

MEMORANDUM

007258

TO: Kresho Galovich

cc. Ion Vintila  
Lee Pigage

FROM: Gregg Jilson

DATE: 1988 08 19

RE: VANGORDA PIT RESERVES FOR NEW MODEL

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Enclosed you will find the mine reserves by bench for the final pit design (with benches and berms) at Vangorda from both the old 4.5 m bench model and the new 6 m bench model. No adjustments for dilution have been made.

You will note that both the volume and density of the ore have increased giving a large increase in tonnage. The density increase is largely due to the fact that the previous practice of reducing SG data to account for porosity has been discontinued in accord with current practice at Faro. Part of the volume increase is due to including an overburden/bedrock interface that is systematically higher than that used previously. The distribution and shape of the ore in this model should be vastly improved over the previous one thus any remaining volume increase should be fully justified.

A revision to this model will be made after the field season concludes. We anticipate that this revision will not take as long as the last model since only part of the deposit has been re-drilled and the sections are simpler, assays are being done faster and drill data is being entered in the field now.

The results of this revision in the southeast part of the deposit are expected to show that there is less ore but it is higher grade. This is due to diamond drilling indicating the actual thickness of thin ore bands previously spread out over fixed footage rotary drilled intervals. The distribution of ore will be improved due to better geologic control possible with core rather than chips.

The pit envelope will probably require re-design in two areas:

- 1) in the north part of the southeast end of the pit where the ore has been traced beyond the pit limit.
- 2.) along the southwest limit where the geometry of thin, folded high grade bands is now better known.

Rather than immediately launching into a detailed re-scheduling of the reserves you may prefer to wait for this revised model. We hope to have something for you in late October or November. This will be the last model for Vangorda as all required re-drilling has been done this summer.

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The model has been delivered to Faro on a Bernoulli cartridge if you do decide to use it.

Note that this model, like the previous model, uses geologically defined intervals rather than bench defined intervals for the compositing of assays prior to grade interpolation. The procedure used for the first version of the new Faro model follows a very similar procedure thus we should soon have some verification of the calculation method.

If you have any question about the model please do not hesitate to contact me or Lee Pigage.

Gregg Jilson,  
Vice President, Exploration

/cm

## ION VINTILA'S FINAL PIT DESIGN

August 19, 1988

## 8607 MODEL

Grade	Volume	Density (tn/bcm)	Tonnes	Pb+Zn ( % )	Pb ( % )	Zn ( % )	Ag (g/t)	Au (g/t)	Tonnes Pb	Tonnes Zn	kg Ag	kg Au
+4%	1,536,510	3.67	5,640,180	9.36	4.08	5.28	57.6	0.68	229,921	297,827	325,093	3,829
4-5%	168,280	3.15	530,040	4.48	1.99	2.49	29.0	0.63	10,542	13,193	15,362	334
+5%	1,368,230	3.74	5,110,140	9.86	4.29	5.57	60.6	0.68	219,378	284,635	309,731	3,495

## 8803 MODEL

Grade	Volume	Density (tn/bcm)	Tonnes	Pb+Zn ( % )	Pb ( % )	Zn ( % )	Ag (g/t)	Au (g/t)	Tonnes Pb	Tonnes Zn	kg Ag	kg Au
+4%	1,629,710	3.92	6,387,740	9.15	4.01	5.15	56.7	0.75	255,953	328,708	362,133	4,819
4-5%	148,060	3.20	474,420	4.48	1.96	2.52	26.7	0.57	9,308	11,932	12,680	272
+5%	1,481,650	3.99	5,913,320	9.53	4.17	5.36	59.1	0.77	246,645	316,777	349,454	4,547

## Difference ( 8803 - 8607 )

+4%	93200	0.25	747560	-0.20	-0.07	-0.13	-0.9	0.08	26,032	30,881	37,041	990
4-5%	-20220	0.05	-55620	-0.00	-0.03	0.03	-2.3	-0.06	(1,234)	(1,261)	(2,682)	(62)
+5%	113420	0.26	803180	-0.33	-0.12	-0.21	-1.5	0.08	27,266	32,142	39,723	1,052

