

NH 2013.15 Metsger Donation #2 Inventory 12/05/13

- Yellow plastic tub containing: Labeled "From drawer Stirling Hill Drill cores, mud samples etc."

- Note: I placed these in a Fleisig P98 box since they were loose.
- Core sample "DDH #382 #12 @ 4' "
 - 4 polished mineral sections, no labels
 - 1 rock, no labels (about 2.5" x 1.5" x 1")
 - sectioned, polished core plug section labeled "DDH 382 1108' spinel chondrodite black metallic, non mag. fluorite Phlogopite"
 - sectioned, polished core plug section labeled "#382 @ 1047 1/2' Fluorescent in UV light"
 - Sectioned, polished core plug section labeled "DDH 262 @ 3843' "
 - Sectioned, polished core plug section labeled "DDH 382 @ 1107 1/2 - 1108' "
 - 9 ~~small~~ small plastic boxes (8 of them about 7/8" x 7/8" x 3/4") containing mineral crystal samples mounted on stubs. The 9th box, a little bigger, has a sample sitting on foam rather than a stub. 3 of the small boxes are black, the rest clear.

And
RWM-7
10-04-2013
2 drawers from
card file
1 = labeled collect.
2 = from drawer
s.t.
drill
core
+ mud
samples
etc. "

- 1 box labeled "Samples of saprolite from the Sterling "Mud zone" and the "Depression" "
(as labeled) contents are 15 glass vials with cork stoppers labeled: "430 m5", "430 m3", "430 m4", "430 m2", "430 m-1", "430 m6", "430-M-3 Albite", "GC57-F1-48+65 4.2 gravity Floor", "430-M-8 Znc 34.4%", "430-M-7 Zn - 15.25%", "430-M-7", "Sterling Depression DDH 308 @ 283'-296'", "Sterling depression DDH 308 sand @ ± 268' # H2O about 300 ppm"

- "DDH N°270 Sample #10 115'-150' "Mud"
Zn = 12.67 Fa = 17.34 Mn = 5.35, "Sterling Depression"
DDH 308 Gravel @ ±268' same loc as sand."

- Bubble wrap bundle (reboxed into P98 Fleisig box)
Containing 4 rocks labeled: "specimen of fragment
from LS hanging wall of west limb midway between
East Branch split and N. end ~1000 N on 430
level," "Anhydrite Gypsum sussexite SH," the
remaining two rocks lack labels. Bundle had single
label attached that reads "only one label, but all
together Sterling Hill (S) Anhydrite Gypsum and
~~Sussexite~~ Sussexite"
- Box with 9 rock samples and 2 core plug sections.
The former are labeled "Sample C 2050 Lev",
"6C 57 F-3", "#2 Raise above 2550 Lev.",
"6C 57 F-4", "6C-65", "2 var Sussexite 6C-55.5
above 2550 Lev X-Ray SH", "#2 Raise above
2550 Lev.", "Gray DI, WT, WL above 2550 S.",
"Footwall, 935 stope East Limb ↑ 700 Level
Sterling Hill Mine." The latter are labeled "DDH
297 @ 37' Isotropic <unreadable> 55 ± serp, Ni?",
"DDH 294 @ 40' Bi ax + <illegible> Med. insol in HCl",
2v High >1.60 < 1.63 SH Grn 8 >1.61 < 1.62
Amp - Tiem? Also single paper label that reads
"Sterling Hill" in box.

(4)

— Box labeled "DDH 115-B core samples" containing 39 1" core samples. Labeled: "DDH 115-C 2986", "115-C 1825", "5-115 @ 2181", "DDH 115-B @ 1185", "DDH 115 @ 14 1/2", "DDH 115-B @ 994", "115-C 2206", "DDH 115-C 2519", "DDH 115-B @ 1231", "DDH 115-B @ 1223", "F 155 @ 1734", "II 115 @ 105", "DDH 115 @ 2208 1/2", "DDH 115 @ 90", "DDH 115-B @ 1529", "DDH 115 B @ 995", "DDH 115 @ 1873", "115-C 1966", "DDH 115-B @ 1064", "DDH 115-B @ 1141", "DDH 115 @ 243 1/2", "#115 @ 42", "115-B @ 2021", "DDH 115 B @ 1795 1/2", "115-B @ 1513", "DDH 115 @ 243 1/2", "DDH 115 595'-629'", "DDH 115-C 2986", "DDH 115 @ ~2064", "DDH 115-B @ 915", "115-B @ 1844 1/2", "DDH 115 B @ 1797", "DDH 115-C @ 2503", "DDH 115 @ 24", "DDH 115 @ 24", "115-B @ 2013", "DDH 115-C 2207", "115-B 2013' Micro-perthite" ← sectioned & polished into two longitudinal halves, "115-B @ 2021" ← sectioned & polished into two halves as well.

