THE ARGONAUT MINING CO. LTD.

Area 1 - Estimated 40,000 tons iron ore

006966

IRON HILL MINE

ASSAY REPORT

SE Corner Block 100

No DRILL Hole plan on file

DATE September 11, 1953. PAGE 2

IRON VALLEY

Date	Sample Description		Fe	S		Fe_3O_4	Remarks
	WDH #30 cont.						
	727	15 - 20	7.1				
	728	20 - 25	8.4				
	729	25 - 30	11.9				
	730	30 - 35	11.7				
	731	35 - 40	13.6				
	732	40 - 45	14.0				
	733	45 - 50	9.1				
	734	50 - 55	18.0				
	735	55 - 60	16.3				
	736	60 - 65	18.5				

PROPERTY FILE DF075

"J. Stephenson"

Assayer

THE ARGONAUT MINING CO. LTD.

IRON HILL MINE

ASSAY REPORT

DATE Sept. 10/53 PAGE 3

IRON VALLEY

Date	Sample Description		Fe	S		Fe_3O_4	Remarks
	WDH #27 B						
	702	0 - 5	~~66.7~~				
	703	5 - 10	52.2	15'			
	704	10 - 15	48.0				
	705	15 - 20	3.1				
	706	20 - 25	trace				
	707	25 - 30	6.9				

"J. Stephenson"

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IRON HILL MINE

ASSAY REPORT

DATE Sept. 11/53 PAGE 1

IRON VALLEY

Date	Sample Description		Fe	S		Fe_3O_4	Remarks
	WDH #28						
	709	0 - 5	8.7				
	710	5 - 10	8.2				
	711	10 - 15	8.7				
	712	15 - 20	8.9				
	713	20 - 25	9.6				
	714	25 - 30	9.9				
	715	30 - 35	9.2				
	WDH #29						
	716	0 - 5	7.7				
	717	5 - 10	8.5				
	718	10 - 15	9.4				
	719	15 - 20	9.2				
	720	20 - 25	11.0				
	721	25 - 30	10.6				
	722	30 - 35	10.4				
	WDH #30						
	724	0 - 5	9.2				
	725	5 - 10	9.9				
	726	10 - 15	9.8				

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IRON HILL MINE

ASSAY REPORT

DATE Sept. 10/53 PAGE 2

IRON VALLEY

Date	Sample Description		Fe	S		Fe_3O_4	Remarks
	WDH #25 cont.						
	632	30 - 35	16.3				
	633	35 - 40	42.3				
	634	40 - 42	32.4	7'			
	635	42 - 47	14.8				
	636	47 - 55	17.4				
	WDH #26						
	637	0 - 5	54.5				
	638	5 - 10	53.7				
	639	10 - 15	45.7	30'			
	640	15 - 20	56.5				
	641	20 - 25	54.9				
	642	25 - 30	61.5				
	WDH # 27						
	644	0 - 5	65.9				
	645	5 - 10	55.4	20'			
	646	10 - 15	41.6				
	647	15 - 20	46.7				

"J. Stephenson"
Assyer

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IRON HILL MINE

ASSAY REPORT

DATE Sept. 10, 1953. PAGE 1

IRON VALLEY

Date	Sample Description	Fe	S		Fe_3O_4	Remarks
	WDH #23					
	615 70 - 75	7.5				
	WDH #24					
	616 0 - 5	59.2				
	617 5 - 10	34.4	10			
	618 10 - 15	9.4				
	619 15 - 20	9.4				
	620 20 - 25	9.8				
	621 25 - 30	9.4				
	622 30 - 35	8.7				
	623 35 - 40	8.9				
	624 40 - 45	9.4				
	625 45 - 50	9.8				
	WDH #25					
	626 0 - 5	10.5				
	627 5 - 10	12.2				
	628 10 - 15	12.8				
	629 15 - 20	14.0				
	630 20 - 25	15.4				
	631 25 - 30	15.2				

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IRON HILL MINE

ASSAY REPORT

DATE , Aug. 28/53 PAGE 1

IRON VALLEY

Date	Sample Description	Fe	S		Fe_3O_4	Remarks
	WDH #24					
	616 0 - 5	59.2	5			
	619 15 - 20	9.4				
	620 20 - 25	9.8				
	621 25 - 30	9.4				
	622 30 - 35	8.7				
	623 35 - 40	8.9				
	WDH #25					
	629 15 - 20	14.0				
	631 25 - 30	15.2				
	633 35 - 40	42.3	1			
	634 40 - 42	32.4				
	635 42 - 47	14.8				