## % Difference ( 8803 - 8607 ) / 8607

+4%	6.1%	6.8%	13.3%	-2.2%	-1.7%	-2.5%	-1.6%	11.1%	11.3%	10.4%	11.4%	25.9%
4-5%	-12.0%	1.7%	-10.5%	-0.0%	-1.4%	1.0%	-7.8%	-9.0%	-11.7%	-9.6%	-17.5%	-18.6%
+5%	8.3%	6.9%	15.7%	-3.4%	-2.8%	-3.8%	-2.5%	12.4%	12.4%	11.3%	12.8%	30.1%



39	1038.50	1034.00	.00	.000	.00	.000	.000	.000	.000	.000	.000	.00
40	1034.00	1029.50	.00	.000	.00	.000	.000	.000	.000	.000	.000	.00
41	1029.50	1025.00	.00	.000	.00	.000	.000	.000	.000	.000	.000	.00
42	1025.00	1020.50	.00	.000	.00	.000	.000	.000	.000	.000	.000	.00
43	1020.50	1016.00	.00	.000	.00	.000	.000	.000	.000	.000	.000	.00
44	1016.00	1011.50	.00	.000	.00	.000	.000	.000	.000	.000	.000	.00
45	1011.50	1007.00	.00	.000	.00	.000	.000	.000	.000	.000	.000	.00

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TOTAL FOR ALL BENCHES	6881.68	2.472	17013.92	.491	.228	.263	3.781	.14
TOTAL FOR ALL BENCHES	-16929.17							

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MINING RESERVE EVALUATION

DESCRIPTION : Reserves within Ion's Final Pit

TOP SURFACE GRID RECORD : 5 V5-Vangorda 1979 Orthophoto Topographic Surface (POLYSECT)  
 BOTTOM SURFACE GRID RECORD : 14 Ion Vintila's Final Pit Design ( Union #5 & #13 )

BENCH TOTALS FOR STOCKPILE FROM 4.0000 [%Pb+Zn] TO 5.0000 [%Pb+Zn]

BENCH	CREST		TOE		VOLUME		DENSITY		TONNAGE		AVERAGE GRADES				ECONOMIC FACTOR [CDN \$ x1000]		
	[m	]	[m	]	[bcm	x1000]	[tn/bcm]	[ TONS x1000]	[%Pb+Zn]	[%Pb	]	[%Zn	]	[Ag g/t]		[Au g/t]	
1	1209.50		1205.00		.00		.000		.00		.000		.000		.000		.00
2	1205.00		1200.50		.00		.000		.00		.000		.000		.000		.00
3	1200.50		1196.00		.00		.000		.00		.000		.000		.000		.00
4	1196.00		1191.50		.00		.000		.00		.000		.000		.000		.00
5	1191.50		1187.00		.00		.000		.00		.000		.000		.000		.00
6	1187.00		1182.50		.00		.000		.00		.000		.000		.000		.00
7	1182.50		1178.00		.00		.000		.00		.000		.000		.000		.00
8	1178.00		1173.50		.00		.000		.00		.000		.000		.000		.00
9	1173.50		1169.00		.00		.000		.00		.000		.000		.000		.00
10	1169.00		1164.50		.00		.000		.00		.000		.000		.000		.00
11	1164.50		1160.00		.00		.000		.00		.000		.000		.000		.00
