

Gold Commissioner's Office VANCOUVER, B.C. GEOLOGICAL SURVEY BRANCH ASSESSMENT REPORTS

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# Report on Percussion Drilling on the Vale Mineral Claim 570

and Reclamation on the Why Not Fraction Lot #1209

Part of The Dverg Group of Claims NTS 92H/6E

Centered on Treasure Mountain in the Similkameen M.D. At Latitude 49°25'00"N and Longitude 121°03'20"W

for

HULDRA SILVER INC.

GEOLOGICAL BRANCH ASSESSMENT REPORT

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FILMED

E. Livgard, P.Eng. Vancouver, B.C. July 14, 1995

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#### SUMMARY AND CONCLUSIONS

Huldra Silver Inc. carried out a percussion drill program on its claim group on Treasure Mountain in the Similkameen M.D. The claim group covers about 2,000 hectares and can be reached via a 38 kilometres good logging road from the Coquihalla highway. The claims cover mineralization in the east-west, striking Treasure Mountain fault, which cuts arkose and argillite of the Cretaseous Paysayton group. The mineralization consists of argentiferous galena, sphalerite, pyrite, freibergite, chalcopyrite and minor antimony minerals in carbonate-quartz veins. The veins which may lie on one or both sides of a feldspar dyke has been partly exposed under-ground over a length of about 400 meters and to a depth of about 300 meters. Proven and probable reserves have been calculated to be 147,000 tonnes grading 960 g silver per tonne and a combined 11% zinc and lead.

Exploration outside the immediate mine area has located a large soil anomaly about 700 metres to the north in Sutter Creek Basin. Minor trenching has located mineralization similar to that at the mine, in criss-crossing fractures. Percussion drilling was carried out on the anomaly on the Vale claim in September 1994. The program consisted of 273 metres in six holes. Analysis of all bedrock drilling (216 metres) average 472 PPm zinc. Hole #5 averaged 26.8 g silver per tonne and 878 PPm zinc over its length of 36 metres.

The company also rehabilitated the camp area which was badly vandalized.

# INTRODUCTION

Huldra Silver Inc. carried out a percussion drill program on its Treasure Mountain claims and carried out a Reclamation program in the period, September 1st to October 21st, 1994.

The work was filed as assessment work and this report is submitted to fulfil the requirements in that regard.

# PHYSIOGRAPHY, LOCATION AND ACCESS

The mineral claims are located in the Amberty and Sutter Creek drainages at the head of the Tulameen river about 34 kilometres southwest of the village of Tulameen in the Similkameen Mining division. The claims are centered on Treasure Mountain at 49°25'00" North and 121°03'20" West.

Access is by well maintained logging road from the Coquihalla highway a distance of 38 kilometres. The turn-off is 52 kilometres north of Hope, B.C. The mine area on the south facing slope of Treasure Mountain is accessible by a good mine road. The claim area north of the mine is only in small part accessible to vehicles.

The climate is transitional between wet coastal and dry interior. Snowfall is in part, heavy.

# PROPERTY

The property consists of seven modified grid claims containing 73 units, 15 two-post and fractional claims, 7 reverted crown grants and one crown grant. It covers an area of about 2,000 hectares. The claims in the central area have been land surveyed.

All claims, fractions, reverted crown grants and the crown grants are 100% owned by Huldra Silver Inc.

# TABLE OF CLAIMS

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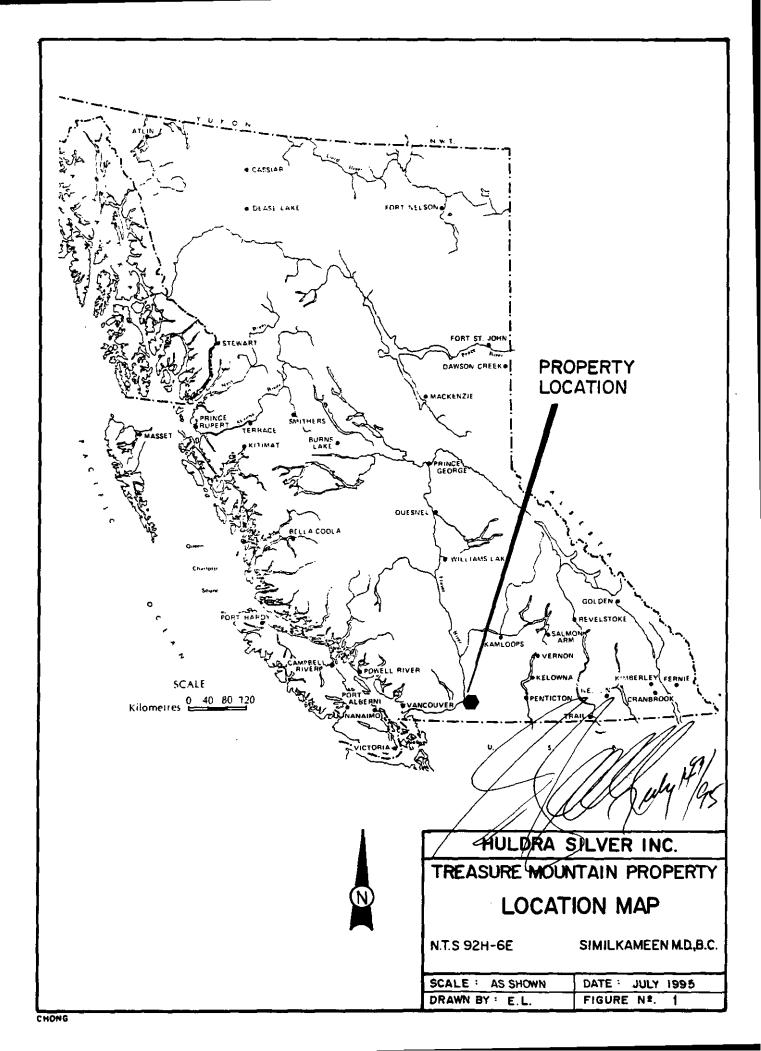
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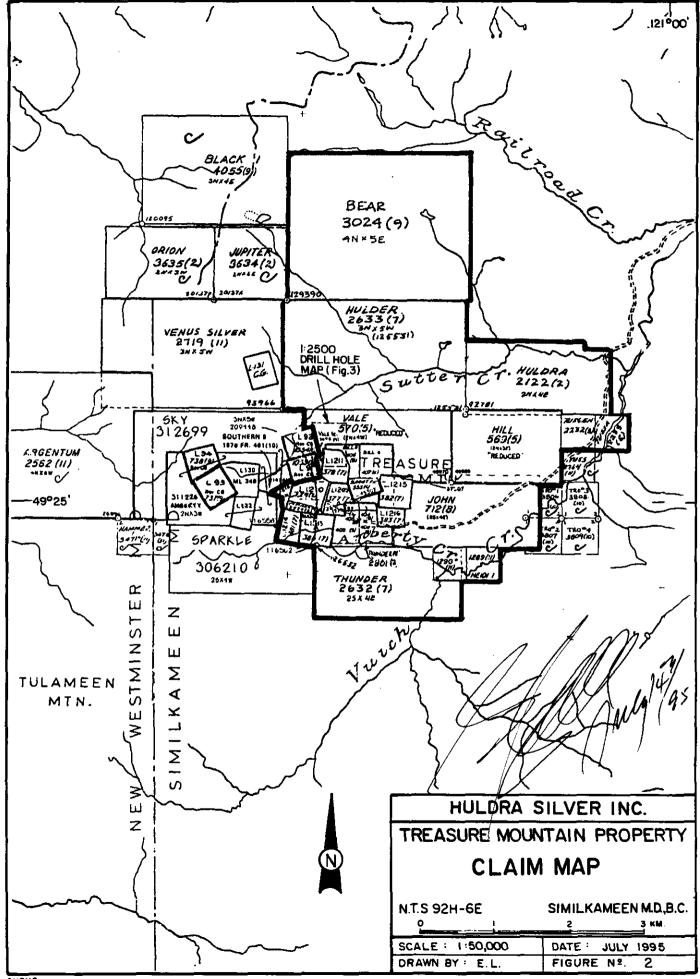
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Name	Claims or Units	Record No(s)	Expiry Date (with acceptance of this report)
Two Post Claims: Bill No 1 - 6	6	404 - 409	August 16, 2002
Summit Fr	1	553	April 12, 1999
Heidi No 1 - 2	2	1289-90	November 19, 1999
Tussen	1	2232	August 17, 2000
Tussa	1	2233	August 17, 2000
Troll Fr.	1	2640	July 28, 2002
Tamarack Fr.	1	2529	February 17, 1999
Thunder Fr.	1	249186	February 13, 1999
Vale Fr.	1	249249	September 14, 1999
MGS Claims: Hill	(6 units)	569	May 7, 2002
Vale	(8 units)	570	May 7, 2002
John	(8 units)	712	August 31, 2002
Hulder	(15 units)	2633	July 15, 2000
Huldra	(8 units)	2122	February 16, 1999
Thunder	(8 units)	2632	July 15, 2002
Bear	(20 units)	3024	September 14, 1997
Reverted Crown-Grants: Why Not Fr.		377	July 12, 2002
Why Not No. 3		378	July 12, 2002
Eureka Fr.		379	July 12, 2002
Tamarack		380	July 12, 2002
Tamarack No. 2		381	July 12, 2002
Lakeview		382	July 12, 2002
Why Not No. 2 Fr	Lot 1209	383	July 12, 2002
Crown Grants: Eureka	Lot 1210		





