Gravity Survey Production Report

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PROJECT	**P2021138**
CLIENT	**NORFOLK METALS**
PROJECT AREA	**EL20-2020**
SUPERVISOR	LM
OPERATORS	GB BG
SURVEY SIZE	1317
VEHICLES	Rental

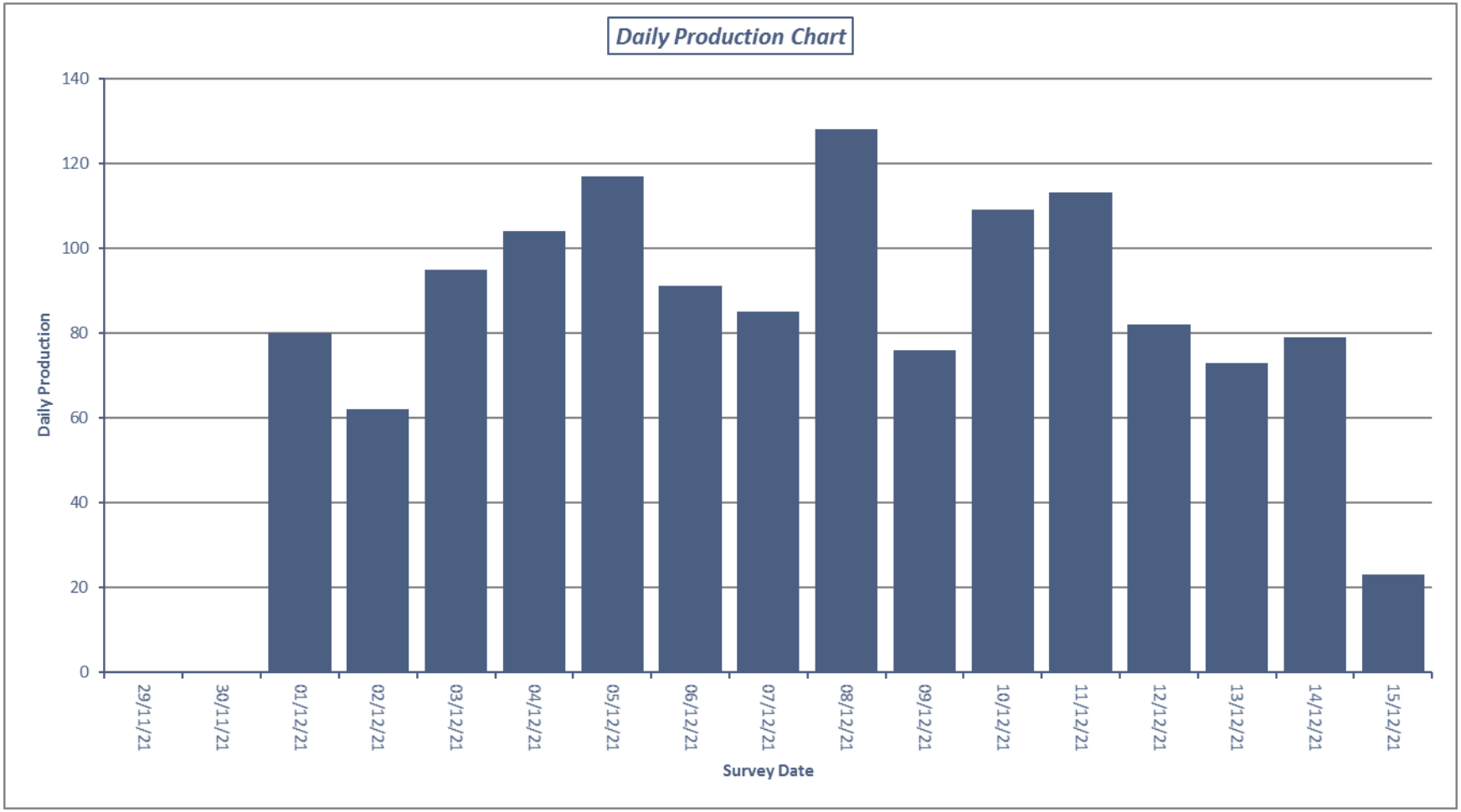
ATLAS GEOPHYSICS

Production Table

DATE	MOB STANDBY %	SURVEY %	21020321 FIELD	21020321 REPEAT	21020321 %REPEAT	FIELD TOTAL	REPEAT TOTAL	SURVEY TOTAL	SURVEY REMAIN	SURVEY REPEAT	SURVEY %REPEAT	SURVEY % COMPLETE
29/11/2021	100%	0%	0	0	0.00%	0	0	0	1317	0	0.00%	0.00%
30/11/2021	100%	0%	0	0	0.00%	0	0	0	1317	0	0.00%	0.00%
01/12/2021	0%	100%	80	2	2.50%	80	2	80	1237	2	2.50%	6.07%
02/12/2021	0%	100%	62	2	3.23%	62	2	142	1175	4	2.82%	10.78%
03/12/2021	0%	100%	95	3	3.16%	95	3	237	1080	7	2.95%	18.00%
04/12/2021	0%	100%	104	2	1.92%	104	2	341	976	9	2.64%	25.89%
05/12/2021	0%	100%	117	4	3.42%	117	4	458	859	13	2.84%	34.78%
06/12/2021	0%	100%	91	3	3.30%	91	3	549	768	16	2.91%	41.69%
07/12/2021	0%	100%	85	4	4.71%	85	4	634	683	20	3.15%	48.14%
08/12/2021	0%	100%	128	3	2.34%	128	3	762	555	23	3.02%	57.86%
09/12/2021	0%	100%	76	3	3.95%	76	3	838	479	26	3.10%	63.63%
10/12/2021	0%	100%	109	4	3.67%	109	4	947	370	30	3.17%	71.91%
11/12/2021	0%	100%	113	3	2.65%	113	3	1060	257	33	3.11%	80.49%
12/12/2021	0%	100%	82	2	2.44%	82	2	1142	175	35	3.06%	86.71%
13/12/2021	0%	100%	73	2	2.74%	73	2	1215	102	37	3.05%	92.26%
14/12/2021	0%	100%	79	1	1.27%	79	1	1294	23	38	2.94%	98.25%
15/12/2021	70%	30%	23	2	8.70%	23	2	1317	0	40	3.04%	100.00%

Supervisor Comments:

DATE	COMMENT
29/11/2021	MOB Mobilised From Perth to Hobart.
30/11/2021	MOB Mobilised From Hobart to Smithton. Setup base station. Performed a gravity tie.
01/12/2021	Crew surveyed the north side of the grid. Terrain was chest height spikey bush and plantation forest in the morning with steep hikes, opening up a bit in the afternoon. Lots of fence line crossings. Some creek crossings. Good weather all day.
02/12/2021	Working in north and south areas. Terrain was dense forest with swamps, steep elevation climbs. Many electric fence lines. Spotted a snake. Plantation forest with tall spike bush. A bit of rain in late afternoon.
