

H77

INTERSTATE COMMERCE COMMISSION  
BUREAU OF VALUATION

B. V. Form No. 563  
Owner **Great Northern Railway Company**  
Operating Company **do**  
Division **Idaho** State **Idaho**  
Valuation Section No. **Idaho 2**  
From **M.P. 0.00** to **M.P. 25.80**  
**25.796** Miles Main Line, **27.336** Miles all Tracks.\*

Date of Inventory as of **June 30**, 19**22**  
Date Compiled **Feb. 16**, 19**22**  
Compiled by **H.A.P.**  
Correct **Louis Hood** Engineer.  
Approved **Louis Hood** Engineer.

**SUMMARY SHEET**  
WHOLLY OWNED AND USED

R. and E. Account Number (1)	CLASSES (2)	ORIGINAL COST TO DATE (3)	COST OF REPRODUCTION (4)		R. and E. Account Number (6)	REMARKS (7)
			New (5)	Less Depreciation (5)		
<b>I. ROAD:</b>						
1	Engineering		46,154	46,154	1	
2	Land for transportation purposes		741,754	740,483	2	
3	Grading				3	
4	Underground power tubes				4	
5	Tunnels and subways		91,654	65,281	5	
6	Bridges, trestles, and cut-overs				6	
7	Elevated structures				7	
8	Ties		33,667	10,662	8	
9	Rails		95,545	84,964	9	
10	Other track material		17,620	10,601	10	
11	Ballast		261	222	11	
12	Track laying and surfacing		32,628	23,492	12	
13	Right-of-way fences		2,754	1,519	13	
14	Snow and sand fences and snowshed				14	
15	Crossings and signs		2,889	2,521	15	
16	Station and office buildings		3,966	3,360	16	
17	Roadway buildings		1,965	1,524	17	
18	Water stations		561	351	18	
19	Fuel stations				19	
20	Shops and engine houses				20	
21	Grain elevators				21	
22	Storage warehouses				22	
23	Wharves and docks				23	
24	Coal and ore wharves				24	
25	Gas-producing plants				25	
26	Telegraph and telephone lines				26	
27	Signals and interlockers				27	
28	Power dams, canals, and pipe lines				28	
29	Power plant buildings				29	
30	Power substation building				30	
31	Power transmission systems				31	
32	Power distribution systems				32	
33	Power line poles and fixtures				33	
34	Underground conduits				34	
35	Miscellaneous structures				35	
36	Paving				36	
37	Roadway machines		49	33	37	
38	Roadway small tools		112	75	38	
39	Assessments for public improvements				39	
40	Revenue and operating expenses during const.				40	
41	Cost of road purchased				41	
42	Reconstruction of road purchased				42	
43	Other expenditures—Road				43	
44	Shop machinery				44	
45	Power plant machinery				45	
46	Power substation apparatus				46	
47	Unapplied construction material and supplies				47	
	Total, 1 to 47, inclusive		1,071,796	991,440		
<b>II. EQUIPMENT:</b>						
51	Steam locomotives				51	
52	Other locomotives				52	
53	Freight-train cars				53	
54	Passenger-train cars				54	
55	Motor equipment of cars				55	
56	Floating equipment				56	
57	Work equipment				57	
58	Miscellaneous equipment				58	
	Total, 51 to 58, inclusive					
<b>III. GENERAL EXPENDITURES:</b>						
71	Organization expenses				71	
72	General officers and clerks				72	
73	Law				73	
74	Stationery and printing				74	
75	Taxes				75	
76	Other expenditures—General				76	
77	Interest during construction				77	
	Total, 71 to 77, inclusive					
	Grand total, 1 to 77, inclusive					
	Grand total—Other					

Revised page prepared by direction of the Commission Jan. 3, 1928.

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INTERSTATE COMMERCE COMMISSION  
BUREAU OF VALUATION

V. Form No. 561

Sheet No. \_\_\_\_\_ of this valuation section.

Great Northern Railway Company

Approved: **C. H. Spencer**

Section No. **Idaho 2**

Miles Main Line, \_\_\_\_\_ Miles all Tracks.\*

CHARACTER OF PROPERTY AND DESCRIPTION. Where but a single percentage is stated it represents both per cents.

