MERIDIAN LAND SURVEYS Ltd

Earthworks ongoing totals
Date Updated :5/12/2008
Updated By : S Forbes

QUANTITIES BASED ON MEASURE UP TO 29/11/2008

Excavation/Cut
Northbound

Location	Cut	Total to date	Rock	% Complete	Remainder	Stockpiled onsite	U/S offsite	Comments
100 - 1440N/B	1128	1988	0	176	-860	0	1988	Over excavation due to temp widening
1440 - 2400N/B	249	0	0	0	249	0	0	
2400 - 3350N/B	7658	0	0	0	7658	0	0	
3350 - 3700N/B	585	0	0	0	585	0	0	
3700 - 4250N/B	334	0	0	0	334	0	0	
4250 - 4750N/B	412	0	0	0	412	0	0	
4750 - 5700N/B	242	0	0	0	242	0	0	
5700 - 6350N/B	0	0	0	0	0	0	0	
6350 - 6650N/B	13	0	0	0	13	0	0	
6650 - 7200N/B	236	0	0	0	236	0	0	
7200 - 7600N/B	12194	432	0	4	11762	0	432	
7600 - 8600N/B	6033	0	0	0	6033	0	0	
Muirdrum N/B	4853	0	0	0	4853	0	0	
Cookston Rd	600	0	0	0	600	0	0	
Cookston N/B	306	0	0	0	306	0	0	
Dunnottar Rd	0	0	0	0	0	0	0	
Emergency lane	13452	789	0	6	12663	0	789	
Dunnottar	4	0	0	0	4	0	0	
Touchs 1	5312	0	0	0	5312	0	0	
Touchs2	1983	0	0	0	1983	0	0	
Westfield Rd	1790	0	0	0	1790	0	0	
Temp works	963	0	0	0	963	0	0	
Totals	58347	3209	0	5	55138	0	3209	

Fill
Northbound

Location	Total Fill Reqd.	Fill	Planings	Imported Stone	Imported Planings	Total to date	% Complete	Remainder	Comments
100 - 1440N/B	6457	2456	0	0	0	2456	38	4001	
1440 - 2400N/B	6678	1580	0	0	0	1580	24	5098	
2400 - 3350N/B	10100	0	0	0	0	0	0	10100	
3350 - 3700N/B	15423	14377	0	0	0	14377	93	1046	
3700 - 4250N/B	1037	0	0	0	0	0	0	1037	
4250 - 4750N/B	2162	0	0	0	0	0	0	2162	
4750 - 5700N/B	1426	0	0	0	0	0	0	1426	
5700 - 6350N/B	7748	5140	0	0	0	5140	66	2608	
6350 - 6650N/B	440	0	0	0	0	0	0	440	
6650 - 7200N/B	1914	0	0	0	0	0	0	1914	
7200 - 7600N/B	18	0	0	0	0	0	0	18	Soil nailed areas
7600 - 8600N/B	145	0	0	0	0	0	0	145	
Muirdrum N/B	2381	0	0	0	0	0	0	2381	
Cookston Rd	6665	0	0	0	0	0	0	6665	
Cookston N/B	54	0	0	0	0	0	0	54	
Dunnottar Rd	34	0	0	0	0	0	0	34	
Emergency lane	661	0	0	0	0	0	0	661	
Dunnottar	1073	0	0	0	0	0	0	1073	
Touchs 1	0	0	0	0	0	0	0	0	
Touchs2	0	0	0	0	0	0	0	0	
Westfield Rd	0	0	0	0	0	0	0	0	
Temp works	372	0	0	0	0	0	0	372	
Totals	64788	23553	0	0	0	23553	36	41235	

Southbound

Location	Cut	Total to date	Rock	% Complete	Remainder	Stockpiled onsite	U/S offsite	Comments
100 - 1440S/B	1418	1157	0	82	261	0	757	321 placed as verge fill
1440 - 2400S/B	1541	0	0	0	1541	0		
2400 - 3350S/B	906	1305	0	100	-399	0	957	
3350 - 3700S/B	551	0	0	0	551	360	0	
3700 - 4250S/B	200	1487	0	100	-1287	844	643	Part Temp works at Islands for traffic
4250 - 4750S/B	2904	2415	0	100	489	364	2051	Including soft spots
4750 - 5700S/B	3731	3370	0	100	361	2738	632	Areas of U/S material
5700 - 6350S/B	2893	2315	0	100	578	199	1650	Large area of U/S material to south of earth wall
6350 - 6650S/B	203	0	0	0	203	0	0	
6650 - 7200S/B	10	88	0	100	-78	0	88	
7200 - 7600S/B	7370	462	0	6	6908	0	462	
7600 - 8600S/B	17246	5445	0	32	11801	649	69	
Earth ret wall 3400	0	0	0	0	0	0	0	
Earth ret wall 6200	0	0	0	0	0	0	0	
Muirdrum rd	37748	23638	0	63	14110	0	3866	with bucket - classification Reqd
Muirdrum slips	1293	0	0	0	1293	0	0	
Cookston S/B	0	0	0	0	0	0	0	
Rowan pond	421	357	0	0	64	0	357	
Mill Inns pond	10071	8752	0	87	1319	0	4264	
Cowie Pond	1860	0	0	0	1860	0	0	
Carron Pond	25509	0	0	0	25509	0	0	
carron Road	4286	0	0	0	4286	0	0	
Mill Inns pond Road	7357	4252	0	58	3105	0	0	
Cowie pond road	89	0	0	0	89	0	0	
P/ton cycle road	710	0	0	0	710	0	0	
Rowan pond Road	19	0	0	0	19	0	0	
Emergency lane	203	175	0	86	28	0	0	
Forfar Road	87	0	0	0	87	0	0	
Temp Works	86	0	0	0	86	0	0	
Totals	128712	55218	0	43	73494	5154	15796	