12	1160.00		1155.50		.00		.000		.00		.000		.000		.000		.00
13	1155.50		1151.00		.00		.000		.00		.000		.000		.000		.00
14	1151.00		1146.50		4.25		3.304		14.05		4.432	1.978	2.454	28.958	.324		-11.55
15	1146.50		1142.00		7.83		3.339		26.13		4.590	1.881	2.710	30.010	.475		-21.25
16	1142.00		1137.50		11.85		3.481		41.25		4.379	1.791	2.588	32.069	.389		-32.18
17	1137.50		1133.00		8.73		3.578		31.25		4.447	1.962	2.485	27.549	.565		-23.29
18	1133.00		1128.50		13.56		3.557		48.24		4.516	2.068	2.448	33.974	.510		-36.17
19	1128.50		1124.00		9.95		3.167		31.51		4.409	1.923	2.486	32.255	.680		-26.53
20	1124.00		1119.50		4.95		2.969		14.70		4.448	1.682	2.766	29.479	.482		-12.96
21	1119.50		1115.00		8.99		2.938		26.40		4.588	1.657	2.931	20.728	.357		-23.96
22	1115.00		1110.50		12.28		2.982		36.61		4.443	1.820	2.622	27.713	.520		-33.34
23	1110.50		1106.00		14.41		2.949		42.50		4.510	1.836	2.674	28.322	.570		-39.14
24	1106.00		1101.50		12.17		2.740		33.34		4.530	1.775	2.755	26.413	.519		-33.65
25	1101.50		1097.00		9.31		2.636		24.56		4.558	1.919	2.639	24.519	.449		-25.76
26	1097.00		1092.50		4.66		2.648		12.33		4.520	1.847	2.673	25.958	.540		-13.11
27	1092.50		1088.00		5.36		2.644		14.17		4.533	1.841	2.692	26.556	.552		-15.09
28	1088.00		1083.50		4.05		3.029		12.27		4.657	2.037	2.620	26.328	.590		-11.60
29	1083.50		1079.00		9.15		3.147		28.79		4.457	2.042	2.415	27.097	.564		-26.65
30	1079.00		1074.50		6.48		3.329		21.57		4.353	2.740	1.613	29.442	1.184		-18.88
31	1074.50		1070.00		6.48		3.278		21.24		4.440	2.458	1.982	28.565	.995		-19.20
32	1070.00		1065.50		7.57		3.468		26.25		4.455	2.622	1.833	31.979	1.471		-22.43
33	1065.50		1061.00		3.42		3.585		12.26		4.351	2.274	2.077	33.013	.984		-10.30
34	1061.00		1056.50		2.74		3.748		10.29		4.420	2.021	2.399	34.444	1.293		-8.27
35	1056.50		1052.00		.09		3.650		.34		4.282	2.010	2.271	32.384	1.352		-.29
36	1052.00		1047.50		.00		.000		.00		.000	.000	.000	.000	.000		.00
37	1047.50		1043.00		.00		.000		.00		.000	.000	.000	.000	.000		.00
38	1043.00		1038.50		.00		.000		.00		.000	.000	.000	.000	.000		.00