ACCT. NO.	TITLE	UNIT	NUMBER OF UNITS	COST OF REPRODUCTION		
				Per Unit	New Total	Less Depreciation
(1)	(2)	(3)	(4)	(5)	(6)	

Acct. No. **5** Title **GRADING** (I. C. C. Classification.)

**M.P. 9,000 to 25,600 - Bonners Ferry to Fort Hill**

All Tracks -

Clearing	100	Acres	298.9	69.00	20,121	20,121
Grubbing	100	"	9.69	511.00	3,014	3,014
Excavation, common	100	Cu. Yd.	599207	0.225	89,822	89,822
" " hard pan	100	"	780360	0.39	304,340	304,340
" " loose rock	100	"	22824	0.43	9,819	9,819
" " solid "	100	"	185039	1.02	188,740	188,740
Embankment Borrow, common	100	"	96619	0.225	21,739	21,739
" " hard pan	100	"	18714	0.39	7,298	7,298
" " loose rock	100	"	2206	0.43	949	949
" " solid rock	100	"	2741	1.02	2,796	2,796
Team Overhaul, 500' free haul	100	Cu. Yd. Sta.	1617400	0.0125	20,218	20,218
Train Haul	100	Cu. Yd.	106899		25,127	25,127

Protection of Roadway -

Riprap, loose	100	Cu. Yd.	36115	1.00	36,115	36,115
" hand laid	100	"	5614	2.00	11,228	10,105
Sundry Items	54				458	290

Total for Valuation Section

741,764 740,495

Account 6 - BRIDGES, TRUSTLES AND CULVERTS

Steel and Combination Bridges -

Bridge 1, single track, length 599'; built 1907 (est.)  
Substructure: Five pile and frame piers

Timber	70	M. B. M.	147,700	30.50	4,505	3,154
Iron	70	Lb.	18540	0.04	514	560
Piling	70	Lin. Ft.	8760	0.47	4,113	2,879
Riprap (loose)	70	Cu. Yd.	2724	1.00	2,724	1,907
Superstructure: One steel thru truss span - 180' long;	80	Lb.	231910	0.049	11,364	9,318
three Howe truss spans 1/100 and 2/150' long	80	M. B. M.	249,800	71.50	17,789	14,231
Timber (S-4-S) (Painted)	80	Lb.	189830	0.032	6,059	4,847
Iron	70				420	294

Sundry Items

Total

Total Steel and Combination Bridges

75 47,488 36,990  
78 47,488 36,990

Pile and Frame Trestles

13 Timber Trestles, total length - 3511'

Piling	72	Lin. Ft.	22670	0.47	10,655	
Stringers	72	M. B. M.	321,500	38.30	12,270	
Other Timber	72	"	387,700	30.50	10,800	
Iron	72	Lb.	58405	0.04	2,216	
Galv. Iron	72	"	2517	0.05	106	
Sundry Items	72				187	

Total Pile and Frame Trestles

72 35,704 25,707

Pipe and Timber Culverts

10 Wood Box Culverts - Untreated Fir

25 Log Culverts

Iron

Common Excavation

Hard Pan "

Sundry Items

Total Pipe and Timber Culverts

Total for Valuation Section

40	M. B. M.	3,700	56.75	135	54
30	Lin. Ft.	25673	0.16	6,548	1,904
30	Cu. Yd.	152.62	5.00	763	229
30	"	1405	0.50	702	211
30	"	570	0.75	428	128
53				65	52

80

71

8,462 2,564

91,654 65,281

Revised page prepared by direction of the Commission Jan. 3, 1928.

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E. V. Form No. 561

INTERSTATE COMMERCE COMMISSION  
BUREAU OF VALUATION

Sheet No. \_\_\_\_\_ of this valuation section.

Owner Great Northern Railway Company

Approved: Louis Hood

Val. Section No. Idaho - 2 Miles Main Line \_\_\_\_\_ Miles all Tracks <sup>6</sup> \_\_\_\_\_

12-000

LOCATION Where but a single percentage is stated it represents both per cents.

