ASSESSMENT REPORT

TREASURE MOUNTAIN PROPERTY
SIMILKAMEEN MINING DIVISION
BRITISH COLUMBIA
CANADA

NTS 92H/6E
UTM Zone 10, 641000E, 5476000N
Latitude 49°25'00"N, Longitude 121°03'40"W

HULDRA SILVER INC.
c/o 3475 West 34th Avenue,
Vancouver, B. C., V6N 2K5.

Work performed by: Huldra Silver Inc.
Report prepared by: Erik Ostensoe, P. Geo.
4306 West 3rd Avenue
Vancouver, B. C., V6R 1M7.

and

Farshad Shirvani, M.Sc.
1405 - 675 West Hastings St.
Vancouver, B. C., V6B 1N3.

Date of Report: October 17th, 2008.

Submitted to Mineral Titles Branch,
Ministry of Energy, Mines and Petroleum Resources

Erik A. Ostensoe

CONTENTS

ATTACHMENTS - one hard copy, one CD-ROM version of

Report of Property Review and Sampling Project, Treasure Mountain Property, Tulameen River Area, B. C., Canada NTS 92H/6E. Prepared for Huldra Silver Inc. by Erik Ostensoe, P. Geo. and Farshad Shirvani, M. Sc.
Date of Report: July 30, 2008.

ILLUSTRATIONS

TABULATIONS

0.0 SUMMARY

The Treasure Mountain silver-lead-zinc deposit, located 29 km northeast of Hope, British Columbia, in the headwaters area of the Tulameen River, Similkameen M. D., is a fracture-controlled vein deposit. The deposit has been developed in several episodes in the period 1892 - present and has had a small amount of production of high grade silver ores. The Treasure Mountain mine comprises four levels of underground development, a large surface open cut, numerous surface trenches and pits, several diamond drill and rotary drill holes and is currently the subject of an economic evaluation. A Draft Permit Application has been submitted to the B. C. Ministry of Energy and Mines.

A program of check sampling and assaying was completed in the period July 13 - 19, 2007 and metallurgical investigations and mine planning are continuing. A National Instrument 43-101 compliant report that was completed in July, 2008 is a comprehensive and thorough compilation of historic and recent data that will be part of the economic evaluation currently in progress. That report is attached to this document in support of an application to apply costs incurred to maintain the various mineral tenures in good standing in accordance with rules and regulations administered by the Chief Gold Commissioner for British Columbia.

1.0 INTRODUCTION

This report was prepared for submission to the Mineral Titles Branch of the Ministry of Energy, Mines and Petroleum Resources of the Province of British Columbia in order to apply a portion of costs incurred in programs of sampling, metallurgical studies and economic evaluations, as assessment work to maintain in good standing various mineral tenures that comprise the Treasure Mountain mining property. The National Instrument 43-101-compliant technical report that is attached hereto will, in due course, also form part of a comprehensive submission of technical data to the Mines Branch in support of an application to obtain a permit to operate a small underground mine.

The Treasure Mountain mine is located 29 km northeast of Hope, British Columbia, in the Cascade mountain range (Figure 1). The mine is wholly owned by Huldra Silver Inc., a British Columbia corporation, based in Vancouver, B. C. The property includes fifty-one mineral tenures as listed in Table 1 and illustrated in Figure 2 of this report.

The technical report attached hereto includes discussions of the property, its location, access, climate, local resources and infrastructure, and regional and local geology, mineralization, and history, as well as a detailed discussion of the program of check sampling and assaying that was initiated in summer 2007, followed by metallurgical test work, resource calculations and a yet to be completed economic evaluation.

Field work was completed in compliance with the relevant requirements of the Mines Act and with the overall guidance of the District Inspector of Mines. Work Permit No. MX-15-121, Approval No. 07-1500121-121-0706, was obtained prior to commencement of work and the Mine Inspector was informed, usually on a daily basis, of the progress of work and of remediation and reclamation initiatives that were completed following the sampling work.

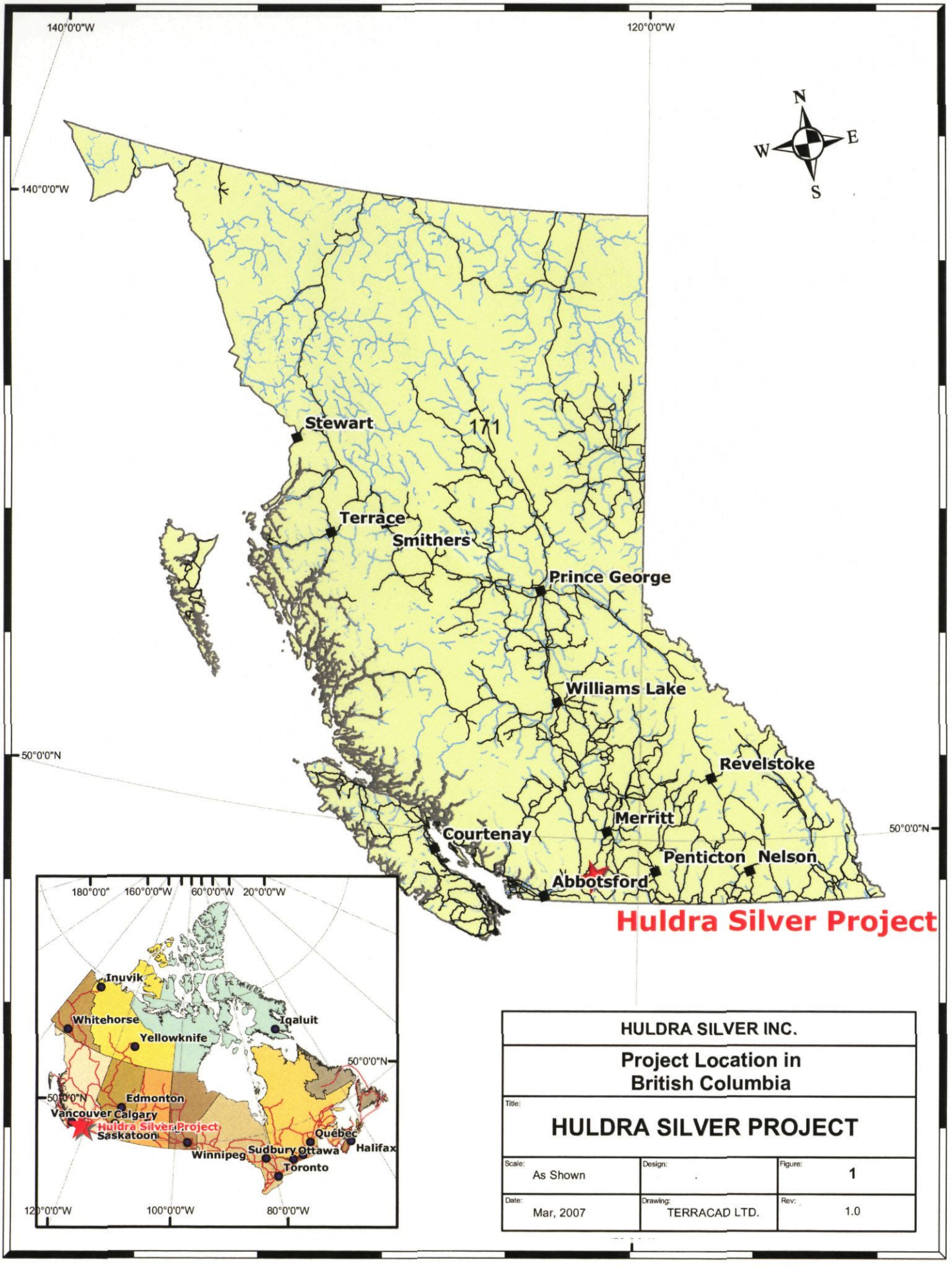
Seventy-eight chip samples, as illustrated in Figures 3, 4, 5(a) – 5(d) incl. and 6(a) – 6(d) incl., were taken from parts of Levels 1 and 2 of the Treasure Mountain mine by a small crew of a professional geologist who is familiar with relevant sampling techniques and requirements, a professional mining engineer with much experience in underground mining, a senior licensed shift boss, and a representative of the mining company. Sample locations were determined by reference to existing level plans that show in detail the configuration of the mine workings and survey points and samples were submitted to a full-service ISO 9001:2000 certified commercial laboratory for 30 element analysis by induced coupled plasma spectrometry. Certain samples were then analysed by fire assay with gravimetric finish.

Check sample sites were spaced about five metres from one another and the entire vein was not included in the program. Sample collection and handling was under the constant supervision of the consulting geologist who retained custody of the samples until they were delivered to the laboratory. Work was done on claims Bill #3 (tenure no. 248660), Bill #4 (tenure no. 248661) and tenure no. 248641.

Table 1: Mineral Tenures

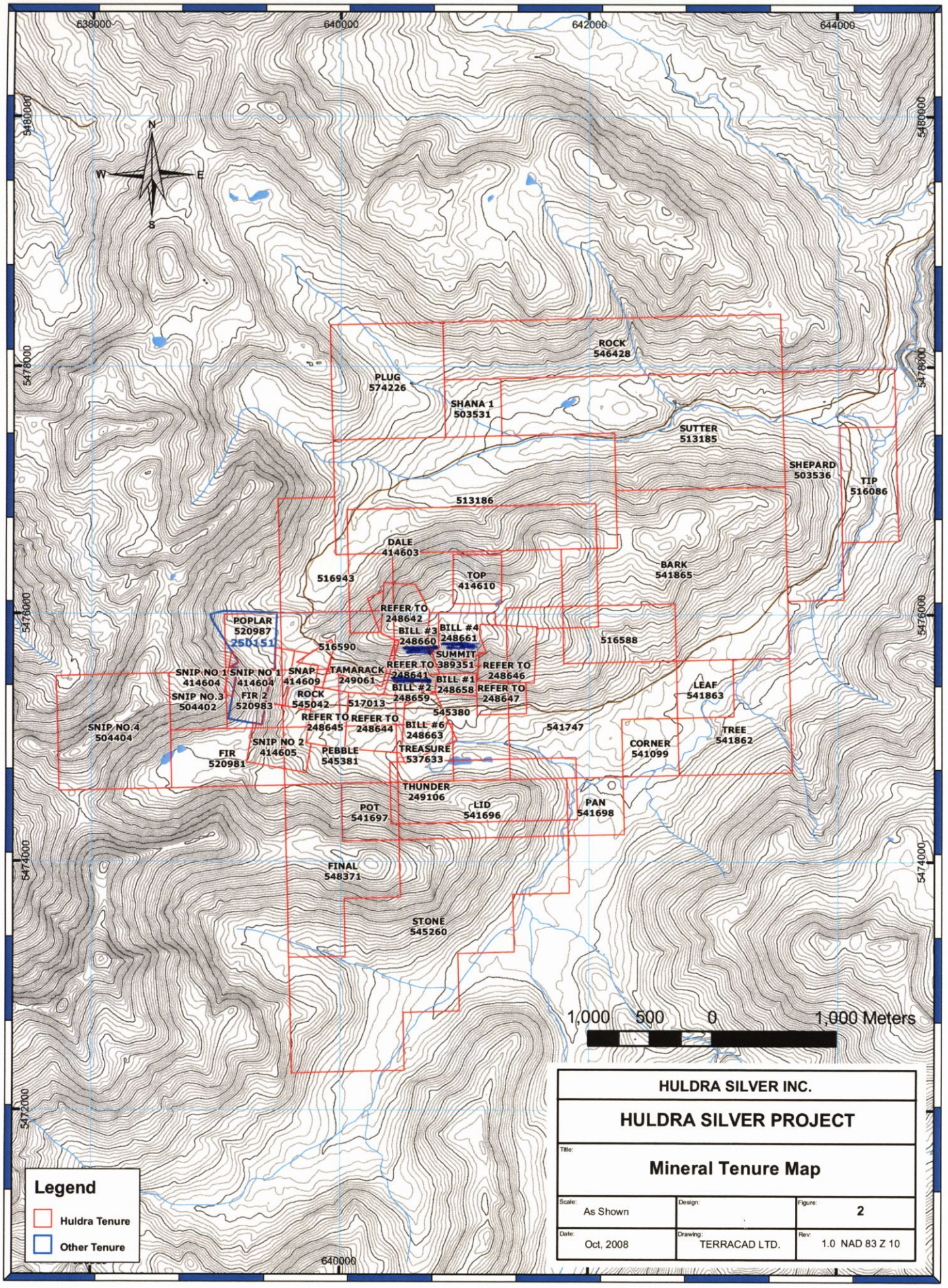
Tenure Number	Claim Name	Good to Date	Area (hectares)
248641		2009/feb/13	25.0
248642		2017/may/10	25.0
248643		2009/feb/13	25.0
248644		2009/feb/13	25.0
248645		2009/feb/13	25.0
248646		2009/feb/13	25.0
248647		2009/feb/13	25.0
248658	Bill #1	2009/feb/13	25.0
248659	Bill #2	2009/feb/13	25.0
248660	Bill #3	2009/feb/13	25.0
248661	Bill #4	2009/feb/13	25.0
248663	Bill #6	2009/feb/13	25.0
249061	Tamarack Fr.	2009/feb/13	25.0
249106	Thunder	2017/may/10	75.0
249108	Troll Fr.	2016/may/10	25.0
389351	Summit	2016/may/10	25.0
414603	Dale	2017/may/10	200.0
414604	Snip No. 1	2017/may/10	25.0
414605	Snip No. 2	2017/may/10	25.0
414609	Snap	2016/may/10	25.0
414610	Top	2009/sep/29	25.0
503531	Shana 1	2017/may/10	21.009
503536	Shepard	2017/may/10	105.05
504402	Snip No. 3	2017/may/10	21.107
504404	Snip No. 4	2017/may/10	84.071
513185	Sutter	2017/may/10	168.075
513186		2017/may/10	210.112
516086	Tip	2017/may/10	42.023
516588		2009/feb/13	42.031
516590		2017/may/10	42.031
516943		2017/may/10	63.04
517013		2017/may/10	21.017
520981	Fir	2017/may/10	42.037
520983	Fir 2	2017/may/10	21.017
520987	Poplar	2017/may/10	21.015
537633	Treasure Mountain	2009/feb/13	21.0186
541099	Corner	2009/feb/13	21.0184
541696	Lid	2017/may/10	63.0608
541697	Pot	2017/may/10	21.0204
541698	Pan	2017/may/10	21.0201
541747		2009/feb/13	126.1025
541862	Tree	2017/may/10	63.0531
541863	Leaf	2017/may/10	21.0165
541865	Bark	2017/may/10	189.124
545042	Rock	2017/may/10	21.017
545260	Stone	2017/may/10	231.2698
545380		2009/feb/13	63.0571
545381	Pebble	2017/feb/13	42.0374
546428	Rock	2017/may/10	126.042
548371	Final	2017/may/10	84.088
574226	Plug	2009/jan/21	84.031
Total area			**2851.61 hectares**

✓ claims worked on



HULDRA SILVER INC.		
Project Location in British Columbia		
Title: HULDRA SILVER PROJECT		
Scale: As Shown	Design: .	Figure: 1
Date: Mar, 2007	Drawing: TERRACAD LTD.	Rev: 1.0

claims worked on 248641, 248660, 248661



HULDRA SILVER INC.		
HULDRA SILVER PROJECT		
Title: Mineral Tenure Map		
Scale: As Shown	Design:	Figure: 2
Date: Oct, 2008	Drawing: TERRACAD LTD.	Rev: 1.0 NAD 83 Z 10

Analytical data were compared to the large volume of historic data that had been generated prior to commencement of the check sampling. That data had been obtained in the course of underground development work: samples were taken at one metre intervals from the principal vein and from various splays in levels, sub-levels and raises and were analysed by a commercial laboratory. That work was largely completed in the period 1979 - 1989, prior to implementation of ISO certification and of NI 43-101 and CIMM Definition Standards for Mineral Resources and Mineral Reserves. Original assay certificates were provided from the Company's records.

Sample rejects from the check sampling program were given to the Company's consulting metallurgist who designed and monitored a program of confirmatory metallurgical test work at a commercial research laboratory. The objectives of the test work were to complete independent bench scale testing for the purpose of flow sheet development, and to obtain samples of tailings for use in acid drainage potential testing, tailings water quality determinations, treatability assessment of tailings waters, and solid-liquid separation testing related to determination of adaptability of dry stack tailings disposal.

2.0 DATA FROM 2007-2008 WORK

Check sampling failed to fully duplicate the original analytical results and the discrepancies were not satisfactorily explained. The existence of a substantial resource of "high grade" silver-lead-zinc "ore" was, however, confirmed and the original data were used in a modeling exercise and resource calculation that is included in the technical report that is attached to this report.

Metallurgical test work confirmed that a preliminary mineral processing flow sheet that had been designed by the Company's consulting metallurgist was viable. The latter combined the new data with previously generated test work data and smelter shipments and produced a comprehensive report, much of which is included in the technical report that is attached to this report.

A resource calculation based on historic and recent sampling of the principal Treasure Mountain silver-zinc-lead vein was completed by Terracad GIS Services Ltd. That company, using data management software, prepared a solid model of the vein defined from surface to Level 4 of the mine. Two domains were identified: hanging wall and footwall. For purposes of resource calculations, assay values were, where applicable, diluted to not less than 1.2 metre width and for calculation purposes the mineralized portion of the vein was then further defined by blocks with dimensions 5.0m by 2.0m by 1.5m. Indicated and inferred resources were calculated with the aid of variography and kriging techniques. Basic statistical analyses for silver, lead and zinc contents were also calculated and reported, as were value-tonnage curves that reveal sensitivity to metal prices.

Inferred resources in the hangingwall domain with gross value* $165 per tonne or greater were calculated to be 50,990 tonnes with gross value $580.73 per tonne and indicated resources were calculated to be 38,114 tonnes with gross value $672.41 per tonne. Inferred resources in the footwall domain were calculated to be 17,478 tonnes with gross value $306.54 per tonne. No indicated resources were reported in the footwall domain.

** for calculation purposes silver was valued at $15/oz, lead at $0.70/lb and zinc at $0.80/lb. All values in USD.*

3.0 STATEMENT OF EXPENDITURES

This Statement of Expenditures was compiled from Company records. Certain expenditures that were incurred but are not directly related to topics discussed in the NI 43-101-compliant technical report that is attached to this report have been omitted from the statement. GST payments have been removed from the following costs.

