MAR 19720005: BIGHORN

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YARROW	CREEK	ZONE
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all beds	Average strike length	Assumed depth	Thickness	Cubic feet per ton	Estimated Tonnage	Average Surface Grade	Value per ton
	1600'	800'	150'	10	192 millio	n 0.5%Cu 0.2oz.	\$5.32 Ag
	•	Estimata	d mining	Estimate	a		
		costs pe	_	Profit	u Estimate	d	
		(open pi		per ton	Profit		
		\$5.00		32¢	\$61.44 m	illion	
		\					
Y - S BED							
a)	2500 '	50001	12'	10	15 million		\$15.00
•	1000'	5000'	10'	10	5 million		\$10.00
	1000'	5000'	7 '	10	3.5 millio		\$30.00
	2000'	5000'	6' .	10	6 million		
	1500'	5000 ' 5000'	8 ' 8 '	10 10	6 million 8 million		
	2000' 10000' t		ke length		o militon	1.0% 00	720.00
	10000 2	.ocar berr	ine rongon				
	•	Fatimate	ed mining				
		costs pe		Estimate	ed.		
		(undergr		Profit			
		\$10.00		\$75 mill	ion		
		\$10.00		\$ 0	.1011		
		\$10.00		\$70 mill	.ion		
•		\$10.00		\$ 0			
· -		\$10.00		\$18 mill	.ion		
		\$10.00		\$64 mill	ion		
				6007 41			
	TOT	CAL ESTIMA	ATED PROFIT:	\$22/ mlj	llion		
b) Assu			ATED PROFIT: 10 strike le		Llion		
b) Assu	ıming dep	oth at 1/1		ngth:	1		
b) Assu	nming dep	oth at 1/1	10 strike le	ngth: \$45.4 mi	illion		· · · · · · · · · · · · · · · · · · ·
b) Assu	ming der	oth at 1/1	lO strike le	ngth: \$45.4 mi	illion		· · · · · · · · · · · · · · · · · · ·
	ming der	oth at 1/1	lO strike le	ngth: \$45.4 mi	illion		

BLIND	CANYON	(GALENA)	ZONE:

			_				
BLIND CAR	NYON (GAI	LENA) ZONE	<u>:</u> :	1			•
a)	800'	400'	4 1	5	253,000	59.7%Pb 3.31oz. A	
		\$10.00	\$174.40				·
b)	800'	400'	14'	10	448,000	20.6%Pb 1.03oz. A	
		\$10.00	\$52.52	\$23.5 mi	llion		
c)	800 '	400'	19'	10		16.2%Pb 0.82oz.Ag	
	·	\$10.00	\$39.91	\$24.3 mi	 111ion		

SUMMARY:

SPIONKOP ZONE: 1.6 million tons averaging 3.1% Cu, 0.2 oz. per ton Ag.

Yarrow Creek Zone:

- a) if open pitted: 192 million tons averaging 0.5% Cu, 0.2 oz. Ag
 This is assuming a depth of 800 feet. A new discovery in the
 Blind Canyon indicates at least 3000 feet of mineralized
 quartzite.
- b) Y S Bed alone: 43.5 million tons averaging 1.29%Cu, Assuming depth at 1/10 strike length gives 8.7 million tons.

Blind Canyon Zone: 253,000 tons averaging 59.7% Pb, 3.31 oz per ton Ag, or 448,000 tons averaging 20.6% Pb, 1.03 oz per ton Ag, or 608,000 tons averaging 16.2% Pb, 0.82 oz per ton Ag.

TENTATIVE PROFIT ESTIMATE:

A tentative estimate of profit from these zones was calculated using \$10.00 per ton as a break-even value for underground mining and \$5.00 per ton for open pit mining. The results are:

Spionkop Zone - \$34.1 million

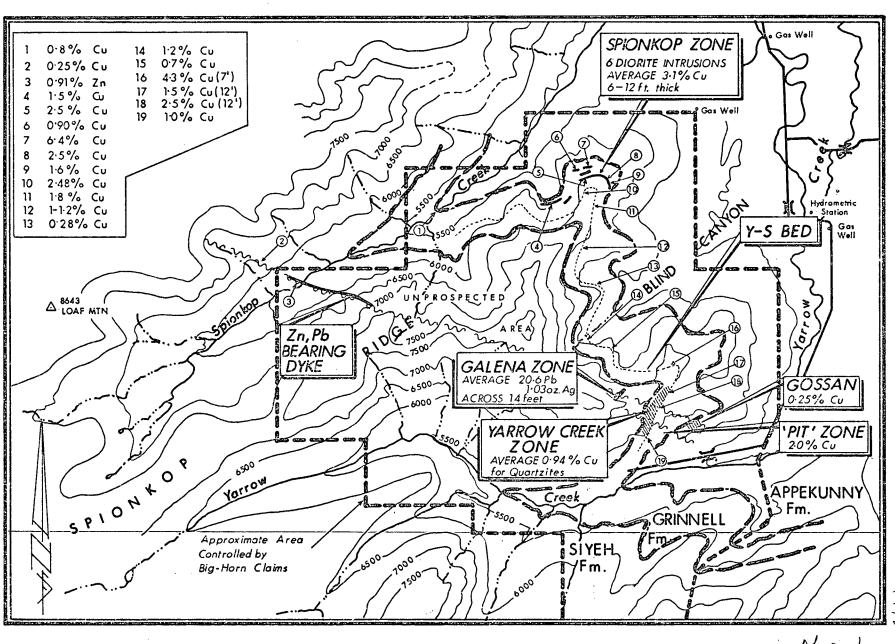
Yarrow Creek Zone - \$61.44 million

Y - S Bed alone - \$227 million

Y - S Bed using 1/10 - \$45.4 million strike as depth

Blind Canyon (Galena)Zone -

- a) \$44.1 million
- b) \$23.5 million
- c) \$24.3 million



SCALE $\frac{0}{E}$. Goble July, 1972. $\frac{2}{50,000}$

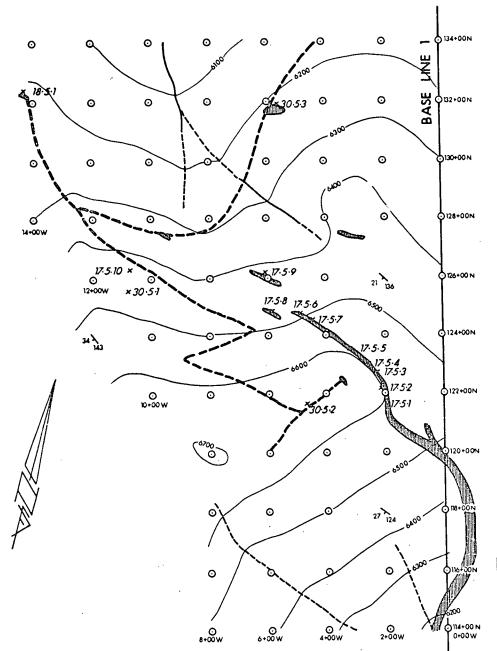
KINTLA EXPLORATIONS LTD ZONES OF MINERALIZATION
BIG-HORN CLAIMS

(47200g

Scale ≈ 1: 7,300 1 cm = 73 m (472000 S

Big Horn-Claims — Yarrow Creek Area

SW-Alberta SCALE 200 400 FEET



Sample	Thick.	Cu %	Zn%	Au oz/	Ag az/I.
17.5.1	7'	2.52	N.R.	N.R.	0.02
17:5.2	30'	2.32	N.R.	N.R.	0.10
17:5:3	2'	6.48	N.R.	N.R.	N.D.
17.5.4	6'	2.44	NR.	N.R.	N.D.
17.5.5	7'	1.88	N.R.	N.R.	N.D.
17.5.6	4'	2.68	N.R.	N.R.	0-22
17.5.7	9'	2.36	N.R.	N.R.	0.10
17.5.8	5'	1.60	N.R.	N.R.	0.07
17.5.9	8'	0.90	N.R.	N.R.	0.12
17.5.10	8'	2.48	NR.	N.R.	0.12
18.5.1	5'	0.32	NR.	N.R.	N.D
30.51 30.52	8', 7'	0.86	N.R. N.R.	N.R. N.R.	012
30.53 N.R.=		0.62 REQUIRE DETECTE	=	NR.	N.D.

Intrusive

Contour intervals 100 ft.

Base and picket line stations

21 Dips and strike of bedding 13677.5.8 Sample location with sample number

Control by chain & compass

Bearing of base line = 345° true

Base line measured from point 0+00N on Yarrow 0+00E Creek

MAP 3. KINTLA EXPLORATIONS LTD.

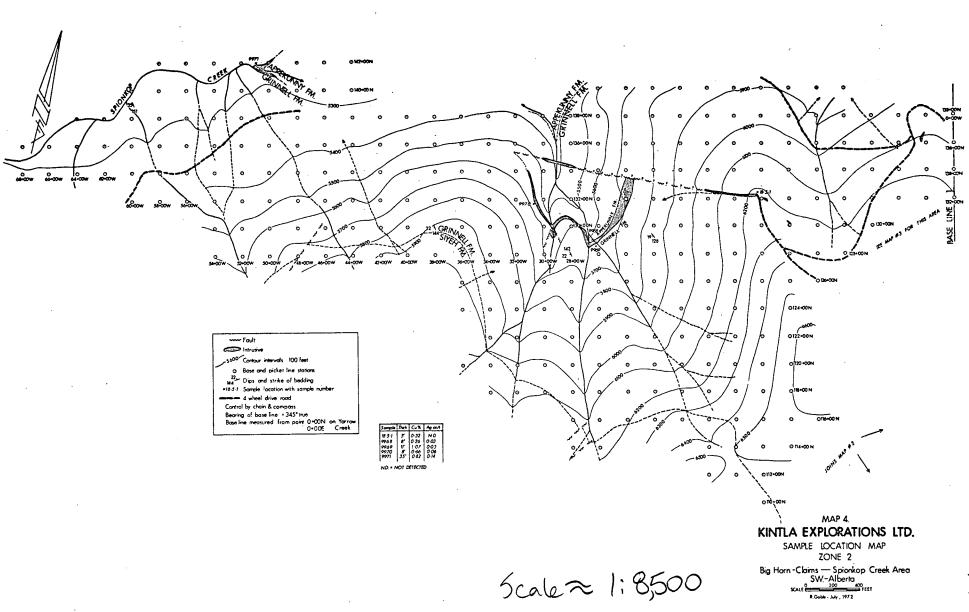
SAMPLE LOCATION MAP

ZONE 2

Big Horn-Claims — Spionkop Ridge Area SW.-Alberta

R.Goble -June 1972

Scale ~ 1: 4,000



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