(1)	CHARACTER OF PROPERTY AND DESCRIPTION.	Condition Per Cent.	Per Cent of Cost of New.	UNIT.	NUMBER OF UNITS.	COST OF REPRODUCTION.		
						Per Unit.	New, Total.	Less Depreciation.
(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
Acct. No. <u>5</u>	Title <u>TIES</u>							
	(I. C. C. class/Section.)							
<b>Main Tracks:</b>								
	Gross ties triangle fir treated (B)	32		Each	52	.54	28	9
	" " " " " (G)	32		"	123	.69	85	27
	" " 7x3 sawfir tamarack	32		"	6598	.46	2,943	942
	" " #1 fir tamarack	32		"	29471	.47	13,851	4,432
	" " #2 " "	32		"	52401	.57	11,988	3,824
	Bridge ties fir treated	32		M.B.W.	102,152	17.44	1,732	570
	" " " "	32		"	74,820	13.40	1,003	321
	Switch ties fir treated	32		"	87,845	17.19	651	247
	<b>Total Main Track</b>				<b>52</b>		<b>32,331</b>	<b>10,364</b>
<b>Yard Tracks and Sidings:</b>								
	Gross ties triangle fir treated (B)	35	55	Each	51	.54	28	10
	" " " " " (G)	35	55	"	5	.69	4	1
	" " 7x3 saw fir tamarack	35	50	"	43	.46	20	6
	" " 8x3 " " "	35	50	"	202	.41	83	25
	" " #1 fir tamarack	35	50	"	128	.47	60	18
	" " #2 " " "	35	50	"	2790	.57	1,032	310
	Bridge ties fir	35		M.B.W.	23,090	13.40	302	102
	<b>Total Yard Tracks and sidings</b>				<b>51</b>		<b>1,536</b>	<b>478</b>
	<b>Total for Valuation Section</b>				<b>52</b>		<b>33,867</b>	<b>10,842</b>

Account 9 - RAILS

Approved: C. H. Spencer

Main Track - 25,795 Miles -

New 90# Open Hearth Rail, 1908 - 0.025 Track Miles	80	94	Gr. Ton	3,214	37.40	120	115
" 80# Bessemer " 1899 - 25,645 " "	47	89	"	2417,750	37.40	90,434	80,477
Relay 60# " " 1892 - 0.129 " "	84	90	"	12,802	30.50	421	379
<b>Total Main Track</b>						<b>90,955</b>	<b>80,971</b>

Yard Tracks and Sidings - 1,541 Miles

New 90# Open Hearth Rail, 1908 - 0.016 Track Miles	91	94	Gr. Ton	2,315	37.40	87	82
" 80# Bessemer " 1899 - 0.438 " "	79	85	"	41,264	37.40	1,543	1,312
Relay 60# " " 1892 - 0.475 " "	84	90	"	50,737	30.50	1,547	1,392
" 80#-16# " " 1899 - 0.552 " "	77	85	"	45,990	30.50	1,405	1,207
<b>Total Yard Tracks and Sidings</b>						<b>4,580</b>	<b>3,995</b>
<b>Total for Valuation Section</b>						<b>95,535</b>	<b>84,966</b>

Account 10 - OTHER TRACK MATERIAL

Approved: C. H. Spencer

Main Tracks

New 90# Wolhaupter Joints 1908	80	94	Joint	8	2.05	16	15
" 80# Angle Bars, 1899	47	79	Owt.	2785.71	2.35	6,405	5,033
Relay 60# " " 1892	84	88	"	25.87	1.55	42	37
Spikes 9/16" x 5-1/2" - 5/8" x 5"	52		"	1757.85	2.35	4,201	1,344
Bolts 5/4" x 3-3/4" x 7/8" x 4-1/2"	47	55	"	353.22	2.65	1,007	559
Tie Plates 5" x 8" - 6" x 8"	47	53	"	761.42	2.25	1,713	987
Spread Rods	47	57	"	232.28	2.45	564	251
Rail Braces	47	53	"	135.72	3.80	512	315
Spring Frogs 90# - #11 - 16.5	80	55	Each	2	75.60	151	84
Rigid " 60#	50	55	"	2		79	45

Revised page prepared by direction of the Commission Jan. 3, 1923.