(1) Backhoe services provided by Tri-Valley Contractors - clean up in portals areas, place drains and timbers to make portals secure. Work also included certain road improvements and test pit excavations that are not applicable to this report. Total invoiced amount - $24,107. Amount applicable to Technical Report:
$15,000.00

(2) Consulting geologist (E. A. Ostensoe, P. Geo.) fees per invoices

Work in field - July 21, 2007 - eight days @ $450/day	$ 3,600.00
Work in office - Aug. 14, 2008 - 300 hours @ $50/hour	$15,000.00
Preparation of assessment work filings - 3 days @ $500/day	$ 1,500.00
Total.....	**$20,100.00**

(3) Disbursements - E. Ostensoe - groceries, truck rental, gas, highway tolls $ **1,201.38**

(4) A. J. Beaton Mining Inc.- supervision, labour, living and travel costs incurred in providing underground services at Treasure Mountain mine, including liason with District Inspector of Mines, ensuring safe environment underground, assisting with sampling program, closing mine in a secure fashion. Includes wages for A. J. Beaton, P. Eng., licensed mine manager, and Alex McPherson, licensed shift boss
Per invoices - **$19,103.00**

(5) M. Bratlien - project manager. Provided guidance with respect to mine layout, labour in mine, assisted in re-opening mine workings and then in closing the project in a manner that was environmentally responsible and secure against possible public misadventure.
Per invoice - **$ 5,087.00**

(6) Jasman Yee & Associates Inc., consulting metallurgists, design work for process flow sheet, March 2008 invoice **$ 9214.29**

(6) Process Research Associates (aka PRA) - Dec. 2007 invoice $7,333.50
Jan. 2008 invoice $9,351.32
Provided metallurgical testing procedures as requested by Jasman Yee, P. Eng, consulting metallurgist - **$16,684.81**

(7) Terracad GIS Services Ltd. - invoice no. 80060 - $5,730.00
- invoice no. 8001 - $4,470.00
- invoice no. 80062 - $8,015.00
- invoice no. 80063 - $1,538.45

Provided graphic design, printing, formatting, scanning and compilation services, including drawings and images required for technical report. Provided data entry and geographic positioning required for computer-based solid and block modeling and resource calculations that are included in the technical report and will be used in an economic evaluation.
Total amount invoiced **$19,753.45**

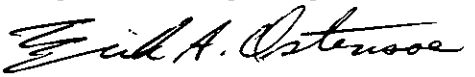
(8) iPL Analytical Laboratories - charges for 79 rock samples analysed for 30 elements by ICP-MS and assorted samples by rock assay methods for silver, lead and zinc - per invoices - **$ 2,823.68**

TOTAL EXPENDITURES **$108,967.61**

Erik A. Ostensoe

4.0 STATEMENTS OF QUALIFICATIONS

Erik A. Ostensoe, P. Geo.
This assessment report was prepared for Huldra Silver Inc. by Erik Ostensoe, P. Geo., a consulting geologist with residence in Vancouver, British Columbia. He is a graduate in Honours Geology of the University of British Columbia (1960) and is a member in good standing of the Association of Professional Engineers and Geoscientists of British Columbia and of the Northwest Territories Association of Professional Engineers and Geoscientists. He has practiced in the field of mineral exploration and mining geology, mainly in North America, for more than forty years and is familiar with methods and requirements of sampling mineral deposits similar to those found at Treasure Mountain, B. C. He carried out the program of check sampling that is described and discussed in the Technical Report that is included with this report and supervised and participated in the Resource Calculation that forms part of that report.



Farshad Shirvani, M. Sc., geologist and GIS specialist - is owner of Terracad GIS Limited, a service company that provides graphic and other services to the mining industry. Mr. Shirvani prepared the Resource Calculation that forms part of the Technical Report that is attached to this report. An M.Sc. graduate of Shiraz University in Shiraz, Iran, he has practiced in the fields of geology and GIS for more than twenty years and is in the process of obtaining membership in the Association of Professional Engineers and Geoscientists of British Columbia.

N

640800 640850 640900 640950 641000 641050

5478850 5478800 5478750

BILL #3
248660

BILL #4
248661

5a 5b 5c 5d

588051 588053 588054 588055 588056 588057 588058 588059

588111 588112 588113 588114

588093 588092 588095 588094 588096 588097 588098 588099

588080 588081 588082 588083 588084 588085 588086 588087 588089 588088 588090 588091

588065 588067 588068 588069 588070 588073 588072 588071 588075 588076 588077 588079

Legend

- Claims
- Map Index
- Underground Outline
- 2007 Sample Trace
- Vein Outline

0 12.5 25 50 Meters

HULDRA SILVER INC.		
HULDRA SILVER PROJECT		
Title: **Level 1 Plan Map**		
Scale: 1:500	Design: -	Figure: 3
Date: Oct, 2008	Drawing: TERRACAD LTD.	Rev: 1.0 NAD 83 Z 10

N

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5478800 5478850 5478750 5478700

REFER TO
248642

BILL #3
248660

BILL #4
248661

SUMMIT
389351

REFER TO
248641

6a

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6b

589466 589465 589467 589468 589469 589470 589471 589473

6c

589460 589461 589462 589463 589464

6d

589451 589452 589453 589454 589455 589456 589457 589458 589459

0 12.5 25 50 Meters

Legend

- Claims
- Map Index
- Underground Outline
- 2007 Sample Trace
- Diamond Drill Hole
- Vein Outline

HULDRA SILVER INC.	
HULDRA SILVER PROJECT	
Title: Level 2 Plan Map	
Scale: 1:650	Figure: 4
Date: Oct, 2008	Drawing: TERRACAD LTD.
Rev: 1.0 NAD 83 Z 10	

2007 Sample	Location	Identity	Width (m)	Silver (opt)	Silver (g/tonne)	Lead %	Zinc %
588051		Wallrock	0.5	0.78	26.8	0.58	0.88
588052		C vein	0.5	7.98	273.6	1.74	6.58
588053		Wallrock	0.94	0.28	9.5	0.04	0.3
588054	portal		0.8	7.33	251.2	1.38	11.02
588055			1	0.17	6	0.08	0.28
588056	portal		0.48	0.20	6.9	0.08	0.38
588057	portal	HW wallrock	1	3.13	107.4	1.24	6.45
588058		FW C vein	0.38	5.25	180	2.59	9.38
588059	portal		0.67	22.40	768.2	9.15	22

640800 5475830 640810 640820 5475840 640830 640840 5475850 640850

640800 5475810 640810 5475800 640900 5475900 641000 5475800 641100

588057 588058 588059 588056 588054 588055 588051 588052 588053

1-3 Nail in Back
1-9 Spad
1-10 Spad
1-5 Nail in Back, Spike in Floor
1-11 Spad
1-12 Spad
1-6 Nail in Back, Spike in Floor
1-4
1-13

1623.783 1621.143 1623.42 1620.61 1623.616 1623.602 1623.84 1621.52 1624.55 1621.23 1622.04

4689 4690 4691 4692 4693 4694 4695 4696 4697 4698 4699 4700 4701A 4702A 4703A 4653 4655 4656 4657 4658 4659 4660 4661 4662 4663 4664 4665 4666 4667 4668 4669 4670 4671 4672 4673 4674 4675 4676 4677

BILL #3 248660
BILL #4 248661
DALE 414693
5a 5b 5c 5d

Legend

- Claims
- Spad
- 1988 Sample Trace
- Underground Outline
- 2007 Sample Trace
- Vein Outline
- Leader

2 1 0 2 4 Meters

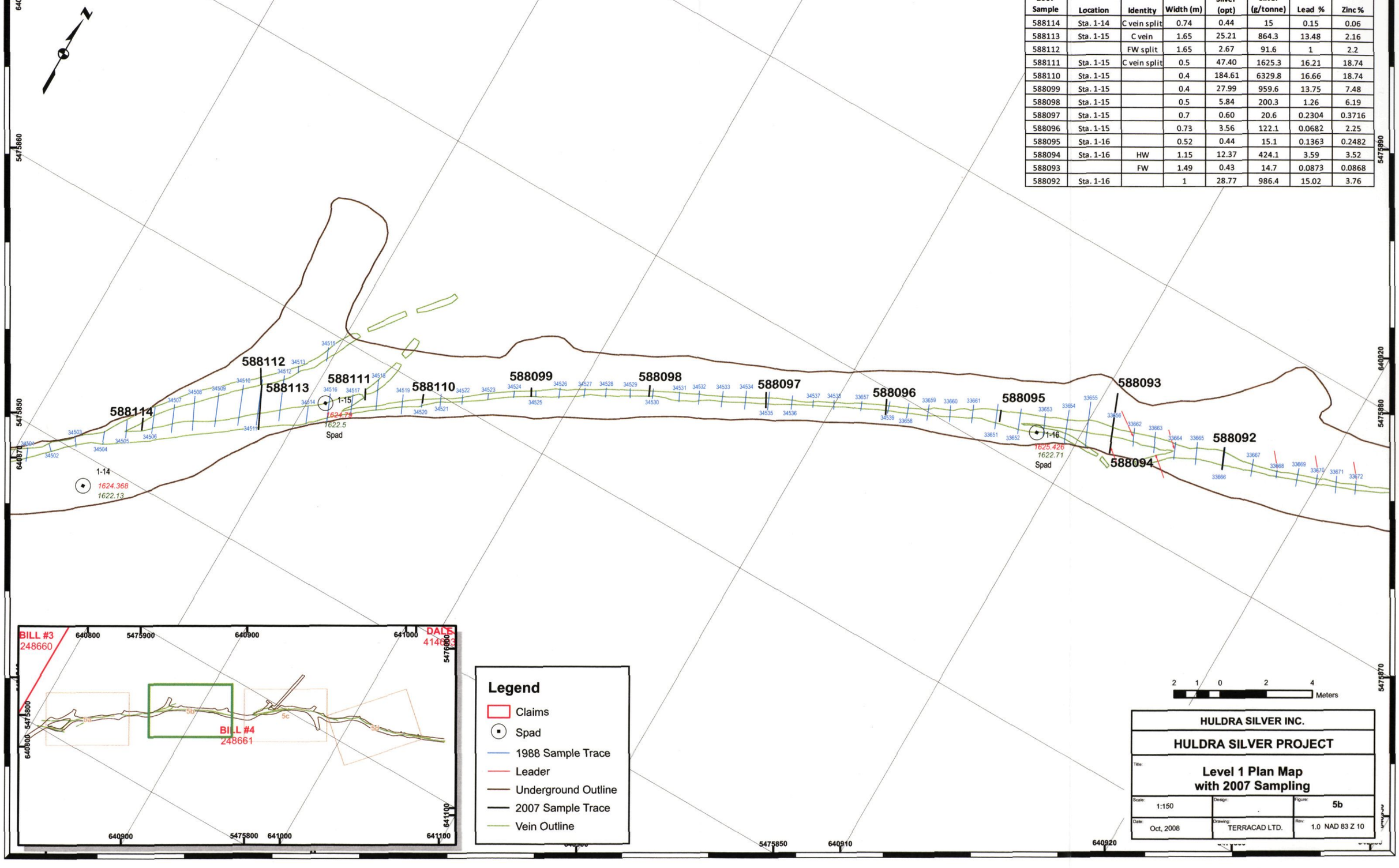
HULDRA SILVER INC.

HULDRA SILVER PROJECT

Title: Level 1 Plan Map with 2007 Sampling

Scale:	Design:	Figure:
1:150		5a
Date: Oct, 2008	Drawing: TERRACAD LTD.	Rev: 1.0 NAD 83 Z 10

2007 Sample	Location	Identity	Width (m)	Silver (opt)	Silver (g/tonne)	Lead %	Zinc %
588114	Sta. 1-14	C vein split	0.74	0.44	15	0.15	0.06
588113	Sta. 1-15	C vein	1.65	25.21	864.3	13.48	2.16
588112		FW split	1.65	2.67	91.6	1	2.2
588111	Sta. 1-15	C vein split	0.5	47.40	1625.3	16.21	18.74
588110	Sta. 1-15		0.4	184.61	6329.8	16.66	18.74
588099	Sta. 1-15		0.4	27.99	959.6	13.75	7.48
588098	Sta. 1-15		0.5	5.84	200.3	1.26	6.19
588097	Sta. 1-15		0.7	0.60	20.6	0.2304	0.3716
588096	Sta. 1-15		0.73	3.56	122.1	0.0682	2.25
588095	Sta. 1-16		0.52	0.44	15.1	0.1363	0.2482
588094	Sta. 1-16	HW	1.15	12.37	424.1	3.59	3.52
588093		FW	1.49	0.43	14.7	0.0873	0.0868
588092	Sta. 1-16		1	28.77	986.4	15.02	3.76



Legend

- Claims
- Spad
- 1988 Sample Trace
- Leader
- Underground Outline
- 2007 Sample Trace
- Vein Outline

HULDRA SILVER INC.

HULDRA SILVER PROJECT

Title: **Level 1 Plan Map with 2007 Sampling**

Scale:	Design:	Figure:
1:150	.	5b
Date: Oct, 2008	Drawing: TERRACAD LTD.	Rev: 1.0 NAD 83 Z 10

2007 Sample	Location	Identity	Width (m)	Silver (opt)	Silver (g/tonne)	Lead %	Zinc %
588080			0.6	6.11	209.6	8.73	0.6506
588081	Sta. 1-19		1.35	1.10	37.7	0.1898	0.3163
588082			0.3	40.26	1380.3	10.04	16.18
588083			1.05	48.99	1679.6	13.56	4.35
588084			1.05	6.24	213.9	1.21	12.48
588085	Sta. 1-18		1.15	3.09	105.8	0.5761	6.38
588086		FW	1	0.94	32.4	0.2459	1.98
588087	Sta. 1-18	HW	0.55	5.36	183.9	5.68	4.45
588088	Sta. 1-18		1.6	4.94	169.3	1.2	8.57
588089	Sta. 1-18		1	0.33	11.2	0.095	0.2337
588090	Sta. 1-18		0.55	9.27	317.9	3.48	0.5883
588091	Sta. 1-17		1.4	5.33	182.6	2.65	14.27

5475900 640930 640940 5475910 640950 640960 640970

5475890 5475920 640930 640980 5475880 5475910

588089 588086 588084 588082 588081 588080

588088 588083 588087 588085

588090 588091

1-18 1625.711 1623.33 Spad

1-19 1626.236 1623.84 Spad

1-20 1626.628 1623.89 Spad

1-17 1625.388 1623.09 Spad

Raise

640800 5475900 640900 641000 5476000 640800 5475800 640900 5475800 641000 641100

5a 5b 5c 5d

Legend

- Claims
- Spad
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5475880 640970 640980

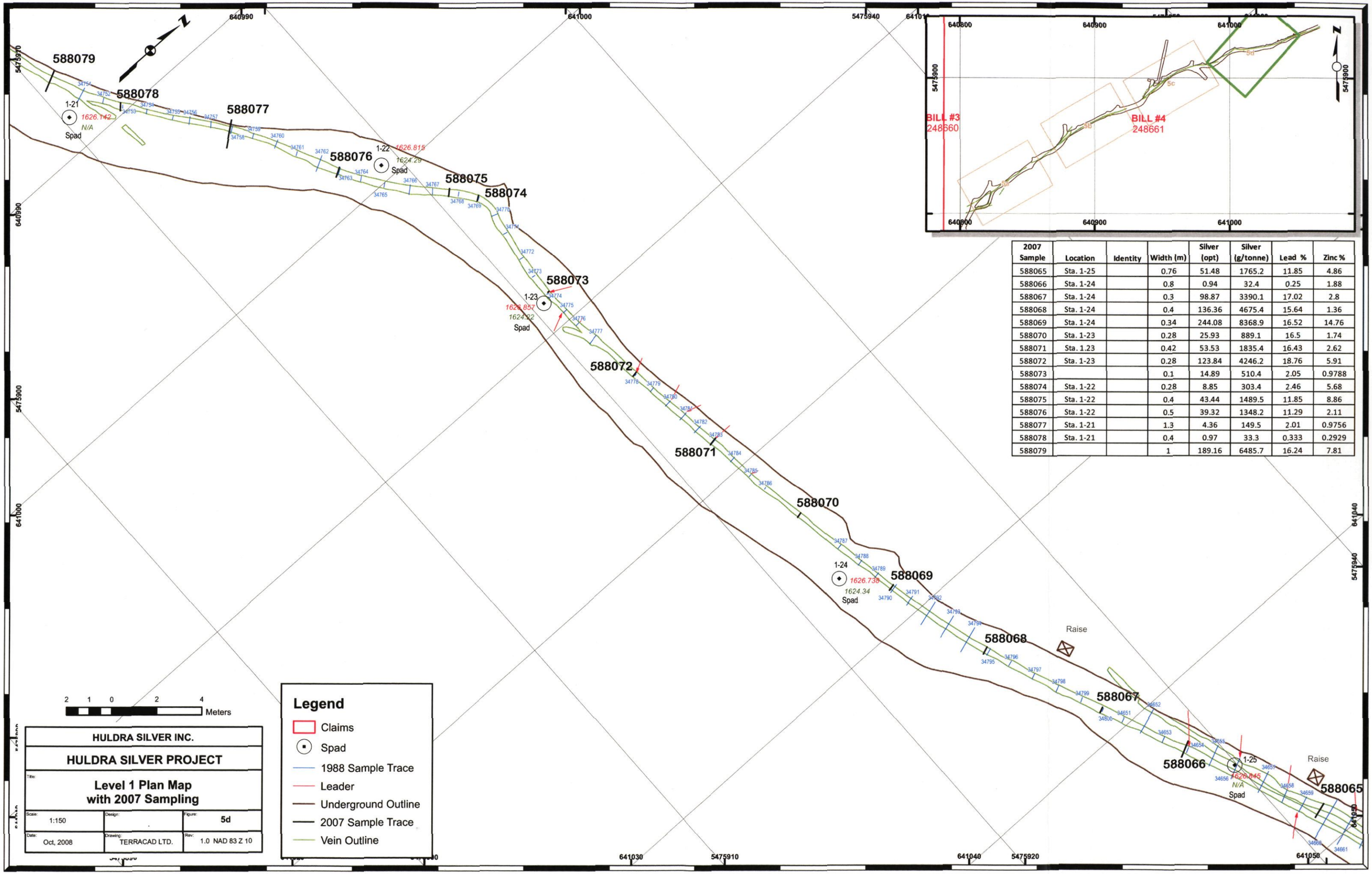
2 1 0 2 4 Meters

HULDRA SILVER INC.

HULDRA SILVER PROJECT

Title: **Level 1 Plan Map with 2007 Sampling**

Scale:	Design:	Figure:
1:150	-	5c
Date: Oct, 2008	Drawing: TERRACAD LTD.	Rev: 1.0 NAD 83 Z 10



2007 Sample	Location	Identity	Width (m)	Silver (opt)	Silver (g/tonne)	Lead %	Zinc %
588065	Sta. 1-25		0.76	51.48	1765.2	11.85	4.86
588066	Sta. 1-24		0.8	0.94	32.4	0.25	1.88
588067	Sta. 1-24		0.3	98.87	3390.1	17.02	2.8
588068	Sta. 1-24		0.4	136.36	4675.4	15.64	1.36
588069	Sta. 1-24		0.34	244.08	8368.9	16.52	14.76
588070	Sta. 1-23		0.28	25.93	889.1	16.5	1.74
588071	Sta. 1.23		0.42	53.53	1835.4	16.43	2.62
588072	Sta. 1-23		0.28	123.84	4246.2	18.76	5.91
588073			0.1	14.89	510.4	2.05	0.9788
588074	Sta. 1-22		0.28	8.85	303.4	2.46	5.68
588075	Sta. 1-22		0.4	43.44	1489.5	11.85	8.86
588076	Sta. 1-22		0.5	39.32	1348.2	11.29	2.11
588077	Sta. 1-21		1.3	4.36	149.5	2.01	0.9756
588078	Sta. 1-21		0.4	0.97	33.3	0.333	0.2929
588079			1	189.16	6485.7	16.24	7.81

2 1 0 2 4 Meters

HULDRA SILVER INC.

