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DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
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Mr. Robert D. Nininger
Assistant Director for Exploration
Division of Raw Materials
U. S. Atomic Energy Commission
Washington 25, D. C.

Dear Bob:

Transmitted herewith are three copies of TEL-448, "Exploration
for uranium deposits in the Yellow Cat and Squaw Park areas, Thompson
district, Grand County, Utah," by C. M. Mobley and E. S. Santos,
June 1956.

Sincerely yours,

for J. H. Eric
W. H. Bradley
Chief Geologist

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Geology and Mineralogy

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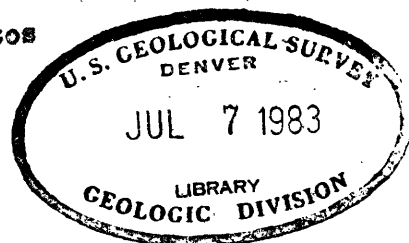
GEOLOGICAL SURVEY

EXPLORATION FOR URANIUM DEPOSITS IN THE YELLOW CAT AND SQUAW PARK AREAS
THOMPSON DISTRICT, GRAND COUNTY, UTAH*

By

C. M. Mobley and E. S. Santos

June 1956



Trace Elements Investigations Report 448

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EXPLORATION FOR URANIUM DEPOSITS IN THE YELLOW CAT AND SQUAW PARK AREAS,
THOMPSON DISTRICT, GRAND COUNTY, UTAH

By C. M. Mobley and E. S. Santos

ABSTRACT AND SUMMARY

The U. S. Geological Survey explored the Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah, for uranium- and vanadium-bearing deposits from October 8, 1951, to November 23, 1954. During that period, 995 diamond-drill holes, totaling 165,505 feet, and 726 wagon-drill holes, totaling 54,973 feet, were completed.

Sedimentary rocks of Mesozoic age are exposed in and adjacent to the Yellow Cat and Squaw Park areas. These rocks consist of the Entrada sandstone, Summerville formation, and Morrison formation, all of Late Jurassic age, the Burro Canyon formation of Early Cretaceous age, and the Dakota sandstone and Mancos shale of Late Cretaceous age.

The Morrison formation consists of two members, the Salt Wash sandstone member and the overlying Brushy Basin shale member. Uranium-vanadium deposits occur in Salt Wash sandstone lenses and the basal conglomeratic sandstone of the Brushy Basin member. The deposits are mainly tabular and blanket-like. Also present are elongate, pod-shaped masses, called "roll" deposits. The mineralized material, which consists mostly of sandstone selectively impregnated by uranium and vanadium minerals, is commonly associated with various types of carbonaceous material.

The following guides are useful in exploring for uranium and vanadium

deposits in the Yellow Cat and Squaw Park areas: (1) the sandstone near mineralized material is light gray to light brown, generally over 30 feet thick, and usually contains carbonaceous material, (2) the mudstone within and in contact with the base of the ore-bearing sandstone is gray in contrast to the red mudstone away from the deposits, (3) in the vicinity of large deposits the mudstone immediately above the ore-bearing sandstone is also gray, and (4) selenium-indicator and uranium-tolerant plants are found in areas where deposits are near the surface.

Indicated and inferred reserves of Class I material (calculated from chemical assay data) discovered by Geological Survey drilling totaled 56,850 short tons and averaged 0.24 percent U_3O_8 and 1.47 percent V_2O_5 . Potential reserves, predicted on geologic evidence, are estimated at 50,000 short tons, averaging 0.22 percent U_3O_8 and 1.30 percent V_2O_5 .

No further exploration is planned by the Geological Survey in the Yellow Cat and Squaw Park areas. It is believed that the deposits which might be found in the unexplored part of the area would be too small, deeply buried, and widely scattered to warrant additional exploration by the government at this time.

INTRODUCTION

The Yellow Cat area, comprising about 45 square miles, and the Squaw Park area, comprising about 12 square miles, are located in the Thompson district, Grand County, Utah (fig. 1). The Yellow Cat area is about 10 miles southeast of Thompson, Utah, and the adjoining Squaw Park area is about 8 miles from Cisco, Utah. The areas are accessible by three improved

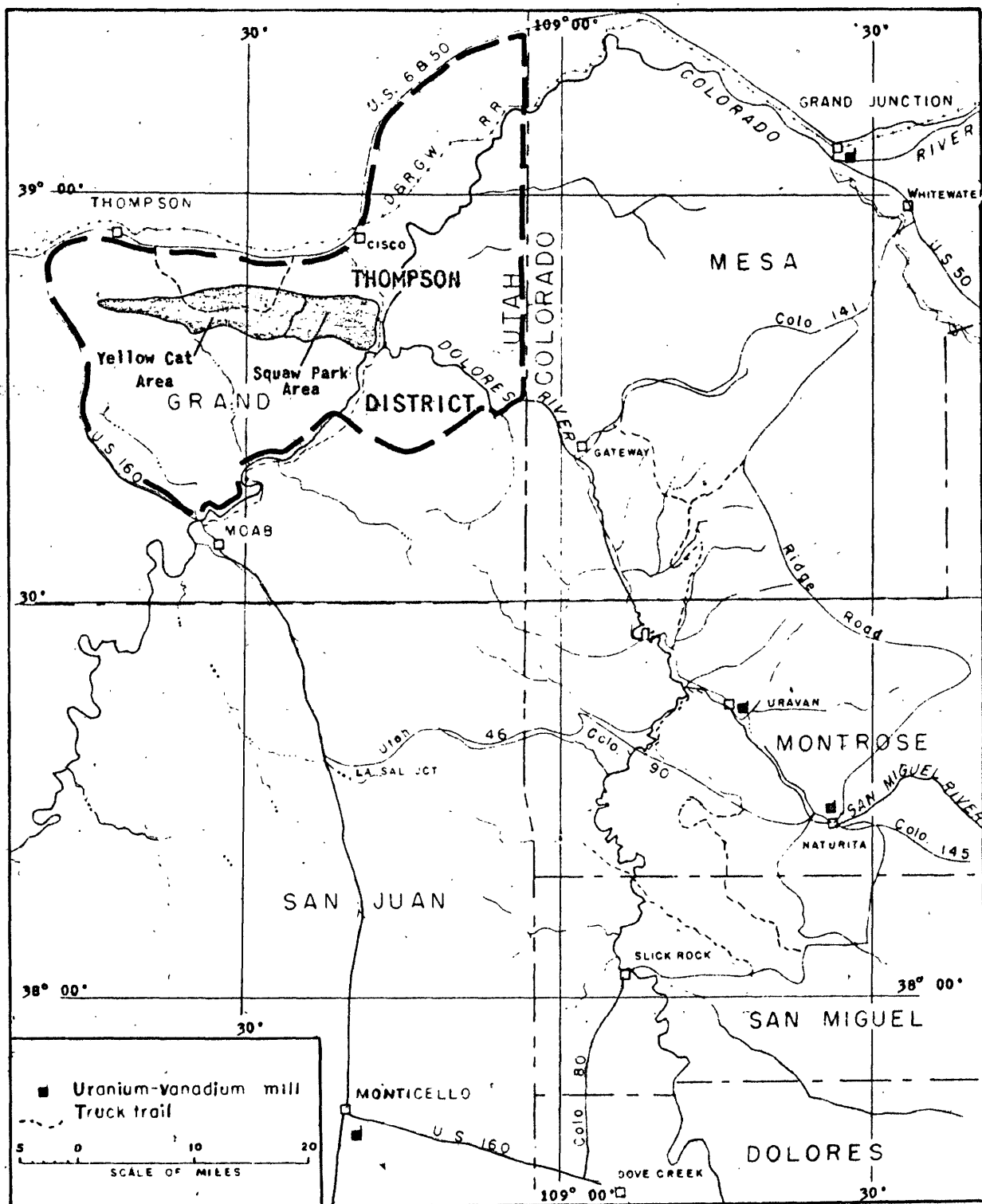


Figure 1.--Index map of part of the Colorado Plateau showing the location of the Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah

dirt roads leading south from U. S. Highway 50; one 5 miles east of Thompson and the others, 2 and 7 miles west of Cisco, Utah.

The altitude of the Yellow Cat and Squaw Park areas ranges from about 4,500 feet in the southern part to about 5,300 feet in the northern part. The relief is generally low and gentle, but locally, deep washes and abrupt cliffs make access difficult.

The vegetation consists of juniper and pinyon on the rock outcrops, and sagebrush, cacti, numerous grasses, and herbaceous plants on the alluvium. The climate is semiarid and water is scarce except after rainstorms and melting of the winter snows.

The U. S. Geological Survey explored the Yellow Cat and Squaw Park areas from October 8, 1951, to November 23, 1954. During that period, 995 diamond-drill holes, totaling 165,505 feet, and 726 wagon-drill holes, totaling 54,973 feet, were completed (figs. 2 and 3). Preliminary results of Geological Survey exploration have been reported (Alvord, 1952; Okerlund, 1953; and Mobley, 1953 and 1955). The purposes of the exploration were to find minable uranium deposits, to appraise uranium and vanadium reserves, to test the reliability of botanical guides, and to test the efficiency of wagon drills and sample-collecting machines used to collect wagon-drill cuttings. The exploration drilling tested five ore-bearing zones in the Morrison formation. Some of the tested zones were too deep or too far removed from mines to encourage private exploration.

The explored areas include parts of secs. 35 and 36, T. 22 S., R. 21 E.; all or parts of secs. 25, 26, 31, 32, 33, 34, 35, and 36, T. 22 S., R. 22 E.; parts of secs. 30, 31, 32, 33, 34, and 35, T. 22 S., R. 23 E.; all or parts

of secs. 1, 2, and 12, T. 23 S., R. 21 E.; all or parts of secs. 1, 2, 4, 5, 6, and 7, T. 23 S., R. 22 E.; and parts of secs. 2, 3, 4, 5, and 6, T. 23 S., R. 23 E., Salt Lake meridian, Grand County, Utah (figs. 2 and 3). Private claims and Utah school sections comprise about 95 percent of the explored ground. Many of the claims are not shown on figures 2, 3, 4, 6, and 7.

Indicated and inferred reserves of Class I material (calculated from chemical assay data) discovered by Geological Survey drilling totaled 56,850 short tons averaging 0.24 percent U_3O_8 and 1.47 percent V_2O_5 . The deposits attain a size of about 16,000 short tons. All of the reserve blocks, except block G (fig. 4), are on claimed land or school sections.

In the Yellow Cat area, uranium-vanadium deposits are found in five different sandstone layers in the Morrison formation. These sandstone layers are separated by variegated mudstones and shales (fig. 5). To facilitate stratigraphic correlation in subsurface exploration and outcrop studies these sandstone units (including the lowermost sandstone unit of the Brushy Basin member) have been arbitrarily assigned numbers 1 through 5 from top to bottom. The No. 1 sandstone is the conglomeratic sandstone at the base of the Brushy Basin member, the No. 2 sandstone is the top sandstone of the Salt Wash member, and numbers 3 through 5 are assigned to successively lower Salt Wash sandstone units. In the western part of the Yellow Cat area (fig. 4) uranium-vanadium deposits are found in the Nos. 1 through 5 ore-bearing sandstones; in the central part (fig. 6) in the No. 1 ore-bearing sandstone; in the eastern part (fig. 7) in the Nos. 1 through 4 ore-bearing sandstones; and in the Squaw Park area (fig. 3) in the No. 4 ore-bearing sandstone. Major

| SYSTEM | FORMATION | THICKNESS (FEET) | CHARACTER |
|------------|-------------------------------------|---------------------|---|
| CRETACEOUS | Mancos shale | | GRAY SHALE, FOSSILIFEROUS, FORMS VALLEYS AND STEEP SLOPES. |
| | Dakota sandstone Unconformity | 90 | BROWN SANDSTONE AND CONGLOMERATE, GRAY SHALES, COAL SEAMS. |
| | Burro Canyon formation | 40 - 110 | LIGHT-COLORED CONGLOMERATIC SANDSTONE, GREEN AND MAROON MUDSTONE; FORMS CLIFFS, MESA CAPPING. |
| JURASSIC | Harrison formation | 290 | BRUSHY BASIN MEMBER: VARI-COLORED SHALE(OR MUDSTONE). SOME SANDSTONE LENSES; FORMS SLOPES. URANIUM BEARING. |
| | | 260 | SALT WASH MEMBER: LIGHT-COLORED SANDSTONE AND RED AND GRAY-GREEN MUDSTONE; FORMS CLIFFS AND BENCHES; URANIUM BEARING. |
| | Summerville formation | 35 - 60 | RED AND GRAY SHALES, THIN SILTY SANDSTONES; FORMS SLOPES. |
| | Entrada formation | | RED AND WHITE MASSIVE SANDSTONE; FORMS SMOOTH, ROUNDED CLIFF. |

Figure 5.---GENERALIZED SECTION OF THE JURASSIC AND CRETACEOUS STRATA IN THE YELLOW CAT AND SQUAW PARK AREAS, THOMPSON MINING DISTRICT, GRAND COUNTY, UTAH.

deposits are found in the No. 3 and No. 4 ore-bearing sandstone in the central part of the Yellow Cat area; and in the No. 2 ore-bearing sandstone in the eastern part of the Yellow Cat area.