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### HISTORY AND DEVELOPMENT

The Summit Camp which includes the Treasure Mountain claims as detailed in this report was discovered in 1895. A large number of base metal-silver veins were discovered and by 1930 over 300 metres of drifting had exposed mineralization, mainly along the Treasure Mountain Fault on three levels. A mill consisting of jigs and tables was in production and between 1930 and 1932 treated about 4,000 tons and recovered 39,558 ounces of silver, 379,532 lbs of lead and 88,455 lbs of zinc.

In 1950 the property was optioned to Silver Hill Mines Ltd. which constructed a 50 ton per day flotation mill. The mill operated short periods and closed down in 1956 apparently due to lack of mine development funds.

Minor work only was carried out between 1956 and 1980 when Huldra Silver Inc. acquired the property. Huldra Silver carried out geochemical and geophysical surveys followed by diamond drilling. The diamond drill results were disappointing but in spite of this trenching was carried out and 250 metres of highgrade silver-lead-zinc mineralization was exposed. Diamond drilling to outline the mineralization down-dip again gave disappointing result and again, in spite of these results, it was decided to carry on and go under-ground. Drifting eastward on the vein from the old #1 level exposed about 180 metres of highgrade mineralization 50 metres below the surface trench exposures. During 1987-88 major development was carried out. About 1,800 metres of rehabilitation (enlarging of old mine openings) and drifting ahead below the surface exposures was carried out on four levels over a vertical distance of more than 300 metres. About 300 metres of raising was also done.

Calculations of reserves resulted in 147,000 tonne proven and probable grading 960 grams silver per tonne and about 11% combined zinc-lead. In addition, reserves of about 150,000 tonnes at comparable grade is indicated. Metallurgical testing obtained flotation recovery of 95% silver, 85-90% lead and 80% zinc with concentration ratio of 1:5.

A one year baseline environmental survey study showed that mine water has a high pH, probably due to the high carbonate content of veins and wall rock.

Since 1989 and the drop in silver prices, minor exploration work has been carried out. Extensions to mineralization has been exposed to the east and major parallel structures have been located. Soil surveying in Sutter Creek Valley has located two large areas of anomalous soil. Minor trenching was carried out on the best anomaly. It exposed stringers of criss-crossing mineralization. This reports describes percussion drilling on this anomaly.

A camp consisting of four trailers was brought in in 1987, and together with a preexisting cabin which was converted to a cook house and a small one man cabin about 18 persons could be accommodated. A toilet, showers and change washroom trailer was also part of the camp. The camp was maintained by a resident watchman in the period 1989-92. Later extreme vandalism wrecked it and the trailers were hauled out in 1995, the remaining

structures burned, and all garbage hauled to the Princeton dump. The ground was rehabilitated with an excavator.

#### **GEOLOGY**

The property lies within the Methow Trough, which is a northwest trending Jurassic-Cretaceous sedimentary-volcanic basin. The rocks consist of volcanic and volcanic derived sediments of the early to mid Jurassic Dewdney Creek formation and arkosic, argillicious and conglomerate sedimentary rocks of the early to mid-Cretaceous Paysayten group. A thrust fault separates the two.

The Paysayten rocks underlie most of the property. The Dewdney Creek formation to the west also hosts several similar and probably related mineral occurances.

The most prominent structure on the property is the east-west Treasure Mountain fault which has been intruded by a feldspar dyke. Mineralization is found on one or both sides of the dyke. This is called the "C" vein.