HULDRA SILVER PROJECT

Title: **Level 1 Plan Map with 2007 Sampling**

Scale:	Design:	Figure:
1:150		5d
Date:	Drawing:	Rev:
Oct, 2008	TERRACAD LTD.	1.0 NAD 83 Z 10

Legend

- Claims
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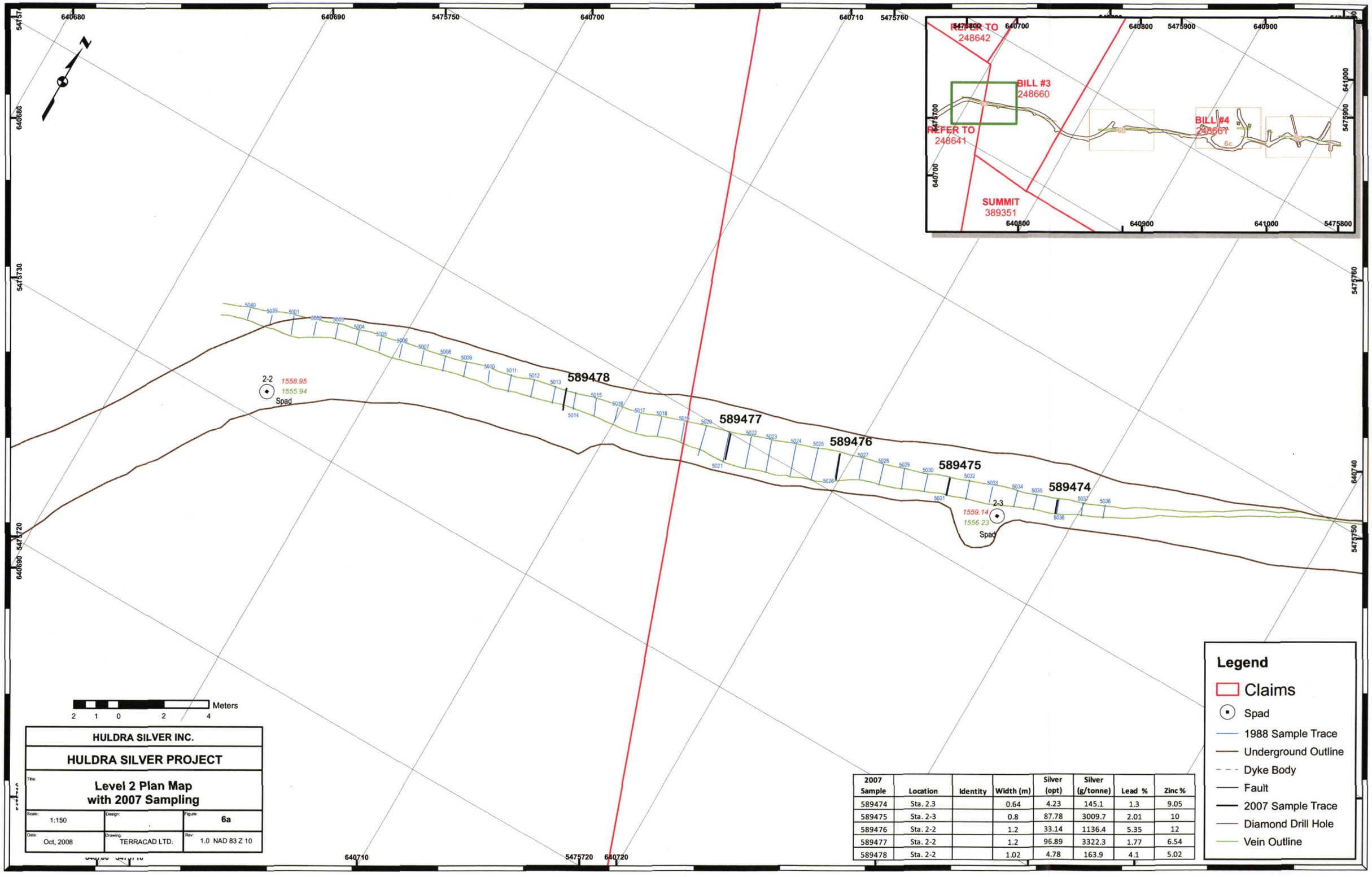
- 2007 Sample Trace
- Vein Outline

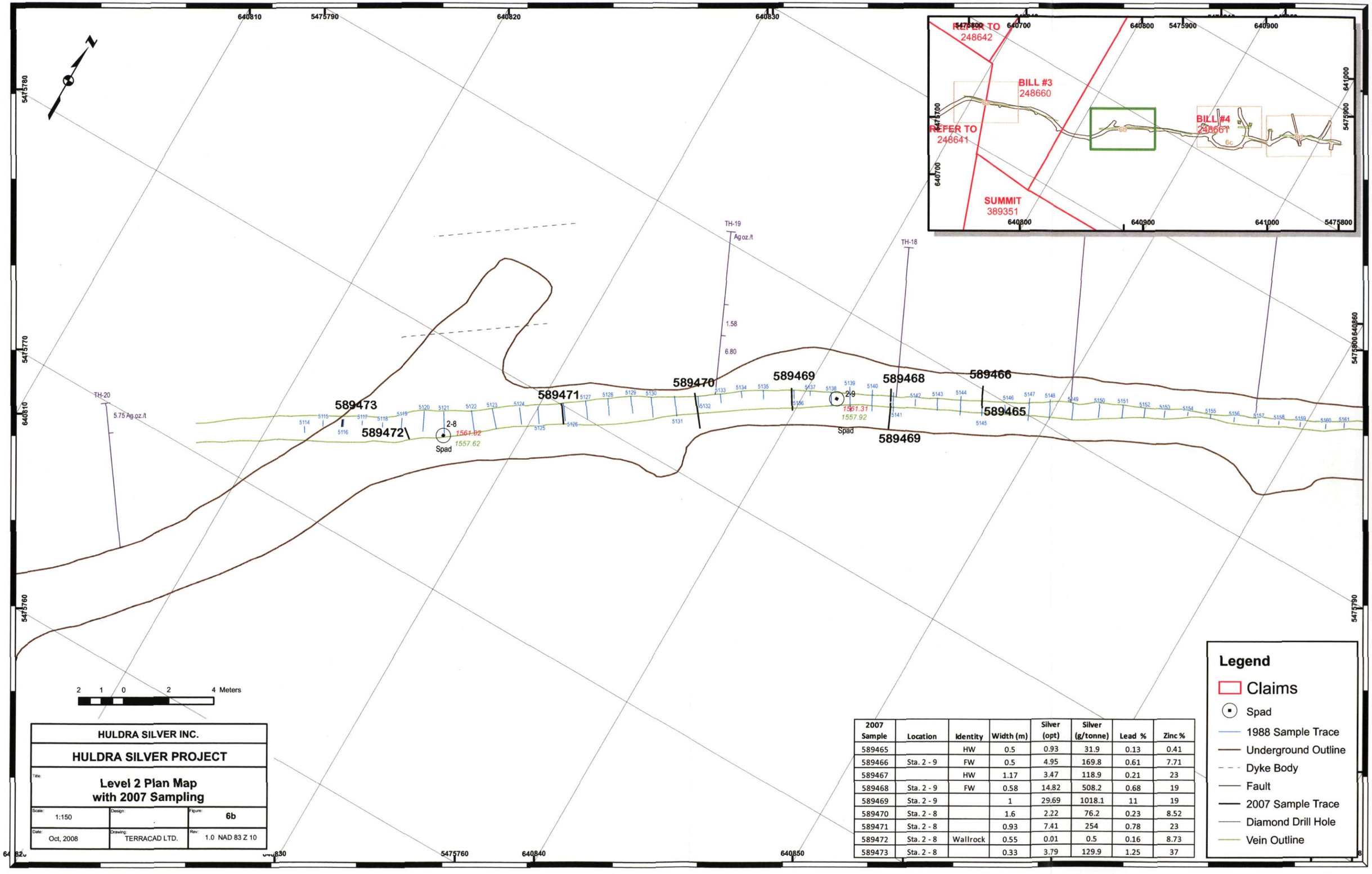


HULDRA SILVER INC.		
HULDRA SILVER PROJECT		
Title: Level 2 Plan Map with 2007 Sampling		
Scale: 1:150	Design:	Figure: 6a
Date: Oct, 2008	Drawing: TERRACAD LTD.	Rev: 1.0 NAD 83 Z 10

2007 Sample	Location	Identity	Width (m)	Silver (opt)	Silver (g/tonne)	Lead %	Zinc %
589474	Sta. 2.3		0.64	4.23	145.1	1.3	9.05
589475	Sta. 2-3		0.8	87.78	3009.7	2.01	10
589476	Sta. 2-2		1.2	33.14	1136.4	5.35	12
589477	Sta. 2-2		1.2	96.89	3322.3	1.77	6.54
589478	Sta. 2-2		1.02	4.78	163.9	4.1	5.02

Legend

- Claims
- Spad
- 1988 Sample Trace
- Underground Outline
- Dyke Body
- Fault
- 2007 Sample Trace
- Diamond Drill Hole
- Vein Outline



HULDRA SILVER INC.		
HULDRA SILVER PROJECT		
Title: Level 2 Plan Map with 2007 Sampling		
Scale: 1:150	Design:	Figure: 6b
Date: Oct, 2008	Drawing: TERRACAD LTD.	Rev: 1.0 NAD 83 Z 10

2007 Sample	Location	Identity	Width (m)	Silver (opt)	Silver (g/tonne)	Lead %	Zinc %
589465		HW	0.5	0.93	31.9	0.13	0.41
589466	Sta. 2 - 9	FW	0.5	4.95	169.8	0.61	7.71
589467		HW	1.17	3.47	118.9	0.21	23
589468	Sta. 2 - 9	FW	0.58	14.82	508.2	0.68	19
589469	Sta. 2 - 9		1	29.69	1018.1	11	19
589470	Sta. 2 - 8		1.6	2.22	76.2	0.23	8.52
589471	Sta. 2 - 8		0.93	7.41	254	0.78	23
589472	Sta. 2 - 8	Wallrock	0.55	0.01	0.5	0.16	8.73
589473	Sta. 2 - 8		0.33	3.79	129.9	1.25	37

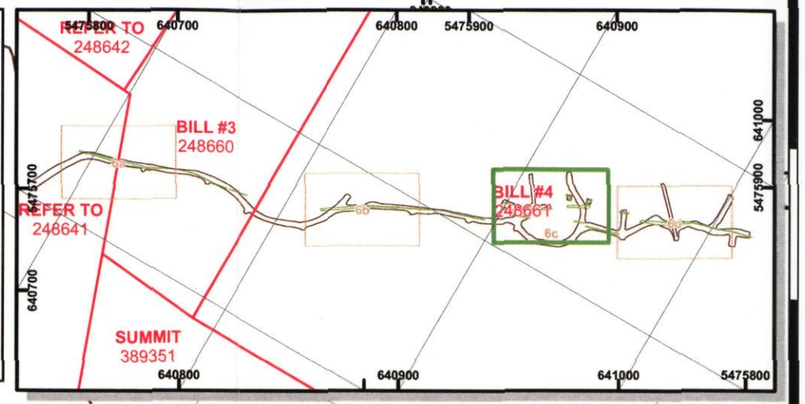
Legend

- Claims
- Spad
- 1988 Sample Trace
- Underground Outline
- Dyke Body
- Fault
- 2007 Sample Trace
- Diamond Drill Hole
- Vein Outline

2007 Sample	Location	Identity	Width (m)	Silver (opt)	Silver (g/tonne)	Lead %	Zinc %
589457				9.74	334.1	2.09	6.46
589458	in crosscut	FW	0.74	70.00	2400.3	2.29	13.78
589459	west	HW	0.65	2.12	72.7	0.48	0.6035
589460	end of drift	C vein	0.9	15.30	524.5	0.28	14.64
589461	in parallel drift	C vein	0.68	9.97	341.7	0.58	1.62
589462	stub		1.85	17.19	589.5	1.6	15.77
589463	stub	HW	1	0.87	29.8	0.04	5.42
589464		FW	1.6	28.33	971.2	0.09	18

Legend

- Claims
- Spad
- 1988 Sample Trace
- Underground Outline
- Dyke Body
- Fault
- 2007 Sample Trace
- Diamond Drill Hole
- Vein Outline



589463 589464 589462 589461 589460 589457 589458 589459

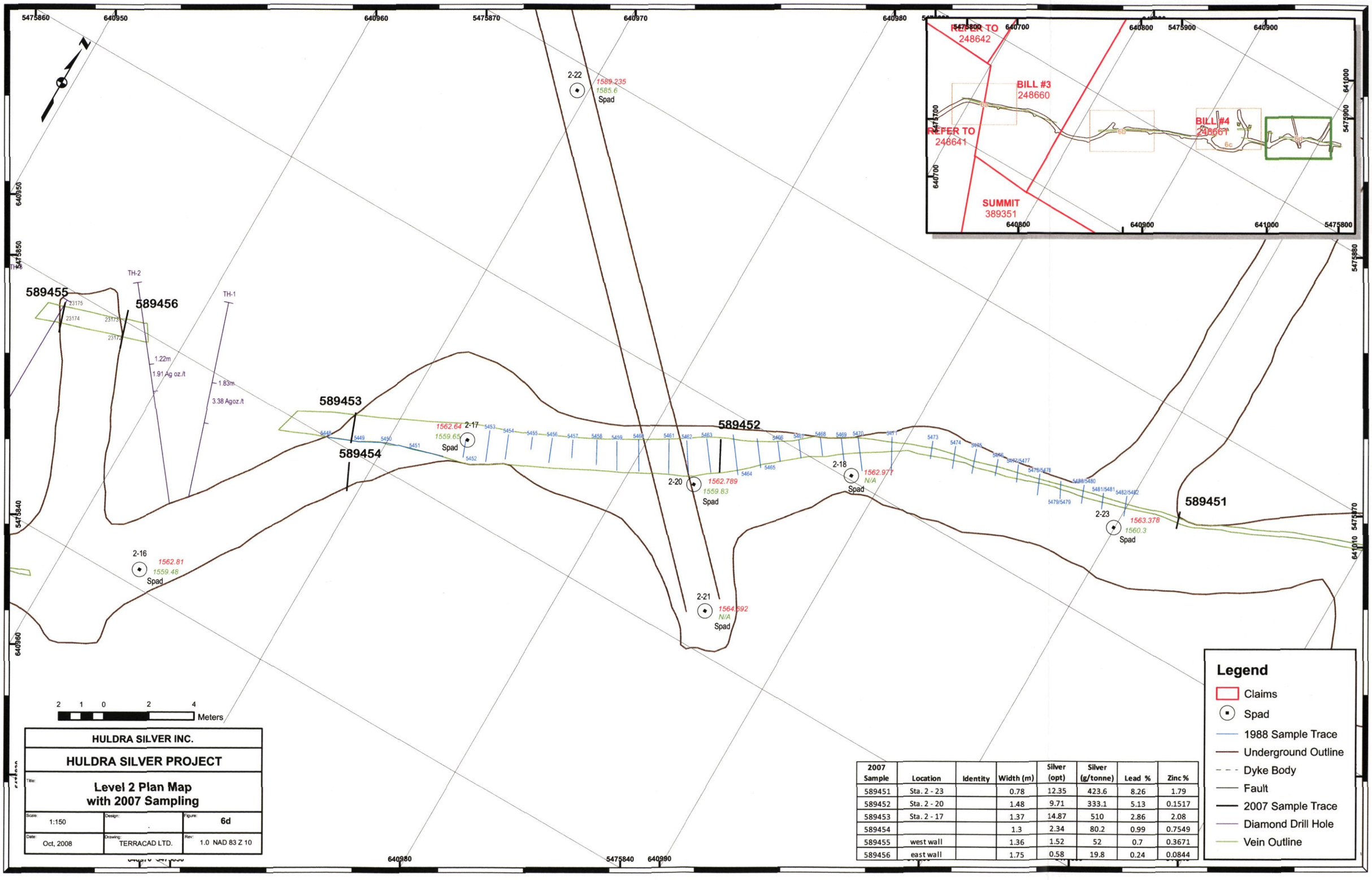
TH-10 2.44m 48.42 Ag oz./t
TH-9 1.22m 5.57 Ag oz./t
TH-8
TH-7 1.22m 5.43 Ag oz./t
TH-6
TH-5

23159 23160 23161 23162 23163 23164 23165 23166 23167 23168 23169 23170

2-24 1561.963 1559.04 Spad
2-25 1562.395 1559.45 Spad
2-19 1561.983 1558.93 Spad
2-12 1562.19 1558.75 Spad
2-13 1561.91 1558.95
2-26 1562.4 1559.48 Spad
2-15 1562.45 1559.66 Spad

2 1 0 2 4 Meters

HULDRA SILVER INC.		
HULDRA SILVER PROJECT		
Title: Level 2 Plan Map with 2007 Sampling		
Scale: 1:150	Design:	Figure: 6c
Date: Oct, 2008	Drawing: TERRACAD LTD.	Rev: 1.0 NAD 83 Z 10



2007 Sample	Location	Identity	Width (m)	Silver (opt)	Silver (g/tonne)	Lead %	Zinc %
589451	Sta. 2 - 23		0.78	12.35	423.6	8.26	1.79
589452	Sta. 2 - 20		1.48	9.71	333.1	5.13	0.1517
589453	Sta. 2 - 17		1.37	14.87	510	2.86	2.08
589454			1.3	2.34	80.2	0.99	0.7549
589455	west wall		1.36	1.52	52	0.7	0.3671
589456	east wall		1.75	0.58	19.8	0.24	0.0844

Jasman Yee & Associates Inc.
6698 Lochdale Street
Burnaby, BC, Canada
V5B 2M8
Phone: 604 420-4772

Confirmatory Metallurgical Testwork on Huldra Silver's Treasure Mountain Project Hope, BC

Prepared for

Mr. Peter Lighthall

AMEC Earth & Environmental

2227 Douglas Road

Burnaby, B.C.

Canada V5C 5A9

By

Jasman Yee,
P. Eng

February 15, 2008

Table of Contents

1.0 Introduction

In an email message dated June 18, 2007, Peter Lighthall of Amec, Inc. indicated that Huldra was ready to advance to the next development phase for their Treasure Mountain Project. As part of the new work program, he requested confirmatory metallurgical testwork and developing representative tailings samples to be used in support of permitting.

