45
	Loadout Bay Metal	-\$1,755.00		-\$5,907.46	-\$10,687.84	-\$5,570.95					-\$112.00							-\$24,033.25
	Metal - Winning			-\$20,835.21														-\$20,835.21
	Metal Lime	-\$36,216.75	-\$78,590.25	-\$23,426.10	-\$124,475.85	-\$47,299.07												-\$310,008.02
	Metal Rock	-\$11,122.45	-\$49,244.51	-\$28,746.17	-\$109,257.21	-\$32,532.87			-\$2,174.30					-\$273.25				-\$233,350.76
	Other		-\$118.60	-\$3,168.90	-\$21,746.07	\$2,680.30				-\$35.00	-\$50.00							-\$22,438.27
	Pads			-\$20,919.07	-\$15,698.71	-\$6,933.20	-\$8,212.00	-\$5,558.00				-\$960.00		-\$975.00			-\$1,442.00	-\$60,697.98
	Pavement			-\$67,698.33	-\$147,984.16	-\$2,835.89		-\$196.00										-\$218,714.38
	R&M		-\$10,522.50	-\$30,551.07	-\$36,331.53	-\$17,811.76				-\$812.00	-\$280.00	-\$2,542.50						-\$98,851.35
	R&M - Culverts Maintenance			-\$325.00													-\$3,136.00	-\$3,461.00
	R&M - Event Cleanup		-\$12,642.50															-\$12,642.50
	R&M - Metal			-\$804.49	-\$7,355.02	-\$11,123.52			-\$720.00	-\$2,228.75	-\$4,057.00	-\$2,365.50		-\$1,912.75		-\$2,338.00		-\$32,905.02
	R&M - Road Maintenance		-\$9,978.00	-\$5,889.76	-\$2,879.38	-\$12,342.19	-\$1,748.00		-\$4,980.00	-\$9,404.00	-\$8,354.00			-\$2,985.00				-\$58,560.33
	Rehab			-\$24,205.90	-\$59,315.73	-\$18,647.96	-\$6,305.00	-\$756.00	-\$4,725.00	-\$420.00	-\$854.00			-\$2,175.00				-\$117,404.59
	Rehab - Drainage		-\$2,380.00															-\$2,380.00
	Rehab - Environmental		-\$3,112.50	-\$14,590.00	-\$181.29							-\$1,120.00						-\$19,003.79
	Rehab - Skids/Pads		-\$6,034.70	-\$2,254.63	-\$9,720.00	-\$2,310.00												-\$20,319.33
	Road Formation	-\$98,830.90	-\$321,820.48	-\$105,020.88	-\$203,417.90	-\$43,244.81												-\$772,334.96
	Sediment Control				-\$1,933.50	-\$662.45												-\$2,595.95
	Spread from stockpile	-\$2,500.00	-\$26,035.00	-\$95,728.41	-\$324,870.46	-\$5,706.97												-\$454,840.83
	Stockpile Works				-\$4,290.18			-\$770.00										-\$5,060.18
	Temp Landings			-\$2,678.00	-\$18,427.33													-\$21,105.33
	Trucks - Cart & Dump	-\$28,877.40	-\$109,542.65	-\$76,933.20	-\$658,455.50	-\$49,981.73										-\$1,356.04		-\$925,146.52
	Trucks - Cart & Spread	-\$8,567.50	-\$102,150.00	-\$251,339.55	-\$137,535.33	-\$20,956.83				-\$800.00	-\$440.00							-\$521,789.21
	Two Stage			-\$555.00														-\$555.00
	Upgrade Roads																-\$685.00	-\$685.00
Engineering Total		-\$365,655.91	-\$957,714.22	-\$951,545.32	-\$2,227,396.63	-\$373,581.17	-\$20,654.51	-\$9,821.75	-\$13,879.30	-\$15,651.75	-\$14,147.00	-\$7,628.00		-\$8,721.00		-\$3,694.04	-\$5,903.00	-\$4,975,993.59
Fees	FGC levy	-\$2,397.64	-\$11,567.17	-\$18,594.56	-\$18,833.32	-\$7,176.78	-\$1,496.01	-\$1,472.82	-\$2,139.15	-\$1,615.08	-\$1,749.69	-\$934.82	-\$1,809.89	-\$1,595.96	-\$1,242.87	-\$859.84	-\$834.78	-\$74,320.38
	Management	-\$45,716.12	-\$236,093.74	-\$394,616.83	-\$356,533.85	-\$131,290.14	-\$26,819.21	-\$27,372.96	-\$40,917.48	-\$32,736.46	-\$34,900.14	-\$15,242.53	-\$30,044.54	-\$25,994.62	-\$16,465.71	-\$11,647.85	-\$11,636.16	-\$1,438,028.35
Fees Total		-\$48,113.76	-\$247,660.91	-\$413,211.38	-\$375,367.17	-\$138,466.92	-\$28,315.22	-\$28,845.78	-\$43,056.63	-\$34,351.54	-\$36,649.84	-\$16,177.36	-\$31,854.43	-\$27,590.58	-\$17,708.58	-\$12,507.69	-\$12,470.94	-\$1,512,348.73
Harvesting	Cartage - Trans Shipping			-\$1,430.00	-\$1,618.83	-\$150.00												-\$3,198.83
