



complete before proceeding to upload

WRAPID 3.5 FIELD OBSERVATIONS

clarify your paramater units in italics

General data

Avg. Intact rock density		<i>kg/m³</i>	<i>t/m³</i>	<i>ton/yd³</i>
Mined rock type				
Shift length		hours		
Total shift change + breaks		hours		

Hauler fleet

Hauler payload class		<i>short tons</i>	<i>metric t</i>
Number of units in fleet			
Number of haulers allocated per excavator			
Average hauler age		years	
Refuel volume per hauler		<i>litres</i>	<i>gallons</i>
Time between refuels		hours	
'Field follow' average loaded hauler speed		<i>kph</i>	<i>mph</i>

Excavator fleet

Excavator bucket capacity		<i>m³</i>	<i>yd³</i>
Number of units in fleet			
Average excavator age		years	
per single load pass cycle time		<i>sec</i>	<i>min</i>
Hauler queue wait + spot time		<i>sec</i>	<i>min</i>
Number of load passes per hauler			

Roads / running surfaces

	required	optional	optional	optional	optional	
	Main haul	Pit ramp	Pit floor	2nd haul	Dump	
Road loaded hauler traffic						hauler loads per shift
Required road surface life						years
Maximum rutting depth before grading						<i>mm</i> <i>cm</i> <i>inches</i>
Grading frequency (time between gradings)						hours
Wearing coarse (surface) rock size (d ₅₀)			N/A		N/A	<i>mm</i> <i>cm</i> <i>inches</i>

Field photographs' upload

	Main haul	<i>minimum 3 photo upload for main haul</i>
'Field follow' loaded hauler REAR view	1	
'Field follow' loaded hauler SIDE view	1	
Pre-graded haul road rutted surface	1	use several scattered 12 inch (30 cm) laths on surface for scale

Optional field photographs' upload

	use several scattered 12 inch (30 cm) laths on surface for scale			
	Pit ramp	Pit floor	2nd haul	Dump
Pre-graded rutted running surface	1	1	1	1

Optional road design input

	required if you would like a road design confirmation
	Main haul Pit ramp 2nd haul
Wearing coarse CBR	%
Base material CBR	%
Sub-grade CBR	%