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INTERSTATE COMMERCE COMMISSION  
BUREAU OF VALUATION

B. V. Form No. 561

Owner **Great Northern Railway Company**

Sheet No. \_\_\_\_\_ of this valuation section.

Val. Section No. **Idaho 2** Miles Main Line, \_\_\_\_\_ Miles all Tracks.\*

Approved: **O. H. Spencer**

LOCATION. \_\_\_\_\_ Where but a single percentage is stated it represents both per cents.  
CHARACTER OF PROPERTY AND DESCRIPTION.

Acct. No. **10** Title **OTHER TRACK MATERIAL (Continued)**  
(I. C. C. classification.)

Main Track (Cont'd)

CHARACTER OF PROPERTY AND DESCRIPTION.	Condition Per Cent	Per Cent of Cost New	UNIT.	NUMBER OF UNITS.	Per Unit.	COST OF REPRODUCTION.	
						New, Total	Less Depreciation.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Rigid Frogs 60¢	50	55	Each	10		562	198
Split Switches, 50¢	50	55	"	4		251	140
" " 60¢ - 15'	50	55	"	10	54.25	542.50	300
Switch Stands, High	50	55	"	14	15.10	165	100
Guard Rails	50	55	Cwt.	117.87	4.70	554	453
Sundry Items	55	60				19	18
<b>Total Main Track</b>		<b>60</b>				<b>16,701</b>	<b>9,951</b>

Yard Tracks and Sidings:

New 90¢ Welhaupter Joints, 1908	91	88	Joint	6	2.08	12	11
" 60¢ Angle Bars, 1899	79	85	Cwt.	85.86	2.35	202	168
Relay 50¢ " " 1892	84	88	"	105.58	1.65	174	155
" 50¢ " " 1889	76	84	"	38.20	1.65	63	55
Spikes, 9/16" x 5-1/2" - 5/8" x 5"	35		"	109.27	2.88	257	90
Bolts, 1/2" x 2" - 3/4" x 3-3/4"	80	85	"	25.88	2.65	74	61
Tie Plates, 5" x 8" - 6" x 8"	79	85	"	80.56	2.25	89	87
Sundry Items	79	85				55	55
<b>Total Yard Tracks and Sidings</b>		<b>71</b>				<b>919</b>	<b>650</b>
<b>Total for Valuation Section</b>		<b>60</b>				<b>17,620</b>	<b>10,601</b>

Account 11 - BALLAST

Main Tracks:

Gravel Ballast from Dover, average haul 38.0 miles	85		Qu.Yd.	222	.47	151	128
<b>Total Main Track</b>	<b>85</b>					<b>151</b>	<b>128</b>

Yard Tracks and Sidings:

Gravel Ballast from Dover, average haul 38.0 Miles	85		Qu.Yd.	235	.47	110	94
<b>Total Yard Tracks and Sidings</b>	<b>85</b>					<b>110</b>	<b>94</b>
<b>Total for Valuation Section</b>	<b>85</b>					<b>261</b>	<b>222</b>

Account 12 - TRACKLAYING AND SURFACING

Main Tracks:

Tracklaying and Initial Surfacing 90¢ to 61¢ Rail	Mile	0.152	1050.00	160
Tracklaying and Initial Surfacing 60¢ Rail	"	25.645	1000.00	25,645
Extra for Full Earth Surface 2681 ties per mile	"	24.945	100.00	2,495
Placing Gravel Ballast	Qu.Yd.	222	.25	61

Yard Tracks and Sidings

Tracklaying and Initial Surfacing 90¢ to 61¢ Rail,	Mile	0.491	850.00	417
Tracklaying and Initial Surfacing 60¢ to 56¢ Rail	"	1.050	800.00	840
Placing Gravel Ballast	Qu.Yd.	235	.25	60

Revised page prepared by direction of the Commission Jan. 3, 1928.

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INTERSTATE COMMERCE COMMISSION  
BUREAU OF VALUATION

E. V. Form No. 561

Owner Great Northern Railway Company

Sheet No. \_\_\_\_\_ of this valuation section.