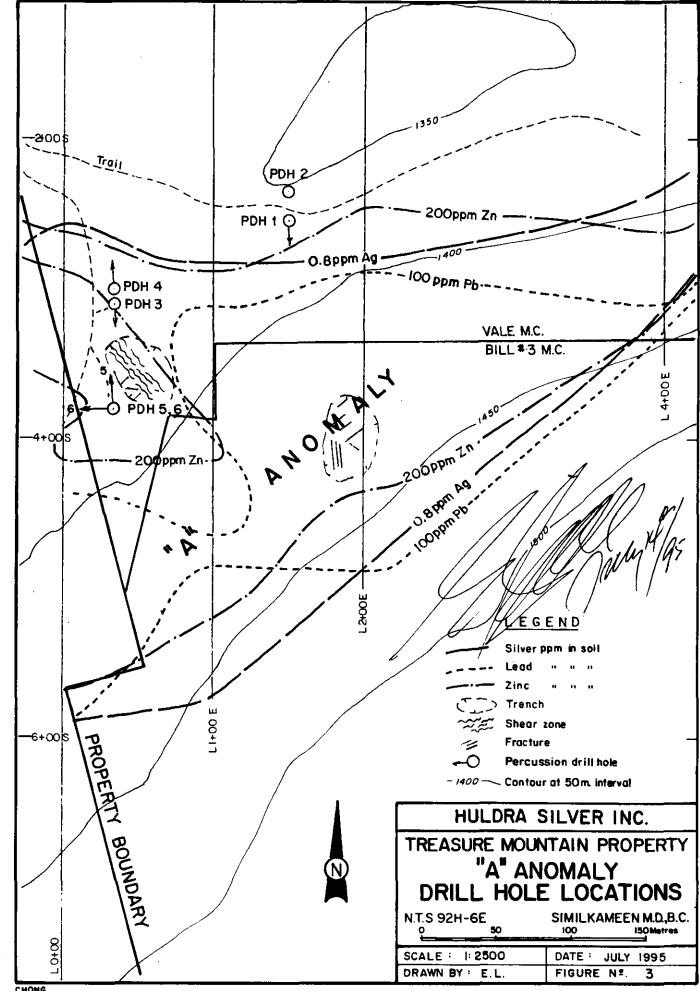
The mineralized veins are from a few 10's of centimetres to 2.0 metres in width and contain galena, sphalerite, pyrite, chalcopyrite, tetrahedrite, boulangerite, bournonite and minor stibnite and native silver in a gangue of quartz-carbonate. The mineralization extends over a vertical distance of at least 300 m as exposed in the mine. The mineralization changes from carbonate sphalerite-galena-tetrahedrite near surface to quartz-black sphalerite on the bottom level.

A diamond drill hole intersected a carbonate-galena sphalerite vein 300 metres below the bottom level. It appears to lie en echelon to the vein in the mine workings.

Carbonate introduction in wide spread fracturing is prominent around the mine area as is managanese stain probably from rhodocrosite.

#### SOIL ANOMALY "A"

A soil anomaly extending 800 metres east-west over a width or about 150 metres has been located about 700 metres north of the mine in the Sutter Creek Valley. Two small trenches have been excavated on the anomaly and mineralization similar to that at the mine has been located.



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Six short percussion holes have been drilled in the anomaly. The values come from fractures which have been filled with quartz and carbonate containing sphazerite, pyrite, galena and freibergite. The fracture strike,

â	azimuth	1 0°	and	dipping	about	60° East
	11	45°	H			vertically
a few	11	90°	#	11		vertically
very fev	v "	135°		11		vertically.

A shear zone has also been exposed by the trenches. Percussion hole #5 was drilled through this shear. The shear is about 4 metres wide and strikes about 130° Az and dips 80° to the northeast.

This soil anomaly has its counterpart on the other side of Sutter Creek Valley, 400 metres to the north. Very careful structural mapping is of utmost importance.

#### PERCUSSION DRILLING

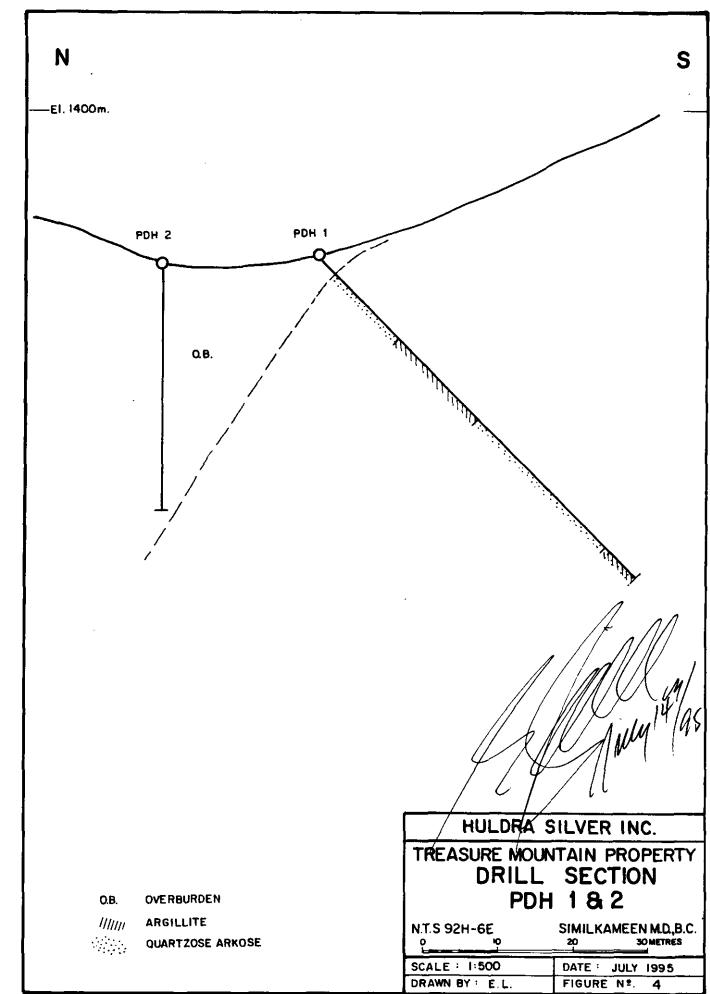
The Company has carried out a small percussion drill program on its Treasure Mountain property. It was designed to check the bedrock under the "A" anomaly about 700 metres north of the underground workings on the "C" vein.