Deposits of carnotite ore were reported in the Yellow Cat area by Boutwell (1905), but production did not attain significant proportions until about 1935. In the fall of 1943, the U. S. Bureau of Mines, in conjunction with the U. S. Geological Survey, conducted a diamond-drilling program to develop ore for immediate mining. Fifty-three holes, averaging 33 feet in depth, were completed. One small deposit of high-grade vanadium ore was discovered (Huleatt and others, 1946). Between November 1943 and April 1944, the Union Mines Development Corp. made a field examination of the Yellow Cat and Squaw Park areas (Smith, 1944; and Smith and Hill, 1945). Private industry drilled several thousand feet of wagon-drill and diamond-drill holes close to mine workings.

Production of uranium-vanadium ore in the Thompson district, from 1935 through December 1954, totaled about 42,000 short tons that averaged about 0.30 percent U_3O_8 and 1.80 percent V_2O_5 . The U. S. Vanadium Co. maintains a sampling plant and purchasing depot at Thompson.

This report summarizes the results of the Geological Survey exploration in the Yellow Cat and Squaw Park areas, and contains a brief description of the geology and ore deposits. The work was done by the Geological Survey on behalf of the Division of Raw Materials of the U. S. Atomic Energy Commission.

GEOLOGY

Stratigraphy

Sedimentary rocks of Mesozoic age are exposed in and adjacent to the Yellow Cat and Squaw Park areas. From oldest to youngest these are: the Entrada sandstone, Summerville formation, and Morrison formation of Late Jurassic age, the Burro Canyon formation of Early Cretaceous age, and the Dakota sandstone and Mancos shale of Late Cretaceous age. The stratigraphy of the Morrison and related formations has been discussed in detail by Dane (1935) and Craig and others (1955); therefore, only the formations which have been or are most likely to be explored by drilling methods will be described. A generalized geologic section (fig. 5) briefly describes all formations exposed in the area.

Summerville formation

The Summerville formation of Late Jurassic age ranges from 37 to 58 feet in thickness and consists of argillaceous sandstones and arenaceous shales. The formation contains thin lenses of nodular limestone, large chert concretions 5 to 10 feet in diameter, and a small amount of manganiferous material. The dominant colors range from deep brick-red to maroon.

The Summerville formation usually crops out as short slopes between the Morrison formation and the Entrada sandstone but locally it is exposed in broad nearly level tracts. Its contact with the underlying Entrada sandstone is sharp and distinct. Its contact with the overlying Morrison formation is

gradational and characterized by interfingering of sandstones of Morrison lithology with red Summerville mudstones.

Morrison formation

The Morrison formation of Late Jurassic age consists of two members; the lower is the Salt Wash sandstone member and the upper is the Brushy Basin shale member. The Morrison formation averages about 550 feet in thickness, with the Salt Wash member comprising slightly less than one-half of the total.

Four major sandstone lenses have been recognized in the Salt Wash member and one lens in the Brushy Basin member. These sandstone lenses are known as the "ore-bearing" sandstones. For drilling reference they have been arbitrarily assigned numbers that increase downward. The conglomeratic sandstone at the base of the Brushy Basin member is called the No. 1 ore-bearing sandstone; the top sandstone of the Salt Wash member is called the No. 2 ore-bearing sandstone; and the successive Salt Wash sandstone units are Nos. 3 through 5. Uranium-vanadium deposits in the Yellow Cat and Squaw Park areas occur in all four sandstone lenses of the Salt Wash member, but most of the larger deposits are concentrated in the No. 4 ore-bearing sandstone (geologic sections, figs. 2, 8, and 9). Considerable amounts of ore have been produced from the basal conglomeratic sandstone of the Brushy Basin in the Yellow Cat area (school section 32 mines, figs. 2 and 4; and the Cactus Rat group, figs. 2 and 6). All the deposits discovered in the Brushy Basin member are near the surface and are characterized by oxidized uranium-vanadium minerals, carnotite and tyuyamunite, coating sand grains and pebbles.

The Salt Wash member consists of a series of resistant massive cross-bedded sandstone lenses interfingering with layers of mudstone. The member forms a long, narrow bench 1 to 2 miles wide (figs. 2 and 3). The sandstones, are white, light gray, light brown, and light red. Cementing material is almost exclusively calcite, the quantity of which varies widely within a particular sandstone lens. In general, the thinner sandstone lenses and the bottom few feet of the thicker sandstone lenses contain the most calcite cement. The ore-bearing sandstones are predominantly medium- to fine-grained with some conglomeratic facies, especially the No. 2 and No. 5 ore-bearing sandstones. The sandstone lenses range in thickness from a few feet to more than 60 feet; the No. 4 ore-bearing sandstone has the greatest thickness. Within the sandstone lenses mudstone seams, mudstone pebbles, and interstitial clay and silt are found. These, together with mudstone layers between the sandstone lenses, are predominantly red, but immediately above and below thick sandstone lenses in the vicinity of mineralized material they are gray.

The Brushy Basin shale member is mainly varicolored mudstone with a few thin lenses of sandstone and conglomerate. The color banding is distinctive; purple, red, gray, green, yellow, and maroon are present in practically all good exposures. Some of the mudstone beds are bentonitic and were probably derived by alteration of volcanic ash. In the Yellow Cat and Squaw Park areas the Brushy Basin member appears as a steep slope between the Burro Canyon formation and the Salt Wash member. The contacts are gradational. The upper contact is arbitrarily placed at the base of a fairly persistent thin ledge of conglomeratic sandstone which caps the steep slope.

The lower contact is considered to be the base of the first conglomeratic sandstone above sandstones of typical Salt Wash lithology. This conglomeratic sandstone is not everywhere present; therefore, the contact of the Brushy Basin with the Salt Wash is arbitrary in some places.

Burro Canyon formation

The Burro Canyon formation of Early Cretaceous age consists of a fairly persistent thin ledge of light-gray conglomeratic sandstone overlain by gray and green mudstone with occasional sandstone and conglomerate lenses. The basal conglomeratic sandstone is crossbedded and locally has been converted to dense, hard quartzite. From appearance of the talus in some places it is evident that this formation also contains lenses of bedded varicolored chert. Numerous irregular nodules and concretions of gray siliceous and calcareous material are characteristic. The thickness of the formation ranges from 90 to 110 feet.

The Cedar Mountain formation of Early Cretaceous age and its basal member, the Buckhorn conglomerate, were described and proposed as a formation by Stokes (1944) for strata west of the Colorado River and equivalent to the Burro Canyon formation. Although the Yellow Cat and Squaw Park areas lie northwest of the Colorado River, these Lower Cretaceous strata more closely resemble the typical Burro Canyon formation to the east. The Burro Canyon may intertongue with the Cedar Mountain formation at the extreme western edge of the area.

Dakota sandstone

The Dakota sandstone of Late Cretaceous age consists of interstratified mudstone, sandstone, and conglomerate. Thickness measurements vary from 40 to 110 feet. The variation in the measurements is mainly due to the difficulty in locating the contacts. The Mancos shale is usually stripped away from the upper surface of the Dakota sandstone on a gentle dip slope and alluvial accumulations on this surface obscure the upper contact. The lower contact is located approximately at the top of a steep talus slope below a massive sandstone ledge.

The predominantly coarse-grained buff or yellow sandstones of the formation contain sparsely disseminated carbonaceous material. The sandstones grade into conglomerates, and they are in part soft and friable and in part well indurated by calcareous and siliceous cement. Most of the pebbles in the conglomerate are black and gray chert. The interbedded mudstones are mostly gray.

Structure

The Yellow Cat and Squaw Park areas are on the northeast flank of the Salt Valley anticline, the dominating structural feature of the region. Salt Valley is essentially the topographic expression of a northwest-trending anticline, the crest of which has been dropped by a complicated fault system to form a structural trough.

Joints and faults of the areas appear to be related directly to the Salt Valley anticline. Both joints and faults strike about N. 60°-70° W., paralleling the Salt Valley anticline. Two faults in the Yellow Cat area, shown

in the southwest part of figures 2 and 4, form a graben with a maximum displacement of about 40 feet. The displacement diminishes westward; the faults apparently die out in the Brushy Basin member in the western half of sec. 1, T. 23 S., R. 21 E. No obvious relationship has been found between the faults and joint patterns and localization of ore deposits or mineralized ground. The structure of the Thompson district has been discussed in detail by Dane (1935).

ORE DEPOSITS

Most ore deposits of the Yellow Cat and Squaw Park areas occur in sandstones which have been selectively impregnated by uranium and vanadium minerals. The ore occurs as interstitial material in the sandstone and as coatings on sand grains and pebbles. Coatings of secondary uranium minerals occur along fractures within ore deposits. Rich concentrations of uranium- and vanadium-bearing minerals are commonly associated with carbonaceous material of various types. Most of the ore deposits are irregular tabular or lens-shaped masses lying parallel to the bedding, although they cross the bedding in places; deposits in the form of narrow elongate structures, called "rolls," are found in both near-surface and deeper mines in the district. The margins of the irregular tabular deposits are vaguely defined and mineralized material commonly extends well beyond the limits of ore grade material. In roll deposits the margins are usually well defined. In near-surface deposits the rolls are sharp distinct features with limonite halos on the barren concave sides of the rolls. In deep deposits rolls are less distinct and have halos of dark minerals on the barren concave side.

Orientation of the rolls is generally northeast-southwest but random orientations may be found in the same deposit.

Oxidized and unoxidized ore deposits were observed with all gradations between the two, even within the same deposit. The near-surface deposits are typically oxidized; the deeper deposits are generally unoxidized. The mineralized sandstone is gray, greenish gray and black in the deep deposits and gray to black, and brown to yellowish brown in the near-surface deposits. Abundant interstitial limonite is characteristic of ore-bearing sandstone in the near-surface deposits. Pyrite is usually associated with carbonaceous material.

The principal minerals found in the Thompson district are carnotite— $K_2(UO_2)_2(VO_4)_2 \cdot 1-3H_2O$, tyuyamunite— $Ca(UO_2)_2(VO_4)_2 \cdot 7-10-1/2 H_2O$, corvusite— $V_2O_4 \cdot 6V_2O_5 \cdot nH_2O$, hewettite— $CaV_6O_{16} \cdot 9H_2O$, vanadium hydromica— $(Al,V)_2(AlSi_3)(K,Na)O_{10}(OH,F)_2$, and pitchblende— $UO_2 \cdot UO_3$. Where carbonaceous material is found in a deposit it usually contains a high percentage of U_3O_8 . The ratio of uranium to vanadium in the area is 1 to 6. As no complete mineral-identification study has been made in the Yellow Cat and Squaw Park areas the relative abundance of the various minerals is unknown. Detailed discussion of the ore minerals may be found in publications by Fischer (1942) and Weeks and Thompson (1954).

Ore deposits range in size from small irregular masses containing only a few tons to large tabular masses containing several thousands of tons. The deposits are mainly confined to the zone of thicker, more persistent sandstone lenses, regardless of their position in the Morrison formation. No consistent regional orientation or trends of the ore deposits are obvious,

but drill-hole information and current lineation studies (Stokes, 1952, and Stokes and Mobley, 1954) indicate a general northeast trend of stream channels over most of the area.

GUIDES TO ORE

Numerous geologic features are known to be associated with mineralized rock; these are useful in evaluating the data obtained from drill cores and cuttings. The importance of these features as guides to ore has been studied by Weir (1952). The guides to ore used in the Yellow Cat and Squaw Park areas are modified versions of those presented by Weir.

Certain geologic criteria were used in defining ground as "favorable or unfavorable" for ore deposits in the Yellow Cat and Squaw Park areas. These are described below.

1. Most of the deposits are restricted to thick narrow belts of sandstone lenses. Subsurface studies indicate that these thick, narrow belts probably represent the location of major paleostream channels. The ore deposits generally occur where the ore-bearing sandstone is greater than 30 feet thick.

2. The sandstone near ore deposits is light brown or light gray.

3. The ore-bearing sandstone is interbedded with mudstone and contains thin lenses of mudstone and mudstone-pebble conglomerate. This mudstone is normally red, but near ore deposits the mudstone within and immediately beneath the ore-bearing sandstone is gray. In the larger deposits the mudstone immediately above the ore-bearing sandstone is also gray. In plan view the areas of gray mudstone are several times larger than the associated

mineralized rock and offer larger "exploration targets" in delineating favorable ground.

4. Nearly all the ore deposits in the Yellow Cat and Squaw Park areas contain organic material. Pod-shaped accumulations of carbonaceous fragments and mudstone pellets, called "trash pockets," and carbonized logs contain or are closely associated with uranium and vanadium minerals. Plant fossils that are found outside the deposits are usually silicified trees. However, silicified trees have been observed within a few feet of carbonized trees in several ore deposits. A few carbonized trees have silicified centers. Completely silicified trees in which no carbonaceous material is present are essentially barren of uranium and vanadium minerals.