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IRON HILL MINE

ASSAY REPORT

DATE Sept. 9/53 PAGE 1

IRON VALLEY

Date	Sample Description		Fe	S		Fe_3O_4	Remarks
	WDH # 23						
	601	0 - 5	trace				
	602	5 - 10	trace				
	603	10 - 15	trace				
	604	15 - 20	trace				
	605	20 - 25	52.4	5'			
	606	25 - 30	20.8				
	607	30 - 35	15.4				
	608	35 - 40	27.4				
	609	40 - 45	41.6	10'			
	610	45 - 50	31.8				
	611	50 - 55	17.3				
	612	55 - 60	7.9				
	613	60 - 65	8.1				
	614	65 - 70	7.7				

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IRON HILL MINE

ASSAY REPORT

DATE Aug. 26/53 PAGE 1

IRON VALLEY

Date	Sample Description		Fe	S		Fe_3O_4	Remarks
	WDH #22						
	527	0 - 5	1.4				
	528	5 - 10	2.2				
	529	10 - 15	1.1				
	530	15 - 20	1.3				
	WDH #22B						
	535	0 - 5	1.1				
	536	5 - 10	1.3				
	537	10 - 15	1.3				
	538	15 - 20	trace				
	539	20 - 25	trace				
	540	25 - 30	trace				
	541	30 - 35	trace				
	542	35 - 40	trace				
	543	40 - 45	trace				
	544	45 - 50	50.7				
	545	50 - 55	53.5	.51			
	546	55 - 60	46.6				
	548	62 - 65	7.4				
	549	65 - 70	7.2				

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IRON HILL MINE

ASSAY REPORT

DATE Aug. 21/53 PAGE 1

IRON VALLEY

Date	Sample Description		Fe	S		Fe_3O_4	Remarks
	WDH #18						
	580	65 - 70	trace				
	581	70 - 75	1.2				
	582	75 - 80	1.2				
	583	80 - 84	trace				
	WDH #19						
	585	5 - 10	1.3				
	586	10 - 15	trace				
	587	15 - 20	1.1				
	588	20 - 25	trace				
	589	25 - 30	1.1				
	590	30 - 35	1.3				
	591	35 - 40	trace				
	592	40 - 45	2.0				
	593	45 - 50	1.3				
	594	50 - 55	1.1				
	595	55 - 60	1.2				
	596	60 - 65	1.3				

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IRON HILL MINE

ASSAY REPORT

DATE Aug. 21/53 PAGE 1

IRON VALLEY

Date	Sample Description		Fe	S		Fe_3O_4	Remarks
	WDH #18						
	580	65 - 70	trace				
	581	70 - 75	1.2				
	582	75 - 80	1.2				
	583	80 - 84	trace				
	WDH #19						
	585	5 - 10	1.3				
	586	10 - 15	trace				
	587	15 - 20	1.1				
	588	20 - 25	trace				
	589	25 - 30	1.1				
	590	30 - 35	1.3				
	591	35 - 40	trace				
	592	40 - 45	2.0				
	593	45 - 50	1.3				
	594	50 - 55	1.1				
	595	55 - 60	1.2				
	596	60 - 65	1.3				

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IRON HILL MINE

ASSAY REPORT

DATE Aug. 21/53 PAGE 2

IRON VALLEY

Date	Sample Description		Fe	S		Fe_3O_4	Remarks
	WDH #20						
	597	0 - 5	1.1				
	598	5 - 10	trace				
	599	10 - 15	trace				
	600	15 - 20	trace				

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IRON HILL MINE

ASSAY REPORT

DATE Aug. 20/53 PAGE 1

IRON VALLEY

Date	Sample Description		Fe	S		Fe_3O_4	Remarks
	WDH #20						
	501	20 - 25	1.5				
	502	25 - 30	trace				
	503	30 - 35	1.7				
	504	35 - 40	2.0				
	505	40 - 45	1.3				
	506	45 - 50	1.2				
	507	50 - 55	1.1				
	508	55 - 60	1.1				
	509	60 - 65	1.1				
	510	65 - 70	25.7				
	511	70 - 75	9.4				
	WDH #21						
	512	0 - 5	2.3				
	513	5 - 10	4.1				
	514	10 - 15	1.3				
	515	15 - 20	trace				
	516	20 - 25	6.6				
	517	25 - 30	9.1				
	518	30 - 35	7.6				

