Sheet	Tested Cell	Referenced Cell/Table Range	Passed?	Notes
CMP Rating Calculations	E15	'input-structure info'!C33	Yes	
CMP Rating Calculations	E17	'input-structure info'!C37	Yes	
CMP Rating Calculations	E18	'input-structure info'!C44	Yes	
CMP Rating Calculations	E19	E18	Yes	
CMP Rating Calculations	E21	'input-structure info'!C37	Yes	Same formula as E17
CMP Rating Calculations	C23	'input-structure info'!C30	Yes	
CMP Rating Calculations	D25	C23, E15, E17	Yes	
CMP Rating Calculations	D26	'input-structure info'!C37	Yes	
CMP Rating Calculations	D27	'input-structure info'!C28	Yes	
CMP Rating Calculations	C33	'input-structure info'!D38	Yes	
CMP Rating Calculations	E34	C33, 'Reference tables'!B32:E36	Yes	
CMP Rating Calculations	E35	C33, 'Reference tables'!B32:E36	Yes	
CMP Rating Calculations	E36	C33, 'Reference tables'!B32:E36	Yes	
CMP Rating Calculations	B39	'input-structure info'!D39	Yes	
CMP Rating Calculations	B40	'input-structure info'!D40	Yes	
CMP Rating Calculations	B41	B39, 'input-structure info'!D41	Yes	
CMP Rating Calculations	B42	B39, 'input-structure info'!D42	Yes	
CMP Rating Calculations	B43	B40, 'input-structure info'!D43, 'Reference tables'!A39:B48	Yes	More significant figures in this field than in other fields
CMP Rating Calculations	B44	input-structure info'!C28, 'Reference tables'!B17	Yes	Only one value in the lookup table
CMP Rating Calculations	C53	'input-structure info'!C28	Yes	
CMP Rating Calculations	C54	input-structure info'!C29	Yes	
CMP Rating Calculations	E55	'input-structure info'!C35	Yes	
CMP Rating Calculations	E56	input-structure info'!C28, 'Reference tables'!B2:C6	Yes	
CMP Rating Calculations	E57	input-structure info'!C31, 'input-structure info'!C32	Yes	
CMP Rating Calculations	E58	'input-structure info'!C45	Yes	
CMP Rating Calculations	E60	input-structure info'!C29, 'input-structure info'!C29		Maybe it's a better idea to have formulas point to a value in a reference table rather than having the string literal in the formula.
CMP Rating Calculations	C72	C70,D70,E35,E36,E62,B48	Yes	

Sheet	Tested Cell	Referenced Cell/Table Range	Passed?	Notes
CMP Rating Calculations	F77	E34, B47, E59, E58	Yes	
CMP Rating Calculations	C70	D25	Yes	Cell is not highlighted grey ✓ ok, CG
CMP Rating Calculations	F70	B48, E62, E36, E35	Yes	Cell is not highlighted grey, factor of 1000 in numerator and denominator is unnessesary ✓ ok, CG
CMP Rating Calculations	F78	C23,C72, B47,E59,E58,E19	Yes	Formula if false doesn't match the formula specified in C78
CMP Rating Calculations	F79	E60, C75	Yes	
CMP Rating Calculations	C81	F77, F78, F79	Yes	
CMP Rating Calculations	D84	E61, E57, D25	Yes	
CMP Rating Calculations	D85	E61, E57, D26	Yes	
CMP Rating Calculations	C87	D84, D85	Yes	
CMP Rating Calculations	D97	E57	Yes	
CMP Rating Calculations	D98	D97	Yes	literals embedded in the formula
CMP Rating Calculations	D99	D98	Yes	Do we really need this?
CMP Rating Calculations	B117	None	Yes	Literals in the formula
CMP Rating Calculations	B118	None	Yes	Literals in the formula
CMP Rating Calculations	E123	D97	Yes	Doesn't reference the origional entry for 'H' ✓
CMP Rating Calculations	E124	'input-structure info'!C35	Yes	
CMP Rating Calculations	E125	'input-structure info'!C36	Yes	
CMP Rating Calculations	E126	E125	Yes	Literals in the formula
CMP Rating Calculations	E127	E125	Yes	Literals in the formula
CMP Rating Calculations	C131	$E$123,'MI Trucks'!$C$7:$R$13	Yes	
CMP Rating Calculations	D131	$E$123,'MI Trucks'!$C$7:$R$13	Yes	
CMP Rating Calculations	E131	$E$123,'MI Trucks'!$C$7:$R$13	Yes	
CMP Rating Calculations	C135	$B$117,$E$123	Yes	suspicous formula fill depth + Wheel width?
CMP Rating Calculations	D135	$B$117,$E$123	Yes	suspicous formula fill depth + Wheel width?
CMP Rating Calculations	E135	$B$117,$E$123	Yes	suspicous formula fill depth + Wheel width?
CMP Rating Calculations	B136	B135, B134	Yes	
CMP Rating Calculations	C136	C135,C134	Yes	
CMP Rating Calculations	D136	D135, D134	Yes	

OK, should not include Buckley Strength Reduction Factor CG

Ok, depth multiplied by Soil distribution factor.