— Box labeled "Drill core samples chiefly S-382" with 24 1" core samples, labeled: "DDH 382 708", "#382 @ 536 1/2", "DDH 382 @ 969", "115-C 2370 1/2", "DDH 382 @ 975.5", "DDH 382 @ 966.2", "DDH 382 982", "382 @ 472 1/2", "DDH 382 442", "#382 @ 945.8", "#382 @ 641", "DDH 382 @ 1029", "DDH 382 @ 398", "DDH 382 502", "DDH 382 408 1/2 - 409", "DDH 382 @ 515", "DDH 382 515", "DDH 382 @ 469 1/2", "382 @ 702 1/2", "DDH 115 B @

1246 1/2' ", "#382 @ 723 1/2' ", "DDH 382 408 1/2-409' " ⁽⁵⁾
"DDH 382 @ 492 1/2' ", "BR frag. @ 1194 N + 784 W
700 Level."

— Box labeled "D.D. core samples sawn & polished ore."

28
defects
(some
slabbed
in two
or more
pieces)

Contains: 25 3/4" core samples, labeled: "335 @
47 1/2' ", "DDH 333 @ 17' ", "DDH 350 @ 66' ", "DDH
351 @ 21 1/2' ", "DDH N° 343 @ 126' ", "335 @ 54 1/2' ",
"DDH 333 @ 13' ", "DDH N° 333 @ 10' ", "335 @ 47 1/2' ",
"DDH 335 @ 69 1/2' ", "DDH 334 @ 1 1/2' ", "335 @ 69 1/2' ",
"DDH 334 @ 1 1/2' ", "DDH 335 @ 54 1/2' ", "DDH 335 @ 47 1/2' ",
"DDH 334 @ 1 1/2' ", "335 @ 69 1/2' ", "335 @ 54 1/2' ", "DDH
335 @ 59 1/2' ", "335 @ 59 1/2' " (counted separate from
other ~~half because~~ two pieces as there are 3),
"335 @ 59 1/2' ", "DDH N° 334 @ 39' ", "DDH 334 @ 19' ",
"DDH N° 343 @ 140' " ← slabbed into two pieces longitu-
dinally, "DDH N° 343 @ 118' " ← also slabbed &
polished (two halves).

— Box labeled "Diamond Drill Core samples from holes
S-382; 115; 250 F-155 R.W.M." Contains 64
1" core samples, labeled: "DDH 382 1391 1/2' ",
"DDH 382 @ 1023 1/2' ", "DDH 382 @ 1409' ", "DDH 382
@ 957' ", "DDH 382 1485 1/2' ", "DDH 382 998 1/2' ",
"F 155 @ 1725' ", "S-382 @ 1235' ", "S-382 1327 1/2' ",
"F-155 @ 1695' ", "S-250 399 1/2' ", "F-155 @ 1734' ",
"DDH 382 1459' ", "F-155 @ 1958' ", "DDH 382 1132.1
1132.65' ", "S-115-C 2207-2208' ", "S-382 @ 1281' ",
"DDH 382 @ 1380' ", "DDH 382 @ 1160.1' ", "DDH 382 @ 969' ",
"F 155 @ 1692 1/2' ", "115-C 1982' ", "115-C 1915 brn murl? ~~sp~~ Sphal. 4' ",
"DDH 115 @ 1970' ", "# 382 1289' ", "DDH 382 @ 1581 1/2' ", "DDH

382 1603² ", "DDH 382 1637' ", "DDH 115 @ 2212' ",
 "DDH 382 1529² ", "DDH 382 @ 1386' ", "DDH 382
 @ 1576 1/2' ", "DDH 382 1678 1/2' ", "#382 1036 1/2' ",
 "DDH 382 1644' ", "DDH 382 1108' ", "DDH #382 @ 940.8
 "DDH382 1458² ", "S-115 2703' ", "115-C 2215 1/2' ",
 "S 382 @ 1268' ", "DDH 115-B 1530 1/2' ", "382 @ 1132 1/2' ",
 "#382 1503 1/2' ", "DDH 382 @ 1185' ", "DDH 382 @ 1564 1/2' ",
 "382 @ 1442 1/2' ", "#382 @ 1257.8' ", "DDH 382 @ 1388' ",
 "DDH 382 @ 1566' ", "DDH 382 1587² " "DDH 382
 658 1/2' ", "DDH 382 1460² ", "DDH 382 1493² ", "DDH
 382 @ 1421' ", "DDH 382 1686' ", "DDH 382 @ 1463' ",
 "DDH 382 1704' ", "115 1966' ", "DDH 115-C @ 1966' ",
 "DDH 382 @ 1576 1/2' ", "DDH 382 502' ", "115-C
 @ 1966' ", * one last sample with no label.

