

L. Jim

1953 - Zn-Fe ore mainly

Apr. 1941-53

2 months in 1948-53

569,000 tons ore

@ \$6.72

1941-1948 \$11.76/2

+ 1/2 million tons.

Gross Zinc - \$13.844 per ton.
 Other metals - \$2.48 "
 Total 16.324
 Less freight & mktg. - 11.533

Net Smelter - 4.791 per ton - 3.8074 per lb Zn.

Mining @ 2,900/T.

Ore Delivery 0.315

Milling 1.548 4.763

Plant Other .101

A.I.C. - .022

Amptns. - .008

M.S.A. - .012 0.143

Total Up Off - \$4.906

Indirect Exp. -

Tax purposes -

Ins. - .044

Total - \$4.34

Total Profit - 0.451

Aug/71 - contract surveys.

Sept/71 - Surf. mapping & soil sampling.

Oct/71 - Continue, alone & over-see dip. trucking.

Nov/71 - Office amptns.

Dec/71 - Visit J. Paulus' Camp, Map 9-level

Jan-Feb/72 - Quad 15 - complete more geol maps & X-sections.

April/72 - work leading to report #72-1

May/72 - assess report & assess work

June - maps & X-sec

July/72 - extend geol. & S survey ^{upper road construction} & over-see dip. trucking

Aug/72 - Complete drilling & logging

800858
Lucky Jim

Letterhead

1 to each of designated persons
all in letterhead

single space

||

22-1	20201	1.9	0.87	1.10	0.12
"	20202	1.0	0.30	0.00	0.00
"	20203	1.5	0.02	0.72	0.04
"	20204	1.0	0.510	0.2500	0.010
22-2	20205	1.8	0.47	1.02	0.44
"	20206	2.7	0.91	1.10	0.10
"	20207	3.7	0.07	0.02	0.00

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L.J. Core Assays - (Peter's core sampling)

DDH No.	Sample No.	Core length	oz Ag.	oz Pb	oz Zn
72-1	40301	104.5 106.4 1.9'	0.87	1.10	0.12
"	40302	106.9 108.0 1.6'	3.30	3.60	2.40
"	40303	131.8 136.0 4.2'	0.66	0.72	2.84
"	40304	159 160 1.0'	52.10	37.20	20.10
72-4	40305	93.3 95.1 1.8' 2.3'	1.02	0.49	10.00
"	40306	95.1 100.8 5.7'	7.31	7.10	6.10
"	40307	120.5 123.2 2.7'	0.64	0.45	8.20

could have
run out of Ca
before
the
of 72-1 zone

600' same PbS/mS

note 72-2 + 72-3 (?)
test 72-1 at depth

width

Ag	Pb	Zn
5.66	5.2	7.23

(note to true width)

Hole on S.W. Graham Anom. zone
but mini 12' hole - no long zone
near 40' gross width.
Peter re On Donaldson - need
min 60,000 -
better 75,000

Added d.d.h. layouts (July 26/72)

(A) Lower Drill Sta.

* 1. Col. 1'-2' R. of #72-4, swing 12° R (=5.28°E) and drill @ -40° for 200' map.

(This layout given to Jack Cranhurst prior to his recent visit (of last week in July) - phoned to Peter Aug. 15/72

(B) to follow up initial drilling from upper (72-2 + 72-3) drill sta.:

Call on inside edge of road @ 28' (H.D.) up road of A.D-19 (equiv. to 65' down road of col. 72-2 + 72-3) and drill 544° W @ -45° for 200' - 250' - phoned to Peter Aug. 15/72.

This to be given to Jack C. if phones in for it during his visit.

Note also, that although 72-6 reportedly got no more in (92.0 gms silic'm, silic.?) chances are that long he returned indicates that the to hard is consid. weaker than the 79' exposed on the stub X-C colit + (Delen. requires X-Test holes)

Lucky Jim

Soil Sample Data - Sept 6/71 - snow last night on
cont'd ridges & peaks

Sample #	Loc'n	Soil Descript.
L.J-17 ✓	D38 + 100', N.E	lt. Brown fine med.
- 18 ✓	" - 100' S.W	lt brown fine med.
- 19 ✓	D37 - 63'	med dk brown
- 20 ✓	" - 163'	gray brown fine
- 21 ✓	D36 - 60'	" "
- 22 ✓	D36 - 181'	gray arg.
- 23 ✓	D35 - 118'	dk/brown silty
- 24 ✓	D35 - 218'	gray - alpine brown
- 25 ✓	D34 - 40'	gray brown silty
- 26 ✓	D33 - 53'	dk brown silty
- 27 ✓	D32 + 40' on stub rd.	dk brown silty
- 28 ✓	D30 + 35' @ 510°W	gray arg.
25/325 - 29	- loc'n?	
30/415 - 30	- loc'n opp D-29	

Fyden soil samples on 'A' & 'B' lenses see sketch sheet (4)

Sample L.J-1
SNAP. OTC. C26 D+50'
1.0' heavily ox. pod
in hum. ls.

Ag - 5.80

Ph - 4.68 %

Zn - 8.00 %

Sept 20 - L.J. 47.
L.J. 47.

General Notes re Beechey Joss:

Sept 2. - Some of ls. (partic near contact w. hanging wall slates) is contort. + No. 1 tunnel strong - out piece due to flowage + break in comp. folding

Structural Control - Transverse (cross fractures) appear to comprise principal control, but note these develop over consid strike intervals of ls. bed. Note also that N-fractures (except very strong ones) do not carry into h.w. slates; therefore N-fract. could be a consequence (dilation or dilatation? effect of squeezing of some intervals (due to strike dip flex?) of ls. beds.

Ore: diss. to m. py, brown sphal, galena.

* alt. - in ore zones ls is + silicif. and/or veined by white qz.

Note galena tends to assoc w qz veins, but is also found as a replace ment in assoc. w. Fe-Zn replacements of alt. ls.

Post-Develop Pattern - Tunnel coll. in ls. band + + follows it closely below 'h.w.' slates to inner end of stope; then turns (or strike of beds changes) into h.w. slates;

Note ~~we were near inner end of lateral, but could not find collar of holes~~