MINING RESERVE EVALUATION

DESCRIPTION : Reserves within Ion's Final Pit

TOP SURFACE GRID RECORD : 5 V5-Vangorda 1979 Orthophoto Topographic Surface (POLYSECT)  
 BOTTOM SURFACE GRID RECORD : 14 Ion Vintila's Final Pit Design ( Union #5 & #13 )

BENCH TOTALS FOR ORE ABOVE 5.0000 [%Pb+Zn]

BENCH	CREST		TOE		VOLUME		DENSITY		TONNAGE		AVERAGE GRADES					ECONOMIC FACTOR [CDN \$ x1000]
	[m	] [m	] [m	] [m	[bcm	x1000]	[tn/bcm	] [TONS x1000]	[%Pb+Zn]	[ %Pb ]	[ %Zn ]	[Ag g/t]	[Au g/t]			
1	1209.50	1205.00			.00		.000		.00	.000	.000	.000	.000	.000	.00	
2	1205.00	1200.50			.00		.000		.00	.000	.000	.000	.000	.000	.00	
3	1200.50	1196.00			.00		.000		.00	.000	.000	.000	.000	.000	.00	
4	1196.00	1191.50			.00		.000		.00	.000	.000	.000	.000	.000	.00	
5	1191.50	1187.00			.00		.000		.00	.000	.000	.000	.000	.000	.00	
6	1187.00	1182.50			.00		.000		.00	.000	.000	.000	.000	.000	.00	
7	1182.50	1178.00			.00		.000		.00	.000	.000	.000	.000	.000	.00	
8	1178.00	1173.50			.00		.000		.00	.000	.000	.000	.000	.000	.00	
9	1173.50	1169.00			.00		.000		.00	.000	.000	.000	.000	.000	.00	
10	1169.00	1164.50			.00		.000		.00	.000	.000	.000	.000	.000	.00	
11	1164.50	1160.00			.00		.000		.00	.000	.000	.000	.000	.000	.00	
12	1160.00	1155.50			.00		.000		.00	.000	.000	.000	.000	.000	.00	
13	1155.50	1151.00			.00		.000		.00	.000	.000	.000	.000	.000	.00	
14	1151.00	1146.50			5.06		3.757		19.02	8.499	3.322	5.177	48.845	.449	348.82	
15	1146.50	1142.00			31.02		3.769		116.92	8.580	3.585	4.995	48.185	.610	2187.80	
16	1142.00	1137.50			65.11		3.854		250.91	8.696	3.784	4.912	50.547	.602	4677.71	
17	1137.50	1133.00			93.99		3.788		356.04	8.246	3.607	4.640	49.853	.626	6185.20	
18	1133.00	1128.50			79.65		3.856		307.14	8.847	3.794	5.053	54.167	.666	6158.98	
19	1128.50	1124.00			47.36		3.840		181.89	10.201	4.233	5.968	65.003	.776	4786.49	
20	1124.00	1119.50			74.02		3.686		272.80	10.388	4.327	6.061	60.661	.620	6848.21	
21	1119.50	1115.00			76.27		3.575		272.70	10.046	4.138	5.908	56.233	.566	6350.10	
22	1115.00	1110.50			82.42		3.427		282.45	9.746	4.058	5.688	53.687	.588	6091.12	
23	1110.50	1106.00			98.06		3.382		331.59	9.669	4.034	5.635	54.203	.652	7188.35	
24	1106.00	1101.50			87.94		3.395		298.58	9.047	3.850	5.197	54.634	.774	6139.45	
25	1101.50	1097.00			80.89		3.522		284.90	9.443	4.155	5.287	58.034	.741	6090.88	
26	1097.00	1092.50			81.34		3.818		310.57	11.194	5.105	6.089	72.826	.692	8468.62	
27	1092.50	1088.00			77.48		3.814		295.49	11.427	5.213	6.236	74.039	.704	8260.83	
28	1088.00	1083.50			45.46		3.978		180.85	12.101	5.471	6.630	79.425	.664	5563.84	
29	1083.50	1079.00			65.09		3.747		243.88	10.140	4.326	5.814	63.436	.686	6010.83	
30	1079.00	1074.50			75.58		3.994		301.87	10.619	4.577	6.042	67.721	.734	8135.15	
31	1074.50	1070.00			81.16		3.981		323.09	10.397	4.815	5.581	67.664	.753	8093.83	
32	1070.00	1065.50			55.07		3.972		218.74	9.677	4.365	5.312	63.706	.727	5022.93	
33	1065.50	1061.00			38.66		3.990		154.27	9.469	4.331	5.138	62.531	.791	3475.13	
34	1061.00	1056.50			25.18		4.003		100.80	8.956	4.034	4.922	57.943	.863	2157.26	
35	1056.50	1052.00			1.42		3.976		5.64	9.674	4.204	5.470	62.547	1.151	149.39	
36	1052.00	1047.50			.00		.000		.00	.000	.000	.000	.000	.000	.00	
37	1047.50	1043.00			.00		.000		.00	.000	.000	.000	.000	.000	.00	
38	1043.00	1038.50			.00		.000		.00	.000	.000	.000	.000	.000	.00	
39	1038.50	1034.00			.00		.000		.00	.000	.000	.000	.000	.000	.00	

38	1043.00	1038.50	.00	.000	.00	.000	.000	.000	.000	.000	.000	.00
39	1038.50	1034.00	.00	.000	.00	.000	.000	.000	.000	.000	.000	.00
40	1034.00	1029.50	.00	.000	.00	.000	.000	.000	.000	.000	.000	.00
41	1029.50	1025.00	.00	.000	.00	.000	.000	.000	.000	.000	.000	.00
42	1025.00	1020.50	.00	.000	.00	.000	.000	.000	.000	.000	.000	.00
43	1020.50	1016.00	.00	.000	.00	.000	.000	.000	.000	.000	.000	.00
44	1016.00	1011.50	.00	.000	.00	.000	.000	.000	.000	.000	.000	.00
45	1011.50	1007.00	.00	.000	.00	.000	.000	.000	.000	.000	.000	.00
TOTAL FOR ALL BENCHES			1368.23	3.735	5110.14	9.861	4.293	5.570	60.611			.68
TOTAL FOR ALL BENCHES			118390.90									