- Cardboard box labeled "RWM-1 9 Oct. 2013" with paper tag that says "Approx. 50 labeled ~~specimens~~ samples related to GC (Geochemical) study and Breccia Study * Oct. 9, 2013 RWM 1". Contains 25 unlabeled rock/mineral samples, two dissociated labels ("GC 96" and "1280 stope ↑ 1600 Lev. SH"), 10 labeled rock/mineral samples:
 - "780 pillar ↑ 1000 2V Med Low Bir Biax - index > 1.73
1.76 yellow green B > 1.76 GC-74 X-ray sol in HCl Gelat."
 - "Pyrochroite, Fluorite, Rhodochrosite, Torreyite, Zincite S.H.", "GC 38 top of 1720 N. Raise 1500 ~~Level~~ Level
other half sent to Palm for Wurtzite / sphal. determination."
 - "Optics Biax + Sd in HCl Low Bir index > 1.69 < 1.73
1980 L stope ↑ 1300 Level", "GC-97 1040 stope ↑ 1100 Lev."

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"GC-89 Axinite", "700 Pillar 700 Lev. Low Bir Med 2V
Biax — sol Hcl ^{Gel} index > 1.73 $\beta > 1.76$ GC-75 X-ray",
"GC-70 X-ray ~~1980~~ 1980 s stope $\uparrow$ 1300 Lev.", "Low
Bir 2V Large V faint Pleo Biax — sol in Hcl partly
index Gel. $\beta > 1.73 < 1.76$ $\gamma > 1.76$ yell-green
 $\alpha < 1.76 > 1.73$ GC-76 X-Ray", "Optics Biax +
High Bir index > 1.69 $2 < 1.73$ $1 > 1.73$? GC-69
X-Ray 1980 s stope $\uparrow$ 1300 Lev."
Also, 4 plastic, small sample boxes (clear) containing
powdered or granulated samples, labeled: "From Hermans
2600 stope", "GC-88 X-Ray Mud? DDH 307 Hb
Qtz Fd + Ft", "Apatite N. term W. lmb. 600 Level
(Biax —; small 2V $n = 1.63$ ", "GC 37 "B Willemite"
Bauer anal. * Phosphoresces yellow Sterling Mine"
Additionally, one glass vial containing white crystals,
labeled "GC-96", and a thin-section butt sample in
resin, no label, and 11 $3/4$ " core samples,
labeled: "DDH 328 85' $\pm$ Fls ~~cdt~~ cdt",
"DDH 319 @ 62'", "GC 95 X-Ray DDH 318 48-60'
Humite + calcite Ft", "DDH 317 @ 55' same as
GC-95 Humite", "DDH 329 @ 69' Non fls cdt",
"DDH # 377 500 Level @ 78'", "DDH 300 @ 1'",
"DDH 300 @ 10'", "DDH 300 @ 16'", "DDH 291
GC-61 X-Ray", and one with no label.
Lastly, a sample bag labeled "Mud from DDH 381
500 Level S.H. @ 150 + feet" containing loose
sediment sample.

(9)

- Glass jar with granulated mineral samples, labeled: "Franklin Willemite Near Sample room. From E. P. Stock pile About 1958."
- Cardboard tray with mineral sample about 1.5" square, with label that reads "Tephroite Franklin, NJ from L.H. Bauer Jan. 29, 1951"
- Small ~~cardboard~~ cardboard box lid labeled "BCT 7859" containing two (2) small mineral samples (green) and a label that reads "Willemite Franklin, NJ."
- Small cardboard box tray containing single mineral sample, dark, about 1" square, and label that reads "Zincite Franklin NJ From Bauer 5/6/48"
- Medium size cardboard tray (falling apart) with single dark mineral sample ~2 x 1.5 x 1 inches, and label that reads "Bornite, Franklin NJ From L.H. Bauer Jan. 1951"
- Medium size cardboard tray (also falling apart) containing a small (~1.5 x 1 x 2") sample of Rhodonite (a pink mineral) from Franklin, NJ, as labeled.
- Cardboard box lid containing a medium-sized rock, about 2.5 x 2 x 1.5", and label that reads "Franklin Nabohite White Green acicular Bustamite?"
- Paper envelope labeled "Menlo Research Laboratory Menlo Park, CA. Franklin ore Franklinite and Willemite in calcite..." containing two very small (about 1/2" square) mineral samples, white ~~with~~ ~~largely~~ largely.
- Sample canvas bag, off-white, labeled "Hemimorphite Franklin NJ Labeled" containing one hand sample (~5" x 5" x 1.5") and a note (crumbling from age) that reads "Hemimorphite"

From Franklin 115 (sterling) FH-02-55 Rec'd (10)
5/12/55"

- Single, loose mineral sample, sawed, no label, about 1" cubed. Pink with dark gray inclusions.

