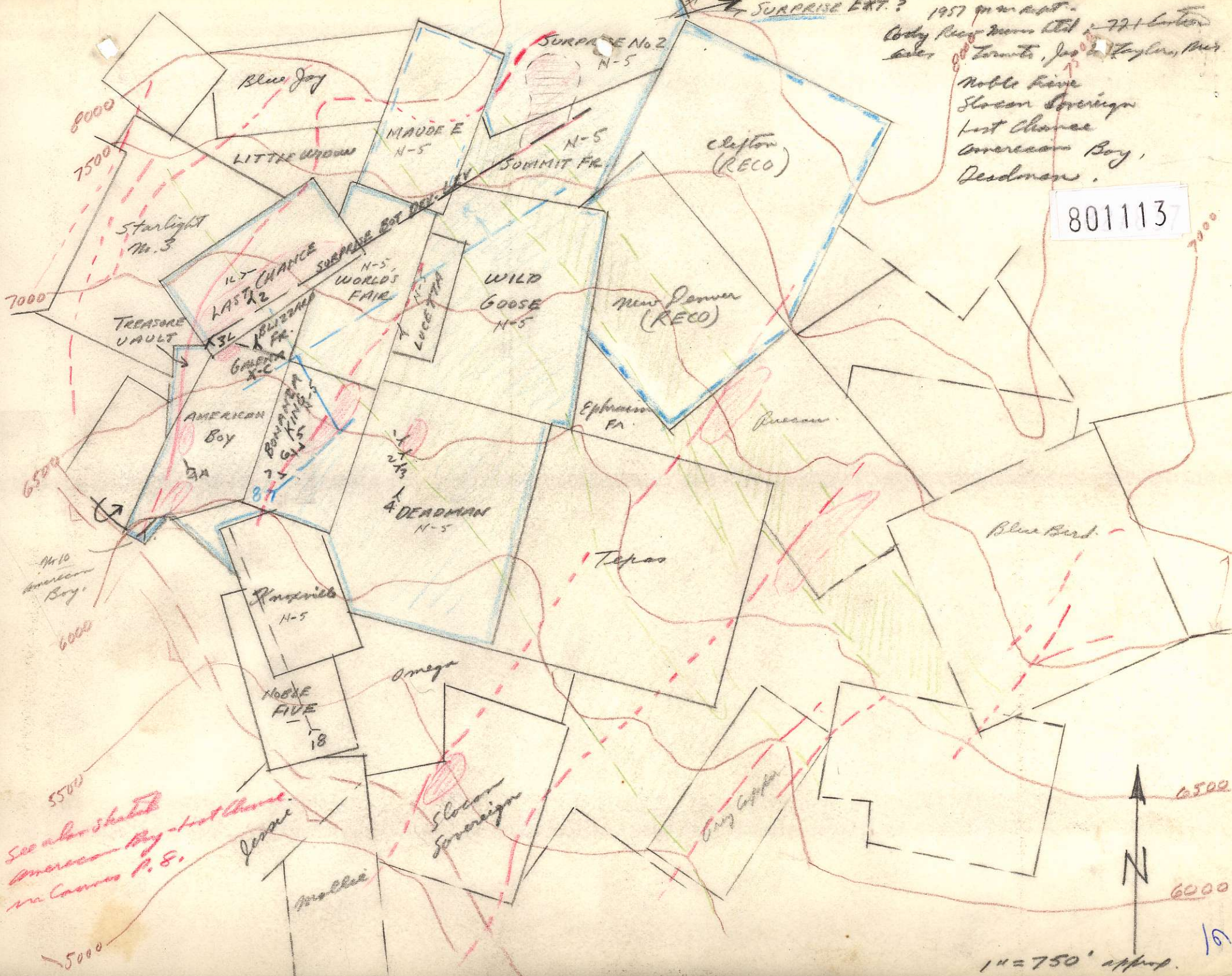


1957 map of apt.
Cody Reed Mine Ltd. 771 Barton
Cody, Toronto, Jas. & Taylor, Ont.

Noble Five
Slocan Sovereign
Lost Chance
American Boy
Deadman

801113



See also sketch
American Boy - Lost Chance
in Canon P.S.

1" = 750' approx.

10

Noble Five - (See also American Boy -
 Test Chance; Cairnes p. 5) ©

(Productive horizons 6100 - 6900 El. in W. panel)

Post Product
 6800 - 7800 El. ^{note}

Surprise Group - Incl. in Noble Five Group.