5. Limonite and limonite-stained sandstone occur near ore and carbonaceous material in almost all the near-surface deposits.

In addition to these guides, several other geologic features were evaluated in an effort to develop new guides. These were gamma-ray anomalies at the contact of the ore-bearing sandstone and the underlying mudstone, fracture patterns, and structure contours at the base of the ore-bearing sandstone, carbon distribution, mudstone-sandstone ratios, variation in the thickness of the ore-bearing sandstone and basal gray mudstone, and trends of major paleostream channels. Structure contour and isopachous maps helped to delineate the trends of the major paleostream channels that apparently influenced the location of most of the deposits.

Botanical guides were used with success in the Yellow Cat area. The distribution of various species of selenium-indicator and uranium-tolerant plants were mapped and several hundred samples of plant material were

analyzed to determine the absorption of selenium and uranium by these plants (Cannon, 1951, 1952). Later some of the plant areas were drilled by the Geological Survey. The most useful indicator plants for discovering ore deposits to about 40 feet below the surface were found to be Astragalus pattersoni and A. preussi.

GEOLOGICAL SURVEY EXPLORATION

Geological Survey exploration in the Yellow Cat and Squaw Park areas started on October 8, 1951, and continued through November 23, 1954. During that period 995 diamond-drill holes were completed on 4 separate contracts for a total of 165,505 feet, and 726 wagon-drill holes were completed on 2 separate contracts for a total of 54,973 feet (figs. 2, 3, 4, 6, and 7).

Preliminary results of Geological Survey exploration have been reported (Alvord, 1952, Okerlund, 1953, and Mobley, 1953 and 1955).

Of the 1,721 holes drilled, 438 (337 diamond-drill holes and 101 wagon-drill holes) penetrated mineralized rock (material containing 0.02 percent or more U_3O_8 , or 0.10 percent or more V_2O_5); and 116 (92 diamond-drill holes and 24 wagon-drill holes) of the 438 holes penetrated mineralized rock in the highest reserve class used in this report (material 1 foot or more thick containing 0.10 percent or more U_3O_8 or 1.0 percent or more V_2O_5). The material penetrated by the latter 116 holes are hereafter referred to as Class I reserves.

About 95 percent of the explored ground is covered by school sections and private claims; the remaining 5 percent is public land.

The exploration drilling in the Yellow Cat area during the first

5 contracts consisted essentially of 3 stages. In the first stage holes were drilled on a 500- to 1,000-foot grid throughout most of the area. The diamond drills completed the 1,000-foot grid and the wagon drills, where possible, completed the pattern on 500-foot centers. The purpose of this stage of drilling was to delineate roughly the ground considered favorable for the occurrence of ore deposits.

The second stage consisted of drilling moderately spaced (100 to 250 feet) holes in some of the favorable areas indicated by the first stage of drilling. The purpose of the second stage of drilling was to discover ore deposits and to more closely define the limits of favorable ground.

In the third stage offset holes (50 to 100 feet apart) were drilled to delineate the extent of the deposits that were discovered by the first two drilling stages.

In addition to these three stages of drilling, 290 closely spaced (30 to 50 feet) holes were drilled on ground containing selenium-indicator and uranium-tolerant plant assemblages to test the reliability of botanical guides in the search for mineralized ground (Cannon, 1951, 1952). The results of the Geological Survey drilling on the basis of these plant assemblages will be submitted in a separate report (Cannon, in preparation). Also, 16 wagon-drill holes were drilled 1 to 6 feet from previously drilled diamond-drill holes to compare the percentage of cuttings and the grade of mineralized material recovered with the diamond-drill core. Three different types of sample-collecting devices were used (Gordon and others, 1953).

The objective of the sixth contract in the Yellow Cat area (secs. 35 and 36, T. 22 S., R. 21 E.) was to trace the westward extension of a favor-

able, mineralized sandstone lens found by previous Geological Survey drilling (figs. 2 and 4). The pattern of drilling consisted of closely spaced holes arranged in rows or fences spaced 1,000 feet apart and normal to the projected trend of the lens. Moderately spaced holes were drilled between the rows or fences and closely spaced holes were drilled to outline the ore deposits. Over 80 percent of the total Class I indicated and inferred reserves and 4 of the 6 deposits that contain over 1,000 short tons occur in this sandstone lens. The favorable ground, as defined by the Geological Survey, is confined to narrow belts (fig. 2) that may represent paleostream channels.

In the Squaw Park area, only widely spaced (1,000 to 2,500 feet) drilling was done.

Indicated and inferred reserves of Class I material (calculated from chemical assay data) discovered by the Geological Survey drilling totaled 56,850 short tons averaging 0.24 percent U_3O_8 and 1.47 percent V_2O_5 (table 1).

RESERVES

The terms "indicated" and "inferred" are applied to the reserves of uranium- and vanadium-bearing material in the deposits that are known from drill holes. These reserves are subdivided by thickness and grade cutoffs. The method used in calculating them is explained below. Figures expressing the calculated tonnage and grade of the indicated and inferred reserves for each reserve block, and for each grade cutoff, are given in table 2. The ground containing some of the reserve blocks and several geologic sections

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Table 1.—Summary of indicated and inferred reserves 1 foot or more thick.

| Reserves | Grade cutoff | Short tons | Percent | | Pounds / | |
|-----------|--|------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| | | | U ₃ O ₈ | V ₂ O ₅ | U ₃ O ₈ | V ₂ O ₅ |
| Indicated | 0.10% U ₃ O ₈ or 1.0% V ₂ O ₅ | 38,250 | 0.24 | 1.50 | 183,600 | 1,147,500 |
| | 0.05% U ₃ O ₈ or 0.50% V ₂ O ₅ | 60,450 | 0.18 | 1.15 | 217,600 | 1,390,350 |
| Inferred | 0.10% U ₃ O ₈ or 1.05% V ₂ O ₅ | 18,600 | 0.24 | 1.42 | 89,300 | 528,250 |
| | 0.05% U ₃ O ₈ or 0.50% V ₂ O ₅ | 30,000 | 0.19 | 1.10 | 114,000 | 660,000 |

/ Figures rounded to the nearest 50 pounds.

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Table 2. Indicated and inferred reserves 1 foot or more thick, in the Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah.

(Based on Geological Survey drilling, 1951-54)

| Block No. | Location (claims) | INDICATED | | | | | | INFERRED | | | | | |
|-----------|--------------------------------------|--|-------------------------------|-------------------------------|--|-------------------------------|-------------------------------|--|-------------------------------|-------------------------------|--|-------------------------------|-------------------------------|
| | | Grade cutoff | | | Grade cutoff | | | Grade cutoff | | | Grade cutoff | | |
| | | 0.10 percent U ₃ O ₈ | | | 0.05 percent U ₃ O ₈ | | | 0.10 percent U ₃ O ₈ | | | 0.05 percent U ₃ O ₈ | | |
| | | or | | | or | | | or | | | or | | |
| | | 1.0 percent V ₂ O ₅ | | | 0.50 percent V ₂ O ₅ | | | 1.0 percent V ₂ O ₅ | | | 0.50 percent V ₂ O ₅ | | |
| | | Short tons _/ | Percent | | Short tons _/ | Percent | | Short tons _/ | Percent | | Short tons _/ | Percent | |
| | | | U ₃ O ₈ | V ₂ O ₅ | | U ₃ O ₈ | V ₂ O ₅ | | U ₃ O ₈ | V ₂ O ₅ | | U ₃ O ₈ | V ₂ O ₅ |
| A | John | 1,350 | 0.26 | <0.10 | 1,750 | 0.45 | 0.78 | 1,150 | 0.27 | 0.53 | 1,700 | 0.35 | 0.82 |
| B | Blackstone No. 5 | 9,000 | 0.17 | 1.16 | 15,600 | 0.12 | 0.87 | 3,750 | 0.17 | 0.16 | 5,250 | 0.12 | 0.87 |
| C | Allor 12, Blackstone No. 5-7-9 | 6,700 | 0.18 | 1.31 | 9,850 | 0.13 | 1.02 | 3,800 | 0.19 | 1.25 | 5,650 | 0.13 | 0.92 |
| D | Blackstone No. 6 | 3,800 | 0.27 | 1.43 | 8,850 | 0.18 | 0.97 | 1,700 | 0.30 | 1.30 | 3,200 | 0.20 | 0.83 |
| E | T. 22 S., R. 21 E. School Section 36 | - | - | - | - | - | - | 600 | 0.06 | 1.07 | 850 | 0.07 | 0.96 |
| F | T. 22 S., R. 21 E. School Section 36 | 11,200 | 0.25 | 1.80 | 16,500 | 0.18 | 1.38 | 4,650 | 0.25 | 1.90 | 6,300 | 0.18 | 1.61 |
| G | Public land | - | - | - | - | - | - | 600 | 0.46 | 3.51 | 1,150 | 0.58 | 2.26 |
| H | Parco No. 23 | 5,700 | 0.37 | 2.12 | 6,850 | 0.33 | 1.81 | 900 | 0.39 | 2.18 | 1,300 | 0.34 | 1.75 |
| I | Little Pittsburg No. 5 | - | - | - | - | - | - | - | - | - | 150 | 0.12 | <0.10 |
| J | Minnie | - | - | - | - | - | - | 200 | 0.13 | 0.15 | 500 | 0.11 | 1.93 |
| K | A No. 3 | - | - | - | - | - | - | 600 | 0.56 | 1.01 | 1,000 | 0.35 | 0.83 |
| L | A No. 1, A No. 2 | - | - | - | 450 | 0.04 | 0.82 | - | - | - | 300 | 0.04 | 0.82 |
| M | Telluride No. 2 | - | - | - | - | - | - | 50 | 0.11 | 0.65 | 100 | 0.10 | 0.56 |
| N | Blackstone No. 3 | - | - | - | - | - | - | 200 | 0.36 | - | 200 | 0.36 | - |
| O | Blackstone No. 3 | - | - | - | - | - | - | - | - | - | 300 | 0.08 | <0.10 |
| P | Blackstone No. 3 | - | - | - | - | - | - | - | - | - | 300 | 0.24 | <0.10 |
| Q | Parco No. 25 | 50 | 0.40 | 0.84 | 150 | 0.29 | 0.91 | 100 | 0.28 | 0.87 | 800 | 0.70 | 0.88 |
| R | Allor No. 4 | - | - | - | - | - | - | - | - | - | 50 | <0.02 | 0.78 |
| S | Allor No. 4 | 200 | 0.23 | 0.77 | 200 | 0.23 | 0.77 | 100 | 0.23 | 0.77 | 100 | 0.23 | 0.77 |
| T | Allor No. 3 | - | - | - | - | - | - | - | - | - | 550 | 0.08 | 0.73 |
| U | Memphis No. 3 | - | - | - | - | - | - | 50 | 0.12 | <0.10 | 50 | 0.12 | <0.10 |
| V | Memphis No. 1, 2 | - | - | - | - | - | - | 50 | 0.14 | 0.49 | 50 | 0.14 | 0.49 |
| W | Socko No. 2 | 250 | 0.24 | 1.09 | 250 | 0.24 | 1.09 | - | - | - | - | - | - |
| X | Little Pittsburg No. 4 | - | - | - | - | - | - | 50 | <0.02 | 1.29 | 50 | 0.03 | 0.71 |
| Y | Little Pittsburg No. 3 | - | - | - | - | - | - | 50 | 0.22 | 0.86 | 50 | 0.13 | 0.83 |
| Z | Red Vanadium 1-R | - | - | - | - | - | - | - | - | - | 50 | 0.12 | 0.12 |
| Totals | | 38,250 | 0.24 | 1.50 | 60,450 | 0.18 | 1.15 | 18,600 | 0.24 | 1.42 | 30,000 | 0.19 | 1.10 |

/ Rounded to the nearest 50 tons.

showing the position of the mineralized rock in the ground are shown on figures 4, 8, and 9.

In addition to the known deposits, other deposits are probably present. These unknown deposits are predicted solely on interpretation of geologic evidence, as there is no physical proof of their existence, and the term "potential reserves" is applied to the material in these deposits.

Although reserves are not classified in this report according to their availability for mining, consideration was given to the 1954 mining and milling practices in selecting the higher grade and thickness cutoffs. This was done to obtain figures for a category of reserves that would express as nearly as possible the tonnage and grade of the material that might actually be mined from these deposits under 1954 conditions. A summary of indicated and inferred reserves in this category, and in a lower-grade category (calculated from chemical assay data), is given in table 1. A more detailed presentation is given in table 2.

Indicated and inferred reserves

Definitions

Known reserves are classed as indicated and inferred. There are erratic variations in thickness and grade of uranium- and vanadium-bearing ore within short distances, and a general lack of abundant sample data for individual reserve blocks. For these reasons, the amount of reserves that can be calculated within a small limit of error, and thus can be classed as "measured," is so small as to be nearly negligible. Therefore, reserves

that might be classed as measured are included with indicated reserves.

