POTASH CO. OF AMERICA #2 PIPKIN

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100-10
110-20
          50% light gray siltstone, 50% coarse grained white quartz sand.
          80% light gray shaly siltstone, 20% coarse grained quartz sand
120-30
130-40
         80% med. to coarse angular white quartz sand, 20% light gray shale.
          (Some red and black grains.)
140-50
          Ditto - More pink, red and black quartz.
150-60
          50% Med. to coarse angular white, red, black quartz sand. 50% light gray silty shae.
160-70
          90% sand as above, 10% light gray shale.
170-80
180-90
          Ditto
          Missing
190-200 80% light to dark gray silty shale, 20% sand as above.
200-10
          50% shale as above, 50% sand as above.
210-20
220-30
          Ditto
          70% Med. to coarse angular white quartz sand, 30% light gray silty shale.
230-40
          Ditto
240-50
          90% sand as above, 10% gray shale.
250-60
          Ditto
260-70 90% fine to coarse angular white quartz sand, some red and black grains, 10% gray
          silty shale.
270-80
         Ditto
280-90
          Ditto
290-300 Ditto
300-10
          Ditto
310-20
          95% sand as above, 5% silty shale.
320-30
330-40
          Ditto
         Ditto
350-60
          90% fine to Med. white quartz sand, 10% shale and silt.
370-80
          Ditto - slightly more silt.
380-90
          Ditto
390-400 Ditto
400-10
         Ditto
410-20
          90% very fine grained to coarse white quartz sand, 10% gray silt and shale.
420-30
         Ditto
430-40
          90% fine to very coarse white quartz sand, (Some red & black grains). 10% gray silt
          and shale.
440-50
          50% very fine grained to coarse quartz sand, 50% gray silt and shale.
450-60
          90% sand as above, 10% silt and shale
460-70
         Ditto
         Ditto
470-80
480-90
         Ditto
490-500 Ditto
500-10 Ditto
510-20
         95% fine to coarse angular white quartz sand, 10% silt and shale.
520-30
530-40
         Ditto
         Ditto - few chert and flint framents up to 1/16".
540-50
         Ditto
550-60
         Ditto
560-70
570-80
         Ditto - more flint fragments.
         60% very fine grained to coarse quartz sand, 40% gray silt and shale.
580-90
         Ditto
590-600 Ditto
610-20
         60% sand as above, 40% shale as above.
620-30
         Ditto
630-40
         Ditto
640-50
650-60
         50% sand as above, 50% dark gray shale.
         80% very fine grained to coarse quartz sand, 20% gray shale, chert fragments.
         50% sand as above, 50% dark gray to black shale.
660-70
         60% dark gray to black shale, 40% fine to coarse sand.
67U-80
680-90 90% fine to coarse white quarts sand, 10% gray shale.
690-700 40% sand as above, 30% dark gray shale, 30% greenish gray shale. (Top Kirtland.)
700-10 70% greenish gray shale, 20% dark gray shale, 10% fine to coarse sand.
20% dark gray shale. 20% fine to coarse white quartz sa
         50% greenish gray shale, 30% dark gray shale, 20% fine to coarse white quartz sand.
720-30 Ditto.
730-40 40% greenish gray shale, 40% dark gray shale, 20% sand as above.
740-50 40% greenish gray shale, 30% dark gray shale, 30% sand as above.
750-60 30% dark gray shale, 30% light gray siltstone, 40% sand as above.
760-70 30% dark gray shale, 30% light gray siltstone, 40% sand.
770-80 45% dark gray shale, 45% greenish gray shale, 5% sand.
780-90 33% dark gray shale, 33% greenish gray shale, 33% sand.
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#2 Pipkin - Contd.

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70% greenish gray shale, 25% dark gray shale, 5% sand.
790-800
800-10
         Ditto
         D1tto
810-20
         50% very fine grained to coarse angular white quartz sand, 40% greenish gray
820-30
         silty shale, 10% dark gray shale,
830-40
         Ditto
840-50
         Ditto
         80% greenish gray shale, 10% dark gray shale, 10% sand.
850-60
         90% greenish gray shale, 5% dark gray shale, 5% sand.
860-70
         90% greenish gray shale, trace dark gray shale, 10% sand. 40% greenish gray shale, 10% dark gray shale, 40% sand as above.
870-80
880-90
         90% greenish gray shale, 5% dark gray shale, 5% sand as above.
890-900
         90% greenish gray shale, 5% dark gray shale, 5% sand as above.
900-10
          30% greenish gray shale, 40% dark gray shale, 30% fine grained quartz sand.
910-20
         30% greenish gray shale, 60% dark gray shale, 10% fine grained quarts sand. 40% greenish gray shale, 40% dark gray shale, 20% fine grained quarts sand.
920-30
930-40
         90% greenish gray shale, 10% dark gray shale, trace sand.
940-50
950-60
         Ditto
960-70
         Ditto - trace gyp.
         50% greenish gray shale, 40% fine grained sand, 10% dark gray shale.
970-80
         Ditto
980-90
990-1000 60% greenish gray shale, 30% dark gray shale, 10% sand.
1000-10
         Ditto
         80% greenish gray shale, 10% dark gray shale, 10% sand.
1010-20
1020-30
         Ditto
         40% greenish gray shale, 40% dark gray shale, 20% sand.
1030-40
          60% dark gray shale. 30% light gray shale, 10% sand.
1040-50
1050-60
         Ditto
         60% dark gray shale, 30% fine to coarse quartz sand, 10% light gray shale,
1060-70
          trace gyp.
          80% dark gray shale, 10 light gray shale, 10% sand,
1070-80
1080-90 Ditto
1090-1100 "
          80% dark gray silty shale, 10% light gray shale, 10% fine to coarse quartz sand.
1100-10
1110-20
         Ditto
1120-30
         Ditto
1130-40
         Ditto
111:0-50
          90% dark gray silty shale, 5% light gray shale, 5% sand.
          80% dark gray silty shale, 5% light gray shale, 15% sand.
1150-60
         Ditto (Some iron oxide staining.)
1160-70
1170-80
         Ditto
1180-90 90% dark gray shale, 5% light gray shale, 5% sand.
1190-1200 Ditto
1200-10 Ditto
1210-20 80% dark gray shale, 10% light gray shale, 10% sand.
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