Southbound

Location	Total Fill Reqd.	Fill Placed	Planings	Imported Stone	Imported Planings	Total to date	% Complete	Remainder	Comments
100 - 1440S/B	2546	321	224	772	0	1317	52	1229	
1440 - 2400S/B	3327	0	0	0	0	0	0	3327	
2400 - 3350S/B	10251	7236	0	0	0	7236	71	3015	
3350 - 3700S/B	859	604	0	0	0	604	70	255	
3700 - 4250S/B	75	0	0	0	0	0	0	75	
4250 - 4750S/B	408	0	0	0	0	0	0	408	
4750 - 5700S/B	8010	6228	0	615	0	6843	85	1167	Stone placed below Power cables
5700 - 6350S/B	3416	2300	0	0	0	2300	67	1116	
6350 - 6650S/B	1789	0	0	0	0	0	0	1789	
6650 - 7200S/B	1423	1185	0	0	0	1185	83	238	
7200 - 7600S/B	297	0	0	0	0	0	0	297	
7600 - 8600S/B	99	0	0	0	0	0	0	99	
Earth ret wall 3400	850	0	0	0	0	0	0	850	
Earth ret wall 6200	3155	0	0	0	0	0	0	3155	
Muirdrum rd	3016	0	0	0	0	0	0	3016	
Muirdrum slips	193	0	0	0	0	0	0	193	
Cookston S/B	0	0	0	0	0	0	0	0	
Rowan	10229	10092	0	0	0	10092	99	137	
Mill Inns	8002	1925	0	1453	0	3378	42	4624	
Cowie Pond	0	0	0	0	0	0	0	0	
Carron Pond	0	0	0	0	0	0	0	0	
carron Road	0	0	0	0	0	0	0	0	
Mill Inns pond Road	0	0	0	0	0	0	0	0	
Cowie pond road	2195	0	0	640	0	640	29	1555	
P/ton cycle road	208	0	0	0	0	0	0	208	
Rowan pond Road	1874	0	0	0	0	0	0	1874	
Emergency lane	20721	3162	0	0	0	3162	15	17559	
Forfar Road	5848	0	0	0	0	0	0	5848	
Temp Works	7144	0	0	0	574	574	8	6570	
Totals	95935	33053	224	3480	574	37331	39	58604	

Centre Reserve

Location	Cut	Total to date	Rock	% Complete	Remainder	Stockpiled onsite	U/S offsite	Comments
100 - 1440	285	228	0	80	0	0	228	
1440 - 2400	1398	1700	0	122	0	1399	301	
2400 - 3350	2292	2618	0	114	0	0	0	additional cut for slab
3350 - 3700	665	810	0	122	0	0	0	
3700 - 4250	1293	1202	0	93	0	1202	0	
4250 - 4750	1360	910	0	67	0	50	0	
4750 - 5700	2365	1508	0	64	0	0	0	
5700 - 6350	2728	3386	0	124	0	0	0	
6350 - 6650	480	1060	0	221	0	0	0	
6650 - 7200	1175	1250	0	106	0	0	0	
7200 - 7600	1207	856	0	71	0	0	856	
7600 - 8600	260	652	0	251	0	0	652	
Temp Works	14804	14804	0	100	0	2562	1396	
Totals	30312	30984	0	102	0	5213	3433	

Centre Reserve

Location	Total Fill Reqd.	Fill Placed	Planings	Imported Stone	Imported Planings	Total to date	% Complete	Remainder	Comments
100 - 1440	0	0	0	0	0	0	0	0	
1440 - 2400	0	0	0	0	0	0	0	0	
2400 - 3350	0	0	0	0	0	0	0	0	
3350 - 3700	0	0	0	0	0	0	0	0	
3700 - 4250	0	0	0	0	0	0	0	0	
4250 - 4750	0	0	0	0	0	0	0	0	
4750 - 5700	0	0	0	0	0	0	0	0	
5700 - 6350	0	0	0	0	0	0	0	0	
6350 - 6650	0	0	0	0	0	0	0	0	
6650 - 7200	0	0	0	0	0	0	0	0	
7200 - 7600	0	0	0	0	0	0	0	0	
7600 - 8600	0	0	0	0	0	0	0	0	
Temp Works	0	0	0	0	0	0	0	0	
Totals	**0**	**0**	0	0	**0**	**0**	**0**	0	
	Stone								

Totals

Location	Cut	Total to date	Rock	% Complete	Remainder	Stockpiled onsite	U/S offsite	Comments
Mainline	217371	89411	0	41	128632	10367	22438	

Totals

Location	Total Fill Reqd.	Fill Placed	Planings	Imported Stone	Imported Planings	Total to date	% Complete	Remainder	
Online	160723	56606	224	3480	0	60310	38	99839	
Online									