	Cartage - Truck	-\$97,496.80	-\$460,197.01	-\$829,360.11	-\$894,768.90	-\$313,821.47	-\$58,078.63	-\$57,098.29	-\$81,656.73	-\$67,864.84	-\$76,987.64	-\$41,375.18	-\$77,770.22	-\$70,776.40	-\$52,753.29	-\$36,745.00	-\$36,975.05	-\$3,253,725.56
	Establishment - harvesting	-\$8,396.50	-\$8,862.60	-\$10,029.50	-\$5,360.00	-\$3,468.75	-\$840.00			-\$1,920.00	-\$550.00		-\$550.00					-\$39,977.35
	Logging	-\$351,873.48	-\$1,446,472.98	-\$2,405,674.60	-\$2,647,474.74	-\$932,190.66	-\$158,517.66	-\$165,613.80	-\$232,686.08	-\$188,989.57	-\$196,891.15	-\$106,602.46	-\$200,049.47	-\$180,275.21	-\$133,657.08	-\$95,689.34	-\$89,795.60	-\$9,532,453.87
	Tracking			-\$24,452.98	-\$10,170.38	-\$14,030.70	-\$3,360.00					-\$800.00		-\$2,025.00				-\$54,839.06
	Trailer Lifting	-\$954.47	-\$1,734.25			-\$18.00	-\$42.00	-\$60.00	-\$12.00	-\$6.00	-\$12.00		-\$36.00	-\$6.00	-\$18.00	-\$6.00		-\$2,904.72
Harvesting Total	Weighbridge	-\$2,661.09	-\$12,833.32	-\$22,127.63	-\$22,648.44	-\$8,505.50	-\$1,471.10	-\$1,471.19	-\$2,007.46	-\$1,579.97	-\$1,602.27	-\$956.73	-\$1,751.88	-\$1,632.05	-\$1,164.36	-\$939.38	-\$899.74	-\$84,252.13
		-\$461,382.34	-\$1,930,100.17	-\$3,293,074.83	-\$3,582,041.27	-\$1,272,185.08	-\$222,309.39	-\$224,243.28	-\$316,362.28	-\$260,360.38	-\$276,043.06	-\$149,734.37	-\$280,157.57	-\$254,714.66	-\$187,592.73	-\$133,379.72	-\$127,670.40	-\$12,971,351.52
Income	Log Sales	\$1,142,902.94	\$5,902,343.56	\$9,865,421.91	\$8,913,346.28	\$3,282,253.45	\$670,480.17	\$684,324.04	\$1,022,936.93	\$818,511.56	\$872,503.56	\$381,063.34	\$751,113.60	\$649,865.58	\$411,642.78	\$291,196.23	\$290,904.04	\$35,950,809.96
	Other Income								\$331,127.59									\$331,127.59
Income Total		\$1,142,902.94	\$5,902,343.56	\$9,865,421.91	\$8,913,346.28	\$3,282,253.45	\$670,480.17	\$684,324.04	\$1,354,064.52	\$818,511.56	\$872,503.56	\$381,063.34	\$751,113.60	\$649,865.58	\$411,642.78	\$291,196.23	\$290,904.04	\$36,281,937.55
Miscellaneous	Arboriculture			-\$4,590.00														-\$4,590.00
	Consents	-\$1,853.00																-\$1,853.00
	Consultancy Fees	-\$3,313.75	-\$1,247.50	-\$2,972.83	-\$386.36							-\$614.39						-\$8,534.83
	Consumables	-\$451.79	-\$1,641.19	-\$4,368.35	-\$2,168.32	-\$2,005.08	-\$71.42	-\$101.14	-\$179.99	-\$80.48	-\$122.54	-\$47.40	-\$89.69	-\$129.35	-\$64.46	-\$39.56	-\$83.65	-\$11,644.39
	Fencing		-\$17,722.12															-\$17,722.12
	Other	-\$6,668.96	-\$6,550.13	-\$4,870.97	-\$2,553.93	-\$3,359.50		-\$115.00	-\$95.00	-\$95.00	-\$114.00	-\$103.63	-\$103.63	-\$103.64	-\$350.20	\$3,515.00	-\$76.00	-\$21,644.59
	Power Lines			-\$1,299.49	-\$8,579.24	-\$9,390.00												-\$19,268.73
	Royalty payments			-\$9,024.15														-\$9,024.15
	Security		-\$212.65	-\$864.31	-\$8,095.49	-\$5,521.20												-\$14,693.65
	Traffic Management	-\$4,124.02	-\$7,200.00	-\$16,075.72	-\$12,703.25	-\$535.83												-\$40,638.82
	Environmental Monitoring						-\$979.00	-\$76.00		-\$350.00	-\$354.75		-\$1,293.00					-\$3,052.75
Miscellaneous Total		-\$16,411.52	-\$34,573.59	-\$44,065.82	-\$34,486.59	-\$20,811.61	-\$1,050.42	-\$292.14	-\$274.99	-\$525.48	-\$591.29	-\$765.42	-\$1,486.32	-\$232.99	-\$414.66	\$3,475.44	-\$159.65	-\$152,667.03
Grand Total		\$251,339.41	\$2,732,294.67	\$5,163,524.56	\$2,694,054.62	\$1,477,208.68	\$398,150.65	\$421,121.09	\$980,491.33	\$507,622.40	\$545,072.38	\$206,758.20	\$437,615.27	\$358,606.35	\$205,926.81	\$145,090.22	\$144,700.05	\$16,669,576.68