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IRON HILL MINE

ASSAY REPORT

DATE Aug. 20/53 PAGE 2

IRON VALLEY

Date	Sample Description	Fe	S		Fe_3O_4	Remarks
	WDH #21 cont.					
	519 35 - 40	7.6				
	520 40 - 45)	7.4				
	521 50 - 55) - ?	8.5				
	522 45 - 50)	8.9				
	523 55 - 60	7.8				
	524 60 - 65	8.9				
	525 65 - 70	8.9				
	526 70 - 72	8.9				
	WDH #18					
	579 60 - 65	trace				

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IRON HILL MINE

ASSAY REPORT

DATE Aug. 19/53 PAGE 1

IRON VALLEY

Date	Sample Description		Fe	S		Fe_3O_4	Remarks
	WDH #15						
	473	0 - 5	1.6				
	474	5 - 10	4.7				
	475	10 - 15	3.4				
	476	15 - 20	2.2				
	477	20 - 25	32.6				
	478	25 - 30	39.6				
	479	30 - 35	2.6				
	480	35 - 40	1.1				
	481	40 - 45	1.1				
	482	45 - 50	trace				
	483	50 - 55	61.0				
	484	55 - 60	25.0				
	WDH #18						
	567	0 - 5	9.6				
	568	5 - 10	9.8				
	569	10 - 15	11.7				
	570	15 - 20	2.4				
	571	20 - 25	2.2				
	572	25 - 30	2.2				

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IRON HILL MINE

ASSAY REPORT

DATE Aug. 19/53 PAGE 2

IRON VALLEY

Date	Sample Description	Fe	S		Fe_3O_4	Remarks
	WDH #18 cont.					
	573 30 - 35	1.3				
	574 35 - 40	1.3				
	575 40 - 45	trace				
	576 45 - 50	1.1				
	577 50 - 55	1.4				
	578 55 - 60	trace				

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IRON HILL MINE

ASSAY REPORT

DATE Aug. 17/58 PAGE 1

IRON VALLEY

Date	Sample Description		Fe	S		Fe_3O_4	Remarks
	WDH #17						
	551	0 - 5	6.5				
	552	5 - 10	6.7				
	553	10 - 15	6.6				
	554	15 - 20	6.7				
	555	20 - 25	6.8				
	556	25 - 30	7.6				
	557	30 - 35	6.4				
	558	35 - 40	7.0				
	559	40 - 45	7.0				
	560	45 - 50	6.5				
	561	50 - 55	6.8				
	562	55 - 60	6.7				
	563	60 - 65	6.7				
	564	65 - 70	6.3				
	565	70 - 75	6.5				
	566	75 - 78	6.5				

"J. Stephenson"

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IRON HILL MINE

ASSAY REPORT

DATE Aug. 17/53 PAGE 2

IRON VALLEY

Date	Sample Description	Fe	S		Fe_3O_4	Remarks
	WDH #16					
	492 25 - 30	2.7				
	493 30 - 35	2.2				
	494 35 - 40	2.0				
	495 40 - 45	2.2				
	496 45 - 50	2.6				
	497 50 - 55	2.2				

"J. Stephenson"

Assayer

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IRON HILL MINE

ASSAY REPORT

DATE Aug. 14/53 PAGE 1

IRON VALLEY

Date	Sample Description		Fe	S		Fe_3O_4	Remarks
	WDH #13						
	455	0 - 5	61.3				
	456	5 - 10	57.4	10'			
	457	?	16.5				
	458	15 - 20	14.8				
	WDH #14						
	459	?	11.3				
	460	5 - 10	8.9				
	461	10 - 15	5.9				
	462	15 - 20	9.1				
	463	20 - 25	6.0				
	464	25 - 30	4.6				
	465	30 - 35	4.7				
	466	35 - 40	4.4				
	467	40 - 45	4.1				
	468	45 - 50	4.3				
	469	50 - 55	10.0				
	470	55 - 60	12.5				
	471	60 - 65	15.7				
	472	65 - 70	17.3				

"J. Stephenson"
Assayer

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IRON HILL MINE

ASSAY REPORT

DATE Aug. 10/53 PAGE 1

IRON VALLEY

Date	Sample Description		Fe	S		Fe_3O_4	Remarks
	WDH #11A cont.						
	219	40 - 45	20.6				
	220	45 - 50	21.9				
	221	50 - 55	21.7				
	223	55 - 60	22.4				
	WDH #12A						
	224	0 - 5	trace				
	225	5 - 10	trace				
	226	10 - 15	trace				
	227	15 - 20	trace				
	228	20 - 25	1.1				
	WDH #12B						
	239	0 - 5	trace				
	240	5 - 10	trace				
	241	10 - 15	1.4				
	242	15 - 20	trace				
	243	20 - 25	14.8				
	244	25 - 30	19.2				
	245	30 - 35	40.6				
	246	35 - 40	43.5				

"J. Stephenson"
Assayer

THE ARGONAUT MINING CO. LTD.