Indicated reserves / are those for which the grade is computed from

/ The definitions used here for indicated and inferred reserves are abstracted from the definitions adopted by the Bureau of Mines and the Geological Survey in April 1943.

drill-hole samples, and for which the tonnage is computed by projections from drill holes. Inferred reserves are those for which quantitative estimates are based largely on broad knowledge of the geologic character of the deposits and for which there are few, if any, samples or measurements.

Because of the variations in thickness and grade of ore and the scarcity of sample data, the indicated reserves in any single reserve block might actually amount to as much as twice the calculated tonnage or as little as one-half the calculated tonnage. The limit of error of the total tonnage for several blocks, however, is probably considerably lower, perhaps not more than 25 percent of the calculated tonnage. For this reason indicated reserves are not computed for reserve-grade material cut by single holes that have not been offset or cannot be connected with known deposits or mine workings. The limit of error in the tonnage figures for inferred reserves, of course, is apt to be higher than for indicated reserves.

Thickness cutoffs

Although mining practices vary throughout the region as well as with individual operators, under 1954 mining conditions most ore deposits of average grade are being mined to where they pinch to a layer about 1 foot

thick. Layers of material less than 1 foot thick are mined in places if the grade is high. The tonnage of minable material less than 1 foot thick is small with respect to the total reserves and for that reason reserves less than 1 foot thick are not calculated.

Grade cutoffs

The deposits contain two metals of economic importance, uranium and vanadium. The oxides of these metals, U_3O_8 and V_2O_5 , occur in an average ratio of about 1:6 as calculated from the chemical assays of the Geological Survey drill core and cuttings. Within the deposits, however, the two metals are so erratically distributed that a single sample obtained from a drill hole is not necessarily representative of the metal ratio or grade of material near the point sampled. Knowing this by experience, the miner will drive toward a drill hole that shows a high percentage of vanadium, even though the uranium content of the sample might be negligible. Thus the material in the vicinity of this sample must be classed as reserves, even though the sample shows a high percentage of only one metal. Furthermore, with the 1951 price schedules (Atomic Energy Commission, 1951) for uranium ore, vanadium constitutes about two-fifths of the market value of ore that has a U:V ratio of 1:6. Thus both metals must be considered in reserve appraisals and in selecting grade cutoffs.

Reserves 1 foot or more thick are classified by two grade cutoffs. The higher cutoff—0.10 percent U_3O_8 or 1.00 percent V_2O_5 —corresponds to the Atomic Energy Commission purchase cutoff for uranium and the commonly used mill cutoff for vanadium. Reserves are figured also on a lower cutoff—

0.05 percent U_3O_8 or 0.50 percent V_2O_5 —on the possibility that conditions in the future might cause the mills to accept lower-grade ore.

Calculation of tonnage

The method used for calculating the volume, and hence the tonnage, of a reserve unit 1 foot or more thick is based upon the premise that the reserve unit is a uniformly tapered mass. The average thickness of the drill-hole samples that can be combined within the specified grade class is assumed to be the average thickness of the reserve unit.

By definition, the tonnage of the indicated reserves "... is computed by projection for a reasonable distance on geologic evidence." Throughout the Yellow Cat and Squaw Park areas, indicated reserves are projected where correlation of samples is good between drill holes that are not more than 125 feet apart. Indicated reserves are not projected more than 25 feet beyond sample points where the edge of the deposit has not been located or where correlation of data between sample points is lacking. Reserves are classed as inferred rather than indicated if the projection exceeds these lengths. Inferred reserves are projected to the assumed limits of the deposits as determined by geologic evidence and interpretation.

A constant of 14 cubic feet per ton is used to calculate tonnage.

Calculation of grade

The average grade of the indicated and inferred reserves is calculated by weighting the assay values of all samples that qualify as reserves within the grade and thickness limits. As strict grade cutoffs are used, it is

generally expected that the average grade assigned to the reserve blocks will be somewhat higher than the average grade of the ore that will be eventually mined from them. This is due to the unavoidable dilution of the ore with waste and low-grade material during mining. On the other hand, the tonnage assigned to these blocks should be somewhat lower than the tonnage mined from them, owing to the increment of waste and low-grade material.

Reserve blocks

Masses or units of mineralized rock that constitute an indicated or inferred reserve, as defined by the thickness and grade cutoffs, are called reserve blocks. The geometric limits of reserve blocks are determined by the rules used in calculating reserves (see above). The exact positions of the blocks are not shown on figure 4 though the mineralized ground that contains the blocks is designated by block letters. Where mineralized layers overlap, even though they contain two or more masses of reserves, a single block number is assigned, and the total tonnage of the masses, as well as their weighted grade, is shown on table 2.

Potential reserves

Potential reserves are estimates of the amount of reserve material that is probably present in deposits that have not been discovered to date. Their presence is predicted on the basis of geologic reasoning. About 50,000 short tons of potential reserves are estimated for the Yellow Cat and Squaw Park areas. These reserve masses are 1 foot or more thick

and probably contain about 0.22 percent U_3O_8 and about 1.30 percent V_2O_5 . About one-third of these potential reserves are probably contained in small deposits of less than 1,000 short tons scattered throughout the areas. The remaining potential reserves are probably contained in deposits of less than 1,000 short tons west of block G, and northeast of blocks B, C, D, N, O, and P (fig. 4).

CONCLUSIONS

No additional exploration is planned by the Geological Survey for the Yellow Cat and Squaw Park areas. The deposits as a whole are relatively small, of marginal grade and thickness, and usually located in narrow sandstone lenses. It is believed that the deposits which might be found in the unexplored part of the area would be too small, deeply buried, and widely scattered to warrant additional exploration by the government at this time (1956).

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Table 3—Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah.

Geological Survey exploration, 1951-54. Assays by the Geological Survey.

Rock units containing less than 0.020 percent U₃O₈, less than 0.020 percent equivalent U₃O₈, and less than 0.10 percent V₂O₅ as determined by assay of drill core, are considered to be barren. Barren holes and rock units are omitted from this table.

Gamma-ray data obtained by probing drill holes with radiometric logging unit. Radioactivity expressed as percent equivalent U₃O₈. Values less than 0.020 percent eU₃O₈ are omitted from this table. These data are of doubtful reliability.

Assay data listed under blocks A through Z are within the blocks of calculated reserves discussed in this report.

Assay data under "other holes" are within areas from which no reserves were calculated because the samples recovered are too thin or too weakly mineralized to qualify for the selected grade and thickness cutoffs.

Collar elevations obtained by plane-table and transit survey methods; others by less accurate methods shown with asterisk(*).

| | |
|-------|-------------------|
| Undet | Undetermined |
| e | Equivalent |
| < | Less than |
| W | Wagon-Drill holes |

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Table 3.--Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued.
Gamma-ray data

| Hole No. and collar elev. (feet) | Depth in feet | | Thickness (feet) | Percent | | U ₃ O ₈ | Depth in feet | | Percent eU ₃ O ₈ | Thickness (feet) | |
|-------------------------------------|---------------|--------|---------------------|-------------------------------|-------------------------------|-------------------------------|---------------|-------|---|---------------------|-------|
| | From | To | | U ₃ O ₈ | V ₂ O ₅ | | From | To | | From | To |
| Flock A John 111 (4869) | 146.75 | 147.75 | 1.0 | 0.11 | <0.10 | 5.6 | 147.1 | 147.6 | 1.3 | 147.1 | 147.6 |
| | 147.75 | 148.90 | 1.15 | 0.087 | 0.11 | 4.2 | 147.6 | 148.8 | 0.076 | 147.6 | 148.8 |
| | 148.90 | 149.70 | 0.8 | 0.11 | <0.10 | 3.2 | 148.8 | 149.8 | 0.25 | 148.8 | 149.8 |
| | 149.70 | 150.0 | 0.3 | 0.088 | 0.11 | 1.7 | 149.8 | 150.5 | 0.072 | 149.8 | 150.5 |
| | 150.0 | 150.75 | 0.75 | 0.030e | <0.10 | Undet | | | | | |
| 119 (4865) | 151.75 | 152.0 | 0.25 | 0.030e | <0.10 | Undet | 151.7 | 152.9 | 0.31 | 151.7 | 152.9 |
| | 152.5 | 152.75 | 0.25 | 0.029e | <0.10 | Undet | 160.9 | 161.5 | 0.19 | 160.9 | 161.5 |
| | 160.2 | 160.95 | 0.75 | 0.048 | <0.10 | 3.8 | | | | | |
| | 156.15 | 157.30 | 1.15 | 0.004e | 0.18 | Undet | | | Barren | | |
| 324 (4867) | 157.30 | 157.55 | 0.25 | 0.016e | 0.22 | Undet | | | | | |
| | 157.55 | 158.00 | 0.45 | 0.032e | 0.27 | Undet | | | | | |
| | 152.60 | 153.20 | 0.60 | 3.00 | 9.53 | 8.8 | 153.3 | 154.2 | 2.8 | 153.3 | 154.2 |
| | 153.20 | 153.50 | 0.30 | 0.75 | 0.21 | 35.5 | 154.2 | 156.2 | 0.12 | 154.2 | 156.2 |
| | 153.50 | 153.90 | 0.40 | 0.051 | 0.16 | 13.2 | 156.2 | 157.3 | 0.82 | 156.2 | 157.3 |
| | 153.90 | 154.50 | 0.60 | 0.051e | <0.10 | 5.5 | 157.3 | 158.4 | 0.20 | 157.3 | 158.4 |
| | 154.50 | 154.80 | 0.30 | 0.10 | 0.16 | 5.4 | 158.4 | 159.5 | 0.096 | 158.4 | 159.5 |
| | 154.80 | 154.90 | 0.10 | 0.067 | <0.10 | 4.2 | | | | | |
| | 154.90 | 155.50 | 0.60 | 0.19 | <0.10 | 5.8 | | | | | |
| | 155.50 | 156.50 | 1.00 | 0.67 | <0.10 | 3.9 | | | | | |
| | 156.50 | 156.80 | 0.30 | 0.28 | <0.10 | 5.3 | | | | | |
| | 156.80 | 157.70 | 0.90 | 0.15 | 0.12 | 5.9 | | | | | |
| | 157.70 | 158.60 | 0.90 | 0.13 | 0.18 | 6.9 | | | | | |

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Table 3--Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued.
Assay data

| Hole No. and collar elev. (feet) | Depth in feet | | Thickness (feet) | Percent | | Thickness (feet) | Depth in feet | | Percent eU_3O_8 | Thickness (feet) | |
|--|---------------|--------|---------------------|----------|----------|---------------------|---------------|----|----------------------|---------------------|-------|
| | From | To | | U_3O_8 | V_2O_5 | | From | To | | From | To |
| Block A John--Continued | | | | | | | | | | | |
| 325 | 141.80 | 142.00 | 0.20 | 0.014e | 0.34 | Undet | | | 0.027 | 123.3 | 124.4 |
| (4869) | 146.05 | 146.65 | 0.60 | 0.037 | 0.14 | 1.2 | | | 0.023 | 138.4 | 139.1 |
| | 157.50 | 157.80 | 0.30 | 0.040 | <0.10 | 3.5 | | | 0.048 | 145.7 | 146.6 |
| | 157.80 | 158.70 | 0.90 | 0.11 | <0.10 | 4.7 | | | 0.061 | 157.7 | 159.1 |
| | 158.70 | 159.00 | 0.30 | 0.024 | 0.13 | 4.4 | | | 0.28 | 159.1 | 160.0 |
| | 159.00 | 159.60 | 0.60 | 0.46 | 0.13 | 16.7 | | | | | |
| | 159.60 | 159.90 | 0.30 | 0.27 | 0.10 | 8.1 | | | | | |
| 328 | 158.70 | 159.00 | 0.30 | 0.33 | 0.22 | 3.3 | | | 0.15 | 158.6 | 159.4 |
| (4869) | 159.00 | 159.20 | 0.20 | 0.15 | 0.14 | 4.2 | | | 0.021 | 161.4 | 162.6 |
| | 163.80 | 164.20 | 0.40 | 0.023e | <0.10 | Undet | | | | | |
| 329 | 152.00 | 152.60 | 0.60 | 0.12 | <0.10 | 5.5 | | | 0.020 | 147.0 | 147.8 |
| (4867) | 154.90 | 156.20 | 1.30 | 0.027e | <0.10 | Undet | | | 0.15 | 151.9 | 152.7 |
| | 157.10 | 157.40 | 0.30 | 0.027e | <0.10 | Undet | | | 0.032 | 154.6 | 156.6 |
| | 157.70 | 158.90 | 1.20 | 0.024e | <0.10 | Undet | | | 0.035 | 157.1 | 159.1 |
| 334 | 159.55 | 159.85 | 0.30 | 0.031e | <0.10 | Undet | | | 0.026 | 160.1 | 161.5 |
| (4872) | | | | | | | | | | | |