The objective of the new test program was to:

1. Obtain representative ore sample from the mine
2. Duplicate the bench scale testing that was used as the basis for flow sheet development and to generate samples of tailings for the following:

- Acid drainage potential testing
- Tailings water quality determinations
- Treatability assessment of the tailings water to meet CCME and BC discharge standards
- Solid-liquid separation testing to confirm that the tailings can be filtered for the dry stack

This report deals with the confirmatory metallurgical testwork used in developing the original flowsheet; producing representative tailings solids and liquids for further testing under the supervision of Fred Sverre of Entech Environmental Consultants Ltd.; and to confirm that the tailings produced can be filtered and stacked based on the results of the thickening and filtration testwork.

2.0 Summary and Conclusions

A summary of the results of the testwork performed at PRA together with the conclusions drawn are provided below:

1. Confirmatory testwork on a new composite of freshly collected samples from level 1 and level 2 adits at the Treasure Mountain Project site concluded that the flowsheet used in the study of 2006 is viable.
2. The assumed work index of 13.0(Imperial) used in the power calculations to size the grinding power requirement was confirmed. Ball mill work index obtained in the test at PRA was 12.6(Imperial) or 13.9(metric).
3. The sphalerite mineral in the new composite tested was not as active as the sample used in the Orocon study.
4. Use of zinc sulfate as a zinc depressant in the lead float was effective and a lower dosage can be used without decreasing the zinc recovery to the zinc concentrate product.
5. Sodium metabisulfite or sulfur dioxide equivalent was also tested and found to effective as well in depressing zinc in the lead flotation circuit.
6. The above two items suggest they are options available in the event soluble zinc concentrations in the tailings pond are unacceptable for direct discharge to the receiving environment.
7. The lead and silver head grades tested are slightly higher than the estimated ore resource grade and can be responsible for the higher lead and silver recoveries obtained in the lock cycle results. These recoveries are higher than the projected recoveries used in the 2006 study. However, the lead concentrate grade is lower than the projected grade.
8. The zinc concentrate grade and recovery are similar to the projected figures used in the 2006 study.
9. Other potential payable elements in the zinc concentrate were assayed. The elements of interest were indium, germanium and cadmium. The assays of these three elements produced from the locked cycle tests were less than 5g/t, less than 5g/t and about 0.65% respectively.
10. Settling testwork on the flotation tailings indicates flocculent is required to produce faster settling rates and clearer overflows than unflocculated tailings. The calculated thickener area requirement with flocculation is 0.56 m^2/tonne-day of solids. Without flocculent, the thickener area requirement would be ten times larger.
11. Vacuum filtration on the settled product produced a cake with about 20% moisture. It would appear based on the cake characteristics that this cake can be dry-stacked. However, optimization tests are required to confirm the finding as the filtration rate was medium to slow probably due to the fabric used. Besides further testwork would be required in sizing the filter for this application.
12. Samples of tailings solids and liquids from the lock cycle series of tests were composited and shipped to Cantest for environmental testing under the direction of Fred Sverre of Entech Environmental Consultants Ltd.
13. In addition, a composite head sample used in the metallurgical test program was sent to Ms. Emily Chastain of Amec Earth and Environmental for ABA testwork.

3.0 Sample Collection

The samples used for the test program was collected by Erik Ostensoe in July of last year. He sampled the entire underground workings of levels 1 and 2 and the East and West drifts. Entire details such as sample locations and the individual assays can be found in his report. It was unfortunate access to level 3 was not possible as those workings were still flooded at the time of sampling and permission to access was not granted by the Ministry of Energy and Mines due to safety reasons.

A list of the sample assay rejects used for this metallurgical test program together with their weights is documented in PRA's receiving log sheet which is provided in Appendix 1 of this report.

4.0 Head Assay Results

The assays of the individual samples collected by Erik Ostensoe were analysed at IPL and are presented in his report. The locations of these samples together with a drawing showing where these samples were taken are also discussed in his report.

5.0 Metallurgical Test Composite Sample

Prior to testing, PRA was instructed to prepare 4 composites from the different working areas for head assays only. The objective was to ratio the weights for these 4 different areas such that an overall ore grade matching the ore resource grade would be met and it would closely resemble a representative sample.

The instructions for preparing these 4 composites with their designated names and the tag numbers used are provided below:

Level 1 East Composite: Sample numbers 588065 to 588079

Level 1 West Composite: Sample numbers 588051 to 588059, 588080 to 588100 and 588111 to 588115

Level 2 East Composite: Sample numbers 589451 to 589464

Level 2 West Composite: Sample numbers 589465 to 589478.

The sample with no name was not used.

Assays for these 4 composite samples are provided in the table below:

Sample Name	SampleType	Ag g/mt	Ag ppm	Pb %	Zn %
L1 East Comp	Pulp	3045.2	2499.0	20.15	4.67
L1 West Comp	Pulp	--	693.2	5.51	6.18
L2 East Comp	Pulp	--	514.0	1.64	7.11
L2 West Comp	Pulp	--	493.0	2.12	14.92

There are two columns for silver assays. The first column is silver by fire assay with a gravimetric finish; the second is silver using acid digestion and ICP. For very high silver assays, the fire assay with a gravimetric finish is more reliable.

Based on the above composite assays, an overall or master composite for metallurgical testing was prepared according to the following instructions:

1 part of level 1 east
1 part of level 2 west
2 parts of level 1 west
2 parts of level 2 east

The objective was to ensure that the test composite would be representative of the grade of ore in the reserve estimation and closely resemble the lead to zinc ratio.

5.1 Master Composite Head Assay

The master composite head assays were performed in duplicate and the main assays are listed in the table below. Additional details on the head assays are provided in Appendix 2.

PRA

HEAD ASSAY REPORT

Client: Huldra **Date:** 5-Nov-07
Sample: as specified **Project:** 0707109

Elements	Units	Sample ID		Detection Limits		Analytical
		Composite	RE Composite	Min.	Max.	Method
Au	g/mt	0.16	0.16	0.01	5000	FA/AAS
Ag	ppm	943.6	952.7	0.50	1000	MuAICP
Pb	%	7.23	7.20	0.01	20	AsyMuA
Ox.Pb	%	0.19	0.18	0.01	100	AsyLeh
Zn	%	7.88	7.88	0.01	20	MuAICP
Ox.Zn	%	0.15	0.14	0.01	100	AsyLeh
S(tot)	%	6.87	6.92	0.01	20	Leco
S(-2)	%	6.77	6.81	0.01	100	AsyWet

The lead and silver grades were slightly higher than expected but would be suitable for meeting the prescribed metallurgical and environmental testing objectives. Oxidized lead and zinc assays were also performed to determine the degree of oxidation that had taken place since the sample was taken. The values in both cases were very low indicating minimal oxidation.

5.2 Whole Rock Analyses

Whole rock analyses was performed on the master composite and the results indicate the major mineral was silica at 41.7% followed by oxides of iron, aluminum, manganese, potassium and calcium in decreasing order. The quantity of the manganese oxide was not as substantial as was originally expected based on visual examination of the ore zones during sampling.

Complete details of the whole rock analyses can be found in Appendix 3.

5.3 Work Index

The Bond ball mill work index was determined on the master composite sample at a closing screen size of 74 microns. The work index for the sample was 13.9kWh/tonne of feed under simulated steady state conditions. The test was performed with six cycles to stabilize the circulating loads. Details of the test and data are provided in Appendix 4.

5.4 Flotation

The base case test was F1 and the procedure used was a grind of 70% passing 200mesh with zinc sulphate, soda ash, potassium ethyl xanthate and DF250 in the lead float. Lime to pH 11.0, copper sulphate to activate zinc and sodium isopropyl xanthate was used in the zinc float.

Procedure for F2 was similar to F1 but without any zinc sulfate and a lower lead float pH of 7 rather than 9.5.

F3 was similar to F2 but 100g/t of sodium metabisulfite was used for depressing zinc in the lead float.

Test F4 was similar to F1 but the zinc sulfate addition was reduced by a half and the lead float was performed at pH 7.5.

Results of the four tests are summarized in the table below followed by comments after each phase of flotation:

Summary of Flotation Tests Results

Combined Lead Rougher/Scavenger Flotation Results

Test #	Weight		Assay				Distribution			
			Ag	Pb	Zn	S	Ag	Pb	Zn	S^{-2}
	g	%	g/t	%	%	%	%	%	%	%
F1	**445.4**	**22.9**	**4024.3**	**26.92**	**6.24**	**13.4**	**98.6**	**97.7**	**19.9**	**46.7**
F2	369.2	19.1	4542.1	31.99	16.81	19.6	97.5	97.4	41.7	56.8
F3	312.5	15.8	5879.8	41.79	10.86	20.7	96.5	97.2	22.5	46.2
F4	**292.5**	**15.0**	**5068.5**	**37.40**	**6.02**	**16.8**	**93.1**	**96.1**	**13.3**	**39.8**

The high lead float pH of 9 in test 1 resulted in more mass pull to concentrate
Zinc sulfate was more effective than sodium metabisulfite in depressing zinc in the lead float.

Combined Zinc Rougher/Scavenger Flotation Results

Test #	Weight		Assay				Distribution			
			Ag	Pb	Zn	S	Ag	Pb	Zn	S^{-2}
	g	%	g/t	%	%	%	%	%	%	%
F1	**296.8**	**15.2**	**44.2**	**0.23**	**37.03**	**21.6**	**0.7**	**0.6**	**78.9**	**50.2**
F2	245.7	12.7	71.1	0.38	34.56	20.6	1.0	0.8	57.1	39.9
F3	290.5	14.7	130.3	0.76	39.94	23.5	2.0	1.7	76.9	48.8
F4	**284.4**	**14.6**	**99.7**	**0.58**	**39.60**	**24.1**	**1.8**	**1.5**	**85.1**	**55.4**

Higher zinc recoveries were achieved using zinc sulfate in the lead float

Combined Lead & Zinc Flotation Concentrate

Test #	Weight		Assay				Distribution			
			Ag	Pb	Zn	S	Ag	Pb	Zn	S^{-2}
	g	%	g/t	%	%	%	%	%	%	%
F1	**742.2**	**38.1**	**2432.7**	**16.25**	**18.55**	**16.7**	**99.3**	**98.2**	**98.8**	**97.0**
F2	614.9	31.8	2755.5	19.36	23.90	20.0	98.5	98.2	98.8	96.8
F3	**603.0**	**30.5**	**3109.8**	**22.03**	**24.87**	**22.1**	**98.5**	**98.9**	**99.5**	**95.0**
F4	576.9	29.6	2618.7	19.24	22.58	20.4	94.9	97.6	98.3	95.1

Use of metabisulfite in test F3 provided the best concentrate products

Final Flotation Tail

Test #	Weight		Assay				Distribution			
			Ag	Pb	Zn	S	Ag	Pb	Zn	S^{-2}
	g	%	g/t	%	%	%	%	%	%	%
F1	**1,204.4**	**61.9**	**10.9**	**0.18**	**0.14**	**0.3**	**0.7**	**1.8**	**1.2**	**3.0**
F2	1,317.1	68.2	19.7	0.17	0.14	0.3	1.5	1.8	1.2	3.2
F3	1,371.3	69.5	21.3	0.11	0.06	0.5	1.5	1.1	0.5	5.0
F4	1,374.1	70.4	59.2	**0.20**	**0.16**	**0.4**	**5.1**	**2.4**	**1.7**	**4.9**

The silver recovery for test 4 appears to be off due to the poor check on the metallurgical balance.
The balance for the other elements such as lead, zinc and sulfur check very well.

Details of the individual test procedures, results and size analysis can be found in Appendix 5.

5.5 Lock Cycle Test

The lock cycle results show good concentrates can be produced at better than expected recoveries by using recycled water from the previous cycle. There does not appear to be any deleterious effect on the metallurgy with using recycled water. Hence, there is the possibility of reducing reagents further during the next phase of the project's development program.

The combined lead concentrate grade for cycles 4, 5 and 6 was 46.76%Pb, 7.554kg Ag/t with recoveries of 95.4% and 96.6% lead and silver respectively. The combined zinc concentrate for cycles 4, 5 and 6 was 54.76% and the recovery was 83.8%

Agreement of the silver, zinc and sulfur back calculated assays with the actual assayed head values are good and the grades and recoveries for these elements can be relied on with confidence. However, the check on the assayed head assay for lead with the back calculated assay is not as good. The lead recovery is therefore slightly biased on the high side and the lead concentrate assay could be biased on the low side. In any case the overall results are slightly better than the projected figures used in the 2006 report.

The lock cycle tests also demonstrated that the volume of the lead and zinc cleaner recycle streams will be very low.

In addition to regular assays used in the metallurgical balance, additional assays for indium, germanium and cadmium in the zinc concentrates were requested as these are potential payable elements in the zinc product. The assays of indium, germanium and cadmium are less than 5ppm, less than 5ppm and about 58ppm respectively.

Complete details of the lock cycle tests are provided in Appendix 6.

5.6 Thickening and Filtration

Two settling tests, one without flocculent and one with 40g/L P351 flocculent, were conducted on a split of the combined locked cycle zinc flotation tails. The pH of the sample tested dropped to 8.3 from 11.0 when left standing for a few days before the settling tests were conducted.

The initial settling rate without flocculent was 0.3m/day whereas with flocculent, the settling was about 10 times faster at 3.3m/day. Also the unit area requirement to produce an underflow density of 50% was 5.18m^2/tpd without flocculent and 0.56m^2/tpd with flocculent.

The thickening tests suggest flocculent would be required in the plant operation but optimization of flocculent usage and pH would be required in future test programs.

Details of the thickening tests and data are provided in Appendix 7

A vacuum filtration test was performed on the flocculated settled sludge from the thickening tests. The filter feed density was 50% solids and the filtration rate for solids was 148.3 kg/m^2/h and 102 L/m^2/h for liquids. The cake moisture was 19.6% and the filtrate was clear. The test demonstrated that the flocculated zinc tailings can be filtered with some difficulty and the characteristics of the filtered product suggests it is stackable. However, the filtration rate is slow and a larger than normal filter would be required for this application. It is recommended that optimization testwork is required in the final sizing of the filter together with a better selection of the filter medium.

The filtration test report is provided in Appendix 8.

6.0 Environmental Testing

Approximately 17 liters of zinc flotation tailings from the locked cycle series of test were sent for environmental testing on January 11th, 2008. The tailings pulps from the six cycles were composited and a summary of the analytical results of the solids are provided in the table below:

	Assays			
Product	Ag	Pb	Zn	S(T)
Flotation Tails	g/t	%	%	%
Zn Tails, Cycle 1	16.5	0.22	0.22	0.45
Zn Tails, Cycle 2	18.6	0.27	0.16	0.47
Zn Tails, Cycle 3	29.1	0.24	0.28	0.48
Zn Tails, Cycle 4	25.9	0.24	0.17	0.38
Zn Tails, Cycle 5	29.6	0.30	0.20	0.53
Zn Tails, Cycle 6	15.9	0.26	0.22	0.45
Total Zn Flotation Tails	22.6	0.26	0.21	0.46

These tailings solids would closely resemble the tailings product from the operating plant. The solids and the liquids were sent to:

CANTEST LTD
4606 Canada Way
Burnaby, BC V5G 1K5
Tel: 604 734 7276
Fax: 604 731 2386

Attention: Mr. Tim O'Hearn

These were the instructions of Fred Sverre of Entech Environmental Consultants Ltd.

In addition to the tailings sample, a cut of the head sample used in the locked cycle test was also sent for environmental ABA testing. This sample was sent to:

Amec Earth and Environmental
2227 Douglas Road
Burnaby, BC
V5C 5A9

Attn: Ms. Emily Chastain.

SAMPLE RECEIVING LOG SHEET

Receiving Date: 4-Oct-07	**Project No:** 0707109
Carrier: From iPL to PRA	**Client:** Huldra
Receiver: On Han Pin	**Page:** 1 of 4

Count	Sample Label	Container Type	Sample Type (C, R, P, Sl, S)	Wet /Dry	Top Size	Weight (kg)
1	588051	Paper Bag	P	Dry	2#	1.0
2	588052	Paper Bag	P	Dry	2#	0.9
3	588053	Paper Bag	P	Dry	2#	1.0
4	588054	Paper Bag	P	Dry	2#	0.5
5	588055	Paper Bag	P	Dry	2#	0.6
6	588056	Paper Bag	P	Dry	2#	0.6
7	588057	Paper Bag	P	Dry	2#	0.6
8	588058	Paper Bag	P	Dry	2#	0.9
9	588059	Paper Bag	P	Dry	2#	1.3
10	588065	Paper Bag	P	Dry	2#	1.1
11	588066	Paper Bag	P	Dry	2#	0.8
12	588067	Paper Bag	P	Dry	2#	1.3
13	588068	Paper Bag	P	Dry	2#	1.4
14	588069	Paper Bag	P	Dry	2#	1.2
15	588070	Paper Bag	P	Dry	2#	0.9
16	588071	Paper Bag	P	Dry	2#	0.7
17	588072	Paper Bag	P	Dry	2#	0.7
18	588073	Paper Bag	P	Dry	2#	0.7
19	588074	Paper Bag	P	Dry	2#	1.0
20	588075	Paper Bag	P	Dry	2#	0.8
						17.7

Note :

Core, Rock, Pulp, Slurry, Solution

SAMPLE RECEIVING LOG SHEET

Receiving Date: 4-Oct-07	**Project No:** 0707109
Carrier: From iPL to PRA	**Client:** Huldra
Receiver: On Han Pin	**Page:** 2 of 4

Count	Sample Label	Container Type	Sample Type (C, R, P, SI, S)	Wet /Dry	Top Size	Weight (kg)
21	588076	Paper Bag	P	Dry	2#	1.9
22	588077	Paper Bag	P	Dry	2#	2.2
23	588078	Paper Bag	P	Dry	2#	1.5
24	588079	Paper Bag	P	Dry	2#	1.3
25	588080	Paper Bag	P	Dry	2#	0.8
26	588081	Paper Bag	P	Dry	2#	1.5
27	588082	Paper Bag	P	Dry	2#	0.7
28	588083	Paper Bag	P	Dry	2#	1.1
29	588084	Paper Bag	P	Dry	2#	1.2
30	588085	Paper Bag	P	Dry	2#	1.3
31	588086	Paper Bag	P	Dry	2#	1.1
32	588087	Paper Bag	P	Dry	2#	2.0
33	588088	Paper Bag	P	Dry	2#	1.4
34	588089	Paper Bag	P	Dry	2#	1.7
35	588090	Paper Bag	P	Dry	2#	0.9
36	588091	Paper Bag	P	Dry	2#	1.1
37	588092	Paper Bag	P	Dry	2#	3.6
38	588093	Paper Bag	P	Dry	2#	1.5
39	588094	Paper Bag	P	Dry	2#	1.2
40	588095	Paper Bag	P	Dry	2#	1.3
						29.0

Note :

Core, Rock, Pulp, Slurry, Solution

SAMPLE RECEIVING LOG SHEET

Receiving Date: 4-Oct-07	**Project No:** 0707109
Carrier: From iPL to PRA	**Client:** Huldra
Receiver: On Han Pin	**Page:** 3 of 4