Val. Section No. Idaho 2 Miles Main Line, \_\_\_\_\_ Miles all Tracks.\*

Approved: G. H. Spencer

12-1940

LOCATION: \_\_\_\_\_

CHARACTER OF PROPERTY AND DESCRIPTION: \_\_\_\_\_

Where but a single percentage is stated it represents both per cents.

Arct. No.	Title	Condition Per Cent.	Per Cent of Cost New.	UNIT	NUMBER OF UNITS.	COST OF REPRODUCTION.		
						Per Unit.	New, Total.	Less Depreciation.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)

Arct. No. 12 Title TRACKLAYING AND SURFACING (Continued)  
(L. C. C. classification.)

All Tracks:

Placing turnouts 90° to 61½, with stands	Each	4	\$5.00	140	
Placing turnouts 60° with stands	"	10	\$2.50	250	
Placing Tie Plates	"	19176	0.0135	259	
Placing and Framing Bridge Ties	M.B.M.	200,082	10.50	2,101	
Sundry Items				109	
<b>Total for Valuation Section</b>		<b>72</b>		<b>\$2,628</b>	<b>\$23,492</b>

Account 13 - RIGHT-OF-WAY FENCES

All Tracks - 11.157 Miles Fence

Posts	55	Each	2943	0.25	986	542
Barbed Wire	55	Cwt.	146.56	2.95	432	236
Lumber	55	M.B.M.	2,082	19.65	41	23
Wire Stays	55	Each	2750	0.05	112	62
Labor Setting Posts	55	"	2943	0.19	749	412
" Stringing Barbed Wire - posts spaced over 12'	55	Wire Mile	37.675	4.75	179	98
Wood Gates	55	Each	9	3.00	27	15
Surface Cattle guards	55	"	8	11.75	94	52
Sundry Items	55				134	77
<b>Total for Valuation Section</b>		<b>55</b>			<b>2,754</b>	<b>1,519</b>

Account 15 - CROSSINGS AND SIGNS

Overgrade Crossings

Overgrade Crossing Sta. 1355-19, Mile 26,  
16' wide, 106' long, five span frame trestle;  
built 1909.

Timber	80	M.B.M.	20,100	25.80	519	415
Iron	80	Lb.	450	0.04	18	14
Excavation - common	80	Cu. Yd.	90	0.50	45	26
<b>Total</b>	<b>80</b>				<b>582</b>	<b>455</b>

Overgrade Crossing, Sta. 455-72, Mile 2  
16 ft. wide, 94' long, five spans, frame trestle,  
built 1911

Timber	85	M.B.M.	22,300	25.80	575	489
Iron	85	Lb.	600	0.04	24	20
Excavation - common	85		65	0.50	32	37
<b>Total</b>	<b>85</b>				<b>642</b>	<b>546</b>

**Total Overgrade Crossings** 85 1,224 1,011

16 Grade Crossings

Common Rebarment Borrow  
" Excavation  
Hard Pan "  
Planking Fir - untreated  
Sundry Items

Common Rebarment Borrow	100	Cu. Yd.	3150	0.225	709	709
" Excavation	100	"	1024	0.225	230	230
Hard Pan "	100	"	820	0.59	320	320
Planking Fir - untreated	40	M.B.M.	6,755	21.75	147	59
Sundry Items	86				120	119
<b>Total Grade Crossings</b>	<b>95</b>				<b>1,544</b>	<b>1,437</b>

Signs

97 Mile Markers and Other Signs

97 Mile Markers and Other Signs	60	Each	97		121	75
<b>Total Signs</b>	<b>60</b>				<b>121</b>	<b>75</b>
<b>Total for Valuation Section</b>	<b>67</b>				<b>2,869</b>	<b>2,521</b>

Revised page prepared by direction  
of the Commission Jan. 3, 1928.

BVT

I. V. Form No. 361

INTERSTATE COMMERCE COMMISSION  
BUREAU OF VALUATION

Sheet No. \_\_\_\_\_ of this valuation section.