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Table 3.- Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued.
Gamma-ray data

| Hole No. and collar elev. (feet) | Depth in feet | | Thickness (feet) | Percent | | Thickness (feet) | Depth in feet | | Percent eU ₃ O ₈ | Thickness (feet) | |
|--|---------------|--------|---------------------|-------------------------------|-------------------------------|---------------------|---------------|----|---|---------------------|-------|
| | From | To | | U ₃ O ₈ | V ₂ O ₅ | | From | To | | From | To |
| Block A John--Continued | | | | | | | | | | | |
| 336 (4922) | 118.80 | 119.10 | 0.30 | 0.026e | <0.10 | Undet | | | 0.11 | 141.1 | 142.4 |
| | 140.60 | 141.50 | 0.90 | 0.023 | 0.46 | 1.5 | | | 0.035 | 144.5 | 145.4 |
| | 141.50 | 142.40 | 0.90 | 0.026e | 0.32 | Undet | | | | | |
| | 144.25 | 144.80 | 0.55 | 0.023e | <0.10 | Undet | | | | | |
| 537 (4870) | 161.30 | 161.90 | 0.60 | 0.034 | 0.25 | 2.8 | | | 0.17 | 159.4 | 160.6 |
| 543 (4869) | 155.40 | 155.70 | 0.30 | 0.050 | <0.10 | 3.6 | | | 0.025 | 154.8 | 155.9 |
| 548 (4863) | 140.00 | 140.30 | 0.30 | 0.66 | 0.17 | 2.6 | | | 0.26 | 139.3 | 139.9 |
| | 140.30 | 140.60 | 0.30 | 0.025e | <0.10 | Undet | | | 2.40 | 152.6 | 153.3 |
| | 152.00 | 152.90 | 0.90 | 0.035 | 1.69 | 2.9 | | | | | |
| | 152.90 | 153.60 | 0.70 | 0.85 | 3.92 | 1.0 | | | | | |
| 553 (4871) | 158.00 | 158.30 | 0.30 | 0.047 | 0.61 | 3.2 | | | 0.032 | 156.0 | 157.5 |
| 554 (4870) | 144.80 | 145.80 | 1.00 | 0.027e | 0.21 | Undet | | | 0.11 | 144.9 | 145.9 |
| | | | | | | | | | 0.13 | 166.1 | 166.7 |

OFFICIAL USE ONLY

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Table 3.--Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued.
Gamma-ray data

| Hole No. and collar elev. (feet) | Depth in feet | | Thickness (feet) | Percent | | Thickness (feet) | Depth in feet | | Thickness (feet) |
|----------------------------------|---------------|--------|------------------|-------------------------------|-------------------------------|------------------|---------------|-------|------------------|
| | From | To | | U ₃ O ₈ | V ₂ O ₅ | | From | To | |
| Block A John--Continued | | | | | | | | | |
| 559 | 154.70 | 155.30 | 0.60 | 0.031 | <0.10 | 6.5 | 154.4 | 155.2 | 0.8 |
| (4860) | | | | | | | | | |
| 561 | 161.80 | 162.20 | 0.40 | 0.32 | <0.10 | 8.3 | 160.4 | 161.2 | 0.8 |
| (4864) | | | | | | | | | |
| Block B Blackstone No. 5 | | | | | | | | | |
| 115 | 103.90 | 104.75 | 0.85 | 0.092 | <0.10 | 8.1 | 104.2 | 105.4 | 1.2 |
| (4850) | 104.75 | 105.40 | 0.65 | 0.57 | 0.18 | 4.4 | 105.4 | 107.0 | 1.6 |
| | 105.4 | 106.4 | 1.0 | 0.53 | 0.87 | 3.9 | 107.0 | 109.2 | 2.2 |
| | 106.4 | 107.45 | 1.05 | 0.10 | 0.95 | 6.5 | | | |
| | 107.45 | 108.4 | 0.95 | 0.056 | 1.10 | 5.5 | 113.0 | 113.9 | 0.9 |
| | 108.4 | 109.8 | 1.4 | 0.039 | 0.75 | 5.3 | | | |
| | 109.8 | 110.5 | 0.7 | 0.027e | 1.77 | 5.2 | 117.0 | 118.7 | 1.7 |
| | 110.5 | 112.05 | 1.55 | 0.009e | 1.05 | 5.1 | 118.7 | 121.2 | 2.5 |
| | 112.05 | 112.4 | 0.35 | 0.029e | 0.59 | 5.1 | | | |
| | 112.4 | 113.8 | 1.4 | 0.017e | 1.50 | 3.8 | | | |
| | 113.8 | 115.1 | 1.3 | 0.057 | 7.53 | 1.8 | | | |
| | 115.1 | 115.45 | 0.35 | 0.018e | 1.77 | 4.0 | | | |
| | 115.45 | 115.8 | 0.35 | 0.040 | 4.89 | 2.2 | | | |
| | 115.8 | 116.4 | 0.6 | 0.019e | 1.43 | 3.4 | | | |
| | 116.4 | 117.5 | 1.1 | 0.024e | 1.28 | 4.0 | | | |
| | 117.5 | 118.1 | 0.6 | 0.047 | 0.94 | 4.0 | | | |
| | 118.1 | 118.35 | 0.25 | 0.013e | 0.22 | Undet | | | |
| | 118.35 | 118.6 | 0.25 | 0.024e | 0.22 | Undet | | | |
| | 118.6 | 119.1 | 0.5 | 0.079 | 0.13 | 4.4 | | | |
| | 119.1 | 119.85 | 0.75 | 0.19 | 0.19 | 5.6 | | | |
| | 119.85 | 120.85 | 1.0 | 0.11 | 0.18 | 4.4 | | | |
| | 120.85 | 121.1 | 0.25 | 0.037 | <0.10 | 5.3 | | | |
| | 121.1 | 121.6 | 0.5 | 0.025e | <0.10 | Undet | | | |

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Table 3.--Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued.
Gamma-ray data

| Hole No. and collar elev. (feet) | Depth in feet | | Thickness (feet) | Percent | | U ₃ O ₈ | V ₂ O ₅ | CaCO ₃ | Percent eU ₂₃₈ | Depth in feet | | Thickness (feet) |
|--|---------------|--------|---------------------|---------|-------|-------------------------------|-------------------------------|-------------------|------------------------------|---------------|-------|---------------------|
| | From | To | | From | To | | | | | | | |
| Block B Blackstone No. 5--Continued | | | | | | | | | | | | |
| 316 (4849) | 108.6 | 108.85 | 0.25 | 0.028e | 0.13 | Undet | | | 0.14 | 108.0 | 109.5 | 1.5 |
| | 108.85 | 109.6 | 0.75 | 0.064 | <0.10 | 3.8 | | | 0.47 | 109.5 | 110.6 | 1.1 |
| | 109.6 | 109.8 | 0.2 | 0.050 | <0.10 | 4.0 | | | | | | |
| | 109.8 | 111.2 | 1.4 | 0.14 | <0.10 | 3.7 | | | 0.021 | 119.7 | 120.9 | 1.2 |
| | 111.2 | 111.7 | 0.5 | 0.28 | 0.23 | 3.3 | | | | | | |
| | 111.7 | 112.2 | 0.5 | 0.17 | <0.10 | 5.9 | | | | | | |
| 317 (4853) | 112.2 | 112.8 | 0.6 | 0.062 | 0.11 | 4.1 | | | | | | 39 |
| | 106.5 | 106.8 | 0.3 | 0.029e | 1.07 | 4.0 | | | 0.62 | 113.3 | 114.0 | 0.7 |
| | 106.8 | 107.0 | 0.2 | 1.07 | 11.71 | 0.9 | | | | | | |
| | 107.0 | 107.25 | 0.25 | 0.036 | 0.34 | 3.8 | | | 0.19 | 114.5 | 115.4 | 0.9 |
| | 107.50 | 107.75 | 0.25 | 0.024e | 0.72 | 3.3 | | | 0.020 | 121.1 | 122.0 | 0.9 |
| | 114.7 | 114.9 | 0.2 | 0.28 | 2.02 | 1.0 | | | | | | |

OFFICIAL USE ONLY

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Table 3.--Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued.

| Hole No. and collar elev. (feet) | Depth in feet | | Thickness (feet) | Percent | | Thickness (feet) | Depth in feet | | Percent U_3O_8 | Thickness (feet) | | Thickness (feet) |
|-------------------------------------|---------------|--------|------------------|----------|----------|------------------|---------------|----|------------------|------------------|-------|------------------|
| | From | To | | U_3O_8 | V_2O_5 | | From | To | | From | To | |
| Block B Blackstone No. 5--Continued | | | | | | | | | | | | |
| 318 | 109.3 | 109.55 | 0.25 | 0.14 | 1.02 | 4.2 | | | 0.15 | 108.6 | 109.4 | 0.8 |
| (4856) | | | | | | | | | | | | |
| | 110.5 | 111.25 | 0.75 | 0.008e | 0.47 | Undet | | | 0.061 | 118.9 | 119.8 | 0.9 |
| | 111.25 | 112.3 | 1.05 | 0.010e | 0.94 | 3.6 | | | | | | |
| | 112.3 | 113.5 | 1.2 | 0.009e | 1.26 | 2.9 | | | 0.11 | 123.3 | 124.6 | 1.3 |
| | 113.5 | 114.85 | 1.35 | 0.008e | 1.34 | 3.1 | | | | | | |
| | 114.85 | 116.0 | 1.15 | 0.009e | 1.81 | 3.1 | | | 0.033 | 156.5 | 157.3 | 0.8 |
| | 116.0 | 117.2 | 1.2 | 0.010e | 1.92 | 3.1 | | | | | | |
| | 117.2 | 118.5 | 1.3 | 0.009e | 1.62 | 3.6 | | | | | | |
| | 118.5 | 119.9 | 1.4 | 0.017e | 2.07 | 2.7 | | | | | | |
| | 119.9 | 120.15 | 0.25 | 0.062 | 3.18 | 1.6 | | | | | | |
| | 120.15 | 121.0 | 0.85 | 0.012e | 0.13 | Undet | | | | | | |
| | 121.0 | 121.8 | 0.8 | 0.005e | 1.00 | 3.6 | | | | | | |
| | 121.8 | 122.65 | 0.85 | 0.010e | 0.49 | Undet | | | | | | |
| | 122.65 | 123.5 | 0.85 | 0.007e | 0.30 | Undet | | | | | | |
| | 123.5 | 123.75 | 0.25 | 0.014e | 2.98 | 2.6 | | | | | | |
| | 123.75 | 124.2 | 0.45 | 0.11 | 0.12 | 2.7 | | | | | | |
| | 124.2 | 124.95 | 0.75 | 0.080 | <0.10 | 4.0 | | | | | | |
| 320 | 158.7 | 158.9 | 0.2 | 0.005e | 0.20 | Undet | | | Barren | | | |
| (4851) | | | | | | | | | | | | |
| 383 | 111.7 | 111.9 | 0.2 | 0.039 | 0.65 | 1.6 | | | 0.038 | 108.3 | 109.2 | 0.9 |
| (4851) | | | | | | | | | | | | |
| | 113.0 | 113.2 | 0.2 | 0.015e | 0.43 | Undet | | | 0.066 | 110.7 | 111.4 | 0.7 |

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Table 3.—Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah—Continued.
Gamma-ray data

| Hole No. and collar elev. (feet) | Depth in feet | | Thickness (feet) | Percent | | Thickness (feet) | Depth in feet | | Percent eU_3O_8 | Thickness (feet) | |
|--|---------------|-------|---------------------|----------|----------|---------------------|-------------------|-------|----------------------|---------------------|-----|
| | From | To | | U_3O_8 | V_2O_5 | | CaCO ₃ | From | | To | |
| Block B Blackstone No. 5--Continued | | | | | | | | | | | |
| 384 (4855) | 115.1 | 115.4 | 0.3 | 0.012e | 0.40 | Undet | 115.3 | 116.2 | 0.035 | 115.3 | 0.9 |
| | 115.4 | 115.8 | 0.4 | 0.026 | 2.00 | 1.6 | 117.1 | 118.2 | 0.026 | 117.1 | 1.1 |
| | 115.8 | 115.9 | 0.1 | 0.008e | 0.23 | Undet | 121.3 | 122.1 | 0.022 | 121.3 | 0.8 |
| 385 (4860) | 116.8 | 118.3 | 1.5 | 0.011e | 0.23 | Undet | 155.5 | 156.2 | 0.12 | 155.5 | 0.7 |
| | 155.8 | 156.0 | 0.2 | 0.82 | 0.13 | 2.3 | 111.3 | 112.1 | 0.055 | 111.3 | 0.8 |
| | 115.5 | 116.7 | 1.2 | 0.004e | 0.24 | Undet | 124.4 | 125.5 | 0.17 | 124.4 | 1.1 |
| | 117.0 | 118.6 | 1.6 | 0.006e | 0.51 | 2.7 | 126.3 | 127.1 | 0.24 | 126.3 | 0.8 |
| | 118.6 | 120.2 | 1.6 | 0.010e | 1.52 | 2.6 | 127.4 | 129.1 | 0.17 | 127.4 | 1.7 |
| | 120.2 | 121.7 | 1.5 | 0.018e | 1.96 | 2.0 | 131.6 | 132.4 | 0.022 | 131.6 | 0.8 |
| | 121.7 | 122.3 | 0.6 | 0.021e | 0.75 | 2.8 | | | | | |
| 388 (4849) | 123.4 | 124.0 | 0.6 | 0.017e | 0.69 | 2.8 | | | | | |
| | 124.0 | 124.8 | 0.8 | 0.041 | 0.34 | 3.2 | | | | | |
| | 124.8 | 125.3 | 0.5 | 0.026 | 0.47 | 3.0 | | | | | |
| | 125.3 | 125.9 | 0.6 | 0.020e | 0.26 | Undet | | | | | |
| | 125.9 | 126.7 | 0.8 | 0.076 | 0.68 | 2.7 | | | | | |
| | 126.7 | 127.3 | 0.6 | 0.037 | 0.50 | 4.4 | | | | | |
| | 127.3 | 127.9 | 0.6 | 0.12 | 0.50 | 3.6 | | | | | |
| | 127.9 | 128.0 | 0.1 | 0.11 | 0.47 | 2.5 | | | | | |
| | 128.0 | 128.9 | 0.9 | 0.15 | <0.10 | 4.1 | | | | | |
| | 128.9 | 129.2 | 0.3 | 0.032e | <0.10 | Undet | | | | | |
| | 100.8 | 101.1 | 0.3 | 0.027e | <0.10 | Undet | 100.6 | 101.4 | 0.022 | 100.6 | 0.8 |