Count	Sample Label	Container Type	Sample Type (C, R, P, SI, S)	Wet /Dry	Top Size	Weight (kg)
41	588096	Paper Bag	P	Dry	2#	1.9
42	588097	Paper Bag	P	Dry	2#	1.9
43	588098	Paper Bag	P	Dry	2#	1.9
44	588099	Paper Bag	P	Dry	2#	1.8
45	588100	Paper Bag	P	Dry	2#	1.6
46	588111	Paper Bag	P	Dry	2#	2.2
47	588112	Paper Bag	P	Dry	2#	0.7
48	588113	Paper Bag	P	Dry	2#	1.6
49	588114	Paper Bag	P	Dry	2#	0.5
50	588115	Paper Bag	P	Dry	2#	0.6
51	589451	Paper Bag	P	Dry	2#	2.6
52	589452	Paper Bag	P	Dry	2#	2.8
53	589453	Paper Bag	P	Dry	2#	4.2
54	589454	Paper Bag	P	Dry	2#	2.3
55	589455	Paper Bag	P	Dry	2#	3.2
56	589456	Paper Bag	P	Dry	2#	2.9
57	589457	Paper Bag	P	Dry	2#	4.8
58	589458	Paper Bag	P	Dry	2#	4.8
59	589459	Paper Bag	P	Dry	2#	2.4
60	589460	Paper Bag	P	Dry	2#	2.3
						46.4

Note :

Core, Rock, Pulp, Slurry, Solution

SAMPLE RECEIVING LOG SHEET

Receiving Date: 4-Oct-07	**Project No:** 0707109
Carrier: From iPL to PRA	**Client:** Huldra
Receiver: On Han Pin	**Page:** 4 of 4

Count	Sample Label	Container Type	Sample Type (C, R, P, SI, S)	Wet /Dry	Top Size	Weight (kg)
61	589461	Paper Bag	P	Dry	2#	2.8
62	589462	Paper Bag	P	Dry	2#	3.4
63	589463	Paper Bag	P	Dry	2#	3.5
64	589464	Paper Bag	P	Dry	2#	3.8
65	589465	Paper Bag	P	Dry	2#	1.7
66	589466	Paper Bag	P	Dry	2#	1.2
67	589467	Paper Bag	P	Dry	2#	2.3
68	589468	Paper Bag	P	Dry	2#	2.6
69	589469	Paper Bag	P	Dry	2#	2.0
70	589470	Paper Bag	P	Dry	2#	2.6
71	589471	Paper Bag	P	Dry	2#	4.9
72	589472	Paper Bag	P	Dry	2#	4.5
73	589473	Paper Bag	P	Dry	2#	1.4
74	589474	Paper Bag	P	Dry	2#	2.9
75	589475	Paper Bag	P	Dry	2#	3.0
76	589476	Paper Bag	P	Dry	2#	4.0
77	589477	Paper Bag	P	Dry	2#	3.4
78	589478	Paper Bag	P	Dry	2#	3.1
79	No name	Paper Bag	P	Dry	2#	1.1
80						
						53.8

Note :

Core, Rock, Pulp, Slurry, Solution

HEAD ASSAY REPORT

Client: Huldra
Sample: as specified

Date: 5-Nov-07
Project: 0707109

Elements	Units	Sample ID					Detection Limits		Analytical
		L1 East Comp	L1 West Comp	L2 East Comp	L2 West Comp	RE L1 East Comp	Min.	Max.	Method
Ag	g/mt	3045.2	–	–	–	3035.6	0.3	9999	FAGrav
Ag	ppm	2499	693.2	514	493	2570.2	0.5	1000	MuAICP
Pb	%	20.15	5.51	1.64	2.12	19.47	0.01	20	AsyMuA
Zn	%	4.67	6.18	7.11	14.92	4.75	0.01	20	MuAICP

HEAD ASSAY REPORT

Client: Huldra
Sample: as specified

Date: 5-Nov-07
Project: 0707109

Elements	Units	Sample ID		Detection Limits		Analytical
		Master Comp.	RE Master Comp.	Min.	Max.	Method
Au	g/mt	0.16	0.16	0.01	5000	FA/AAS
Ag	ppm	943.6	952.7	0.5	1000	MuAlCP
Pb	%	7.23	7.2	0.01	20	AsyMuA
Ox.Pb	%	0.19	0.18	0.01	100	AsyLeh
Zn	%	7.88	7.88	0.01	20	MuAlCP
Ox.Zn	%	0.15	0.14	0.01	100	AsyLeh
S(tot)	%	6.87	6.92	0.01	20	Leco
S(-2)	%	6.77	6.81	0.01	100	AsyWet
Al	ppm	38038	38272	100	50000	ICPM
Sb	ppm	8425	8289	5	2000	ICPM
As	ppm	545	555	5	10000	ICPM
Ba	ppm	68	65	2	10000	ICPM
Bi	ppm	<2	<2	2	2000	ICPM
Cd	ppm	599.8	615.9	0.2	2000	ICPM
Ca	ppm	15649	15824	100	100000	ICPM
Cr	ppm	80	83	1	10000	ICPM
Co	ppm	16	16	1	10000	ICPM
Cu	ppm	1354	1349	1	20000	ICPM
Fe	ppm	69316	69612	100	50000	ICPM
La	ppm	5	4	2	10000	ICPM
Pb	ppm	71897	71930	2	10000	ICPM
Mg	ppm	5594	5614	100	100000	ICPM
Mn	ppm	52685	53683	1	10000	ICPM
Hg	ppm	<3	<3	3	10000	ICPM
Mo	ppm	14	14	1	1000	ICPM
Ni	ppm	<1	<1	1	10000	ICPM
P	ppm	158	168	100	50000	ICPM
K	ppm	16049	15592	100	100000	ICPM
Sc	ppm	5	6	1	10000	ICPM
Ag	ppm	841.2	858.6	0.5	500	ICPM
Na	ppm	1604	1583	100	100000	ICPM
Sr	ppm	49	50	1	10000	ICPM
Tl	ppm	<2	<2	2	1000	ICPM
Ti	ppm	901	917	100	100000	ICPM
W	ppm	198	222	5	1000	ICPM
V	ppm	43	44	1	10000	ICPM
Zn	ppm	78080	78050	1	10000	ICPM
Zr	ppm	6	6	1	10000	ICPM

HEAD ASSAY REPORT

Client: Huldra
Sample: as specified

Date: 5-Nov-07
Project: 0707109

Compounds	Unit	Sample ID		Detection Limits		Analytical Method
		Master Comp.	RE Master Comp.	Min.	Max.	
Al2O3	%	7.42	7.23	0.01	100	WRock
BaO	%	0.04	0.03	0.01	100	WRock
CaO	%	2.31	2.26	0.01	100	WRock
Fe2O3	%	9.8	9.54	0.01	100	WRock
K2O	%	2.84	2.96	0.01	100	WRock
MgO	%	1	1	0.01	100	WRock
MnO	%	6.51	6.43	0.01	100	WRock
Na2O	%	0.99	0.94	0.01	100	WRock
P2O5	%	0.1	0.04	0.01	100	WRock
SiO2	%	41.73	41.17	0.01	100	WRock
TiO2	%	0.28	0.27	0.01	100	WRock
LOI	%	11.21	11.75	0.01	100	2000 F
Total	%	84.2	83.61	0.01	105	WRock

BOND MILL GRINDABILITY TEST REPORT

Client: Huldra
Test: BI-1
Sample: Master Composite

Date: 15-Nov-07
Project: 0707109

TEST CONDITIONS

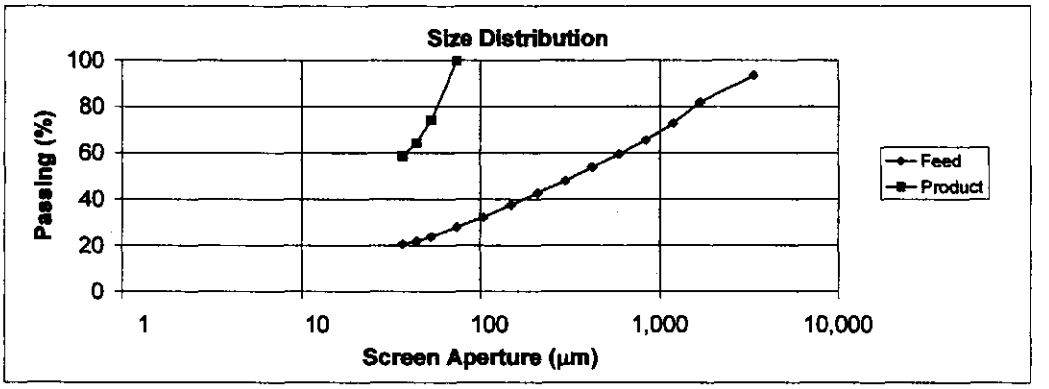
Cycle	Oversize Wt. (grams)	Product Wt. (grams)	Feed Undersize (grams)	Net Product (grams)	Product per Rev. (grams/rev.)	Required Rev. (rev.)
1	1,048	519	437	82	0.82	100
2	1,031	534	145	389	1.06	367
3	1,075	490	149	341	1.21	281
4	1,104	461	137	324	1.27	256
5	1,117	448	129	319	1.28	250
6	1,115	450	125	325	1.29	251
7						

SIZE ANALYSIS

Sieve Size		% Passing	
Tyler mesh	µm	Feed	Product
8	3,360	93.6	
10	1,680	81.9	
14	1,190	72.8	
20	841	65.5	
28	595	59.5	
35	420	53.9	
48	297	47.9	
65	210	42.7	
100	149	37.5	
150	105	32.3	
200	74	27.9	100.0
270	53	23.9	74.1
325	44	21.9	64.3
400	37	20.7	58.7

TEST RESULTS

Material Charge Wt.-700 mL(g) = 1,565
Test Screen (µm) = 74
Undersize in Feed (%)= 27.9
Circulating Load (%) = 248
Gbp (ave.) = 1.29
Product P_{80} (µm) = 57.7
Feed F_{80} (µm) = 1,569
W (kWh/ton) = 12.6
W (kWh/tonne) = 13.9



FLOTATION TEST PROCEDURE

Client: Huldra
Test: F1
Sample: Master comp.

Date: 19-Nov-07
Project: 0707109
Operator: Jim

Objective: initial rougher flotation to recover Ag, Pb and Zn

STAGE	TIME min	pH	ORP mv	ADDITION Reagent	ADDITION g/tonne	COMMENTS
Grind (2kg)	9'48"	6.6	170	ZnSO4	500	P70 =74µm, mill#1
Pb Flotation						
Condition	3	9.5	91	Soda Ash	2600	
	1			PEX	50	
Pb Rougher Float	8.0	9.2	81	DF250	20	
Condition	3	9.2		Soda Ash	n/a	
	3			ZnSO4	250	
	1			PEX	25	
Pb Scavenger Float	4.0	8.5	84	DF250	7	
Zinc Flotation						
Condition	3	11.0	-4.4	Lime	1500	
	3			CuSO4	500	
	1			SIPX	50	
Zn Rougher Float	6	10.5	40	DF250	13	
Condition	3	11.0	8	Lime	300	
	3			CuSO4	250	
	1			SIPX	25	
Zn Scavenger Float	3	11.1	19	DF250	0	

FLOTATION TEST METALLURGICAL BALANCE

Client: Huldra
Test: F1
Sample: Master comp.

Date: 19-Nov-07
Project: 0707109
Operator: Jim

Objective: initial rougher flotation to recover Ag, Pb and Zn

Product	Weight		Assay				Distribution			
			Ag	Pb	Zn	S	Ag	Pb	Zn	S^{-2}
	g	%	g/t	%	%	%	%	%	%	%
Pb Rougher Concentrate	362.9	18.6	4901.8	32.64	6.13	14.6	97.8	96.5	15.9	41.6
Pb Scavenger Concentrate	82.5	4.2	164.6	1.74	6.74	8.0	0.7	1.2	4.0	5.2
Total Pb Concentrate	**445.4**	**22.9**	**4024.3**	**26.92**	**6.24**	**13.4**	**98.6**	**97.7**	**19.9**	**46.7**
Zn Rougher Concentrate	247.5	12.7	44.5	0.20	44.20	25.6	0.6	0.4	78.5	49.6
Zn Scavenger Concentrate	49.3	2.5	42.6	0.41	1.02	1.6	0.1	0.2	0.4	0.6
Total Zn Concentrate	**296.8**	**15.2**	**44.2**	**0.23**	**37.03**	**21.6**	**0.7**	**0.6**	**78.9**	**50.2**
Total Flotation Concentrate	**742.2**	**38.1**	**2432.7**	**16.25**	**18.55**	**16.7**	**99.3**	**98.2**	**98.8**	**97.0**
Final Tails	1,204.4	61.9	10.9	0.18	0.14	0.3	0.7	1.8	1.2	3.0
Calculated Head	**1,946.6**	**100.0**	**934.3**	**6.31**	**7.16**	**6.6**	**100.0**	**100.0**	**100.0**	**100.0**
Measured Head			948.2	7.22	7.88	6.9				

SIZE ANALYSIS REPORT

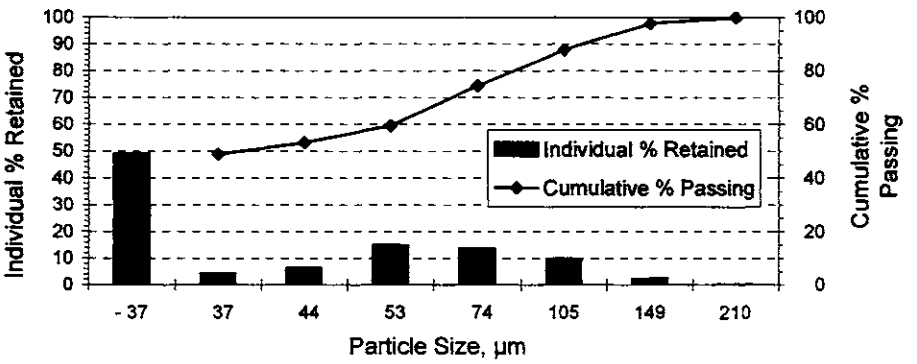
Client: Huldra
Test: F1
Sample: Master comp.
Grind: 2 kg for 9.8 minutes at 65% solids in stainless steel mill #1.

Date: 19-Nov-07
Project: 0707109

Sieve Size		Individual	Cumulative
Tyler Mesh	Micrometers	% Retained	% Passing
65	210	0.0	100.0
100	149	2.3	97.7
150	105	9.8	87.8
200	74	13.5	74.4
270	53	14.8	59.6
325	44	6.4	53.2
400	37	4.2	49.0
Undersize	- 37	49.0	-
TOTAL:		100.0	

70 % Passing Size (µm) = 68

Size Distribution



FLOTATION TEST PROCEDURE

Client: Huldra
Test: F2
Sample: Master comp.

Date: 21-Nov-07
Project: 0707109
Operator: Jim

Objective: similar to F1, but without ZnSO4, lower pH in Pb float

STAGE	TIME min	pH	ORP mv	ADDITION Reagent	ADDITION g/tonne	COMMENTS
Grind (2kg)	9'48"	6.6	109			P70 =74µm, mill#1
Pb Flotation						
Condition	10	6.5	109	MBS	n/a	
	3	7.5	90	Soda Ash	350	
	1			PEX	50	
Pb Rougher Float	8.0	7.5	56	DF250	20	
Condition	1	7.5	32	PEX	25	
Pb Scavenger Float	4.0	7.5	37	DF250		
Zinc Flotation						
Condition	3	11.0	-37	Lime	960	
	3			CuSO4	500	
	1			SIPX	50	
Zn Rougher Float	6	10.9	-2	DF250		
Condition	3	11.0	8	Lime	120	
	3			CuSO4	250	
	1			SIPX	25	
Zn Scavenger Float	3	10.9	32	DF250		

FLOTATION TEST METALLURGICAL BALANCE

Client: Huldra
Test: F2
Sample: Master comp.

Date: 21-Nov-07
Project: 0707109
Operator: Jim

Objective: similar to F1, but without ZnSO4, lower pH in Pb float

Product	Weight		Assay				Distribution			
			Ag	Pb	Zn	S	Ag	Pb	Zn	S^{-2}
	g	%	g/t	%	%	%	%	%	%	%
Pb Rougher Concentrate	294.3	15.2	5650.5	39.80	11.53	18.5	96.7	96.6	22.8	42.9
Pb Scavenger Concentrate	74.9	3.9	188.3	1.31	37.53	23.7	0.8	0.8	18.9	14.0
Total Pb Concentrate	**369.2**	**19.1**	**4542.1**	**31.99**	**16.81**	**19.6**	**97.5**	**97.4**	**41.7**	**56.8**
Zn Rougher Concentrate	209.6	10.9	69.7	0.34	40.29	23.8	0.8	0.6	56.8	39.3
Zn Scavenger Concentrate	36.1	1.9	79.5	0.61	1.30	2.3	0.2	0.2	0.3	0.7
Total Zn Concentrate	**245.7**	**12.7**	**71.1**	**0.38**	**34.56**	**20.6**	**1.0**	**0.8**	**57.1**	**39.9**
Total Flotation Concentrate	**614.9**	**31.8**	**2755.5**	**19.36**	**23.90**	**20.0**	**98.5**	**98.2**	**98.8**	**96.8**
Final Tails	1,317.1	68.2	19.7	0.17	0.14	0.3	1.5	1.8	1.2	3.2
Calculated Head	**1,932.0**	**100.0**	**890.4**	**6.28**	**7.70**	**6.6**	**100.0**	**100.0**	**100.0**	**100.0**
Measured Head			948.2	7.22	7.88	6.9				

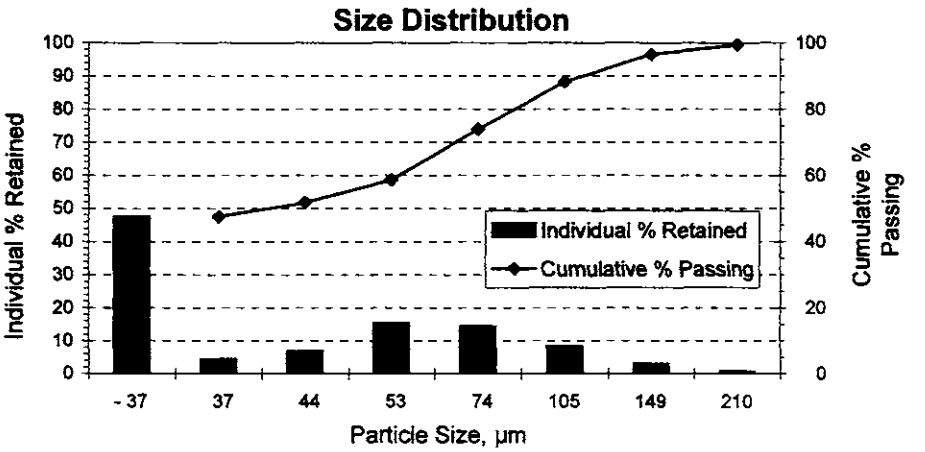
SIZE ANALYSIS REPORT

Client: Huldra
Test: F2
Sample: Master comp.
Grind: 2 kg for 9.8 minutes at 65% solids in stainless steel mill #1.