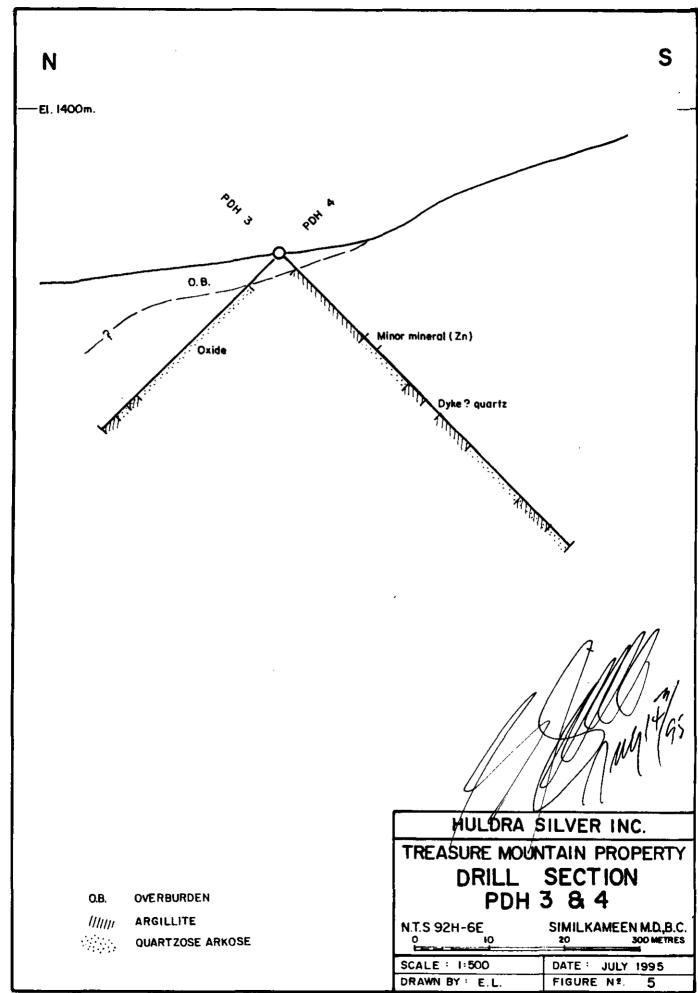
Northspan Exploration Ltd. of Kelowna, carried out the drilling using a percussion drill rig mounted on excavator tracks same size as John Deer 450. This machine is very mobile and requires little in the way of drill pads and only a rough access road. The bits were 10 cm in diametres. The holes were drilled dry until water was encountered, then it was necessary to add further water.

The drill cuttings were collected in a 5 gallon bucket every 10 feet and put through a splitter and <sup>1</sup>/<sub>8</sub> was collected in plastic sample bags. A handful of mixed chip cuttings was taken from each sample for further study. The samples were submitted to Min-En Labs in Vancouver for analysis of 30 elements using ICP (Induced Coupled Plasma). The better values were analyzed for silver by fire assay.

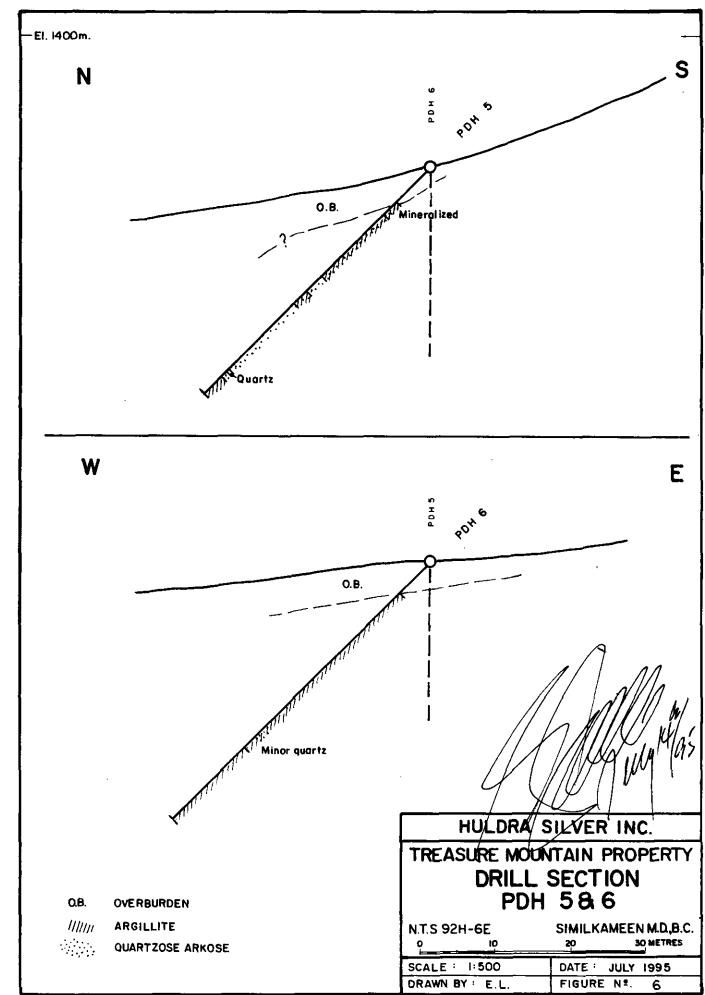
The program consisted of six holes totalling 273 metres, 216 metres of which was in bedrock. All bedrock drilling averaged 472 PPm zinc. Hole #5 averaged 26.8 g silver and 878 PPm zinc over its total length of 36 metres. All the cuttings are stored at 3475 West 34th Avenue, Vancouver.

The following table gives the details of the drill holes.





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# TABLE OF PERCUSSION DRILL HOLES

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Hole No.	Azim	Dip	Depth	Over Burden	Rock	Elevation	Coordinates
<b>94 -</b> 1	180°	-45°	60.95 m 200'	3.05 m 10'	57.90 190'	405 m	150 E - 256 S
94 - 2	0°	-90°	32.92 108'	32.92 108'	-	402	150 E - 236 S
94 - 3	1 <b>80°</b>	-45°	54.85 180'	3.05 10'	51.80 170'	408 m	33 E - 307 S
94 - 4	0°	-45°	33.50 110'	6.1 20'	27.40 90'	408 m	33 E - 307 S
94 - 5	0°	-45°	42.65W 140'	6.1 20'	36.65 120'	418 m	33 E - 379 S
94 - 6	270°	-45°	48.75 160'	6.1 20'	42.65 140'	418 m	33 E - 379 S
6 holes total			273.62	57.32	216.3	:	

Respectfully submitted egate, P.Eng.

#### REFERENCES

Report on Treasure Mountain Mineral Claims Tulameen Area Similkameen M.D. B.C. NTS 92H/Ge Lat. 49°25'00"N Long 121°03'20"W For Huldra Silver Inc. by J.J. McDougall & Associates Ltd. 7720 Sunnydene Road Richmond, B.C. V6Y 1H1

Exploration in B.C. 1989 BCDM Treasure Mountain By R.E. Meyers and T.B. Hubner

#### CERTIFICATE

I, EGIL LIVGARD, of 1990 King Albert Avenue, Coquitlam, B.C., do hereby certify:

- 1. I am a Consulting Geological Engineer, practising from #436 470 Granville Street, Vancouver, B.C.
- 2. I am a graduate of the University of British Columbia, with a B.Sc., 1960 in Geological Sciences.
- 3. I am a registered member in good standing of the Association of Professional Engineers of the Province of British Columbia, Registration No. 7236.
- 4. I have practised my profession for over 25 years.
- 5. This report dated July 14, 1995 is based on the references as listed and on the writer's work on the property numerous times between 1979 and 1995.
- 6. I have a direct interest in and beneficially own, securities of Huldra Silver Inc. and I am a Director of the Company.