Sheet	Tested Cell	Referenced Cell/Table Range	Passed?	Notes
CMP Rating Calculations	E136	E135, E134	Yes	
CMP Rating Calculations	F136	F134, E123	Yes	
CMP Rating Calculations	B137	E126, E127, E123, E127	Yes	
CMP Rating Calculations	C137	E126, E127, E123, E127	Yes	Same formula as B137
CMP Rating Calculations	D137	E126, E127, E123, E127	Yes	Same formula as B137
CMP Rating Calculations	E137	E126, E127, E123, E127	Yes	Same formula as B137
CMP Rating Calculations	F137	E126, E127, E123, E127	Yes	Same formula as B137
CMP Rating Calculations	B134	none	Yes	should this value be in a reference table somewhere or is it always the same?
CMP Rating Calculations	C134	none	Yes	should this value be in a reference table somewhere or is it always the same?
CMP Rating Calculations	D134	none	Yes	should this value be in a reference table somewhere or is it always the same?
CMP Rating Calculations	E134	none	Yes	should this value be in a reference table somewhere or is it always the same?
CMP Rating Calculations	B138	B136, B137	Yes	
CMP Rating Calculations	C138	C136, C137	Yes	
CMP Rating Calculations	D138	D136, D137	Yes	
CMP Rating Calculations	E138	E136, E137	Yes	
CMP Rating Calculations	F138	F136, F137	Yes	
CMP Rating Calculations	B139	B132, B118, E123	Yes	
CMP Rating Calculations	C139	$E$123,'MI Trucks'!$C$7:$R$13	Yes	
CMP Rating Calculations	D139	$E$123,'MI Trucks'!$C$7:$R$13	Yes	
CMP Rating Calculations	E139	$E$123,'MI Trucks'!$C$7:$R$13	Yes	
CMP Rating Calculations	F139	F131, $E$123,'MI Trucks'!C17:R19, 'MI Trucks'!C23:R25, 'MI Trucks'!C29:R31	Yes	
CMP Rating Calculations	B140	B139, B138	Yes	
CMP Rating Calculations	C140	C139, C138	Yes	
CMP Rating Calculations	D140	D139, D138	Yes	
CMP Rating Calculations	E140	E139, E139	Yes	
CMP Rating Calculations	F140	F139, F138	Yes	

OK, Based on lanes & other fixed properties, not truck dependent ✓

Sheet	Tested Cell	Referenced Cell/Table Range	Passed?	Notes
CMP Rating Calculations	B141	B140, D25, D26	Yes	
CMP Rating Calculations	C141	C140, D25, D26	Yes	
CMP Rating Calculations	D141	D140, D25, D26	Yes	
CMP Rating Calculations	E141	E140, D25, D26	Yes	
CMP Rating Calculations	F141	F140, D25, D26	Yes	
CMP Rating Calculations	C154	E56, E57, D153	Yes	
CMP Rating Calculations	B158	C81	Yes	
CMP Rating Calculations	C158	C81	Yes	
CMP Rating Calculations	D158	C81	Yes	
CMP Rating Calculations	E158	C81	Yes	
CMP Rating Calculations	F158	C81	Yes	
CMP Rating Calculations	B159	C87	Yes	
CMP Rating Calculations	C159	C87	Yes	
CMP Rating Calculations	D159	C87	Yes	
CMP Rating Calculations	E159	C87	Yes	
CMP Rating Calculations	F159	C87	Yes	
CMP Rating Calculations	B160	B141	Yes	
CMP Rating Calculations	C160	C141	Yes	
CMP Rating Calculations	D160	D141	Yes	UPDATED!
CMP Rating Calculations	E160	E141	Yes	
CMP Rating Calculations	F160	F141	Yes	
CMP Rating Calculations	B161	B158, B159, B160	Yes	
CMP Rating Calculations	C161	B158, B159, C160	Yes	formula references B159/160 instead of same value for its own unit.
CMP Rating Calculations	D161	B158, B159, D160	Yes	formula references B159/160 instead of same value for its own unit.
CMP Rating Calculations	E161	B158, B159, E160	Yes	formula references B159/160 instead of same value for its own unit.
CMP Rating Calculations	F161	B158, B159, F160	Yes	formula references B159/160 instead of same value for its own unit.
CMP Rating Calculations	B162	C154	Yes	
CMP Rating Calculations	C162	C154	Yes	
CMP Rating Calculations	D162	C154	Yes	

Sheet	Tested Cell	Referenced Cell/Table Range	Passed?	Notes
CMP Rating Calculations	E162	C154	Yes	
CMP Rating Calculations	F162	C154	Yes	
CMP Rating Calculations	B163	B161, B162	Yes	
CMP Rating Calculations	C163	B161, C162	Yes	formula references B161 instead of same value for its own unit
CMP Rating Calculations	D163	B161, D162	Yes	formula references B161 instead of same value for its own unit
CMP Rating Calculations	E163	B161, E162	Yes	formula references B161 instead of same value for its own unit
CMP Rating Calculations	F163	B161, F162	Yes	formula references B161 instead of same value for its own unit
CMP Rating Calculations	B174	B161	Yes	
CMP Rating Calculations	B175	E123, E56	No	Lookup table could return "-" which would cause an error in the formula
CMP Rating Calculations	B176	B174, B175	No	Error could cascade from B175

UPDATED CG