Date: 21-Nov-07
Project: 0707109

Sieve Size		Individual	Cumulative
Tyler Mesh	Micrometers	% Retained	% Passing
65	210	0.6	99.4
100	149	2.9	96.5
150	105	8.3	88.2
200	74	14.3	73.9
270	53	15.3	58.6
325	44	6.8	51.8
400	37	4.4	47.4
Undersize	- 37	47.4	-
TOTAL:		100.0	

70 % Passing Size (µm) = 68



FLOTATION TEST PROCEDURE

Client: Huldra
Test: F3
Sample: Master comp.

Date: 5-Dec-07
Project: 0707109
Operator:

Objective: with 100g/t MBS in grind

STAGE	TIME min	pH	ORP mv	ADDITION Reagent	ADDITION g/tonne	COMMENTS
Grind (2kg)	9'48"	6.4	262	MBS	100	P70 =74µm, mill#1
Pb Flotation						
Condition	3	7.5		Soda Ash	250	
	1			PEX	50	
Pb Rougher Float	8.0	7.5	175	DF250	15	
Condition	1	7.5		PEX	25	
Pb Scavenger Float	4.0	7.6	119	DF250	5	
Zinc Flotation						
Condition	3	11.0		Lime	930	
	3			CuSO4	500	
	1			SIPX	50	
Zn Rougher Float	6	10.9	59	DF250	7	
Condition	3	11.0		Lime	90	
	3			CuSO4	250	
	1			SIPX	25	
Zn Scavenger Float	3	10.9	63	DF250		

FLOTATION TEST METALLURGICAL BALANCE

Client: Huldra
Test: F3
Sample: Master comp.

Date: 5-Dec-07
Project: 0707109
Operator: LC

Objective: with 100g/t MBS in grind

Product	Weight		Assay				Distribution			
			Ag	Pb	Zn	S	Ag	Pb	Zn	S^{-2}
	g	%	g/t	%	%	%	%	%	%	%
Pb Rougher Concentrate	206.1	10.4	8551.8	59.34	3.47	18.7	92.6	91.1	4.7	27.5
Pb Scavenger Concentrate	106.3	5.4	699.2	7.77	25.19	24.6	3.9	6.2	17.8	18.7
Total Pb Concentrate	**312.5**	**15.8**	**5879.8**	**41.79**	**10.86**	**20.7**	**96.5**	**97.2**	**22.5**	**46.2**
Zn Rougher Concentrate	231.4	11.7	113.4	0.67	49.22	28.1	1.4	1.2	75.5	46.4
Zn Scavenger Concentrate	59.1	3.0	196.7	1.13	3.59	5.7	0.6	0.5	1.4	2.4
Total Zn Concentrate	**290.5**	**14.7**	**130.3**	**0.76**	**39.94**	**23.5**	**2.0**	**1.7**	**76.9**	**48.8**
Total Flotation Concentrate	**603.0**	**30.5**	**3109.8**	**22.03**	**24.87**	**22.1**	**98.5**	**98.9**	**99.5**	**95.0**
Final Tails	1,371.3	69.5	21.3	0.11	0.06	0.5	1.5	1.1	0.5	5.0
Calculated Head	**1,974.2**	**100.0**	**964.6**	**6.80**	**7.64**	**7.1**	**100.0**	**100.0**	**100.0**	**100.0**
Measured Head			948.2	7.22	7.88	6.9				

SIZE ANALYSIS REPORT

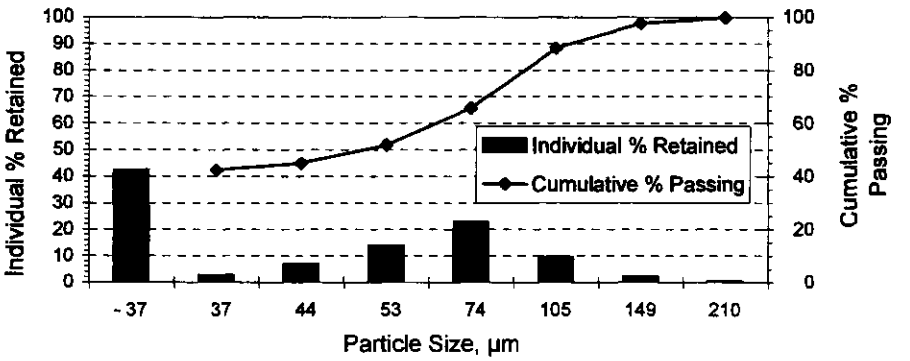
Client: Huldra
Test: F3
Sample: Master comp.
Grind: 2 kg for 9.8 minutes at 65% solids in stainless steel mill #1.

Date: 5-Dec-07
Project: 0707109

Sieve Size		Individual	Cumulative
Tyler Mesh	Micrometers	% Retained	% Passing
65	210	0.2	99.8
100	149	2.1	97.7
150	105	9.4	88.3
200	74	22.6	65.6
270	53	13.8	51.8
325	44	6.8	45.0
400	37	2.6	42.4
Undersize	- 37	42.4	-
TOTAL:		100.0	

70 % Passing Size (µm) = 80

Size Distribution



FLOTATION TEST PROCEDURE

Client: Huldra
Test: F4
Sample: Master comp.

Date: 5-Dec-07
Project: 0707109
Operator: Jim

Objective: similar to F1, but with less ZnSO4 in grind

STAGE	TIME min	pH	ORP mv	ADDITION Reagent	ADDITION g/tonne	COMMENTS
Grind (2kg)	9'48"	6.7	191	ZnSO4	250	P70 =74µm, mill#1
Pb Flotation						
Condition	3	7.5		Soda Ash	325	
	1			PEX	50	
Pb Rougher Float	8.0	7.5	115	DF250	20	
Condition	3	7.5		Soda Ash	n/a	
	3			ZnSO4	250	
	1			PEX	25	
Pb Scavenger Float	4.0	7.4	105	DF250	7	
Zinc Flotation						
Condition	3	11.0		Lime	1080	
	3			CuSO4	500	
	1			SIPX	50	
Zn Rougher Float	6	10.7	72	DF250		
Condition	3	11.0		Lime	180	
	3			CuSO4	250	
	1			SIPX	25	
Zn Scavenger Float	3	10.9	96	DF250		

FLOTATION TEST METALLURGICAL BALANCE

Client: Huldra
Test: F4
Sample: Master comp.

Date: 5-Dec-07
Project: 0707109
Operator: Jim

Objective: similar to F1, but with less ZnSO4 in grind

Product	Weight		Assay				Distribution			
			Ag	Pb	Zn	S	Ag	Pb	Zn	S^{-2}
	g	%	g/t	%	%	%	%	%	%	%
Pb Rougher Concentrate	208.9	10.7	6947.0	49.91	4.85	17.9	91.1	91.6	7.6	30.2
Pb Scavenger Concentrate	83.6	4.3	373.9	6.12	8.93	14.2	2.0	4.5	5.6	9.6
Total Pb Concentrate	**292.5**	**15.0**	**5068.5**	**37.40**	**6.02**	**16.8**	**93.1**	**96.1**	**13.3**	**39.8**
Zn Rougher Concentrate	224.7	11.5	99.9	0.53	49.62	29.7	1.4	1.0	84.2	53.9
Zn Scavenger Concentrate	59.8	3.1	99.0	0.77	1.95	3.1	0.4	0.4	0.9	1.5
Total Zn Concentrate	**284.4**	**14.6**	**99.7**	**0.58**	**39.60**	**24.1**	**1.8**	**1.5**	**85.1**	**55.4**
Total Flotation Concentrate	**576.9**	**29.6**	**2618.7**	**19.24**	**22.58**	**20.4**	**94.9**	**97.6**	**98.3**	**95.1**
Final Tails	1,374.1	70.4	59.2	0.20	0.16	0.4	5.1	2.4	1.7	4.9
Calculated Head	**1,951.0**	**100.0**	**816.0**	**5.83**	**6.79**	**6.4**	**100.0**	**100.0**	**100.0**	**100.0**
Measured Head			948.2	7.22	7.88	6.9				

SIZE ANALYSIS REPORT

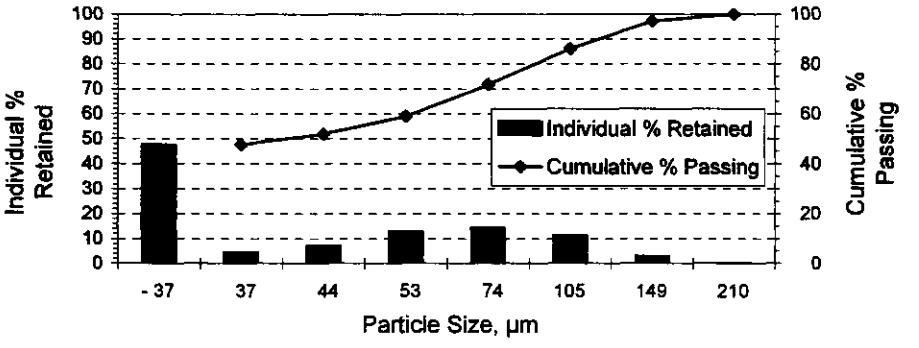
Client: Huldra
Test: F4
Sample: Master comp.
Grind: 2 kg for 9.8 minutes at 65% solids in stainless steel mill #1.

Date: 5-Dec-07
Project: 0707109

Sieve Size		Individual	Cumulative
Tyler Mesh	Micrometers	% Retained	% Passing
65	210	0.0	100.0
100	149	2.8	97.2
150	105	11.1	86.0
200	74	14.3	71.7
270	53	12.8	59.0
325	44	6.9	52.0
400	37	4.4	47.7
Undersize	- 37	47.7	-
TOTAL:		100.0	

70 % Passing Size (µm) = 71

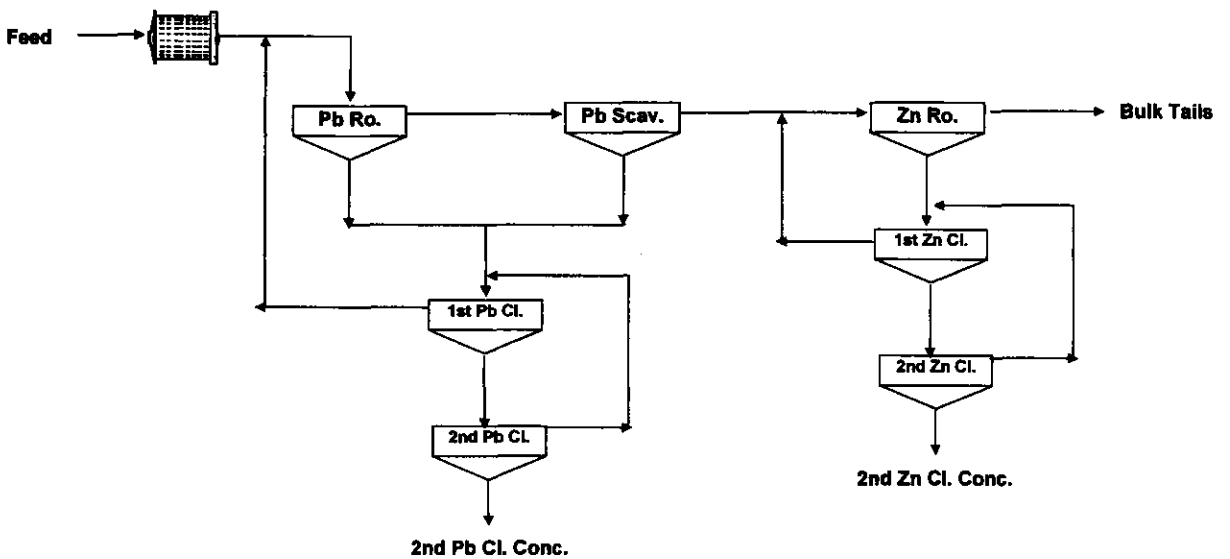
Size Distribution



LOCKED CYCLE FLOTATION TEST FLOWSHEET

Client: Huldra
Test: LC
Sample: Master comp.

Date: 16-Jan-08
Project: 0707109
Operator: Licheng



Notes:
1. Use recycle water from each stage for the next cycle

FLOTATION TEST PROCEDURE

Client: Huldra
Test: LC, Cyc.1
Sample: Master comp.

Date: 17-Jan-08
Project: 0707109
Operator: Licheng

Objective: Locked cycle test to recover Ag, Pb and Zn

STAGE	TIME min	pH	ORP mv	ADDITION Reagent	ADDITION g/tonne	COMMENTS
Grind (2kg)	9'48"	6.8	190	MBS	100	P70 =74µm, mill#1
Lead Rougher Flotation						
Condition	3.0	7.5	79	Soda Ash	165	
	1.0			PEX	50	
Pb Rougher Float	**8.0**	7.5		DF250	13	
Condition	3.0	7.5		Soda Ash		
	3.0			ZnSO4	250	
	1.0			PEX	25	
Pb Scavenger Float	**4.0**	7.4	57	DF250	3	
Zinc Rougher Flotation						
Condition	3.0	11.0		Lime	708	
	3.0			CuSO4	500	
	1.0			SIPX	50	
Zn Rougher Float	**9.0**	10.9	24	DF250	3	
Lead Cleaner (on Pb Ro. Conc. + Pb. Scav. Conc)						
1st Pb Cleaner Float	**7.0**	7.6	91	DF250	10	
2nd Pb Cleaner Float	**5.0**	7.6	110	DF250		
Zinc Flotation (on Zn Ro. Conc.)						
Condition	3.0	11.0		Lime	48	
1st Zn Cleaner Float	**6.0**	10.8	64	DF250	7	
Condition	3.0	11.0		Lime	18	
2nd Zn Cleaner Float	**5.0**	11.0	29	DF250	3	

FLOTATION TEST PROCEDURE

Client: Huldra
Test: LC, Cyc.2
Sample: Master comp.

Date: 17-Jan-08
Project: 0707109
Operator: Licheng

Objective: Locked cycle test to recover Ag, Pb and Zn

STAGE	TIME min	pH	ORP mv	ADDITION Reagent	ADDITION g/tonne	COMMENTS
Grind (2kg)	9'48"	6.9	120	MBS	100	P70 =74µm, mill#1
Lead Rougher Flotation						
Condition	3.0	7.5		Soda Ash	160	
	1.0			PEX	50	
Pb Rougher Float	**8.0**	7.6	59	DF250	10	
Condition	3.0	7.5		Soda Ash		
	3.0			ZnSO4	250	
	1.0			PEX	25	
Pb Scavenger Float	**4.0**	7.4	47	DF250	3	
Zinc Rougher Flotation						
Condition	3.0	11.0		Lime	1110	
	3.0			CuSO4	500	
	1.0			SIPX	50	
Zn Rougher Float	**9.0**	10.7	22	DF250	7	
Lead Cleaner (on Pb Ro. Conc. + Pb. Scav. Conc)						
1st Pb Cleaner Float	**7.0**	7.5	97	DF250	7	
2nd Pb Cleaner Float	**5.0**	7.7	101	DF250		
Zinc Flotation (on Zn Ro. Conc.)						
Condition	3.0	11.0		Lime	48	
1st Zn Cleaner Float	**6.0**	11.1	14	DF250	7	
Condition	3.0	11.0		Lime	24	
2nd Zn Cleaner Float	**5.0**	11.0	12	DF250	3	

FLOTATION TEST PROCEDURE

Client: Huldra
Test: LC, Cyc.3
Sample: Master comp.

Date: 17-Jan-08
Project: 0707109
Operator: Licheng

Objective: Locked cycle test to recover Ag, Pb and Zn

STAGE	TIME min	pH	ORP mv	ADDITION Reagent	ADDITION g/tonne	COMMENTS
Grind (2kg)	9'48"	6.9	150	MBS	100	P70 =74µm, mill#1
Lead Rougher Flotation						
Condition	3.0	7.5		Soda Ash	150	
	1.0			PEX	50	
Pb Rougher Float	**8.0**	7.6	61	DF250	10	
Condition	3.0	7.5		Soda Ash		
	3.0			ZnSO4	250	
	1.0			PEX	25	
Pb Scavenger Float	**4.0**	7.2	48	DF250	3	
Zinc Rougher Flotation						
Condition	3.0	11.0		Lime	900	
	3.0			CuSO4	500	
	1.0			SIPX	50	
Zn Rougher Float	**9.0**	10.7	36	DF250	8	
Lead Cleaner						
(on Pb Ro. Conc. + Pb. Scav. Conc)						
1st Pb Cleaner Float	**7.0**	7.7	88	DF250	3	
2nd Pb Cleaner Float	**5.0**	7.6	98	DF250		
Zinc Flotation						
(on Zn Ro. Conc.)						
Condition	3.0	11.0		Lime	60	
1st Zn Cleaner Float	**6.0**	10.9	27	DF250	7	
Condition	3.0	11.0		Lime	6	
2nd Zn Cleaner Float	**5.0**	11.0	16	DF250	3	

FLOTATION TEST PROCEDURE

Client: Huldra
Test: LC, Cyc.4
Sample: Master comp.

Date: 17-Jan-08
Project: 0707109
Operator: Licheng

Objective: Locked cycle test to recover Ag, Pb and Zn

STAGE	TIME min	pH	ORP mv	ADDITION Reagent	ADDITION g/tonne	COMMENTS
Grind (2kg)	9'48"	6.8	137	MBS	100	P70 =74µm, mill#1
Lead Rougher Flotation						
Condition	3.0	7.5	80	Soda Ash	140	
	1.0			PEX	50	
Pb Rougher Float	**8.0**	7.6	55	DF250	13	
Condition	3.0	7.5		Soda Ash		
	3.0			ZnSO4	250	
	1.0			PEX	25	
Pb Scavenger Float	**4.0**	7.3	41	DF250	3	
Zinc Rougher Flotation						
Condition	3.0	11.0		Lime	930	
	3.0			CuSO4	500	
	1.0			SIPX	50	
Zn Rougher Float	**9.0**	10.8	27	DF250	10	
Lead Cleaner						
(on Pb Ro. Conc. + Pb. Scav. Conc)						
1st Pb Cleaner Float	**7.0**	7.7	88	DF250	3	
2nd Pb Cleaner Float	**5.0**	7.7	98	DF250		
Zinc Flotation						
(on Zn Ro. Conc.)						
Condition	3.0	11.0		Lime	30	
1st Zn Cleaner Float	**6.0**	10.7	47	DF250	7	
Condition	3.0	11.0		Lime	6	
2nd Zn Cleaner Float	**5.0**	11.0	42	DF250	3	

FLOTATION TEST PROCEDURE

Client: Huldra
Test: LC, Cyc.5
Sample: Master comp.