50391/ tms metal

MINING RESERVE EVALUATION

DESCRIPTION : Reserves within Ion's Final Pit

TOP SURFACE GRID RECORD : 5 V5-Vangorda 1979 Orthophoto Topographic Surface (POLYSECT)  
 BOTTOM SURFACE GRID RECORD : 14 Ion Vintila's Final Pit Design ( Union #5 & #13 )

BENCH TOTALS FOR ALL MATERIAL

BENCH	CREST		TOE		VOLUME [bcm x1000]	DENSITY [tn/bcm]	TONNAGE [ TONS x1000]	AVERAGE GRADES					ECONOMIC FACTOR [CDN \$ x1000]	
	[m	]	[m	]				[%Pb+Zn]	[ %Pb ]	[ %Zn ]	[Ag g/t]	[Au g/t]		
1	1209.50	1205.00			.00	.000	.00	.000	.000	.000	.000	.000	.000	.00
2	1205.00	1200.50			.00	.000	.00	.000	.000	.000	.000	.000	.000	.00
3	1200.50	1196.00			.00	.000	.00	.000	.000	.000	.000	.000	.000	.00
4	1196.00	1191.50			.00	.000	.00	.000	.000	.000	.000	.000	.000	.00
5	1191.50	1187.00			.00	.000	.00	.000	.000	.000	.000	.000	.000	.00
6	1187.00	1182.50			.00	.000	.00	.000	.000	.000	.000	.000	.000	.00
7	1182.50	1178.00			.00	.000	.00	.000	.000	.000	.000	.000	.000	.00
8	1178.00	1173.50			.00	.000	.00	.000	.000	.000	.000	.000	.000	.00
9	1173.50	1169.00			6.69	2.102	14.07	.000	.000	.000	.000	.000	.000	-15.54
10	1169.00	1164.50			46.60	2.147	100.03	.000	.000	.000	.000	.000	.000	-109.94
11	1164.50	1160.00			100.52	2.140	215.07	.000	.000	.000	.000	.000	.000	-231.61
12	1160.00	1155.50			220.73	2.140	472.27	.000	.000	.000	.000	.000	.000	-508.60
13	1155.50	1151.00			391.82	2.136	836.96	.000	.000	.000	.000	.000	.000	-901.69
14	1151.00	1146.50			557.80	2.189	1220.96	.280	.119	.161	1.922	.029	.029	-902.23
15	1146.50	1142.00			688.59	2.283	1571.82	.844	.357	.488	5.050	.085	.085	684.24
16	1142.00	1137.50			695.39	2.463	1712.91	1.575	.682	.893	9.479	.144	.144	3191.37
17	1137.50	1133.00			672.42	2.554	1717.03	1.987	.873	1.114	12.130	.186	.186	4835.94
18	1133.00	1128.50			676.22	2.631	1779.01	2.093	.907	1.186	13.127	.223	.223	4742.65
19	1128.50	1124.00			556.47	2.609	1452.07	1.831	.767	1.064	12.073	.205	.205	3571.77
20	1124.00	1119.50			525.52	2.693	1415.46	2.432	1.021	1.411	14.856	.198	.198	5764.39
21	1119.50	1115.00			483.99	2.773	1342.11	2.546	1.048	1.497	15.184	.212	.212	5324.32
22	1115.00	1110.50			405.46	2.845	1153.36	2.963	1.236	1.727	17.544	.253	.253	5242.72
23	1110.50	1106.00			391.02	2.938	1149.01	3.412	1.426	1.987	20.395	.312	.312	6395.50
24	1106.00	1101.50			317.40	2.959	939.06	3.565	1.515	2.050	22.290	.431	.431	5505.18
25	1101.50	1097.00			262.03	3.042	797.13	4.069	1.797	2.273	25.868	.483	.483	5589.96
26	1097.00	1092.50			254.47	3.141	799.32	4.848	2.223	2.624	32.074	.416	.416	7981.31
27	1092.50	1088.00			215.40	3.207	690.69	5.415	2.492	2.932	35.726	.451	.451	7872.60
28	1088.00	1083.50			203.09	3.218	653.45	4.122	1.915	2.208	28.178	.483	.483	5112.35
29	1083.50	1079.00			187.26	3.251	608.76	4.864	2.144	2.720	31.378	.524	.524	5654.87
30	1079.00	1074.50			152.57	3.501	534.16	6.658	2.955	3.703	43.130	.627	.627	7910.84
31	1074.50	1070.00			142.28	3.601	512.32	7.180	3.364	3.816	47.441	.694	.694	7912.75
32	1070.00	1065.50			110.04	3.605	396.70	6.259	2.916	3.343	42.519	.800	.800	4860.08
33	1065.50	1061.00			81.39	3.676	299.16	5.917	2.758	3.159	41.121	.806	.806	3346.42
34	1061.00	1056.50			66.20	3.729	246.91	5.320	2.509	2.811	38.484	.881	.881	2033.67
35	1056.50	1052.00			6.84	3.562	24.35	4.089	1.906	2.183	29.501	.832	.832	132.80
36	1052.00	1047.50			.00	.000	.00	.000	.000	.000	.000	.000	.000	.00
37	1047.50	1043.00			.00	.000	.00	.000	.000	.000	.000	.000	.000	.00
38	1043.00	1038.50			.00	.000	.00	.000	.000	.000	.000	.000	.000	.00
39	1038.50	1034.00			.00	.000	.00	.000	.000	.000	.000	.000	.000	.00