IRON HILL MINE

ASSAY REPORT

DATE Aug. 10 PAGE 2

IRON VALLEY

Date	Sample Description		Fe	S		Fe_3O_4	Remarks
	WDH #12B cont.						
	247	40 - 45	22.0				
	452	45 - 50	25.0				
	453	50 - 55	33.8				
	454	55 - 60	38.9	16'			

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IRON HILL MINE

ASSAY REPORT

DATE Aug. 14/53 PAGE 2

IRON VALLEY

Date	Sample Description		Fe	S		Fe_3O_4	Remarks
	WDH #15						
	485	60 - 65	19.4				
	486	65 - 68	19.8				
	WDH #16						
	487	0 - 5	2.1				
	488	5 - 10	2.0				
	489	10 - 15	1.8				
	490	15 - 20	2.0				
	491	20 - 25	2.8				

"J. Stephenson"
Assayer

THE ARGONAUT MINING CO. LTD.

IRON HILL MINE

ASSAY REPORT

DATE Aug. 7/53 PAGE 1

IRON VALLEY

Date	Sample Description		Fe	S		Fe_3O_4	Remarks
	WDH #10C						
	10 - 15	207	62.3				
	15 - 20	208	40.4	30'			
	20 - 25	209	48.6				
	25 - 30	210	38.8				
	WDH #11A						
	0 - 5	211	15.6				
	5 - 10	212	12.0				
	10 - 15	213	16.9				
	15 - 20	214	18.5				
	20 - 25	215	19.3				
	25 - 30	216	18.2				
	30 - 35	217	16.9				
	35 - 40	218	17.9				

"J. Stephenson"
Assayer

THE ARGONAUT MINING CO. LTD.

IRON HILL MINE

ASSAY REPORT

DATE Aug. 6/53 PAGE 1

IRON VALLEY

Date	Sample Description		Fe	S		Fe_3O_4	Remarks
	WDH #A10						
	0 - 5	440	62.7				
	5 - 10	441	67.6	15'			
	10 - 12	442	67.6				
	12 - 15	443	44.4				
	WDH #10						
	15 - 20	444	44.8				
	20 - 25	445	40.8				
	25 - 30	446	22.9	40'			
	30 - 40	447	58.3				
	WDH #10B						
	0 - 5	202	62.5				
		203	66.4	10'			
	WDH #10C						
	0 - 5	205	62.2				
	5 - 10	206	58.3	10			

"J. Stephenson"

Assayer

THE ARGONAUT MINING CO. LTD.

IRON HILL MINE

ASSAY REPORT

DATE Aug. 4/53 PAGE 2

IRON VALLEY

Date	Sample Description		Fe	S		Fe_3O_4	Remarks
	WDH #8D						
	25 - 30	418	1.1				
	30 - 35	419	22.0				
	35 - 40	420	12.8				
	40 - 45	421	10.7				
	45 - 50	422	11.6				
	50 - 55	423	10.7				

"J. Stephenson"

Assayer

THE ARGONAUT MINING CO. LTD.

IRON HILL MINE

ASSAY REPORT

DATE Aug. 5/53 PAGE 1

Date	Sample Description		Fe	S		Fe_3O_4	Remarks
	WDH #9						
	0 - 5	424	trace				
	5 - 10	425	trace				
	10 - 15	426	trace				
	15 - 20	427	1.1				
	20 - 25	428	trace				
	25 - 30	429	trace				
	30 - 35	430	trace				
	35 - 40	431	trace				
	40 - 45	432	trace				
	45 - 50	433	trace				
	50 - 55	434	1.0				
	55 - 60	435	trace				
	60 - 65	436	5.8				
	65 - 70	437	16.2				
	70 - 72	438	14.6				

"J. Stephenson"
Assayer

THE ARGONAUT MINING CO. LTD.