Date: 17-Jan-08
Project: 0707109
Operator: Licheng

Objective: Locked cycle test to recover Ag, Pb and Zn

STAGE	TIME	pH	ORP	ADDITION		COMMENTS
	min		mv	Reagent	g/tonne	
Grind (2kg)	9'48"	6.8	125	MBS	100	P70 =74µm, mill#1
Lead Rougher Flotation						
Condition	3.0	7.5		Soda Ash	175	
	1.0			PEX	50	
Pb Rougher Float	**8.0**	7.6	49	DF250	12	
Condition	3.0	7.5		Soda Ash		
	3.0			ZnSO4	250	
	1.0			PEX	25	
Pb Scavenger Float	**4.0**	7.4	38	DF250	3	
Zinc Rougher Flotation						
Condition	3.0	11.0		Lime	990	
	3.0			CuSO4	500	
	1.0			SIPX	50	
Zn Rougher Float	**9.0**	10.7	40	DF250		
Lead Cleaner						
(on Pb Ro. Conc. + Pb. Scav. Conc)						
1st Pb Cleaner Float	**7.0**	7.7	74	DF250	3	
2nd Pb Cleaner Float	**5.0**	7.7	87	DF250		
Zinc Flotation						
(on Zn Ro. Conc.)						
Condition	3.0	11.0		Lime	36	
1st Zn Cleaner Float	**6.0**	10.7	35	DF250	3	
Condition	3.0	11.0		Lime	18	
2nd Zn Cleaner Float	**5.0**	10.9	13	DF250	3	

FLOTATION TEST PROCEDURE

Client: Huldra
Test: LC, Cyc.6
Sample: Master comp.

Date: 17-Jan-08
Project: 0707109
Operator: Licheng

Objective: Locked cycle test to recover Ag, Pb and Zn

STAGE	TIME min	pH	ORP mv	ADDITION Reagent	ADDITION g/tonne	COMMENTS
Grind (2kg)	9'48"	6.9	126	MBS	100	P70 =74µm, mill#1
Lead Rougher Flotation						
Condition	3.0	7.5		Soda Ash	165	
	1.0			PEX	50	
Pb Rougher Float	**8.0**	7.6	47	DF250	15	
Condition	3.0	7.5		Soda Ash		
	3.0			ZnSO4	250	
	1.0			PEX	25	
Pb Scavenger Float	**4.0**	7.4	38	DF250		
Zinc Rougher Flotation						
Condition	3.0	11.0		Lime	1050	
	3.0			CuSO4	500	
	1.0			SIPX	50	
Zn Rougher Float	**9.0**	10.7	41	DF250		
Lead Cleaner						
(on Pb Ro. Conc. + Pb. Scav. Conc)						
1st Pb Cleaner Float	**7.0**	7.7	98	DF250	3	
2nd Pb Cleaner Float	**5.0**	7.7	94	DF250		
Zinc Flotation						
(on Zn Ro. Conc.)						
Condition	3.0	11.0		Lime	72	
1st Zn Cleaner Float	**6.0**	10.9	24	DF250	3	
Condition	3.0	11.0		Lime	6	
2nd Zn Cleaner Float	**5.0**	10.6	46	DF250	3	

LOCKED CYCLE FLOTATION TEST METALLURGICAL BALANCE - WITH RECYCLE STREAMS

Client: Huldra
Test: LC
Sample: Master comp.

Date: 17-Jan-08
Project: 0707109
Operator: Licheng

Objective: Locked cycle test to recover Ag, Pb and Zn

Product	Weight		Assay							Distribution			
			Ag	Pb	Zn	S(T)	In	Ge	Cd	Ag	Pb	Zn	S(T)
	(g)	(%)	g/t	%	%	%	g/t	g/t	%	(%)	(%)	(%)	(%)
Flotation Concentrate													
2nd Zn Cleaner Concentrate, Cycle 1	188.9	1.6	87.5	0.35	54.36	32.40	<5	<5	0.61	0.2	0.1	11.8	8.0
2nd Zn Cleaner Concentrate, Cycle 2	212.5	1.8	131.2	0.58	53.02	31.10	<5	<5	0.62	0.3	0.2	13.0	8.7
2nd Zn Cleaner Concentrate, Cycle 3	221.8	1.9	136.0	0.81	54.19	31.40	<5	<5	0.58	0.3	0.3	13.9	9.1
2nd Zn Cleaner Concentrate, Cycle 4	199.8	1.7	127.3	0.84	54.23	32.10	<5	<5	0.58	0.2	0.2	12.5	8.4
2nd Zn Cleaner Concentrate, Cycle 5	227.5	1.9	103.6	0.31	54.82	33.20	<5	<5	0.72	0.2	0.1	14.4	9.9
2nd Zn Cleaner Concentrate, Cycle 6	211.5	1.8	101.9	0.37	55.19	33.10	<5	<5	0.74	0.2	0.1	13.5	9.2
Total 2nd Zn Cleaner Concentrate	**1262.0**	**10.8**	**115.0**	**0.54**	**54.31**	**32.22**				**1.4**	**1.0**	**79.0**	**53.4**
2nd Pb Cleaner Concentrate, Cycle 1	226.6	1.9	7435.8	49.43	14.92	21.00				15.8	16.0	3.9	6.3
2nd Pb Cleaner Concentrate, Cycle 2	214.0	1.8	7600.2	47.09	12.30	20.80				15.7	14.4	3.0	5.8
2nd Pb Cleaner Concentrate, Cycle 3	234.8	2.0	7192.0	55.70	8.11	20.80				15.8	18.7	2.2	6.4
2nd Pb Cleaner Concentrate, Cycle 4	242.8	2.1	7085.3	51.65	9.64	21.40				16.1	17.9	2.7	6.8
2nd Pb Cleaner Concentrate, Cycle 5	202.7	1.7	8341.1	42.91	8.80	22.60				15.8	12.4	2.1	6.0
2nd Pb Cleaner Concentrate, Cycle 6	226.0	2.0	7355.8	44.98	7.68	21.20				15.7	14.6	2.0	6.3
Total 2nd Pb Cleaner Concentrate	**1348.8**	**11.5**	**7510.6**	**48.82**	**10.23**	**21.28**				**96.0**	**94.1**	**15.9**	**37.7**
Recycling Streams													
2nd Zn Cleaner Tails, Cycle 6	44.3	0.4	188.0	1.24	7.48	6.51				0.1	0.1	0.4	0.5
1st Zn Cleaner tails, Cycle 6	251.1	2.1	87.0	0.57	0.77	1.63				0.2	0.2	0.2	0.5
Total Zn Cleaner Tails, Cycle 6	**295.3**	**2.5**	**102.1**	**0.67**	**1.78**	**2.66**				**0.3**	**0.3**	**0.6**	**1.0**
2nd Pb Cleaner Tails, Cycle 6	43.4	0.4	2902.0	18.33	13.05	18.20				1.2	1.1	0.7	1.0
1st Pb Cleaner tails, Cycle 6	134.6	1.2	289.9	2.07	11.42	9.19				0.4	0.4	1.8	1.6
Total Pb Cleaner Tails, Cycle 6	**177.9**	**1.5**	**926.4**	**6.03**	**11.82**	**11.39**				**1.5**	**1.5**	**2.4**	**2.7**
Flotation Tails													
Bulk Tails, Cycle 1	1296.9	11.1	16.5	0.22	0.22	0.45				0.2	0.4	0.3	0.8
Bulk Tails, Cycle 2	1501.5	12.9	18.6	0.27	0.16	0.47				0.3	0.6	0.3	0.9
Bulk Tails, Cycle 3	1280.2	11.0	29.1	0.24	0.28	0.48				0.3	0.4	0.4	0.8
Bulk Tails, Cycle 4	1494.9	12.8	25.9	0.24	0.17	0.38				0.4	0.5	0.3	0.7
Bulk Tails, Cycle 5	1512.7	12.9	29.6	0.30	0.20	0.53				0.4	0.6	0.3	1.1
Bulk Tails, Cycle 6	1513.7	13.0	15.9	0.26	0.22	0.45				0.2	0.6	0.4	0.9
Total Bulk Flotation Tails	**8599.9**	**73.6**	**22.6**	**0.26**	**0.21**	**0.46**				**1.8**	**3.1**	**2.0**	**5.2**
Calculated Head	**11683.8**	**100.0**	**912.8**	**5.99**	**7.42**	**6.52**				**100.0**	**100.0**	**100.0**	**100.0**
Measured Head			948.2	7.22	7.88	6.90							

LOCKED CYCLE FLOTATION TEST METALLURGICAL BALANCE - WITHOUT RECYCLE STREAMS

Client: Huldra
Test: LC
Sample: Master comp.

Date: 17-Jan-08
Project: 0707109
Operator: Licheng

Objective: Locked cycle test to recover Ag, Pb and Zn

Product	Weight		Assay							Distribution			
	(g)	(%)	Ag g/t	Pb %	Zn %	S(T) %	In g/t	Ge g/t	Cd %	Ag (%)	Pb (%)	Zn (%)	S(T) (%)
Flotation Concentrate													
2nd Zn Cleaner Concentrate, Cycle 1	188.9	1.7	87.5	0.35	54.36	32.40	<5	<5	0.61	0.2	0.1	12.2	8.3
2nd Zn Cleaner Concentrate, Cycle 2	212.5	1.9	131.2	0.58	53.02	31.10	<5	<5	0.62	0.3	0.2	13.4	9.0
2nd Zn Cleaner Concentrate, Cycle 3	221.8	2.0	136.0	0.81	54.19	31.40	<5	<5	0.58	0.3	0.3	14.3	9.5
2nd Zn Cleaner Concentrate, Cycle 4	199.8	1.8	127.3	0.84	54.23	32.10	<5	<5	0.58	0.2	0.2	12.9	8.7
2nd Zn Cleaner Concentrate, Cycle 5	227.5	2.0	103.6	0.31	54.82	33.20	<5	<5	0.72	0.2	0.1	14.8	10.3
2nd Zn Cleaner Concentrate, Cycle 6	211.5	1.9	101.9	0.37	55.19	33.10	<5	<5	0.74	0.2	0.1	13.9	9.5
Total 2nd Zn Cleaner Concentrate	**1262.0**	**11.3**	**115.0**	**0.54**	**54.31**	**32.22**				**1.4**	**1.0**	**81.5**	**55.5**
2nd Pb Cleaner Concentrate, Cycle 1	226.6	2.0	7435.8	49.43	14.92	21.00				16.1	16.3	4.0	6.5
2nd Pb Cleaner Concentrate, Cycle 2	214.0	1.9	7800.2	47.09	12.30	20.80				15.9	14.7	3.1	6.1
2nd Pb Cleaner Concentrate, Cycle 3	234.8	2.1	7192.0	55.70	8.11	20.80				16.1	19.0	2.3	6.7
2nd Pb Cleaner Concentrate, Cycle 4	242.8	2.2	7085.3	51.65	9.64	21.40				16.4	18.2	2.8	7.1
2nd Pb Cleaner Concentrate, Cycle 5	202.7	1.8	8341.1	42.91	8.80	22.60				16.1	12.7	2.1	6.2
2nd Pb Cleaner Concentrate, Cycle 6	228.0	2.0	7355.8	44.98	7.68	21.20				16.0	14.9	2.1	6.6
Total 2nd Pb Cleaner Concentrate	**1348.8**	**12.0**	**7510.6**	**48.82**	**10.23**	**21.28**				**96.8**	**95.8**	**16.4**	**39.1**
Flotation Tails													
Bulk Tails, Cycle 1	1296.9	11.6	16.5	0.22	0.22	0.45				0.2	0.4	0.3	0.8
Bulk Tails, Cycle 2	1501.5	13.4	18.6	0.27	0.16	0.47				0.3	0.6	0.3	1.0
Bulk Tails, Cycle 3	1280.2	11.4	29.1	0.24	0.28	0.48				0.4	0.4	0.4	0.8
Bulk Tails, Cycle 4	1494.9	13.3	25.9	0.24	0.17	0.38				0.4	0.5	0.3	0.8
Bulk Tails, Cycle 5	1512.7	13.5	29.6	0.30	0.20	0.53				0.4	0.7	0.4	1.1
Bulk Tails, Cycle 6	1513.7	13.5	15.9	0.26	0.22	0.45				0.2	0.6	0.4	0.9
Total Bulk Flotation Tails	**8599.9**	**76.7**	**22.6**	**0.26**	**0.21**	**0.46**				**1.9**	**3.2**	**2.1**	**5.4**
Calculated Head	**11210.6**	**100.0**	**933.9**	**6.13**	**7.60**	**6.54**				**100.0**	**100.0**	**100.0**	**100.0**
Measured Head			948.2	7.22	7.88	6.90							

LOCKED CYCLE FLOTATION TEST METALLURGICAL BALANCE - Cycle 6

Client: Huldra
Test: LC
Sample: Master comp.

Date: 17-Jan-08
Project: 0707109
Operator: Licheng

Objective: Locked cycle test to recover Ag, Pb and Zn

Product	Weight		Assay				Distribution			
	(g)	(%)	Ag g/t	Pb %	Zn %	S(T) %	Ag (%)	Pb (%)	Zn (%)	S(T) (%)
2nd Zn Cleaner Concentrate, Cycle 6	211.5	8.7	101.9	0.37	55.19	33.10	1.1	0.7	71.2	45.7
2nd Zn Cleaner Tails, Cycle 6	44.3	1.8	188.0	1.24	7.48	8.51	0.4	0.5	2.0	2.5
1st Zn Cleaner Concentrate, Cycle 6	**255.8**	**10.5**	**116.8**	**0.52**	**46.94**	**28.85**	**1.6**	**1.1**	**73.3**	**48.1**
1st Zn Cleaner tails, Cycle 6	251.1	10.3	87.0	0.57	0.77	1.63	1.1	1.2	1.2	2.7
Total Zn Rougher Concentrate, Cycle 6	**506.8**	**20.9**	**102.0**	**0.55**	**24.07**	**15.36**	**2.7**	**2.3**	**74.4**	**50.8**
2nd Pb Cleaner Concentrate, Cycle 6	228.0	9.4	7355.8	44.98	7.68	21.20	87.5	85.5	10.7	31.5
2nd Pb Cleaner Tails, Cycle 6	43.4	1.8	2902.0	18.33	13.05	18.20	6.6	6.6	3.5	5.1
1st Pb Cleaner Concentrate, Cycle 6	**271.3**	**11.2**	**6644.2**	**40.72**	**8.54**	**20.72**	**94.0**	**92.1**	**14.1**	**36.7**
1st Pb Cleaner tails, Cycle 6	134.6	5.5	289.9	2.07	11.42	9.19	2.0	2.3	9.4	8.1
Total Pb Ro. + Scav. Concentrate, Cycle 6	**405.9**	**16.7**	**4537.7**	**27.91**	**9.49**	**16.90**	**96.0**	**94.4**	**23.5**	**44.7**
Total Flotation Concentrate, Cycle 6	**912.7**	**37.6**	**2074.6**	**12.71**	**17.59**	**16.05**	**98.7**	**96.7**	**98.0**	**95.6**
Bulk Tails, Cycle 6	1513.7	62.4	15.9	0.26	0.22	0.45	1.3	3.3	2.0	4.4
Calculated Head	**2426.4**	**100.0**	**790.3**	**4.94**	**6.75**	**6.32**	**100.0**	**100.0**	**100.0**	**100.0**
Measured Head			948.2	7.22	7.88	6.90				

LOCKED CYCLE FLOTATION TEST METALLURGICAL BALANCE - Cycle 4+5+6

Client: Huldra
Test: LC
Sample: Master comp.

Date: 17-Jan-08
Project: 0707109
Operator: Licheng

Objective: Locked cycle test to recover Ag, Pb and Zn

Product	Weight		Assay							Distribution			
			Ag	Pb	Zn	S(T)	In	Ge	Cd	Ag	Pb	Zn	S(T)
	(g)	(%)	g/t	%	%	%	g/t	g/t	%	(%)	(%)	(%)	(%)
Flotation Concentrate													
2nd Zn Cleaner Concentrate, Cycle 4	199.8	3.4	127.3	0.84	54.23	32.10	<5	<5	0.58	0.5	0.5	26.0	17.0
2nd Zn Cleaner Concentrate, Cycle 5	227.5	3.9	103.6	0.31	54.82	33.20	<5	<5	0.72	0.4	0.2	29.9	20.1
2nd Zn Cleaner Concentrate, Cycle 6	211.5	3.6	101.9	0.37	55.19	33.10	<5	<5	0.74	0.4	0.2	28.0	18.6
Total 2nd Zn Cleaner Concentrate	**638.8**	**11.0**	**110.5**	**0.50**	**54.76**	**32.82**				**1.3**	**1.0**	**83.8**	**55.7**
2nd Pb Cleaner Concentrate, Cycle 4	242.8	4.2	7085.3	51.65	9.64	21.40				32.7	38.0	5.6	13.8
2nd Pb Cleaner Concentrate, Cycle 5	202.7	3.5	8341.1	42.91	8.80	22.60				32.1	26.3	4.3	12.2
2nd Pb Cleaner Concentrate, Cycle 6	228.0	3.9	7355.8	44.98	7.68	21.20				31.8	31.1	4.2	12.8
Total 2nd Pb Cleaner Concentrate	**673.5**	**11.5**	**7554.8**	**46.76**	**8.72**	**21.69**				**96.6**	**95.4**	**14.1**	**38.8**
Flotation Tails													
Bulk Tails, Cycle 4	1494.9	25.6	25.9	0.24	0.17	0.38				0.7	1.1	0.6	1.5
Bulk Tails, Cycle 5	1512.7	25.9	29.6	0.30	0.20	0.53				0.9	1.4	0.7	2.1
Bulk Tails, Cycle 6	1513.7	25.9	15.9	0.26	0.22	0.45				0.5	1.2	0.8	1.8
Total Bulk Flotation Tails	**4521.3**	**77.5**	**23.8**	**0.27**	**0.20**	**0.45**				**2.0**	**3.7**	**2.1**	**5.5**
Calculated Head	**5833.6**	**100.0**	**902.7**	**5.66**	**7.16**	**6.46**				**100.0**	**100.0**	**100.0**	**100.0**
Measured Head			948.2	7.22	7.88	6.90							

SIZE ANALYSIS REPORT

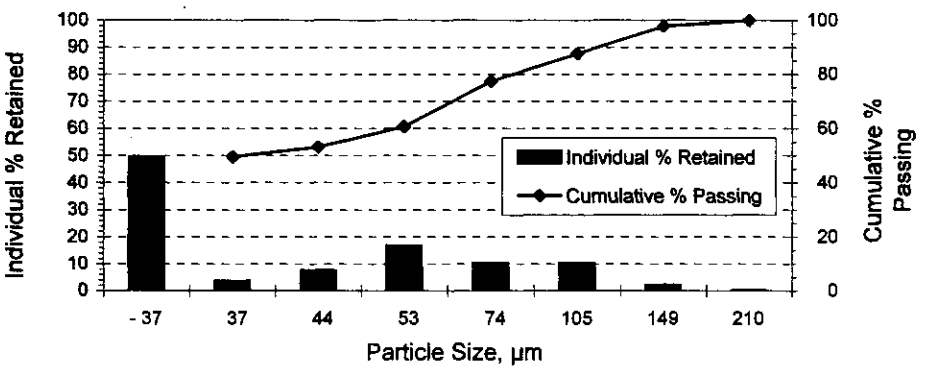
Client: Huldra
Test: LC, Cyc.1
Sample: Master comp.
Grind: 2 kg for 9.8 minutes at 65% solids in stainless steel mill #1.