- Wooden drawer labeled "Sterling Hill GC study and other labeled collections / RWM Box 3 Oct. 9 2013" containing:

- Mineralight ultraviolet lamp box containing 1 hand sample and 10 ^{drill} core samples, labeled "1590 X-cut 1850 level Near collar of DDH 115 Fd., gtz gft py. tnt", "DDH 115-C @ 2050 Microcline Td, gtz gft. py", "DDH 115-C @ 2221", "DDH 250 469", "DDH 115 B @ 988 1/2'", "115-C 2008 1/2' Earth red minl.", * No label, "115-C 2149 1/2' crush breccia", "115-C 1834'", no label and no label.

- one loose one hand sample labeled "GC-3 1240 N. Trans. 800 Level Sterling"

- Off-white canvas sample bag containing two white mineral samples and two fragments. Bag tag reads only "2650 level".

- Off-white canvas sample bag containing two hand samples labeled with mineral contents:

[Zn=25.9 CaO=7.7 Fe=14.4 Mn=6.1 SiO₂=11.9 MgO=1.7] and [Zn=23.9 CaO=5.1 Fe=14.8 Mn=6.6 SiO₂=14.8 MgO=1.5]. The bag tag reads "Willemite? in Mayne 2 Connam."

- off-white sample (canvas) bag, labeled "chemically analyzed ore samples" containing seven (7) hand samples, some sawed, labeled: "GC-020", "Mt. N. Shaft + Sterling Mine", "Serpentinous Material colored by Hematite 2150 level ore drift", " $Zn=3.5$
 $CaO=15.4$, $Fe=25.4$, $Mn=3.4$, $SiO_2=0.7$, $MgO=3.1$ Sterling Hill", three remaining samples unlabeled.
- Large off-white canvas sample bag ~~containing~~ labeled 7307, containing: 3 plastic bags and a canvas sample bag, plus 8 samples of different sizes loose, plus a note that reads "Non-fluorescent Sterling Hill Mine samples, Labeled". The loose samples are labeled "430 Level 1020 N.X-cut Near Footwall contact of Blk wt. - ftt bnd Sterling Mine ogdensburg, N.J.", "#1 Stope $\uparrow$ 1850 Level East side", "Edville 1050 Lev.", "S.H. Plag. 55% Bio 35% Hyper 10% Mt - R - u = Tr", "1300 $\frac{1}{2}$ c RuLAP $\uparrow$ 1300 Level Sterling Mine ogdensburg N.J.", *two smaller samples unlabeled, "1410-37" 1st plastic bag contains 1 unlabeled hand sample with paper tag that reads "935-5 - 5' above FW." 2nd plastic bag contains 1 hand sample as well, also unlabeled, with a paper tag that reads "Px BR frag. FW 935 beneath R.s. N. 6" from cont. with brn O." 3rd plastic bag contains approx. 7 small fragments/samples, 1 large hand sample, and 2 medium hand samples of minerals with paper tags that read

"Löllingite in Black Willemite 1020 Pillar 500 level (12)

Sterling Hill."

The smaller off-white canvas sample bag is labeled "Sterling Hill ore footwall" and contains two hand samples, labeled: "N^o 5 Long Stope Footwall of ore at about N^o 7 section 20' above 2250 Level Sterling Hill" and "N^o. 50 Long Stope Near footwall of ore at N^o 1 section. 20 above 2250 Lev. Sterling Hill."

Wooden drawer labeled "Breccia Study w/Labels RWM 2013 10-9 Box 2". Contents include nine(9) Hand Samples of rocks labeled:

- 1360 N.L.S. 1750 Lev. "O-BR' Sterling Mine"
- #1 Stope 1850 Level Breccia
- Shrd. O + L FW 935 NLS 430 Lev. @ 1000 N
- #1 Stope 1850 Lev.
- #1 Stope 1850 Lev.
- #1 Stope 1850 Lev. Breccia
- #1 Stope S.H., 1850 Lev. Breccia Matrix
- No label
- 1450 N.S. 750 Level.

Also, loose paper labels that read:

- Sterling ore Breccia
 - RWM-09-2013-2 Breccia study with labels
 - #1 Stope - decline from main drift on 1850 Level
Magnetic Franklinite, sphalerite, etc. Breccia filling.
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- Nine rock hand samples selected by David C. Parris for use in the New Natural History Hall fluorescent mineral exhibit, labeled as follows:
 - No label - No label - No label
 - No label - No label - No label
 - No label - No label
 - Losee Gneiss Route 15 cut East of intersection with E. Mountain Rd. N. of Lake Saginaw. Sparta. Qtz - Oligoclase Gn of Buddington.
-