

ENGINEERED COST ESTIMATE WORKSHEET SUMMARY

July 2016 ECE Workbook Version 2016.0

Licensee : TOLKO Ind Ltd User: Tolko Industries Ltd Date : Dec.19, 2016
 License # : TFL49
 Cutting Permit # : 991
 Road Permit # : R07602-249
 Road Group : 9
 Road Section Identifier : ECE#1
 Road Name: Onion Road (Gully/Trench)
 Road Section Location: from 0 m to 141 m
 Road Section Length : 141 m.
 Biogeo. Zone : IDF
 Site Factor : Good
 Moisture Factor : Dry - Moist

ROAD GROUP					
1	2	3	4	5	6
0	Skeena-Stikine	Nadina	0	Vanderhoof	0
7	8	9	10	11	12
Peace Fort Nelson	0	Cascades	Rocky Mtn	0	0

Grand Total	\$8,005.55
Cost per km	\$56,777
Cost Base Year	2014

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Construction Phase	Equipment	Total Hours	Phase Cost	Unit Costs	
R/W Handling	Excavator	0.00	\$0.00	\$0.00	per ha
Stumping	Excavator	0.43	\$93.26	\$826.81	per ha
Stripping	Excavator	0.00	\$0.00	\$0.00	per Bm3
Primary Excavation	Excavator	0.01	\$3.06	#DIV/0!	per Bm3
Drilling and Blasting	M32 Tank Drill	0.00	\$0.00	\$0.00	per Bm3
	Materials	N/A	\$0.00	\$0.00	per Bm3
Excavate & Load	Excavator	14.38	\$3,150.05	\$3.54	per Bm3
Hauling*	Articulated off-highway truck	14.38	\$2,321.52	\$2.61	per Bm3
Spreading / Spoil Site	Crawler Tractor	6.39	\$1,170.15	\$1.32	per Bm3
Long Push	Crawler Tractor	0.00	\$0.00	\$0.00	per Bm3
Drainage Structures		N/A	\$1,092.00	\$1,092.00	
Grass Seeding		N/A	\$175.51	\$1,244.78	per km
Surfacing		N/A	\$0.00	\$0.00	per km
Mob and Demob		0.00	\$0.00	\$0.00	per hour
Additional Costs		N/A	\$0.00	\$0.00	

* Hauling controlled by the excavator