38	1008.00	1002.00	.00	.000	.00	.000	.000	.000	.000	.000	.000	.00
39	1002.00	996.00	.00	.000	.00	.000	.000	.000	.000	.000	.000	.00
40	996.00	990.00	.00	.000	.00	.000	.000	.000	.000	.000	.000	.00

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TOTAL FOR ALL BENCHES			1481.65	3.991	5913.32	9.528	4.171	5.357	59.096			.77
TOTAL FOR ALL BENCHES			.00									

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563,421 tons metal

MINING RESERVE EVALUATION

DESCRIPTION : Reserves within Ion's Final Pit

TOP SURFACE GRID RECORD : 1 VANGORDA TOPOGRAPHIC SURFACE - 1979 ORTHOPHOTO (POLYSECT)  
 BOTTOM SURFACE GRID RECORD : 6 Ion Vintila's Final Pit Design ( Union #1 & #5 )

BENCH TOTALS FOR ALL MATERIAL

BENCH	CREST	TOE	VOLUME		DENSITY	TONNAGE	AVERAGE GRADES					ECONOMIC FACTOR
	[m ]	[m ]	[bcm	x1000]	[tn/bcm]	[ TONS x1000]	[Pb+Zn%]	[Pb % ]	[Zn % ]	[Ag g/t]	[Au g/t]	[Cdn \$ x1000]
1	1230.00	1224.00	.00	.000	.000	.00	.000	.000	.000	.000	.000	.00
2	1224.00	1218.00	.00	.000	.000	.00	.000	.000	.000	.000	.000	.00
3	1218.00	1212.00	.00	.000	.000	.00	.000	.000	.000	.000	.000	.00
4	1212.00	1206.00	.00	.000	.000	.00	.000	.000	.000	.000	.000	.00
5	1206.00	1200.00	.00	.000	.000	.00	.000	.000	.000	.000	.000	.00
6	1200.00	1194.00	.00	.000	.000	.00	.000	.000	.000	.000	.000	.00
7	1194.00	1188.00	.00	.000	.000	.00	.000	.000	.000	.000	.000	.00
8	1188.00	1182.00	.00	.000	.000	.00	.000	.000	.000	.000	.000	.00
9	1182.00	1176.00	.00	.000	.000	.00	.000	.000	.000	.000	.000	.00
10	1176.00	1170.00	2.95	2.099	2.099	6.19	.000	.000	.000	.000	.000	.00
11	1170.00	1164.00	61.25	2.134	2.134	130.73	.000	.000	.000	.000	.000	.00
12	1164.00	1158.00	175.24	2.128	2.128	372.84	.000	.000	.000	.000	.000	.00
13	1158.00	1152.00	433.88	2.129	2.129	923.56	.000	.000	.000	.000	.000	.00
14	1152.00	1146.00	733.34	2.222	2.222	1629.38	.531	.223	.308	3.296	.043	.00
15	1146.00	1140.00	944.61	2.426	2.426	2291.63	1.402	.590	.812	8.699	.126	.00
16	1140.00	1134.00	890.36	2.569	2.569	2287.68	2.086	.903	1.183	13.320	.192	.00
17	1134.00	1128.00	903.68	2.667	2.667	2410.48	1.972	.878	1.094	13.511	.250	.00
18	1128.00	1122.00	720.15	2.657	2.657	1913.67	1.831	.808	1.022	12.624	.246	.00
19	1122.00	1116.00	682.80	2.815	2.815	1922.34	2.308	.971	1.336	14.919	.287	.00