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Table 3--Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued.
Assay data

| Hole No. and collar elev. (feet) | Depth in feet | | Thickness (feet) | Percent | | | Percent eU ₃ O ₈ | Depth in feet | | Thickness (feet) |
|--|---------------|-------|---------------------|-------------------------------|-------------------------------|-------------------|---|---------------|-------|---------------------|
| | From | To | | U ₃ O ₈ | V ₂ O ₅ | CaCO ₃ | | From | To | |
| Block B Blackstone No. 5--Continued 389 (4859) | 110.2 | 110.8 | 0.6 | 0.026 | 0.19 | 0.9 | 0.16 | 110.5 | 111.2 | 0.7 |
| | 111.4 | 111.7 | 0.3 | 0.022e | 0.57 | 5.0 | 0.030 | 122.9 | 125.7 | 2.8 |
| | 123.3 | 123.6 | 0.3 | 0.023e | 0.44 | Undet | 0.092 | 126.7 | 127.8 | 1.1 |
| | 123.9 | 125.4 | 1.5 | 0.033e | 0.27 | Undet | | | | |
| | 126.6 | 128.1 | 1.5 | 0.061 | <0.10 | 4.6 | | | | |
| 391 (4863) | 119.9 | 120.2 | 0.3 | 0.023e | 0.89 | 3.1 | 0.070 | 112.5 | 113.3 | 0.8 ⁴² |
| | 120.2 | 120.5 | 0.3 | 0.020e | 1.29 | 2.5 | 0.061 | 119.2 | 120.1 | 0.9 |
| | 120.5 | 120.7 | 0.2 | 0.028e | 1.04 | 2.2 | | | | |
| 394 (4853) | 123.0 | 123.3 | 0.3 | 0.080 | 2.93 | 1.6 | 0.11 | 122.0 | 122.7 | 0.7 |
| | No samples | | | | | | 0.039 | 103.9 | 105.1 | 1.2 |

OFFICIAL USE ONLY

Table 3.—Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued.
Assay data

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| Hole No. and collar elev. (feet) | Depth in feet | | Thickness (feet) | Percent | | Thickness (feet) | Depth in feet | | Percent eU_3O_8 | Thickness (feet) |
|--|---------------|-------|---------------------|----------|----------|---------------------|-------------------|-------|----------------------|---------------------|
| | From | To | | U_3O_8 | V_2O_5 | | CaCO ₃ | From | | |
| Block B Blackstone No. 5--Continued | | | | | | | | | | |
| 395 (4860) | 116.1 | 116.5 | 0.4 | 0.058 | 0.10 | 6.6 | 117.3 | 119.3 | 0.097 | 2.0 |
| | 116.5 | 117.1 | 0.6 | 0.070 | 0.48 | 4.7 | 121.7 | 123.6 | 0.084 | 1.9 |
| | 117.1 | 117.7 | 0.6 | 0.012e | 0.24 | Undet | 123.6 | 124.3 | 1.4 | 0.7 |
| | | | | | | | 124.3 | 126.4 | 0.081 | 2.1 |
| | 118.0 | 118.8 | 0.8 | 0.011e | 0.31 | Undet | 126.4 | 127.2 | 0.97 | 0.8 |
| | 119.1 | 120.1 | 1.0 | 0.046 | 0.60 | 3.4 | 127.2 | 127.5 | 0.090 | 0.3 |
| | 120.1 | 120.4 | 0.3 | 0.073 | 0.15 | 3.1 | 127.5 | 128.2 | 0.72 | 0.7 |
| | 120.4 | 121.1 | 0.7 | 0.086 | 0.16 | 4.0 | | | | |
| | 121.1 | 121.7 | 0.6 | 0.29 | 0.11 | 10.2 | | | | |
| | 121.7 | 122.1 | 0.4 | 1.70 | 1.00 | 4.3 | | | | |
| 396 (4863) | 122.1 | 122.5 | 0.4 | 0.13 | 0.22 | 3.3 | | | | |
| | 122.5 | 124.0 | 1.5 | 0.081 | 0.19 | 3.4 | | | | |
| | 124.0 | 124.3 | 0.3 | 0.092 | 0.16 | 3.6 | | | | |
| | 124.3 | 124.9 | 0.6 | 0.59 | 0.39 | 2.6 | | | | |
| | 124.9 | 125.5 | 0.6 | 0.23 | 0.18 | 5.2 | | | | |
| | 125.5 | 125.6 | 0.1 | 1.65 | 0.45 | 2.9 | | | | |
| | 125.6 | 125.9 | 0.3 | 0.37 | 0.10 | 9.8 | | | | |
| | 125.9 | 127.1 | 1.2 | 0.053 | <0.10 | 5.4 | | | | |
| | 120.7 | 121.0 | 0.3 | 0.033e | <0.10 | Undet | 122.1 | 123.4 | 0.038 | 1.3 |
| | | | | | | | 125.2 | 126.0 | 0.052 | 0.8 |
| | | | | | | 140.6 | 141.5 | 0.020 | 0.9 | |

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OFFICIAL USE ONLY

Table 3---Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued.
Gamma-ray data

| Hole No. and collar elev. (feet) | Depth in feet | | Thickness (feet) | Percent | | eU ₂ O ₈ | Depth in feet | | Thickness (feet) |
|--|---------------|--------|---------------------|-------------------------------|-------------------------------|--------------------------------|---------------|-------|---------------------|
| | From | To | | U ₃ O ₈ | V ₂ O ₅ | | From | To | |
| Block B Blackstone No. 5--Continued | | | | | | | | | |
| 401 (4854) | 115.8 | 116.5 | 0.7 | 0.065 | <0.10 | 19.0 | 117.5 | 118.6 | 1.1 |
| | 116.5 | 117.7 | 1.2 | 0.24 | <0.10 | 10.9 | 118.6 | 120.2 | 1.6 |
| | 117.7 | 119.1 | 1.4 | 0.66 | <0.10 | 9.6 | 120.2 | 123.8 | 3.6 |
| | 119.1 | 119.2 | 0.1 | 0.27 | <0.10 | 5.2 | | | |
| | 119.2 | 120.4 | 1.2 | 0.28 | <0.10 | 6.2 | | | |
| | 120.4 | 121.9 | 1.5 | 0.35 | 0.12 | 7.0 | | | |
| | 121.9 | 123.6 | 1.7 | 0.30 | 0.12 | 4.7 | | | |
| | 123.6 | 123.8 | 0.2 | 0.22 | 0.18 | 3.1 | | | |
| | 123.8 | 124.4 | 0.6 | 0.083 | <0.10 | 5.2 | | | |
| 403 (4854) | 118.7 | 119.0 | 0.3 | 0.031 | 0.15 | 0.5 | 118.5 | 119.9 | 1.4 |
| | 119.0 | 120.05 | 1.05 | 0.041 | 1.74 | 7.1 | | | |
| | 120.05 | 120.2 | 0.15 | 0.024e | 0.48 | Undet | 121.8 | 122.8 | 1.0 |
| | | | | | | | | | |
| | 122.2 | 122.55 | 0.35 | 0.021e | 0.45 | Undet | 124.6 | 125.6 | 1.0 |
| | 122.55 | 122.9 | 0.35 | 0.031e | 1.15 | 2.3 | | | |
| | 122.9 | 123.7 | 0.8 | 0.021e | 0.51 | 3.9 | | | |
| | | | | | | | | | |
| 404 (4862) | 124.6 | 124.9 | 0.3 | 0.026e | 0.19 | Undet | | | |
| | Barren | | | | | | 118.9 | 120.1 | 1.2 |

OFFICIAL USE ONLY

Table 3.—Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued.
Assay data

| Hole No. and collar elev. (feet) | Depth in feet | | Thickness (feet) | Percent | | CaCO ₃ | Depth in feet | | Thickness (feet) |
|--|---------------|-------|---------------------|-------------------------------|-------------------------------|-------------------|---------------|-------|---------------------|
| | From | To | | U ₃ O ₈ | V ₂ O ₅ | | From | To | |
| Block B Blackstone No. 5--Continued 406 (4869) | 122.3 | 122.5 | 0.2 | 0.15 | 0.12 | 7.8 | 121.3 | 122.5 | 1.2 |
| | 122.5 | 123.1 | 0.6 | 0.052 | 0.48 | 3.6 | 122.5 | 127.4 | 4.9 |
| | 127.65 | 129.3 | 1.65 | 0.043 | 0.12 | 6.5 | 127.4 | 129.3 | 1.9 |
| | 129.3 | 130.7 | 1.4 | 0.045 | <0.10 | 6.6 | 129.3 | 131.8 | 2.5 |
| | 130.7 | 131.7 | 1.0 | 0.030e | <0.10 | Undet | | | |
| 486 (4857) | 117.7 | 118.0 | 0.3 | 0.47 | 0.73 | 0.8 | 116.1 | 117.1 | 1.0 |
| | 118.0 | 119.3 | 1.3 | 0.33 | 1.46 | 3.8 | | | |
| | 119.3 | 120.2 | 0.9 | 0.12 | 0.83 | 5.6 | 118.4 | 119.4 | 1.0 |
| | 120.2 | 121.8 | 1.6 | 0.057 | 0.81 | 3.4 | | | |
| | 121.8 | 123.0 | 1.2 | 0.030 | 0.42 | 4.4 | 119.9 | 121.4 | 1.5 |
| | 123.0 | 123.4 | 0.4 | 0.082 | 0.59 | 4.1 | 121.4 | 122.9 | 1.5 |
| | 123.4 | 123.6 | 0.2 | 0.086 | 0.61 | 4.4 | 122.9 | 123.5 | 0.6 |
| | 123.6 | 124.7 | 1.1 | 0.098 | 0.49 | 4.6 | 123.5 | 124.8 | 1.3 |
| | 124.7 | 125.3 | 0.6 | 0.049 | 0.29 | 4.4 | 124.8 | 125.5 | 0.7 |
| | 125.3 | 125.7 | 0.4 | 0.098 | 0.32 | 3.3 | 125.5 | 126.4 | 0.9 |
| | 125.7 | 126.0 | 0.3 | 0.096 | 0.24 | 3.3 | | | |
| | 126.0 | 126.6 | 0.6 | 0.052 | 0.12 | 4.0 | 127.4 | 129.2 | 1.8 |
| | No sample | | | | | | 114.6 | 115.2 | 0.6 |
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(4850)

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Table 3.- Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued,
Assay data

| Hole No. and collar elev. (feet) | assy data | | | chem data | | | Percent eU ₃ O ₈ | Depth in feet | | Thickness (feet) |
|--|-----------|--------|---------------------|-------------------------------|-------------------------------|-------------------|---|---------------|-------|---------------------|
| | From | To | Thickness (feet) | U ₃ O ₈ | V ₂ O ₅ | CaCO ₃ | | From | To | |
| Block B Blackstone No. 5--Continued | | | | | | | | | | |
| 522 (4847) | No sample | | | | | | 0.029 | 109.7 | 110.5 | 0.8 |
| 530 (4847) | No sample | | | | | | 0.031 | 109.9 | 111.2 | 1.3 |
| Block C Allor No. 12. Blackstone Nos. 5, 7, 9. | | | | | | | | | | |
| 20 (4847) | 96.00 | 96.50 | 0.50 | 0.22 | 2.00 | 1.5 | 0.26 | 95.8 | 96.5 | 0.7 |
| 107 (4843) | No sample | | | | | | 0.023 | 78.7 | 79.6 | 0.9 |
| 130 (4825) | 128.10 | 128.35 | 0.25 | 0.19 | 0.04 | 3.9 | 0.10 | 128.5 | 129.2 | 0.7 |
| 138 (4867) | No sample | | | | | | 0.034 | 131.7 | 132.3 | 0.6 |
| 145 (4825) | No sample | | | | | | 0.033 | 144.9 | 145.8 | 0.9 |
| 319 (4831) | 146.80 | 147.10 | 0.30 | 0.003e | 0.13 | Undet | 0.021 | 41.8 | 42.6 | 0.8 |
| | | | | | | | 0.022 | 84.9 | 85.8 | 0.9 |
| | | | | | | | 0.029 | 104.4 | 105.3 | 0.9 |