03/12/2021	Continued surveying in the south side of the grid. Terrain was plantations, forests, farm and rough native forest. Many creeks to cross, steep valleys. Good weather.
04/12/2021	Continued in the south side of the grid. Terrain was head height, prickly bushes in the morning. Weather was heavy rain and drizzle all morning. Afternoon was great weather.
05/12/2021	Continued surveying the south west area. Terrain was mostly on open farmland, a bit of dense bush. Some paddocks were difficult to traverse, tall grass and holes in ground. Some swamps and creeks. Good cloudy weather all day. A bit windy by the afternoon.
06/12/2021	Crew surveyed the southern end of the grid. Terrain was steep climbs and descents. Forest all day. Slippery ground. Creeks and lots of fence lines to cross.
07/12/2021	Finished surveying the far south side of the grid. Terrain was forest all day, very steep climbs. Very thick bush. Rainy morning, rest of the day was good weather.
08/12/2021	Continued surveying around the middle of the grid. Somewhat difficult to walk through the paddocks, holes/ditches from cows everywhere. Tall grass and soft ground. Some creeks too wide to cross. Good weather all day.
09/12/2021	Terrain was very, very steep ups and downs. Very thick bush. Slippery terrain. Rivers to cross.
10/12/2021	Good day with good weather. Did the extra stations along the public road north east of the grid. Terrain was roads and farmlands.
11/12/2021	Terrain was some forest, but mostly paddocks. Lots of fence lines and creeks. Up and down hills all day. Good weather.
12/12/2021	Terrain was tough, forest, tall and prickly bushes, very steep down and uphill. Thick forest. Good weather.
13/12/2021	Terrain was dangerously steep, took precautions all day to avoid problem areas. Slippery terrain after a little rain. River and creek crossings.
14/12/2021	Not too much elevation change today. Lots of tall prickle bush in the plantation forest. Good weather all day.
15/12/2021	DEMOB Picked up some missing stations. Demobilised from Smithton.