20	1116.00	1110.00	541.41	2.956	2.956	1600.21	3.125	1.338	1.787	19.538	.321	.00
21	1110.00	1104.00	515.01	3.009	3.009	1549.79	3.294	1.400	1.894	20.448	.364	.00
22	1104.00	1098.00	350.53	3.169	3.169	1110.88	4.303	1.869	2.434	27.449	.514	.00
23	1098.00	1092.00	337.64	3.347	3.347	1130.09	5.159	2.300	2.859	33.746	.548	.00
24	1092.00	1086.00	281.98	3.409	3.409	961.21	5.220	2.326	2.894	32.612	.510	.00
25	1086.00	1080.00	265.10	3.381	3.381	896.37	4.646	2.052	2.594	29.569	.554	.00
26	1080.00	1074.00	206.36	3.682	3.682	759.86	6.524	2.921	3.603	41.827	.687	.00
27	1074.00	1068.00	186.92	3.622	3.622	677.08	5.834	2.694	3.140	38.845	.706	.00
28	1068.00	1062.00	115.82	3.930	3.930	455.16	6.621	3.035	3.586	44.167	.814	.00
29	1062.00	1056.00	88.61	3.929	3.929	348.13	5.983	2.735	3.248	41.213	.860	.00
30	1056.00	1050.00	.00	.000	.000	.00	.000	.000	.000	.000	.000	.00
31	1050.00	1044.00	.00	.000	.000	.00	.000	.000	.000	.000	.000	.00
32	1044.00	1038.00	.00	.000	.000	.00	.000	.000	.000	.000	.000	.00
33	1038.00	1032.00	.00	.000	.000	.00	.000	.000	.000	.000	.000	.00
34	1032.00	1026.00	.00	.000	.000	.00	.000	.000	.000	.000	.000	.00
35	1026.00	1020.00	.00	.000	.000	.00	.000	.000	.000	.000	.000	.00
36	1020.00	1014.00	.00	.000	.000	.00	.000	.000	.000	.000	.000	.00
37	1014.00	1008.00	.00	.000	.000	.00	.000	.000	.000	.000	.000	.00
38	1008.00	1002.00	.00	.000	.000	.00	.000	.000	.000	.000	.000	.00
39	1002.00	996.00	.00	.000	.000	.00	.000	.000	.000	.000	.000	.00





58	1043.00	1038.50	.00	.000	.00	.000	.000	.000	.000	.000	.000	.00
39	1038.50	1034.00	.00	.000	.00	.000	.000	.000	.000	.000	.000	.00
40	1034.00	1029.50	.00	.000	.00	.000	.000	.000	.000	.000	.000	.00
41	1029.50	1025.00	.00	.000	.00	.000	.000	.000	.000	.000	.000	.00
42	1025.00	1020.50	.00	.000	.00	.000	.000	.000	.000	.000	.000	.00
43	1020.50	1016.00	.00	.000	.00	.000	.000	.000	.000	.000	.000	.00
44	1016.00	1011.50	.00	.000	.00	.000	.000	.000	.000	.000	.000	.00
45	1011.50	1007.00	.00	.000	.00	.000	.000	.000	.000	.000	.000	.00

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TOTAL FOR ALL BENCHES	8418.20	2.691	22654.10	2.698	1.186	1.512	17.190	.27
TOTAL FOR ALL BENCHES	100996.10							

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