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Table 3.—Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued,
Assay data

| Hole No. and collar elev. (feet) | Depth in feet | | Thickness (feet) | Percent | | Thickness (feet) | Depth in feet | | Thickness (feet) |
|--|---------------|--------|---------------------|-------------------------------|-------------------------------|---------------------|---------------|-------|---------------------|
| | From | To | | U ₃ O ₈ | V ₂ O ₅ | | From | To | |
| Block C Allor No. 12. Blackstone Nos. 5, 7, 9--Continued | | | | | | | | | |
| 407 (4827) | No sample | | | 0.030 | | | 96.9 | 98.1 | 1.2 |
| 410 (4826) | Barren | | | 0.053 | | | 96.1 | 96.9 | 0.8 |
| | | | | 0.052 | | | 133.2 | 134.5 | 1.3 |
| | | | | 0.040 | | | 135.7 | 136.4 | 0.7 |
| 411 (4824) | 121.00 | 121.30 | 0.30 | 0.10 | 0.15 | 2.3 | 87.0 | 88.1 | 1.1 |
| | 121.30 | 121.50 | 0.20 | 0.006e | 0.16 | Undet | 120.7 | 121.6 | 0.9 |
| 414 (4827) | Barren | | | 0.037 | | | 90.0 | 90.8 | 0.8 |
| 416 (4832) | 93.60 | 94.20 | 0.60 | 0.040 | 4.66 | 1.4 | 94.8 | 95.7 | 0.9 |
| | 94.20 | 94.40 | 0.20 | 0.029e | 0.43 | Undet | 97.6 | 98.4 | 0.8 |
| | 97.50 | 98.10 | 0.60 | 0.030e | 0.13 | Undet | 98.4 | 99.2 | 0.8 |
| 468 (4836) | 111.70 | 112.70 | 1.00 | 0.021e | <0.10 | Undet | 105.8 | 106.6 | 0.8 |
| 472 (4836) | No sample | | | 0.038 | | | 110.2 | 111.6 | 1.4 |
| | | | | 0.026 | | | 113.6 | 115.1 | 1.5 |

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Table 3--Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued.
Assay data

| Hole No., and collar elev. (feet) | Depth in feet | | Thickness (feet) | Percent | | | Percent eU ₃ O ₈ | Depth in feet | | Thickness (feet) |
|--|---------------|--------|---------------------|-------------------------------|-------------------------------|-------------------|---|---------------|-------|---------------------|
| | From | To | | U ₃ O ₈ | V ₂ O ₅ | CaCO ₃ | | From | To | |
| Block C Allor No. 12. Blackstone Nos. 5, 7, and 9--Continued | | | | | | | | | | |
| 473 (4832) | 96.50 | 97.70 | 1.20 | 0.045 | 0.15 | 2.6 | 0.10 | 95.7 | 97.6 | 1.9 |
| | 97.70 | 98.30 | 0.60 | 0.061 | <0.10 | 3.0 | 0.033 | 97.6 | 98.3 | 0.7 |
| | 98.90 | 100.10 | 1.20 | 0.032e | 0.11 | Undet | 0.11 | 98.3 | 99.4 | 1.1 |
| | 100.10 | 101.00 | 0.90 | 0.028e | <0.10 | Undet | 0.022 | 99.4 | 100.7 | 1.3 |
| 485 (4847) | 101.30 | 101.90 | 0.60 | 0.032 | <0.10 | 2.4 | 0.16 | 100.7 | 101.7 | 1.0 |
| | 101.90 | 102.20 | 0.30 | 0.16 | <0.10 | 3.9 | 0.020 | 101.7 | 103.2 | 1.5 |
| | 101.70 | 102.00 | 0.30 | 0.14 | 0.90 | 0.7 | 0.15 | 101.1 | 101.8 | 0.7 |
| | 122.70 | 123.00 | 0.30 | 0.030 | <0.10 | 1.4 | 0.058 | 119.0 | 119.5 | 0.5 |
| 493 (4851) | 112.30 | 112.70 | 0.40 | 0.010e | 0.14 | Undet | 0.051 | 122.1 | 123.3 | 1.2 |
| | 112.70 | 113.90 | 1.20 | 0.038 | 0.97 | 4.7 | 0.53 | 113.5 | 115.0 | 1.5 |
| | 113.90 | 114.50 | 0.60 | 0.30 | 2.52 | 2.6 | 0.031 | 115.0 | 117.9 | 2.9 |
| | 114.50 | 114.60 | 0.10 | 0.42 | 1.02 | 7.0 | 0.030 | 119.3 | 121.4 | 2.1 |
| 485 (4847) | 114.60 | 114.90 | 0.30 | 0.22 | 0.24 | 4.4 | 0.20 | 122.1 | 122.9 | 0.8 |
| | 114.90 | 115.80 | 0.90 | 0.064 | <0.10 | 3.1 | | | | |
| | 117.00 | 117.60 | 0.60 | 0.022e | <0.10 | Undet | | | | |
| | 119.10 | 119.30 | 0.20 | 0.035 | <0.10 | 4.4 | | | | |
| 485 (4847) | 119.30 | 121.00 | 1.70 | 0.030e | 0.19 | Undet | | | | |
| | 122.20 | 122.80 | 0.60 | 0.095 | 0.27 | 7.5 | | | | |

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Table 3.—Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued.
Assay data

| Hole No. and collar elev. (feet) | Depth in feet | | Thickness (feet) | Percent | | Percent U ₃ O ₈ | Depth in feet | | Thickness (feet) |
|--|---------------|--------|---------------------|-------------------------------|-------------------------------|--|---------------|-------|---------------------|
| | From | To | | U ₃ O ₈ | V ₂ O ₅ | | From | To | |
| Block C Allor No. 12. Blackstone Nos. 5, 7, 9--Continued | | | | | | | | | |
| 495 (4846) | No sample | | | | | | | | |
| | 101.00 | 101.30 | 0.30 | 0.019e | 1.28 | 1.9 | 106.3 | 107.6 | 1.3 |
| | 101.30 | 102.10 | 0.80 | 0.063 | 0.99 | 1.9 | 101.8 | 102.7 | 0.9 |
| | 102.10 | 103.10 | 1.00 | 0.059 | <0.10 | 2.5 | 120.2 | 121.4 | 1.2 |
| 509 (4849) | 120.70 | 121.10 | 0.40 | 0.49 | <0.10 | 24.5 | | | |
| | 105.60 | 106.50 | 0.90 | 0.019e | 0.65 | 2.1 | 106.0 | 107.1 | 1.1 |
| | 106.50 | 106.80 | 0.30 | 0.037 | 0.82 | 1.9 | | | 1.1 |
| | 106.80 | 106.90 | 0.10 | 0.073 | 0.31 | 2.2 | | | 1.2 |
| 519 (4839) | 106.90 | 107.20 | 0.30 | 0.081 | 0.14 | 2.8 | | | |
| | 108.00 | 108.60 | 0.60 | 0.058 | 0.10 | 2.5 | 106.9 | 108.1 | 1.2 |
| | | | | | | | | | |
| | | | | | | | | | |
| 521 (4849) | 104.7 | 105.6 | 0.90 | 0.039 | 1.00 | 1.7 | 104.8 | 105.8 | 1.0 |
| | | | | | | | 108.8 | 109.9 | 1.1 |
| | | | | | | | 124.8 | 125.6 | 0.8 |
| | | | | | | | 127.5 | 128.7 | 1.2 |

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Table 3.—Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued.

| Hole No. and collar elev. (feet) | Depth in feet | | Thickness (feet) | Percent | | CaCO ₃ | Percent eU ₃ O ₈ | Depth in feet | | Thickness (feet) |
|--|---------------|--------|---------------------|-------------------------------|-------------------------------|-------------------|---|---------------|-------|---------------------|
| | From | To | | U ₃ O ₈ | V ₂ O ₅ | | | From | To | |
| Block C Allor No. 12. Blackstone Nos. 5, 7, 9--Continued | | | | | | | | | | |
| 525 (4848) | 100.40 | 101.70 | 1.30 | 0.012e | 0.81 | 2.6 | 0.17 | 102.1 | 103.2 | 1.1 |
| | 102.00 | 103.20 | 1.20 | 0.050 | 0.10 | 5.0 | | | | |
| | 103.20 | 104.40 | 1.20 | 0.051 | <0.10 | 2.0 | | | | |
| 531 (4848) | 86.70 | 87.00 | 0.30 | 0.017e | 6.07 | 0.5 | 0.034 | 109.3 | 110.4 | 1.1 |
| | 109.60 | 110.20 | 0.60 | 0.011e | 0.57 | 2.9 | 0.19 | 110.4 | 111.6 | 1.2 |
| | 110.20 | 111.40 | 1.20 | 0.033e | 1.55 | 2.6 | 0.12 | 111.6 | 112.3 | 0.7 |
| | 111.40 | 111.70 | 0.30 | 0.072 | 3.45 | 1.3 | 0.29 | 112.3 | 113.3 | 1.0 |
| | 111.70 | 112.90 | 1.20 | 0.019 | 0.86 | 2.7 | 0.041 | 113.3 | 114.9 | 1.6 |
| | 112.90 | 113.50 | 0.60 | 0.13 | 1.72 | 2.3 | 0.068 | 124.1 | 127.0 | 2.9 |
| | 124.70 | 126.50 | 1.80 | 0.041 | <0.10 | 3.3 | 0.050 | 127.0 | 127.9 | 0.9 |
| | 126.50 | 128.30 | 1.80 | 0.050 | <0.10 | 3.4 | | | | |
| 533 (4841) | 73.40 | 74.00 | 0.60 | 0.018e | 0.34 | Undet | 1.2 | 73.6 | 74.3 | 0.7 |
| | 74.00 | 74.60 | 0.60 | 0.066 | 0.69 | 0.6 | | | | |
| | 74.60 | 74.90 | 0.30 | 3.75 | 3.34 | 0.1 | 0.033 | 75.6 | 78.0 | 2.4 |
| | 74.90 | 76.20 | 1.30 | 0.039 | 0.38 | 1.5 | 0.20 | 78.0 | 79.2 | 1.2 |
| | 76.20 | 76.50 | 0.30 | 0.025e | 0.30 | Undet | 0.028 | 79.2 | 80.2 | 1.0 |
| | 76.50 | 77.40 | 0.90 | 0.030e | 0.50 | 2.6 | | | | |
| | 77.40 | 78.90 | 1.50 | 0.018e | 0.22 | Undet | | | | |
| | 78.90 | 80.30 | 1.40 | 0.027 | 1.02 | 2.3 | | | | |
| | 80.30 | 80.50 | 0.20 | 0.015e | 0.25 | Undet | | | | |

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Table 3.—Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued,
Gamma-ray data

| Hole No. and collar elev. (feet) | Assay data | | | | Percent U ₃ O ₈ | Depth in feet | | Thickness (feet) | |
|----------------------------------|---|------------------|-------------------------------|-------------------------------|---------------------------------------|---------------|-------|------------------|-----|
| | Block C Alloy No. 12. Blackstone Nos. 5, 7, 9--Continued No sample | Thickness (feet) | Percent | | | From | To | | |
| | | | U ₃ O ₈ | V ₂ O ₅ | CaCO ₃ | | | | |
| 545 (4833) | | | | | 0.053 | 103.7 | 104.6 | 0.9 | |
| 546 (4835) | | 116.50 | 117.40 | 0.90 | 0.062 | <0.10 | 94.6 | 96.3 | 1.7 |
| | | 117.70 | 118.00 | 0.30 | 0.024e | <0.10 | 111.6 | 113.0 | 1.4 |
| | | | | | 0.082 | 117.1 | 118.0 | 0.9 | |
| | | | | | 0.022 | 131.9 | 132.9 | 1.0 | |
| 551 (4844) | | 100.10 | 100.30 | 0.20 | 0.049 | 16.19 | 100.2 | 100.9 | 0.7 |
| 557 (4847) | | 122.40 | 122.70 | 0.30 | 0.043 | 1.96 | 122.4 | 123.4 | 1.0 |
| | | 128.80 | 128.90 | 0.10 | 0.41 | 4.19 | 128.3 | 129.2 | 0.9 |

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Table 3 ---- Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued.