Daily Production Chart
140
120
100
80
60
40
20
0
Daily Production
29/11/21
30/11/21
01/12/21
02/12/21
03/12/21
04/12/21
05/12/21
06/12/21
07/12/21
08/12/21
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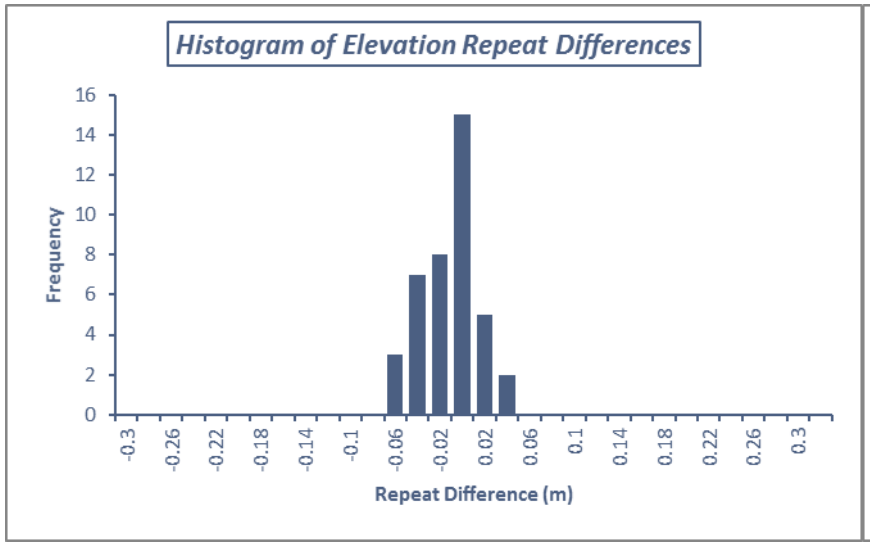
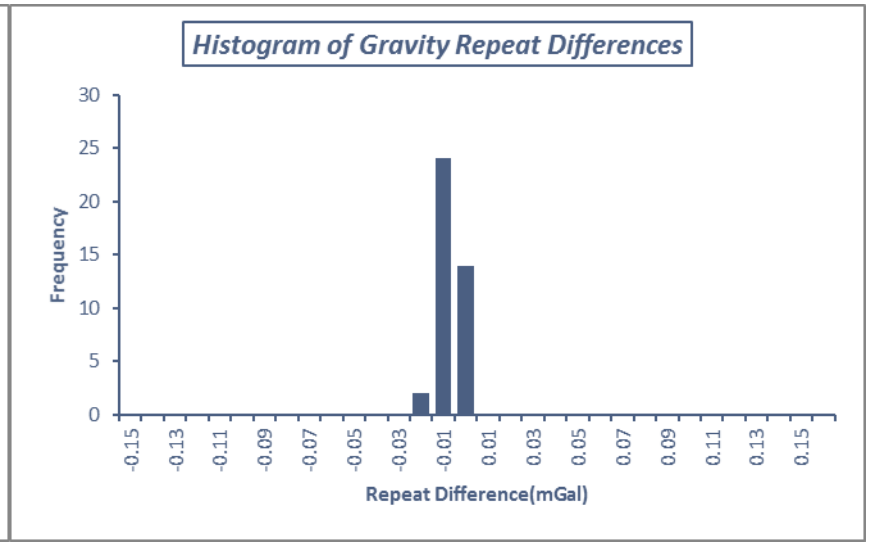
14/12/21
15/12/21
Survey Date





FIELD	MEAN	SD	MINIMUM	MAXIMUM
DIFFEASTM	0.057	0.364	-0.590	1.765
DIFFNORTHM	-0.071	0.398	-1.501	1.257
DIFFHTM	-0.001	0.025	-0.048	0.049
DIFFOBSGMGAL	-0.001	0.005	-0.016	0.010
DIFFOBSGGU	-0.010	0.049	-0.160	0.100