

Appendix I:

Radiography Summary and Sample Print (S531-02)

(Darker areas denote higher material density. Note pitting around inch marker 11)

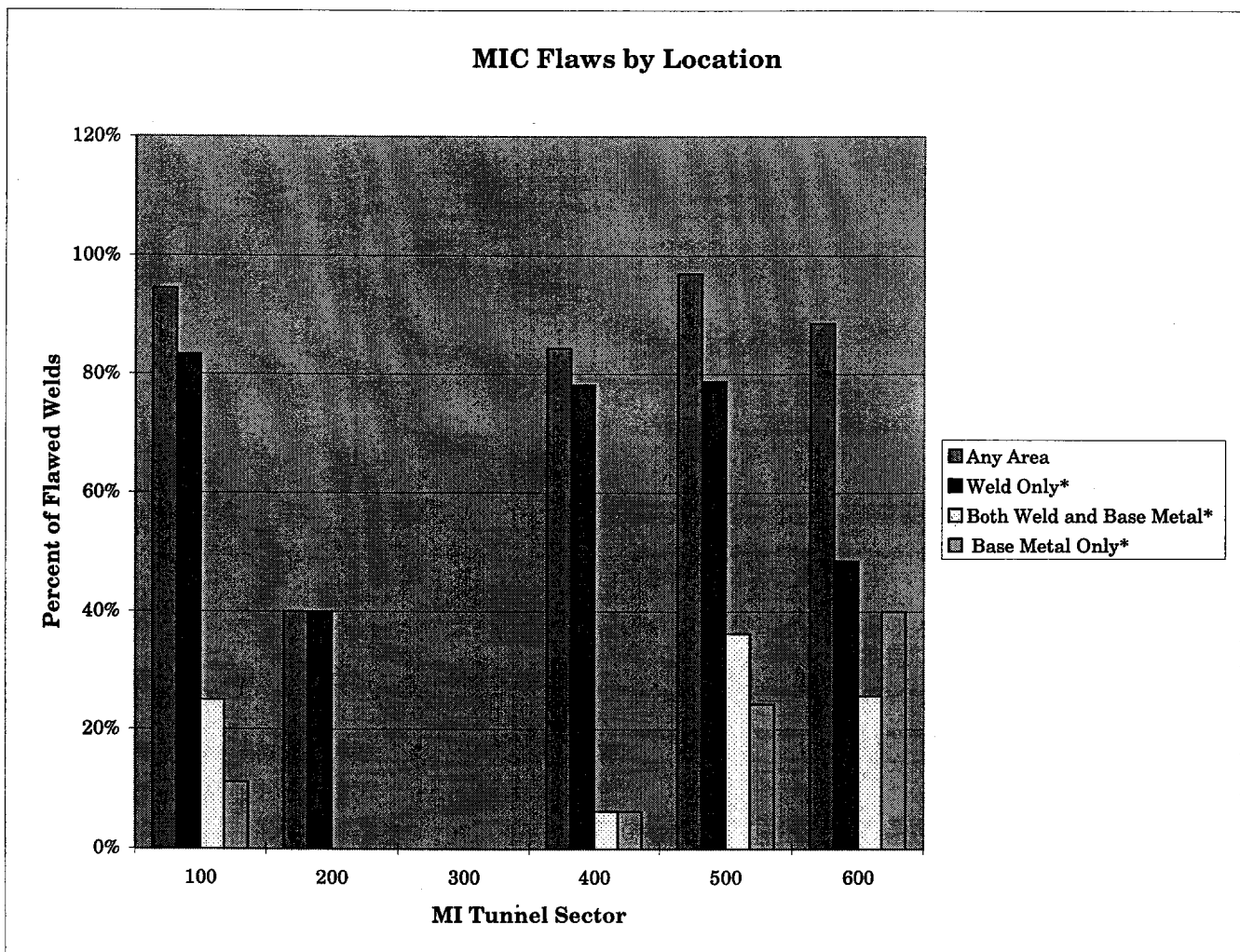
MI Magnet LCW Radiography Summary

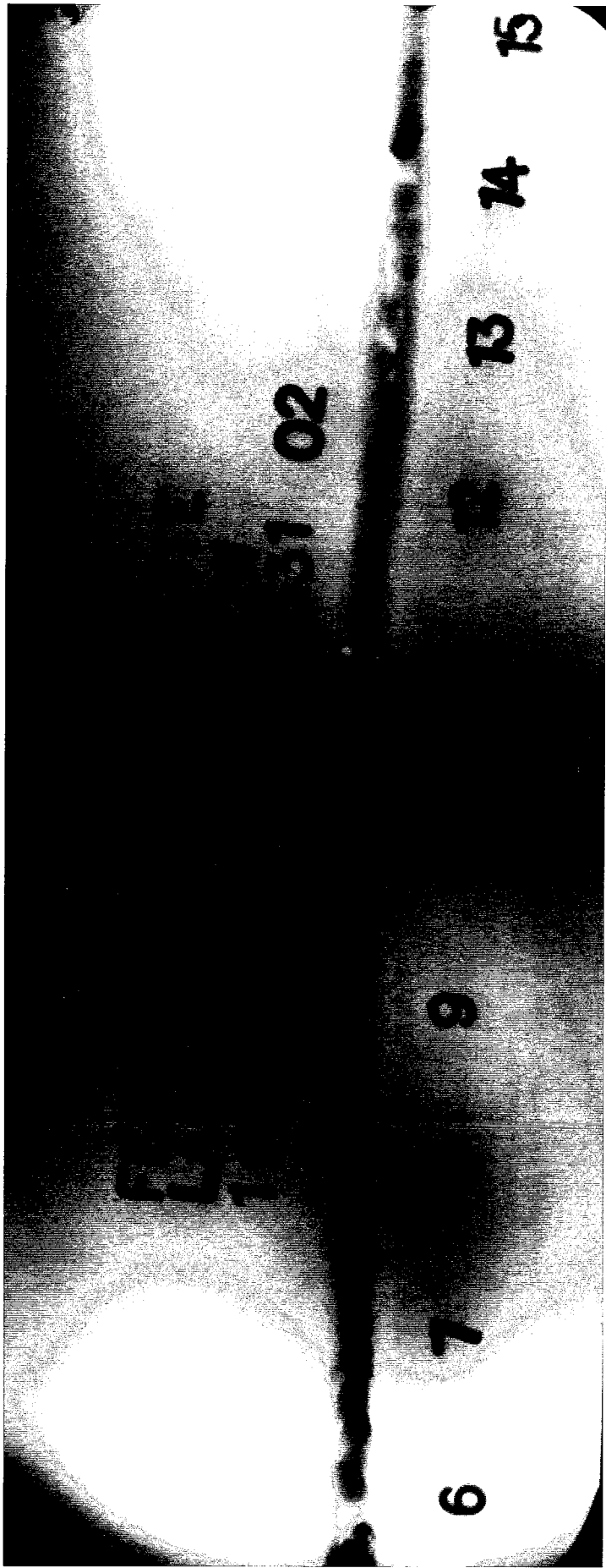
Location (Sector)	Number Of Welds			Number of Flaws by Type								% of Welds Radiographed			
	Radiographed	Passed Code	Failed Code	Incomplete Fusion	Incomplete Penetration	Root Concavity	Root Convexity	Crack	Tungsten Inclusion	Porosity	Undercut	Showing Flaws	Showing MIC Flaws	Showing Only Non-MIC Flaws	Showing No Flaws
100	38	2	36	25	38	9	5	0	0	63	9	95%	89%	6%	5%
200	43	3	40	35	56	13	4	0	0	37	1	93%	37%	56%	7%
300	33	10	23	39	3	32	14	0	0	13	11	70%	0%	70%	30%
400	32	0	32	53	0	6	2	1	1	50	4	100%	84%	16%	0%
500	36	3	33	18	32	19	1	0	1	37	0	92%	89%	3%	8%
600	46	11	35	28	30	19	3	0	0	42	14	76%	67%	9%	24%
Totals:	228	29	199	198	159	98	29	1	2	242	39	87%	61%	26%	13%

MI Magnet LCW Radiography Summary of MIC Flaws

Location (Sector)	Number of Welds Showing Flaws	Percentage of Flawed Welds with MIC Flaws on:			
		Any Area	Weld Only*	Both Weld and Base Metal*	Base Metal Only*
100	36	94%	83%	25%	11%
200	40	40%	40%	0%	0%
300	23	0%	0%	0%	0%
400	32	84%	78%	6%	6%
500	33	97%	79%	36%	24%
600	35	89%	49%	26%	40%

*A weld may exhibit more than one type of MIC flaw.





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