Date: 17-Jan-08
Project: 0707109

Sieve Size		Individual	Cumulative
Tyler Mesh	Micrometers	% Retained	% Passing
65	210	0.1	99.9
100	149	2.1	97.8
150	105	10.2	87.6
200	74	10.2	77.4
270	53	16.7	60.7
325	44	7.5	53.2
400	37	3.6	49.5
Undersize	- 37	49.5	-
TOTAL:		100.0	

70 % Passing Size (µm) = 64

Size Distribution



SIZE ANALYSIS REPORT

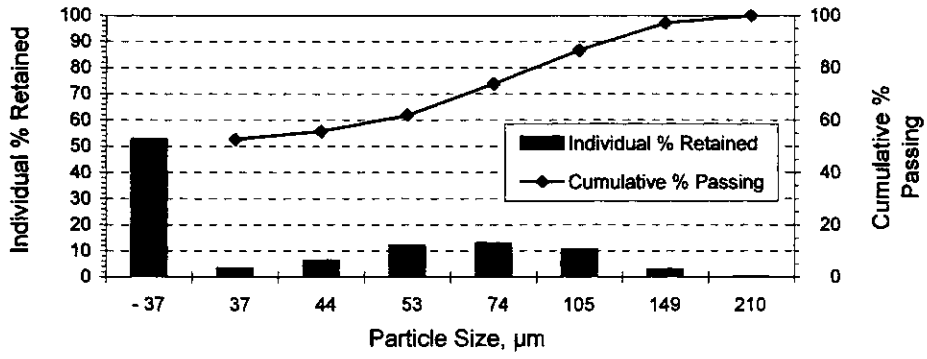
Client: Huldra
Test: LC, Cyc.2
Sample: Master comp.
Grind: 2 kg for 9.8 minutes at 65% solids in stainless steel mill #1.

Date: 17-Jan-08
Project: 0707109

Sieve Size		Individual	Cumulative
Tyler Mesh	Micrometers	% Retained	% Passing
65	210	0.0	100.0
100	149	2.8	97.2
150	105	10.5	86.7
200	74	12.8	73.9
270	53	12.0	61.9
325	44	6.2	55.8
400	37	3.1	52.7
Undersize	- 37	52.7	-
TOTAL:		100.0	

70 % Passing Size (µm) = 67

Size Distribution



SIZE ANALYSIS REPORT

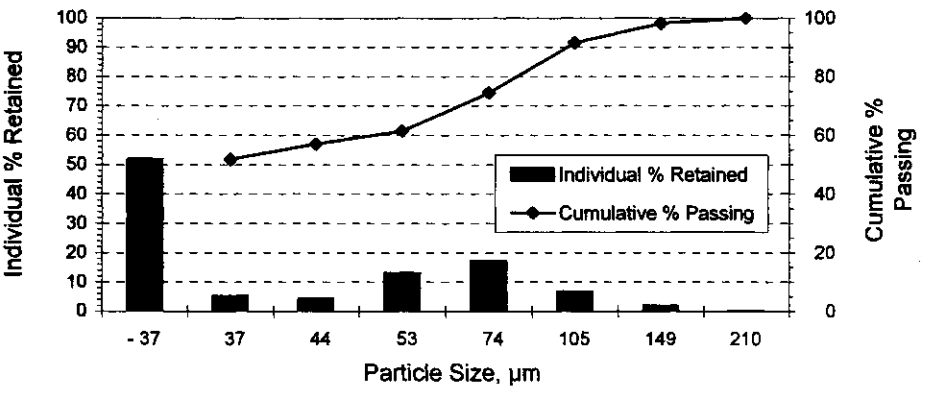
Client: Huldra
Test: LC, Cyc.3
Sample: Master comp.
Grind: 2 kg for 9.8 minutes at 65% solids in stainless steel mill #1.

Date: 17-Jan-08
Project: 0707109

Sieve Size		Individual	Cumulative
Tyler Mesh	Micrometers	% Retained	% Passing
65	210	0.0	100.0
100	149	1.8	98.2
150	105	6.7	91.5
200	74	17.1	74.4
270	53	13.1	61.4
325	44	4.4	57.0
400	37	5.2	51.8
Undersize	- 37	51.8	-
TOTAL:		100.0	

70 % Passing Size (µm) = 66

Size Distribution



SIZE ANALYSIS REPORT

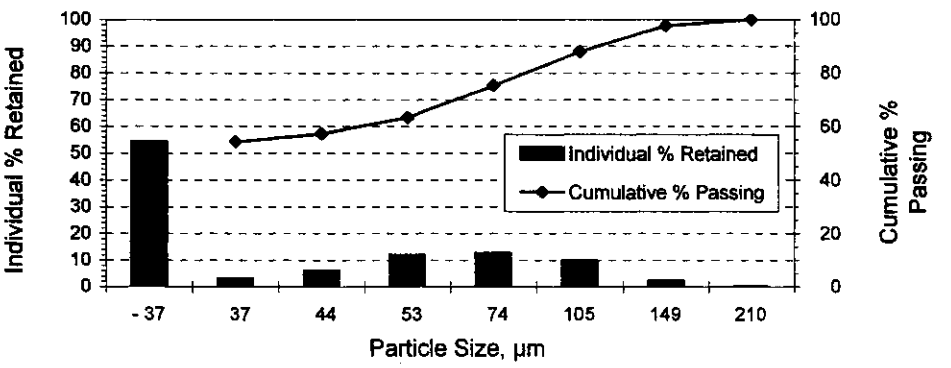
Client: Huldra
Test: LC, Cyc.4
Sample: Master comp.
Grind: 2 kg for 9.8 minutes at 65% solids in stainless steel mill #1.

Date: 17-Jan-08
Project: 0707109

Sieve Size		Individual	Cumulative
Tyler Mesh	Micrometers	% Retained	% Passing
65	210	0.0	100.0
100	149	2.2	97.8
150	105	9.8	88.0
200	74	12.7	75.3
270	53	11.9	63.4
325	44	6.1	57.3
400	37	3.0	54.3
Undersize	- 37	54.3	-
TOTAL:		100.0	

70 % Passing Size (µm) = 64

Size Distribution



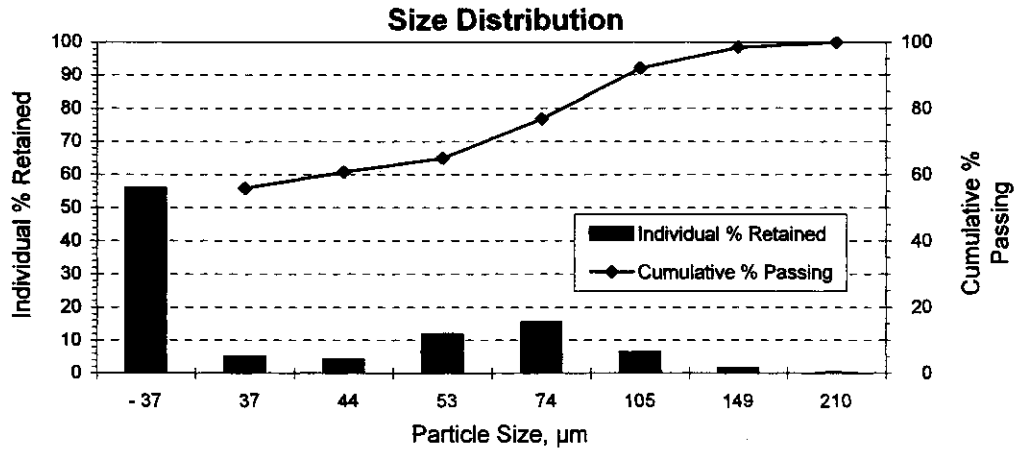
SIZE ANALYSIS REPORT

Client: Huldra
Test: LC, Cyc.5
Sample: Master comp.
Grind: 2 kg for 9.8 minutes at 65% solids in stainless steel mill #1.

Date: 17-Jan-08
Project: 0707109

Sieve Size		Individual	Cumulative
Tyler Mesh	Micrometers	% Retained	% Passing
65	210	0.1	99.9
100	149	1.5	98.4
150	105	6.3	92.1
200	74	15.3	76.8
270	53	11.9	65.0
325	44	4.2	60.8
400	37	4.9	55.9
Undersize	- 37	55.9	-
TOTAL:		100.0	

70 % Passing Size (µm) = 61



SIZE ANALYSIS REPORT

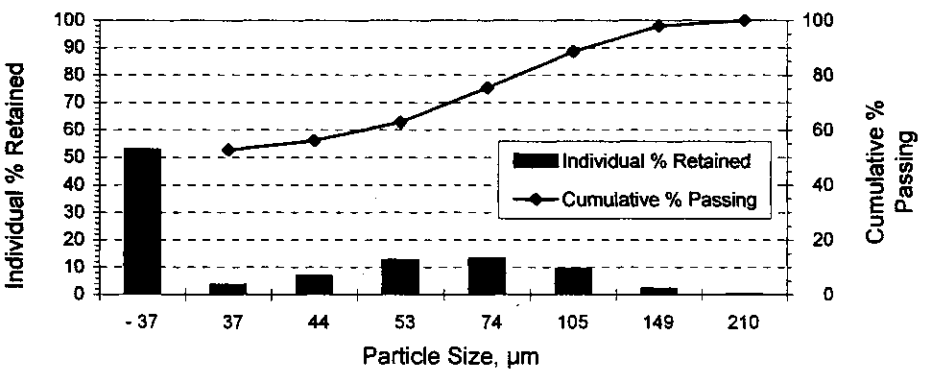
Client: Huldra
Test: LC, Cyc.5
Sample: Master comp.
Grind: 2 kg for 9.8 minutes at 65% solids in stainless steel mill #1.

Date: 17-Jan-08
Project: 0707109

Sieve Size		Individual	Cumulative
Tyler Mesh	Micrometers	% Retained	% Passing
65	210	0.0	100.0
100	149	2.0	97.9
150	105	9.3	88.6
200	74	13.2	75.4
270	53	12.5	62.8
325	44	6.7	56.1
400	37	3.4	52.7
Undersize	- 37	52.7	-
TOTAL:		100.0	

70 % Passing Size (µm) = 64

Size Distribution



SETTLING TEST REPORT

Client: Huldra
Test: ST-1
Sample: Locked cycle flotation tails

Date: 24-Jan-08
Project: 0707109

Time (min.)	Height (cm)	Sludge Density (w/w % solids)
0.00	35.8	26.7
3.00	35.4	26.9
8.00	35.0	27.2
16.00	34.2	27.7
25.00	33.5	28.2
33.00	33.1	28.5
58.00	31.2	29.9
75.00	29.5	31.2
97.00	27.4	33.1
110.00	26.0	34.5
120.00	24.9	35.6
140.00	22.4	38.6
188.00	20.5	41.2
252.00	19.3	43.1
332.00	17.6	46.0
382.00	16.9	47.3
458.00	15.9	49.3
1440.00	10.5	64.0

Slurry pH:	8.3
Coagulant:	n/a
Flocculant:	
Dry Solids Density:	2.90 g/cm^3
Liquid Density:	1.00 g/cm^3
Weight of Dry Solids:	647.0 g
Initial Slurry Weight:	2444 g
Initial Slurry Volume:	2000 mL
Initial Slurry Height:	35.8 cm
Initial Weight Percent Solids:	26.5 w/w % solids
Initial Settling Rate:	0.1 m/h
Final Sediment Volume:	605 mL
Final Sediment Height:	10.5 cm
Supernatant Clarity:	0
Floc Size:	1

Supernatant Clarity Scale

0 Crystal Clear, zero suspended solids
1 Transparent - some suspended solids
2 Somewhat transparent solution
3 Less cloudy, non-transparent solution
4 Very cloudy discernible solid/liquid interface
5 Opaque, no solid/liquid interface visible

Floc Size Scale

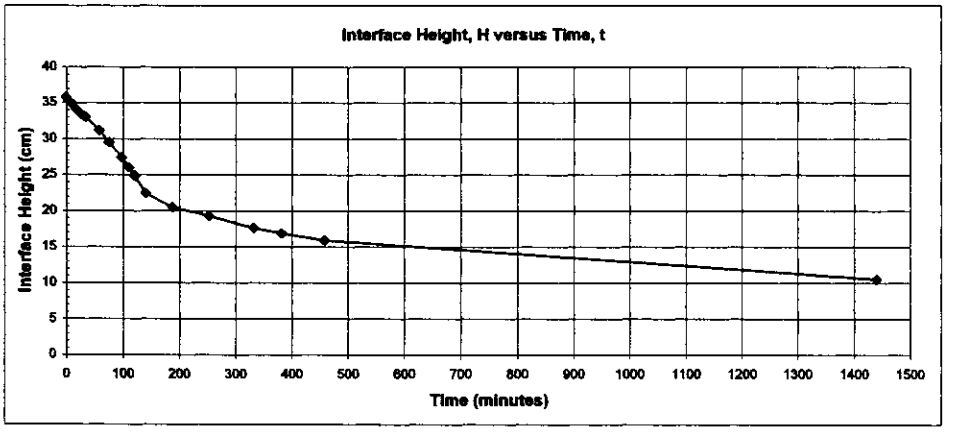
1 Very fine particles
2 to 9 Floc size increasing
10 Very large flocs

Unit Thickener Area Determination

ivenger Method/ Oltman Technique

Required Underflow Pulp Density:	50 w/w % solids
Compression Point:	13.2 cm
	949 min
Slope (Settling Rate), R:	0.3 m/d
Feed Dilution, F:	2.78 (weight solution/weight solids)
Underflow Dilution, D_u:	1.00 (weight solution/weight solids)
Liquid Relative Density, L:	1.00
Unit Thickener Area, A:	5.18 m^2/tpd solids

$$A = \frac{(F - D_u)}{\quad}$$



SETTLING TEST REPORT

Client: Huldra
Test: ST-2
Sample: Locked cycle flotation tails

Date: 24-Jan-08
Project: 0707109

Time (min.)	Height (cm)	Sludge Density (w/w % solids)
0.00	36.4	26.2
2.00	36.2	26.3
4.00	35.8	26.5
8.00	34.8	27.1
12.00	33.2	28.2
16.00	31.4	29.5
20.00	29.6	30.9
24.00	27.8	32.5
30.00	25.2	35.1
34.00	23.8	36.7
40.00	22.1	38.8
51.00	19.8	42.0
60.00	18.4	44.3
82.00	15.9	49.0
105.00	13.9	53.6
132.00	12.7	56.8
501.00	11.2	61.3
1440.00	10.0	65.5

Slurry pH:	8.3
Coagulant:	n/a
Flocculant:	P351 40g/t
Dry Solids Density:	2.90 g/cm^3
Liquid Density:	1.00 g/cm^3
Weight of Dry Solids:	647.0 g
Initial Slurry Weight:	2494 g
Initial Slurry Volume:	2050 mL
Initial Slurry Height:	36.4 cm
Initial Weight Percent Solids:	25.9 w/w % solids
Initial Settling Rate:	0.1 m/h
Final Sediment Volume:	590 mL
Final Sediment Height:	10.0 cm
Supernatant Clarity:	0
Floc Size:	1

Supernatant Clarity Scale

0 Crystal Clear, zero suspended solids
1 Transparent - some suspended solids
2 Somewhat transparent solution
3 Less cloudy, non-transparent solution
4 Very cloudy discernible solid/liquid interface
5 Opaque, no solid/liquid interface visible

Floc Size Scale

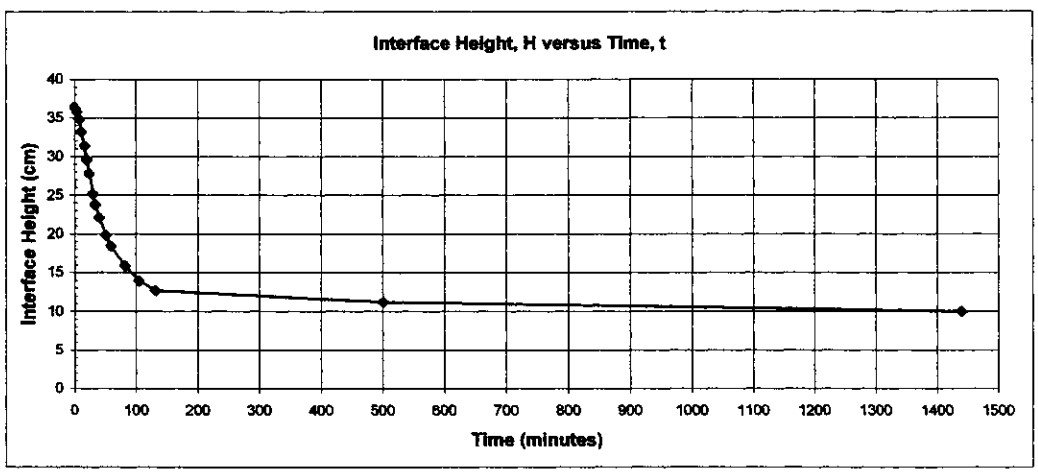
1 Very fine particles
2 to 9 Floc size increasing
10 Very large floc

Unit Thickener Area Determination

Kynch/Talmage-Fitch/Coe-Clevenger Method/ Oltman Technique

Required Underflow Pulp Density:	50	w/w % solids
Compression Point:	14.9	cm
	94	min
Slope (Settling Rate), R:	3.3	m/d
Feed Dilution, F:	2.85	(weight solution/weight solids)
Underflow Dilution, D_u:	1.00	(weight solution/weight solids)
Liquid Relative Density, L:	1.00	
Unit Thickener Area, A:	0.56	m^2/tpd solids

$$A = \frac{(F - D_u)}{\quad}$$



VACUUM FILTRATION TEST REPORT

Client: Huldra
Sample id: Locked Cycle Flotation
Filter area: 94.12cm2 (0.1013sq.ft.)
Filter cloth: Envirotech POPR-901F

Pulp density: 50%
Pulp temperature: 18
Pulp pH 8.3
Test series: VF-1

Date: 24-Jul-08
Project: 0707109
Technician: JZ

Test No.	Vacuum		Time			Cake				Crust			Filtrate	
	Form in Hg	Dry in Hg	Form sec	Dry sec	Cracks sec	Thickness (mm)	Wet (g)	Dry (g)	Moisture (%)	Wet (g)	Dry (g)	Moisture (%)	Volume (mL)	Clarity
VF1	26	26	21	50	no crack	2	34.2	27.5	19.6	6.64	5.3	20.2	19	0

Cake Capacity Determination

Dry lbs/sq.ft./h= 30.4 kg/m²/h **148.3**

Filtrate Capacity Determination

Gal/sq.ft./h= 2.5 L/m²/h **102**

Filtrate Clarity Scale

0 Crystal Clear, zero suspended solids
1 Transparent - some suspended solids
2 Somewhat transparent solution
3 Less cloudy, non-transparent solution
4 Very cloudy discernible solid/liquid interface
5 Opaque, no solid/liquid interface visible