Dated at Vancouver, British Columbia this 14th day of July 1995.

Egil Livgard, B.Sc, .Eng

APPENDIX A

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# COST OF PROGRAM

# Drilling:

Percussion Drilling (Northspan Exploration)	\$ 11,053.00
Excavator - Access and pads (Tri Valley Construction)	6,018.00
Camp and Travel Costs	3,273.00
Assaying (Min-En Labs)	837.00
Drafting (Geodrafting)	462.00
Geology - Engineering and Report (Livgard Consultants)	3,400.00
Typing	192.00
Supplies	478.00
Supervision and sampling M. Bratlein } 10 days @ \$450.00 K. Petterson }	4,500.00
	\$ 30,213.00
Reclamation:	20,000.00
	\$ 50,213.00

APPENDIX B

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# Page 1

# PERCUSSION CHIP LOG

<u>Hole 94 - 1</u>	
0 - 6.1 m (0 - 20')	Overburden
6.1 - 9.15 (20 - 30')	90% Quartzouse arkose 10% Dark argillite - moderate sericitic alteration - minor oxidized flecks
9.15 - 12.20 (30 - 40')	Arkosic quartzite - light sericitic alteration
12.20 - 15.25 (40 - 50')	As above with 20% dark argillite
15.25 - 18.30 (50 - 60')	80% Black argillite 20% Arkosic Quartzite - minor pyrite
18.30 - 21.35 (60 - 70')	95% Black argillite 5% Quartz-sericite
21.35 - 24.40 (70 - 80')	90% Black argillite 10% Quartz-sericite
24.40 - 27.45 (80 - 90')	75% Black argillite 25% Quartzite - minor quartz veinlets with pyrite - light sericite alteration
27.45 - 30.50 (90 - 100')	Black argillite - minor quartz fragments with pyrite - a few hairlines of pyrite
30.50 - 33.55 (100 - 110')	<ul> <li>95% Quartzous arkose</li> <li>5% Black argillite</li> <li>minor quartz fragments with pyrite</li> <li>light sericite alteration</li> <li>some oxidation</li> </ul>

33.55 - 36.60	Arkose and arkosic quartzite
(110 - 120')	- minor sericite and oxidation
36.60 - 39.65	As above
(120 - 130')	Arkosic quartzite and arkose
39.65 - 42.70 (130 - 140')	Quartzose arkose - Flecks of phlogophite(?) - minor oxidation
42.70 - 45.75	95% Arkose with flects of phlogophite(?)
(140 - 150')	5% quartzvein fragments with small flecks of chlorite
45.75 - 48.75	60% Quartzite with chlorite flecks
(150 - 160')	40% Quartzouse arkose with flecks of phlogophite(?)
48.75 - 51.8	60% Quartzouse arkose with flecks of phlogophite(?)
(160 - 170')	40% quartzite with minor chlorite
51.8 - 54.85 (170 - 180')	missing
54.85 - 57.9 (180 - 190')	50% Arkose with moderate sericitic alteration - minor phlogophite(?) and oxidation 50% Black argillite with minor pyrite
57.9 - 60.95 m (190 - 200')	50% Black argillite 50% Quartzouse arkose - brown and oxidized

<u>Hole 94 - 2</u>

0 - 32.92 m Overburden

- ABANDONED -

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<u>Hole 94 - 3</u>	
0 - 3.05 m (0 - 10')	Overburden
3.05 - 6.1 (10 - 20')	Black argillite 5 - 10% quart vein material as fracture filling with minor pyrite - minor quartzite
6.1 - 9.15 (20 - 30')	Black argillite with 5% quartz - minor oxidized fragments
9.15 - 12.2 (30 - 40')	As above - minor pyrite
12.2 - 15.25 (40 - 50')	As above
15.25 - 18.3 (50 - 60')	85% Arkose tan coloured with specks and fragments of oxide. 0.5% mineralization in the arkose consisting of pyrite and minor sphalerite
18.3 - 21.35 (60 - 70')	As above
21.35 - 24.4 (70 - 80')	<ul> <li>85% Quartzouse arkose</li> <li>frequent oxide flecks</li> <li>hematite on fractured</li> <li>moderate sericite alteration</li> <li>15% Black argillite</li> </ul>
24.4 - 27.45 (80 - 90')	95% Black argillite with minor flecks of oxidation 5% Quartz and arkose fragments with sericitic alteration
27.45 - 30.5 (90 - 100')	<ul> <li>10% Black Argillite</li> <li>light grey fragments of dyke(?) with (inclusions of) angular darker fragments and minor pyrite</li> <li>minor quartz fragments</li> <li>fragments of oxidized sericite-quartz</li> <li>minor fresh pyrite on argillite and quartz fragments</li> <li>hairline pyrite filled fractures</li> </ul>

30.5 - 33.55 (100 - 110')

Black argillite - minor oxidized fragments

33.55 - 36.6 (110 - 120')	Black argillite 5% fragments (and adherence to argillite) of quartz and yellow-green sericite (? from strong alteration of feldspar) - minor quartzite - minor pyrite
36.6 - 39.60 (120 - 130')	60% Arkosic Quartzite 40% black argillite - occasional phlogophite(?) - minor quartz fragments
39.6 - 42.65 (130 - 140')	Arkosic Quartzite - minor phlogophite and oxide
42.65 - 45.7 (140 - 150')	As above with minor arkosic fragments
45.7 - 48.75 (150 - 160')	60% Dark grey argillite(?) 40% Quartzose arkose with moderate sericitation
48.75 - 51.8 (160 - 170')	65% Arkosic quartzite 30% quartzouse arkose 5% black argillite - minor sericitic alteration
51.8 - 54.85 (170 - 180')	50% Arkosic Quartzite 20% Arkose - moderate yellow sericitic alteration

<u>Hole 94 - 4</u>	
0 - 6.1 m (0 20')	Overburden
6.1 - 9.15 (20 - 30')	Arkosic quartzite with flecks of chlorite
9.15 - 12.2 (30 - 40')	Quartzouse arkose with much medium brown glassy flecks (phlogophite?)

12.2 - 15.25 (40 - 50')	As above
15.25 - 18.3 (50 - 60')	65% Arkosic Quartzite 35% Arkose with brown flecks (as above) 0.5% highly oxidized fragments with some brown orange tinged oxide
18.3 - 21.35 (60 - 70')	85% Arkosic quartzite 15% Arkose with brown translucent flecks (appears to be in book form) probably phlogophite(?)
21.35 - 24.4 (70 - 80')	75% Arkose with phlogophite(?) 25% Quartzite chlorite - minor oxide
24.4 - 27.45 (80 - 90')	As above
27.45 - 30.5 (90 - 100')	40% medium grey argillite 60% Quartzouse arkose which is brown and fine grained
30.5 - 33.50 (100 - 110')	95% Dark argillite 4% Quartz-feldspar (Dyke?) 1% arkose brown find grained.