Prospect would be to X-C N.W.; from Noble
 Five main lode (Amanga) No. 8 level, to the ^{order of American Boy} #10 level
 Test chance - Surprise main level lode at 6100'
 elevation or @ 750' below the lowest old
 Surprise level for a completely new slope block.

This would allow a test if the porphyry belt
 robing down to the S.W. with the lower Surprise
 and in which best ore was found. Big belt 750' wide.

Surprise Production :-

1893 - upper lens 100 Tons @ 223 of Ag.

1893-1926 50,000 Tons @ 47.02 Ag; 18% Pb (13% Zn?)

from 6800' (No. 3. Test Chance) El. to 7800' (outer top of pep)

50,000 Tons @ 56⁰⁰ net = \$2,800,000 gross return

Surprise Ore shoot @ 350' - 400' long (staked Fig 1 Cairnes)

- Work required (a) Clear out No. 8. X-C & drift Noble 5 &
 print of X-C take off & access - 5000⁰⁰
 (b) Drive 500' X-C - 20,000
 (c) Drift 2000' N.E. - 80,000
 (d) miscell - 75,000
 Total Estimation \$180,000⁰⁰

possible Ore - say 350' x 4' giving cross 100 T/V.F.

700 V.F x 100 = 70,000 Tons possible, max

take 1/2 - 35,000 Tons @ 50⁰⁰ = \$1,750,000

from pep 35,000 @ 25⁰⁰ = \$850,000⁰⁰

Summary - looks like a very good gamble, as in
 W. dip beds all way with strong competent zone
 of qtz - pay for regularity

Ore expectancy & persistence historically good
 on Noble Five upper ridge.

* poss. most complete program would start drive NE from end American Boy #10
 Check for pros. of recommended program being done
 1935 - 1948 years, see mem. rept.

Possibly old ore remains in portion Am. Boy - Test Chance
 Surprise that would contain considerable Zn - Ag - Pb
 millfeed because of zinc economics in early days of
 camp when mpa first mined.

see Cairnes
 map 1956
 mt. map

see 1928
 mt. map



Noble Fire (cont'd)

mm 1956: Cody Pass - consolidation of groups including Noble Fire, Stacey Sovereign, Last Chance, American Boy, and Deadman. (Incl. Surprise?)
Road access to all principal workings.
As in 1955, all work done in Noble Fire prop.
Several raises recent years from N-5 #18 to #16 main sub-level.

* 1956 Work done on 18 lev. to W of main X-C where suspected American Boy - (Surprise) shear was located in 1955. Red 365 of drift to west and 113' east. In west drift a raise put up 70' and a sublevel 60' long established. Exploratory raises to 100' long driven from this sub-level. Mineral in negligible.

100' raising also done on small stingers from the 18/21 raise - results disappointing.

all develop under dir'n of W. Hall. & closed in May.

In August, a geological & diamond drilling programme carried out by Midwest Engineering Services Ltd of Toronto, w. Grant Harper in charge. worked 8 & 18 levels. Mill did not operate.

mm 1955

18-24 raise opened short section of well - main 'd' (2') mat'l at 230' above was opened & followed. Sub-level driven at 100' above 18-lev. for 230'. Other raises driven of this sub-level but no ore mineral revealed. On N-5 #16 level two raises driven on N-5 vein - the longest 500' @ 45° from point Nos 14 & 15 subs driven at 200' + 100' respectively above (vert.) 16-level. No. 15 driven 120' → erratic zoning mineral.

The No 18 lev X-C driven to point 350' N. of shaft; at 140' from shaft a drift was driven 100' NE on sp. main shear.

Also on No 18, the Spur vein, (also called the "Cody") was followed by a drift to a point 450' W of main 18 X-C; From end of this drift, a crosscut was driven 350' N where a 0"-6" vein was intersected. This believed to be depth prop. of American Boy. Followed by a 200' dr with mineral negligible; using upper prop. holes.

1954 M.M.

Raise drain on "spur" vein No 18-16 level.

Raises " on Noble 5 - vein No 18-16 level & by several 100's' dr. on 14 level - weak reinforcement in 40' Dr on Deadman #4 level on 18" Zn-py vein, a new adit driven 200' below Deadman #4 which did not drive without interesting loss when work ceased. At American Boy 350' of drifting done to get around cave on No. 9 Adit & raises rehabilitated down to 10 - & 11 - levels.