Owner Great Northern Railway Company

Approved: J. A. Calvin

Val. Section No. Idaho 3 Miles Main Line, \_\_\_\_\_ Miles all Tracks.\*

LOCATION.	CHARACTER OF PROPERTY AND DESCRIPTION.	Condition Per Cent.	Per Cent Cost Here.	UNIT.	NUMBER OF UNITS.	COST OF REPRODUCTION.		
						Per Unit. (4)	New, Total. (5)	Less Depreciation. (6)
Acct. No. <u>16</u> Title <u>STATION AND OFFICE BUILDINGS</u> (I. C. C. classification.)								
<u>Copeland, Mile 17.0</u>								
Depot	One story, 16' x 16'; frame; built 1903	75		Each	1		156	117
	Platform; 272 sq. ft.; frame	75		"	1		31	23
	Platform; 124 sq. ft.; cinder	75		"	1		11	8
	Total Copeland		75				198	148
<u>Mile 23.0</u>								
Depot	One story, 12' x 16'; frame; built 1907	80		Each	1		172	128
	Total Mile 23.0		80				172	128
<u>Port Hill, Mile 27.0</u>								
Passenger and Freight Depot	One story, 24' x 48'; frame; built 1903	76		Each	1		1,530	1,163
	Furniture	76					199	151
	Platform; 1699 sq. ft.; frame	76		"	1		196	149
	Grading; 2732 cu. yds. common; 1677 cu. yds. hard pan; 72 cu. yds. solid rock	100					1,445	1,445
	Sundry items	76					244	185
	Total		86				3,615	3,094
	Total Port Hill		88				3,615	3,094
	Total for Valuation Section		85				3,965	3,580

Account 17 - ROADWAY BUILDINGS

Mile 1.0

Tool House	7' x 7'; frame; built 1905	70		Each	1		52	36
	Total Mile 1.0		70				52	36

Copeland, Mile 17.0

Section House	One and one-half story, 16' x 32'; with porch, 5' x 15'; and lean-to, 14' x 15'; frame; built 1905	80		Each	1		1,539	1,063
Tool House	13' x 21'; frame; built 1900	60		"	1		138	83
	Sundry items						48	34
	Total Copeland		77				1,515	1,170

Port Hill, Mile 27.0

Carbodies	8' x 28'; built 1910	80		Each	2		398	318
	Total Port Hill		80				398	318
	Total for Valuation Section		78				1,965	1,824

Revised page prepared by direction of the Commission Jan. 8, 1928.

HVT

B. V. Form No. 561

INTERSTATE COMMERCE COMMISSION  
BUREAU OF VALUATION

Owner Great Northern Railway Company

Sheet No. \_\_\_\_\_ of this valuation section.

Val. Section No. Idaho 2 Miles Main Line, \_\_\_\_\_ Miles all Tracks.\*

Approved: F. T. Oakley  
Senior Structural Engineer.

LOCATION. (4) CHARACTER OF PROPERTY AND DESCRIPTION. (1) Where but a single percentage is stated it represents both per cents. (2) Condition Per Cent. (3) Per Cent At Cost New. (4) UNIT. (5) NUMBER OF UNITS. (6) COST OF REPRODUCTION. (7) Per Unit. (8) New, Total. (9) Less Depreciation.

Acct. No. 18 Title WATER STATIONS  
(I. C. C. classification.)

Mile 10.0

Tank

15' diam. x 9' high; wood tub on 8' wood tower;  
wood foundations; built 1903

60	Each	1		<u>551</u>	<u>331</u>
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Total Mile 10.0	60			551	331
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Total for Valuation Section	60			551	331
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Account 37 - ROADWAY MACHINES

Approved: C. H. Kessler

Hand Cars:

8 men capacity

70	70	Each	1	28.21	<u>28</u>	<u>20</u>
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Push Cars:

5000# capacity

60	60	"	1	21.09	<u>21</u>	<u>12</u>
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Total for Valuation Section	67				49	32
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Account 38 - ROADWAY SMALL TOOLS

Section Sets

65	Set	5	37.45	<u>112</u>	<u>73</u>
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Total for Valuation Section				112	73
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