<u>Hole 94 - 5</u>

0 - 6.1 (0 - 20')	Overburden
6.1 - 9.15 (20 - 30')	35% Argillite 45% arkose 15% quartz 5% oxide-pyrite-sphalerite-tetrahedrite
9.15 - 12.2 (30 - 40')	80% Phyllitic argillite 20% arkose - minor oxidations

12.2 - 15.25 (40 - 50')	65% Phyllitic argillite 35% quartzite - minor quartz
15.25 - 18.3 (50 - 60')	80% phyllitic argillite 20% quartzite - minor pyrite
18.3 - 21.35 (60 - 70')	85% slightly phyllitic argillite 15% quartzite
21.35 - 24.4 (70 - 80')	As above with minor pyrite on fracture surfaces
24.4 - 27.45 (80 - 90')	<ul> <li>50% phyllitic argillite</li> <li>50% quartzite</li> <li>minor oxide</li> <li>minor pyrite on argillite fracture surfaces</li> <li>one quartz fragment with dark grey sulphide</li> </ul>
27.45 - 30.5 (90 - 100')	85% Arkose with feldspar lightly sericitized and minor oxide 15% phyllitic argillite - minor fractures with pyrite
30.5 - 33.55 (100 - 110')	90% Arkosic quartzite 10% phyllitic argillite - some oxidation - minor quartz
33.55 - 36.6 (110 - 120')	As above
36.6 - 39.65 (120 - 130')	As above with 10% oxidized quartz vein material - minor pyrite
39.65 - 42.65 (130 - 140')	80% phyllitic argillite 20% quartzite - minor quartz

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# <u>Hole 94 - 6</u>

0 - 6.1 m (0 - 20')	Overburden
6.1 - 9.15 (20 - 30')	Argillite minor quartzite - minor stringer of quartz and of calcite
9.15 - 12.2 (30 - 40')	Argillite - graphitic - minor pyrite on fractures
12.2 - 15.25 (40 - 50')	As above (non graphitic)
15.25 - 18.3 (50 - 60')	As above
18.3 - 21.35 (60 - 70')	As above
21.35 - 24.4 (70 - 80')	As above
24.4 - 27.45 (80 - 90')	As above with minor quartz fragments with pyrite
27.45 - 30.5 (90 - 100')	As above
30.5 - 33.55 (100 - 110')	90% Argilite 10% arkose with minor scattered pyrite
33.55 - 36.6 (110 - 120')	Black argilite with minor disseminate pyrite and in fractures very minor quartz with pyrite
36.6 - 39.60 (120 - 130')	As above with 2 - 3% quartz with 20% pyrite and oxide
39.60 - 42.65 (130 - 140')	Black argillite with minor disseminated pyrite
42.65 - 45.7 (140 - 150')	As above with minor quartz with pyrite

45.7 - 48.75	Black argillite with increasing pyrite in hairline fractures and
(150 - 160')	disseminated
	- minor quartz (stringers <sup>1</sup> / <sub>2</sub> mm) with 20% pyrite and also minor grey-
	blue quartz

APPENDIX C

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CONP: HALDRA SILVER

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#### PROJ:

#### ATTN: N. Pratika

#### MÍN-EN LABS - ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7N 122

FILE NO: 4V-1066-RJ3

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DATE: 94/10/21

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IN: H. Bratlien	40 0									(604)980-5		FAX: (604)	-050										* r				ACT:F3	
SMPLE NMER	AG A PPN		s N pp	N <u>P</u>	PH P	_	BI CA PPH 2	D PPN		CU FE PPN X	<u> </u>	LI NG <u>PPN X</u>	<b>Mi</b> <b>PPN</b>	MO PPH	NA X	NI PPM	P PPH	PS PPH	, SB PPH	SR PPH	TK PPN		<b>PPW</b>		GA PPM 1	SNI PPPN F	V CR PN PPH	
K-5 60-70 K-5 70-80 K-5 80-90 K-5 98-100	.2 1.0 1.0 1.0 10.9 1.0 9.1 1.0	5 9 5	1 1 1 1		66 1 55 1 52 1 53 1 56 1	54435	6 1.21 12 .70 12 1.10 10 .63 6 .63	.1	8 9 7	44 3.30 42 3.46 62 3.48 51 3.19	.18 .17 .19 .22 .19	33 1.49 33 1.54 31 1.50 26 1.46 25 1.35	872 669 840 881	4435	.07 .09 .10 .C9 .03	288828	860 890 830 840 820	41 34 50 77 69	24 24 36 35 32	124 144 143 128 85	2224	.05 5 .14 6 .13 6 .08 6 .03 5	55.0 58.7	113 75 160 300 20	35453	1	6 58 6 57 8 69 9 102	7   9   2
4-5 100-110 4-5 110-120 4-5 120-130 4-5 130-140	7.7 .9 11.3 .9 16.1 .9 9.2 .9	2 1 6	2		56 1 53 1 58 1 50 1 50 1 70 1	223357	0 .03 12 .58 11 1.05 13 .55 11 1.32		6 7 8 8	30 2.87 46 3.06 64 3.17 66 3.43 46 3.27 60 3.79	.13 .13 .15 .13	21 1.40 1	1548 1123 1729 1028	<u>4</u> 4 4	.03 .04 .03 .05	23 23 24 28	820 780 960 730 660 1250	62 97 63	2 34 2 13 28 34	80 111 87 109	5 3 2 3	.03 2	4.4 4.1 9.2 2.5	223 317 595 498 658 76	3 5 1 3	1 1 1 1 1	7 70 8 85 77 67	5
4-6 20-30 4-6 30-40	.8 1.1	2	1		50 1 70 1	.5 .7	11 1.09	.1	8 10	46 3.27 60 3.79	.15	26 1.43 31 1.67	901 868	5	.08	24 30	660 1250	73 52	28 34	170 200	23	. <b>10</b> 8	M.8	658 76	5	1	6 61 8 78	
N-6 40-50 N-6 50-60 N-6 50-70 N-6 70-80 N-6 80-90	.9 1.3 .9 1.3 1.4 1.3 .8 1.1 1.3 1.2	5 D I			78 1 59 1 76 1	7.6.6.4.5	11 .69 12 .60 17 .71 10 .74 7 1.27		9 10 12 9 10	49 3.60 54 4.04 62 4.25 47 3.36 55 3.78	.17 .16 .19 .17 .15	29 1.60 35 1.61 32 1.74 24 1.44 33 1.75 1	815 893 793 940	5444	.15 .12 .09 .06	28 32 33 28 33	680 800 760 750 970	41 37 36 73 53	35 33 31 29 34	217 184 163 143 133	33232	.10 7 .13 7 .20 7 .10 6	D.6	144 79 508 161 257	86555	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	8 70 7 63 7 64 55 8 73	5
X-6 90-100 X-6 100-110 X-6 110-120 X-6 120-130 X-6 120-130 X-6 130-140	.5 1.2 1.5 1.0 1.5 1.2 1.2 1.3 1.5 1.3	2 7 1 5	1 1 1 1		54 1 56 1		8 1.30 14 .62 16 .66 16 .92 15 .73	. 1	9 9 18 11 11	32 3.31 47 3.48 56 3.72 56 4.00 55 4.07	16	34 1.57 25 1.45 27 1.61 31 1.64	963 659 777 898 813	5344	.11 .08 .10 .12 .09	20 20 25 31 31	780 940 730 810 830	40 36 37 37 43	33 26 30 31	180 161 183 186 177	Z	.06 7 .18 6 .18 7 .20 7 .18 7	5.8 5.5 2.4 9.6	192 165 231 335 124	66545	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	8 84 7 69 8 71 8 68 7 59	
4-6 140-150 4-6 150-160	_9 1.1	3	1		58 1.	.5	12 1.36	.1		35 3.50 56 4.07	.14	28 1.55 1	1090 955	4	.08	31	850 1150	41 68	30 30 36	134 224	23	.13 7	4.8	120	4	1	7 58 8 72	
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#### MIN-EN LABS --- ICP REPORT FILE NO: 4V-1066-RJ1+2 COMP: HULDRA SILVER 8 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 DATE: 94/10/21 PROJ: FAX: (604)980-9621 TEL: (604)980-5814 \* rock chip \* (ACT:F31) ATTN: M. Bratlien Ň 1 NA X CA CD **P8** SB SE ZN GA SH BA **BE** BI CO CU FÉ LI HG 撊 MO ¥I. P 18 ٦T y, CR SAMPLE AL. AS E MG РРИ РРИ РРИ РРИ РРИ PPK X. PPN PPH PPH PPH PPN z PPH PPN PPM 1 z PPH x. PPH PPH PPM PPH PPH PPN PPH PPN z PP# WINBER 199 99 34 2.91 20 2.39 17 2.35 .36 .52 1.12 . 15 16 1.15 1256 35 .03 30 800 101 17 94 55.3 488 .06 92 94-1 10-20 Æ¢ .1 .77 88 1.0 6 .1 1 22 18 17 51.8 54.0 220 62 13 18 1.20 982 .03 570 73 81 .05 102 94-1 20-30 1 .79 1.0 6 .1 6 1 21 8 ₫¢/ Ark 17 1.16 42 17 922 4 .04 470 90 .07 100 94-1 30-40 48 .06 1 8 113 .78 1.0 6 6 26 2.64 <u>25 1.26</u> 31 1.59 22 118 34 222 500 53.8 13 898 웈 .07 98 40-50 ·1 ·% 125 22 05 40 100 94-1 5 .24 TOLO 730 .12 78.1 82 9 85 94-1 50-60 23 1.3 12 1.26 11 .13 47 2 .1 .7 1.59 .5 1.49 .6 1.22 .8 1.76 224.22 34 1.76 29 1.58 26 1.35 .19 .20 .13 51 46 36 241 32 235 45 3.92 53 3.67 38 10 8 7 231 14 1.19 .1 11 1166 5455 760 . 16 95.8 100 93 1 94-1 60-70 1.3 1.4 **≤**# 14 1.08 12 .63 79 284 740 79 71 1.2 .1 11 861 1 .16 84.3 94-1 70-80 50 3.27 30 610 41 28 195 Í. . 13 68.9 1.1 .1 9 677 75 4 94-1 80-99 15 1.23 44 4.06 32 1.73 918 .25 37 1090 45 48 267 .17 95,8 94 61 224 11 94-1 90-100 1.3 .89 32 3.28 . 18 22 .97 676 .03 21 560 35 24 91 80 9 112 87 .46 4 1.08 61.6 94-1 100-110 HAL 4 1.0 8 .1 6 2 16 2.19 18 1.03 .05 16 400 37 20 .07 51.4 100 3 Dal .2 .82 74 .9 1.09 5 . 11 842 103 1 1 9 116 94-1 110-120 8 .1 35453 26 2.23 13 2.30 17 2.16 855 19 440 18 105 53.7 105 61 7 1.18 . 09 19 1.11 .05 46 1 .07 2 10 160 94-1 120-130 " .80 .9 , 1 5 -1 46 17 19 1.06 .04 18 450 1 .07 47.2 169 9 138 .71 5 .15 1103 1 .1 .77 70 .8 8 .1 94-1 130-140 And R 460 350 39 27 .03 21 17 62 39.0 9 143 10 161 75 .9 1.28 . 19 18 .96 1831 1 .01 178 1 4 .1 94-1 140-150 u F .1 .74 .06 13 15 91 .62 73 К 12 1.67 .15 11 .71 830 .02 31.4 80 Z 1 .6 4 1.26 .1 1 94-1 150-160 .1 30 32 11 1.88 9 2.08 12 3.09 67 76 **5**9 2 1.33 3 1.29 . 15 14 .81 1125 43 .03 15 400 15 .01 28.1 170 8 124 .8 4 94-1 160-170 .61 .1 .1 .03 19 14 .86 1109 17 360 37.5 91 .9 .1 . 19 -01 -75 2 8 126 -75 94-1 170-180 -52 94-1 180-190 50 Pm4 19 1.16 1764 4 .02 26 610 28 140 59.0 4 10 131 6 1.60 .05 ъ .1 1.16 120 1.3 .1 6 . 26 7 1.17 20 3.06 29 17 1.30 206 03 28 25 75 .02 5Z.8 211 127 .1 1.00 111 1.3 770 <u>94-1 190-2</u> 94-3 10-20 190-200 £. 41 • 31 174 84.5 546 11 57 3.96 .21 28 1.73 1066 .12 37 669 74 .13 8 82 Ŧ .1 1.38 118 12 .60 1 ٦.3 te 222,215 57 32 180 5 1.45 142 17 .74 .1 12 47 4.26 29 1.89 1189 4 .13 37 820 .21 106.5 86 9 78 専民 94-3 20-30 1 1.3 <4 56 3.82 55 4.04 67 3.26 22 1.59 . 15 31 30 226 .ži 86.9 ģ 1.1 1.34 135 17 .84 10 760 4 1000 51 115 81 94-3 30-40 1.1 .1 24 1,68 796 20 1.13 1265 30 1.05 2226 34 1060 24 600 25 460 <u>30 227</u> 23 117 15 04 03 96.9 87 55.3 1653 .23 134 1.2 17 .97 11 48 60 94-3 40-50 94-3 50-60 66 .96 Q .65 6 6 -46 . 10 7 93 BBS 1.1 -1 .59 33 2.85 18 .79 17 1.3 . 19 4 511 -41 1 .03 44.7 1135 8 104 4 74-3 60-70 .1 1 1 33523 69 .53 7 3 .03 670 25 111 4-3 70-80 94-3 80-90 94-3 90-100 80 1.6 40 3.39 <del>23</del> 18 24 1.39 2268 220 64.6 847 a 04 6 .50 47 3 83 23 1.68 1112 .06 730 77 27 .13 1.15 92 9 80.7 .9 1.6 12 3 246 80 ł ĩ, **.**t 42 3.53 .9 1.18 116 1.3 11 .68 9 .19 22 1.64 1047 710 50 26 153 .12 81.6 200 8 92 76 1 ħ. 9 43 3.89 22 1.80 1203 4 .09 57 30 144 .96 93.3 10 860 118 94-3 100-110 زك 1.3 1.20 107 1.6 15 .1 . 12 1 .17 22 1 8 37 3.44 20 1.44 1358 3 .07 28 780 48 28 133 8 118 12 .81 8 . 19 .13 76.0 148 50 94-3 110-120 .8 1.08 1 1.5 .1 1 1 61.0 2143 42.0 162 43.6 147 59 3.45 5 - 03 28 760 217 27 94-3 120-130 pak 602 .1 .97 78 1.6 8 5 1.50 .24 19 1.17 2688 70 .05 89 .1 8 .04 330 .06 94-3 130-140 45 -63 -58 11 1.77 .09 13 .81 791 1 15 35 13 75 76 .61 .8 .1 45 6 .6 .99 826 333 .6 17 2.09 .09 16 16 410 - X 15 .9 .1 98 72 94-3 140-150 .72 6 1 67 1 28 21 2 .1 6 .24 21 1.46 1954 .03 83 113 1.5 .81 32 3.25 810 ; 70 26 69 -02 58.8 439 **Ľ/∔** .1 1.05 6 1 94-3 150-160 🛴 🔊 1 1 #3 23 2.51 18 7 101 .75 68 1.2 7 .77 .1 5 15 1.07 1549 . 03 560 139 68 .05 47.2 996 1 94-3 160-170 4 .30 .31 .01 111 1.3 3 1.34 48 2.37 54 2.21 14 .81 1573 .03 19 540 114 19 35.4 1453 8 121 .79 25243 65 94-4 20-30 .1 1 4 1.05 14 530 223 .30 103 3 .74 1587 16 78 19 56 .01 32.1 1091 10 153 94-4 30-40 .1 44 1 1 1 .25 .62 55 2.33 16 .85 1334 .04 17 510 52 1 95 3 .81 18 73 .01 38.0 932 10 150 1 1.1 1 94-4 40-50 -1 Ş 69 ž 1 Ś 26 2.26 56 1.76 11 .64 1926 .03 18 405 16 38 27.7 880 .61 .68 390 -01 10 167 1 1.1 1 54-4 50-60 1 60 3 9 .57 1143 13 89 37 .53 1 .8 3 .75 .1 .20 .02 310 14 4 .01 24.3 617 Ź - 94 1 6 54-4 66-70 73 97 .76 .1 3 17 1.93 . 26 9 .60 1675 . 03 16 58 15 22.6 .1 .62 1.1 45 6 3 340 32 2 .01 497 11 197 94-4 70-80 23 .29 .25 .02 84 .62 Ī. 12 2.97 13 95 2888 460 22 37.1 10 139 94-4 80-90 \_1 .86 1.3 1 36 33 .01 921 20 1.50 3699 25 1.73 2743 2.2 32 4.63 58.5 932 86.<u>1 491</u> 70 .1 1.15 86 8 .59 Ŕ 4 .01 690 206 32 53 .02 ള 94-4 96-100 1 1.34 131 10 1.32 10 36 4.12 25 4 .07 41 31 740 107 35 85 Ž . 05 8 94-4\_100-110 5.51 .28 14 34.5 8 423 4.31 14 2948 910 661 39 >200.8 .91 80 1.22 .05 259 **'90** .08 53.1 7790 6 94-5 20-30 23 1.40 32 1.50 33 28 5.3 1.17 91 . 19 27 2 71.2 229 72.8 146 10 .81 8 47 3.31 826 3 . 11 850 55 .10 85 94-5 30-40 1.6 .1 141 5 878 1 1 1 39 9 1.42 94-5 40-50 2.0 1.20 68 1.6 .1 8 40 3.37 .17 765 4 .09 26 990 155 .09 3 73 1 1 85 30 1.52 4 28 1.1 1.25 1.6 9 1.22 .1 ŋ 48 3.53 .21 731 111 880 39 29 169 1 .09 77.1 88 3 90 94-5 50-60 1 1 1 ក្ត υ 22