1953 M.M.

"Spur" vein off 18-level investigated by some stoping.

1952 M.M.

A 200 ton (water) per day mill erected at Cosby. 615 cfm compressor installed at mill for mine air. New road built to Noble Fire - Slocan Sovereign camp and extended to Deadman & East Chance. Ore from the Slocan Sovereign dumps was hauled by trucks as well as by the tram line which was repaired in 1951.

Mill commenced ops in July but closed before end of year.

1951 M.M. - mill bldg erected for 100 T/day concentrates.

1950 M.M. - Workings rehabilitated.

1949 - No description

1948 - L.P. termly shipped 32 tons salvaged ore w gross content Ag; 497g; Pb 4116#; Zn 18,172#
E Baber shipped 1 1/2 tons gross Ag - 58g; Pb 672#, Zn 293#

1947 - No data Noble Fire East Chance - Surprise

1946 - " " " " " "

1945 (P43 + 105) Mgr Paul Lincoln Nelson B.C.

Shipped 20 T of Pb concs & 13 T. Zn concs yielding total of 1595 g Ag; 16842# Pb.; 13305# Zn.

1944 - A.N. Hornberger, Manager

2000,000 / 3000,000 sh. iss. 127,500 / 127,500 deb. iss.

mill op @ 80 T/day during January.

* Extensive d.d. program between 8 & 18 levels & while in progress whole plant destroyed by fire.

No attempt made to replace plant or operate

1943 - mill & mine plant reconditioned under A.N. Hornberger / 50,000 main raise put in op'n. milled Sept-Nov 4645 tons - test crew = 70.

Book 11
1943-45 (2)
Noble Fire

mm 1942 - Dividends 1897-1942 - \$213,109⁰⁰ by Last Chance Co.
 " " " " - 72,859 by Noble Five.

- Noble Five acquired by New Mt. Base Metals from the
 prev. owners Nelson Consolidated Mines Ltd.
 A.H. Knabner was owner - recanted camp.

- 1941 - No mention in report - camp "dead"
- 1940 - "No mention in report" " "
- 1939 - " " " " " "
- 1938 - " " " " " "

1937 - Paul Senclun, Rep. - several months op'n - 110' sinking,
 348' drifting; 3249 T → 281 T Pb Cons, 265 T Zn Cons
 (281 T Pb Cons → Au - 3oz; Ag 23,855; 265,519 Pb; 37,793[#] Zn
 265 T Zn Cons → Au - 1oz; Ag 2031 oz; 5767[#] Pb; 235,223[#] Zn
 + 1796[#] Cd.

- Ops. suspended early December.

- 1936 - Noble Five shipped 9 tons Ore.
- 1935 - Resumed ops this spring under P. Senclun after a
 5 year shut-down. Ore mined at 8- & 18' levels

→ 1934. - Noted that DDH #9, 1934, from N. end of
 No. 18 X-C intersected "fair showing of galena &
 sphalerite, in some pyrites @ 210'-211". Considered
 possible that this may be the "Last Chance vein"
 which was mined in the upper levels of the
 property.

Also noted intensity of Noble 5 vein #8 to #18 less
 proved by d. drilling.

Noted bulk of 1929-30 ore mined from ~~Admission~~
 this No. 5 vein on #18 level. * 1934 drilling pushed
 up offset vein seg. to N.E. of this old production
 area - 8' vein in domain py-gal-sphal-mnibn,
 indicating intensity beyond fault for 100' (±). Check
 holes from SE face No. level X-C mainly py. on this sect.
 Two other up holes from here got vein mat'l.

→ Give part refs; 1930, 1929, 1928, 1925, 1916, 1915, 1911, 1910

1930 - Shut down early in year - (no prestige of gold) of Surprise ^{below old div.} EXT.
 1929 - Cup. consist of Noble Five Unquillo, Omanga, Arroyo,
World Fair, Marade E, Peccotta, Ladrona, Wild Case,
Summit Fr., Surprise No. 2, Surprise Ep.T., Lady Jane,
Derby.

→ Milled 21,110 tons @

Ag	Pb	Zn
13.35	6.55	7.76

MM 1929 (cont'd)

Staking for year (see previous page for prospect.) carried out on 800 level a short dist east of main raise + some beyond N-fault in E end of 800 level.

W.S. target on Surprise vein depth opt.