IRON HILL MINE

ASSAY REPORT

DATE Aug. 4/53 PAGE 1

IRON VALLEY

Date	Sample Description		Fe	S		Fe_3O_4	Remarks
	WDH #7C						
	0 - 5	401	14.5				
	5 - 10	402	9.8				
	10 - 15	403	9.6				
	15 - 20	404	7.5				
	20 - 25	405	7.8				
	25 - 30	406	11.3				
	30 - 35	407	10.0				
	WDH #8A						
	0 - 5	410	51.6	5			
	WDH #8B						
	0 - 5	411	54.0				
	5 - 10	412	45.7	10			
	WDH #8C						
	0 - 5	413	trace				
	WDH #8D						
	0 - 10	414	1.3				
	10 - 15	415	1.6				
	15 - 20	416	1.1				
	20 - 25	417	trace				

"J. Stephenson"

Assayer

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IRON HILL MINE

ASSAY REPORT

DATE Aug. 3/53 PAGE 1

IRON VALLEY

Date	Sample Description		Fe	S		Fe_3O_4	Remarks
	WDH #6						
	0 - 5	338	9.8				
	5 - 10	339	11.5				
	10 - 15	340	10.5				
	15 - 20	341	9.6				
	20 - 25	342	10.2				
	25 - 30	343	4.1				
	30 - 35	344	6.2				
	WDH #6B						
	0 - 5	345	10.0				
	5 - 10	346	11.7				
	10 - 15	347	10.7				
	15 - 20	348	12.4				

"J. Stephenson"

ASSAYER

THE ARGONAUT MINING CO. LTD.

IRON HILL MINE

ASSAY REPORT

DATE July 24/53 PAGE 1

Date	Sample Description		Fe	S		Fe_3O_4	Remarks
	WDH #1 IRON VALLEY						
	0 - 3	270	59.5				
	3 - 5	271	27.8				
July 17	5 - 10	272	51.5				
7' from other hole		273	39.7	10'			
	0 - 5	275	56.9				
	5 - 10	276	61.1				
	10 - 15	277	24.7				
	15 - 20	278	22.0				
	20 - 25	279	11.4				
	25 - 30	280	8.65				
	30 - 35	307	17.05				
	WDH #2						
	0 - 5	282	6.1				
	5 - 10	283	8.4				
	10 - 15	284	9.7				
	25 - 30	287	12.2				
	60 - 65	294	9.6				
	65 - 70	295	8.85				

"I. Tiergarten"

Assayer

THE ARGONAUT MINING CO. LTD.

IRON HILL MINE

ASSAY REPORT

DATE July 29/53 PAGE

IRON VALLEY

Date	Sample Description		Fe	S		Fe_3O_4	Remarks
	WDH #4						
	322	25 - 30	9.6				
	323	30 - 35	6.1				
	324	35 - 40	6.6				
	WDH #5 225	0 - 5	9.8				
	326	5 - 10	4.5				
	327	10 - 15	3.2				
	328	15 - 20	2.6				
	329	20 - 25	3.0				
	330	25 - 30	4.1				
	331	30 - 35	4.1				
	332	35 - 40	5.9				
	333	40 - 45	4.7				
	334	45 - 50	3.4				
	335	50 - 55	3.5				
	336	55 - 60	8.7				
	337	60 - 65	7.4				

"I. Tiergarten"

Assayer

THE ARGONAUT MINING CO. LTD.

IRON HILL MINE

ASSAY REPORT

DATE July 27/53 PAGE

IRON VALLEY

Date	Sample Description		Fe	S		Fe_3O_4	Remarks
	WDH #2						
	285	15 - 20	10.9				
	286	20 - 25	10.2				
	288	30 - 35	11.6				
	289	35 - 40	9.5				
	290	40 - 45	9.5				
	291	45 - 50	8.4				
	292	50 - 55	7.5				
	293	55 - 60	7.5				
	296	70 - 73	9.6				
	WDH #3 309	0 - 5	50.9				
	310	5 - 10	27.6	10			
	311	10 - 15	14.2				
	312	15 - 20	12.2				
	313	20 - 25	9.5				
	314	25 - 30	10.4				
	315	30 - 35	10.7				
	WDH #4 317	0 - 5	10.5				
	318	5 - 10	9.6				
	319	10 - 15	10.6				
	320	15 - 20	9.8				
	321	20 - 25	9.3				

"I. Tiergarten"

ASSAYER