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MIN-EN LABS

604 9809621 P.02

VANCOUVER OFFICE: 705 WEST 15TH STREET NORTH VANCOUVER B.C. CANADA V7M 1T2 TELEPHONE (604) 980-5814 OR (604) 988-4524 FAX (604) 980-9621

SMITHERS LAB.: 3176 TATLOW ROAD SMITHERS, B.C. CANADA VOJ 2NO TELEPHONE (604) 847-3004 FAX (604) 847-3005

# Assay Certificate

Company: HULDRA SILVER Project: Attn: M. Bratlien

We hereby certify the following Assay of 12 pulp samples submitted OCT-26-94 by M. Bratlien.

SPECIALISTS IN MINERAL ENVIRONMENTS CHEMISTS - ASSAVERS - ANALYSTS - GEOCHEMISTS

Au-Fire oz/ton	Ag g/tonne	Ag oz/ton	
.001	239.8	6.99	
	5.2	. 15	
	2.1		
	1.8		
	2.0	.06	
	1.7	.05	
	10.5		
	12.1	.35	
	16.5	.48	
	. 10.3	.30	
	oz/ton	oz/ton g/tonne .001 239.8 5.2 2.1 1.8 2.0 1.7 10.5 10.2 9.0 12.1 16.5	oz/ton         g/tonne         oz/ton           .001         239.8         6.99           5.2         .15           2.1         .06           1.8         .05           2.0         .06           1.7         .05           10.5         .31           10.2         .30           9.0         .26           12.1         .35           16.5         .48

321.2 12

120m + 26.77 3120

Certified by

MIN-EN LABORATORIES

#### 4V-1066-PA1

Date: OCT-25-94 Copy 1. Huldra Silver, Vancouver, B.C.

INERAL ENVIRONMENTS LABORATORIES (DIVISION OF ASLAVENE COPP.)