* "The exploratory drift from the east end of the 800' level to the Surprise zone is estimated to have 200' more to go before reaching favorable ground for ore deposition. It is then planned to ~~crosscut~~ then crosscut from the end of this drift (in the "Surprise panel") to the north to explore the possible downward extension of the Surprise vein under the old Surprise slopes some 800' ^(600') vertically above this level." When the pup was last visited in Jan. 1930, there was one machine, in what is called No. 1 slope, 300 ft. east of No. 2 slope on the 800-level, doing a limited amount of prospecting work on a string iron showing.

Noted Deadman vein pinches down markedly where it crosses hard slate benches (noted as acting as "dams" for ore solutions)

Deadman ore body on 1800 lev. 350' long. Width at West end 20'-25' with avg of 6'-7' over mined area

* See page 304-305 for additional important detail of mine explor. develop. etc.

Surprise section - 63 tons Ag-Pb-Zn shipped from 800+ above levels.

MM 1928 - Property acquired this year: Noble Five Gr. of 8 claims plus Surprise group of 3 claims.

Develop to East on Deadman vein gave good ore results @ 18 lev horizon.

Noble 5 vein on 18 lev. mined tight to date, but encouraging Surprise to date, splendid record of production, having yielded 50,000 tons @ 47% Ag; 18% Pb; 13% Zn. This ore was mined from shaft developed to a depth of 900' below the apex of the vein during years 1914-1925, since when the mine has been closed down except for leasing ops.

6000-6500 net smelter W.S. target

* "The probability of picking up the downward continuation of this ^{important} ore shoot at depth, together with the fact that the Noble Five whys offered the only logical point from which this could be undertaken to best advantage were the pr reasons for the acquisition of this property. In order to

W.S. theory

Cont'd Noble Five

6 E.

(mm 1928 cont'd) -

U.S. target } explore the potential area at a depth of 750' below the old Surprise workings, the No. 8 Noble Five level will be extended in an easterly direction for about 700 feet, from which point a cross cut of about 450 feet will intersect the downward projection of the Surprise vein

- No further research required re Noble Five & Surprise ^(American Boy)
- took over last chance for further details of possible develop of last chance segment of last chance - Surprise lode from Noble Five workings.

Bismarck Group } also keep eye on
Montezuma property ⑦

Claims Bismarck, Mountain Crest, Highland Foothills
C.G. Claims & merged Black Bear M.C. are owned
by R.F. Taylor & G.B. Gerrard, H. Gregerich of
Kaslo. El. 6400'

1900-1924 → 1063 Tons @ 102 g Ag; 87.5% Pb.

Ment'n. Fracture filling - replacements of entire old
ls - arg.

* Seds @ N55E + 70 NW. steepest & extended by
Nelson path N.P. to north (Sierr. to Corli-Paw!)

Workings Three adits over vert range 400', developing a
side + conform'd in incl. seds, but ingling
acutely across in sections (as at Corli-Paw!)

Develop C.M.S. did some explor'n after 1927.

Shoot of op. ore 30' long found ~~at~~ clearing
extending 112' below No. 1 level. = prob. to
to shoot encountered near face of 3-level at
an adit depth of 238'. width 2'-3'. At
3 level + wider in develop raise diversion
at.

Summary - Poss. of finding large-scale replace
M-Pb. by ore seen to Corli-Paw,
using geochem. exploratory methods.

* Structures showing unipog to NE - E-W
trends as at Corli (Controlled by Nelson path.)
should be looked for!

Note rolls in vertical section along w.
prevailing N.E. strike should be favourable.

1952. Under B.C. metal Monio - H.H. Hill. Consult.
Tractor road constructed & drilling planned
for following year, but apparently never
carried out.

Mon 1928 (P.307) - Explor'n option by C.M.S. + option dropped -
one year only.

LAST CHANCE, SANDOON { See "Mobile Ferry" for
work done after 1929 (8)

m.m. 1929 - not mentioned

1928 - " "

1927 - " "

1926 - " "

m.m. 1925 -

m.m. 1922

SURPRISE, SANDON. See "Noble Fire" for work done after 1929. (9)

MM. 1929. Shipped 63 tons Ag-Pb-Zn.

MM 1928 - See description under Noble Fire - P. 60.
Production to date, from # 8 lev. to surf. (900' deep ore-shoot) was 50,000 tons @ 47% Ag; 18% Pb; 13% Zn.
- No further research required here -
for present purposes @ 3/20/02.