| Hole No. and collar elev. (feet) | Assay data | | | | | | Gamma-ray data | | | | |
|--|---------------|----------|------------------|----------|----------|-------|------------------|---------------|-------|------------------|--|
| | Depth in feet | | Thickness (feet) | Percent | | | Percent U_3O_8 | Depth in feet | | Thickness (feet) | |
| From | To | U_3O_8 | | V_2O_5 | $CaCO_3$ | From | | To | | | |
| Block C Allor No. 12. Blackstone Nos. 5, 7, 9--Continued | | | | | | | | | | | |
| 563 | 113.70 | 114.60 | 0.90 | 0.91 | 1.54 | 1.6 | 87.5 | 89.9 | 2.4 | | |
| (4848) | 114.60 | 114.90 | 0.30 | 0.20 | 1.33 | 1.4 | | | | | |
| | 114.90 | 115.30 | 0.40 | 0.035 | 0.54 | 2.4 | 113.6 | 114.5 | 0.9 | | |
| | 117.70 | 118.30 | 0.60 | 0.038 | <0.10 | 10.5 | 117.6 | 118.5 | 0.9 | | |
| | 124.20 | 124.80 | 0.60 | 0.11 | <0.10 | 2.7 | 119.9 | 121.0 | 1.1 | | |
| | 125.10 | 125.40 | 0.30 | 0.027e | <0.10 | Undet | 124.2 | 125.4 | 1.2 | | |
| 566 | 91.70 | 92.20 | 0.50 | 0.044 | 2.62 | 1.2 | 91.8 | 92.6 | 0.8 | | |
| (4847) | 103.20 | 103.50 | 0.30 | 0.020e | 0.31 | Undet | 103.2 | 104.5 | 1.3 | | |
| | 103.50 | 103.70 | 0.20 | 0.090 | 0.21 | 1.8 | | | | | |
| 577 | 99.70 | 100.00 | 0.30 | 0.072 | 2.96 | 1.2 | 99.2 | 100.3 | 1.1 | | |
| (4847) | 100.00 | 101.50 | 1.50 | 0.015e | 1.30 | 2.3 | | | | | |
| | 101.50 | 101.80 | 0.30 | 0.024e | 2.02 | 1.4 | 101.0 | 102.0 | 1.0 | | |
| | 101.80 | 103.00 | 1.20 | 0.016e | 1.42 | 1.9 | | | | | |
| | 103.00 | 103.90 | 0.90 | 0.046 | 0.55 | 2.3 | 102.9 | 103.6 | 0.7 | | |
| | 103.90 | 104.80 | 0.90 | 0.18 | 0.16 | 2.8 | 103.6 | 105.7 | 2.1 | | |
| | 104.80 | 105.70 | 0.90 | 0.23 | <0.10 | 2.9 | | | | | |
| | 105.70 | 106.00 | 0.30 | 0.096 | <0.10 | 3.4 | | | | | |
| 582 | No sample | | | | | | 0.023 | 115.4 | 117.2 | 1.8 | |
| (4847) | | | | | | | | | | | |

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Table 3.---Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah---Continued.
Gamma-ray data

| Hole No. and collar elev. (feet) | Depth in feet | | Thickness (feet) | Percent | | Thickness (feet) | Depth in feet | | Thickness (feet) |
|--|-------------------------------------|--------|---------------------|-------------------------------|-------------------------------|---------------------|---------------|-------|---------------------|
| | From | To | | U ₃ O ₈ | V ₂ O ₅ | | From | To | |
| Block C Allor No. 12. | Blackstone Nos. 5, 7, 9---Continued | | | U ₃ O ₈ | V ₂ O ₅ | CaCO ₃ | | | |
| 586 | 76.40 | 76.70 | 0.30 | 0.28 | <0.10 | 3.3 | 76.1 | 77.8 | 1.7 |
| (4839) | 76.70 | 77.00 | 0.30 | 0.038 | <0.10 | 4.3 | | | |
| 593 | 89.20 | 89.80 | 0.60 | 0.015e | 0.20 | Undet | | | |
| (4846) | 89.80 | 90.40 | 0.60 | 0.037 | 0.37 | 2.0 | | | |
| | 90.40 | 90.70 | 0.30 | 0.17 | 1.20 | 0.7 | 90.2 | 91.2 | 1.0 |
| | 90.70 | 91.10 | 0.40 | 0.022e | 0.24 | 1.8 | | | |
| | 91.10 | 92.10 | 1.00 | 0.013e | 0.20 | Undet | 92.1 | 92.9 | 0.8 |
| | 92.10 | 92.70 | 0.60 | 0.066 | 1.32 | 1.2 | | | |
| | 92.70 | 93.10 | 0.40 | 0.016e | 0.24 | Undet | 94.0 | 95.3 | 1.3 |
| | 93.10 | 95.00 | 1.90 | 0.064 | 0.24 | 2.3 | 95.3 | 98.3 | 3.0 |
| | 95.00 | 96.60 | 1.60 | 0.030 | 1.47 | 2.5 | | | 53 |
| | 96.60 | 99.00 | 2.40 | 0.017e | 1.18 | 1.7 | 99.2 | 101.1 | 0.9 |
| | 99.90 | 100.20 | 0.30 | 0.027e | 0.12 | Undet | 114.1 | 115.1 | 1.0 |
| 596 | 107.80 | 108.00 | 0.20 | 0.61 | <0.10 | 0.2 | 106.4 | 107.7 | 1.3 |
| (4845) | | | | | | | | | |
| 608 | 104.40 | 105.40 | 1.00 | 0.033 | 0.43 | 4.0 | 103.9 | 104.9 | 1.0 |
| (4844) | | | | | | | | | |

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Table 3--Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued.
Assay data

| Hole No. and collar elev. (feet) | Depth in feet | | Thickness (feet) | Percent | | | Depth in feet | | Thickness (feet) |
|--|---------------|--------|---------------------|-------------------------------|-------------------------------|-------------------|---------------|-------|---------------------|
| | From | To | | U ₃ O ₈ | V ₂ O ₅ | CaCO ₃ | From | To | |
| Block C Allor No. 12. Blackstone Nos. 5, 7, 9--Continued | | | | | | | | | |
| 609 (4849) | 91.00 | 91.30 | 0.30 | 0.29 | 3.16 | 0.8 | 92.7 | 93.6 | 0.9 |
| | 91.30 | 92.50 | 1.20 | 0.051 | 0.17 | 2.1 | | | |
| | 96.20 | 97.70 | 1.50 | 0.014e | 0.76 | 2.3 | 106.6 | 107.6 | 1.0 |
| | 97.70 | 99.20 | 1.50 | 0.012e | 1.32 | 2.0 | 107.6 | 108.7 | 1.1 |
| | 99.20 | 100.70 | 1.50 | 0.012e | 1.45 | 2.1 | 108.7 | 109.4 | 0.7 |
| | 100.70 | 102.20 | 1.50 | 0.015e | 1.72 | 1.6 | 109.4 | 109.7 | 0.3 |
| | 102.20 | 103.40 | 1.20 | 0.013e | 1.40 | 2.8 | 109.7 | 110.7 | 1.0 |
| | 103.40 | 104.00 | 0.60 | 0.029e | 1.42 | 2.5 | 110.8 | 111.7 | 0.9 |
| | 104.00 | 104.60 | 0.60 | 0.21 | 2.26 | 1.6 | | | |
| | 104.60 | 106.10 | 1.50 | 0.77 | 0.46 | 2.2 | 118.3 | 119.8 | 1.5 |
| | 106.10 | 106.90 | 0.80 | 0.55 | 0.24 | 1.6 | | | |
| | 106.90 | 107.80 | 0.90 | 0.043 | <0.10 | 2.7 | 120.6 | 121.6 | 1.0 |
| | 117.90 | 118.50 | 0.6 | 0.031e | 0.27 | Undet | | | |
| | 119.70 | 120.00 | 0.3 | 0.039 | 0.20 | 12.0 | | | |

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Table 3--Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued.
Assay data

| Hole No. and collar elev. (feet) | Depth in feet | | Thickness (feet) | Percent | | Thickness (feet) |
|--|---------------|--------|---------------------|-------------------------------|-------------------------------|---------------------|
| | From | To | | U ₃ O ₈ | V ₂ O ₅ | |
| Block C Allor No. 12. Blackstone Nos. 5, 7, 9--Continued | | | | | | |
| 610 | 95.70 | 96.30 | 0.60 | 0.14 | 0.12 | 2.6 |
| (4857) | 96.30 | 97.20 | 0.90 | 0.30 | 1.23 | 1.6 |
| | 97.20 | 97.50 | 0.30 | 0.027 | 1.64 | 1.4 |
| | 97.50 | 97.60 | 0.10 | 0.022 | 0.98 | 1.4 |
| | 104.30 | 104.90 | 0.60 | 0.017e | 0.44 | Undet |
| | 104.90 | 105.90 | 1.00 | 0.024e | 1.08 | 1.5 |
| | 105.90 | 106.20 | 0.30 | 0.19 | 6.00 | 0.7 |
| | 106.20 | 106.80 | 0.60 | 0.057 | 1.54 | 1.6 |
| | 106.80 | 107.10 | 0.30 | 0.082 | 1.32 | 2.1 |
| | 107.10 | 108.30 | 1.20 | 0.79 | 0.74 | 2.1 |
| | 108.30 | 109.20 | .09 | 0.078 | 0.12 | 2.8 |
| | 109.20 | 110.20 | 1.00 | 0.14 | <0.10 | 3.1 |
| | 110.20 | 111.20 | 1.00 | 0.093 | <0.10 | 3.6 |
| | 111.20 | 111.50 | 0.30 | 0.025e | <0.10 | Undet |
| | 112.60 | 113.20 | 0.60 | 0.034e | <0.10 | Undet |

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Table 3.—Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued.
Assay data

| Hole No. and collar elev. (feet) | Depth in feet | | Thickness (feet) | Percent | | CaCO ₃ | Depth in feet | | Thickness (feet) |
|---|---------------|--------|---------------------|-------------------------------|-------------------------------|-------------------|---------------|-------|---------------------|
| | From | To | | U ₃ O ₈ | V ₂ O ₅ | | From | To | |
| Block C Allor No. 12. Blackstone Nos. 5, 7, 9--Continued 614 (4849) | 104.10 | 105.10 | 1.00 | 0.017e | 0.96 | 1.8 | 104.4 | 105.9 | 1.5 |
| | 105.10 | 106.00 | 0.90 | 0.037 | 2.44 | 1.3 | | | |
| | 106.00 | 107.20 | 1.20 | 0.015e | 1.49 | 2.3 | 111.0 | 111.7 | 0.7 |
| | 107.20 | 108.20 | 1.00 | 0.011e | 0.48 | Undet | | | |
| | 111.20 | 112.10 | 0.90 | 0.030e | 1.27 | 1.8 | 115.5 | 116.4 | 0.9 |
| | 115.30 | 115.60 | 0.30 | 0.019e | 0.69 | 2.9 | | | |
| | 115.60 | 116.20 | 0.60 | 0.046 | 1.69 | 1.3 | | | |
| | 116.20 | 117.40 | 1.20 | 0.015e | 0.70 | 2.9 | | | |
| | 117.40 | 118.60 | 1.20 | 0.011e | 0.48 | Undet | | | |
| | 118.60 | 119.80 | 1.20 | 0.011e | 0.35 | Undet | | | |
| 615 (4857) | 97.60 | 98.20 | 0.60 | 0.23 | 0.76 | 2.5 | 97.5 | 98.3 | 0.8 |
| | 98.20 | 98.60 | 0.40 | 0.022e | 0.13 | Undet | | | |
| | 101.10 | 101.70 | 0.60 | 0.22 | 1.38 | 1.5 | 101.00 | 102.7 | 1.7 |
| | 113.00 | 113.20 | 0.20 | 0.096 | 1.80 | 0.5 | 113.3 | 114.5 | 1.2 |
| | 115.60 | 117.10 | 1.50 | 0.039 | 0.25 | 3.6 | 116.00 | 116.9 | 0.9 |
| | 117.10 | 118.30 | 1.20 | 0.036 | 0.10 | 2.9 | 116.9 | 118.6 | 1.7 |
| 616 (4861) | 111.30 | 111.90 | 0.60 | 0.17 | 3.62 | 1.3 | 99.6 | 100.4 | 0.8 |
| | 111.90 | 112.50 | 0.60 | 1.75 | 2.72 | 3.5 | | | |
| | 112.50 | 112.70 | 0.20 | 0.30 | 0.10 | 7.1 | 111.0 | 111.9 | 0.9 |

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Table 3.—Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah—Continued.
Assay data

| Hole No. and collar elev. (feet) | Depth in feet | | Thickness (feet) | Percent | | | Thickness (feet) | |
|--|---------------|--------|---------------------|-------------------------------|-------------------------------|-------------------|---------------------|-----|
| | From | To | | U ₃ O ₈ | V ₂ O ₅ | CaCO ₃ | | |
| Block C Allor No. 12. Blackstone Nos. 5, 7, 9--Continued | | | | | | | | |
| 617 (4852) | 97.70 | 98.30 | 0.60 | 0.23 | 1.26 | 0.7 | 0.9 | |
| | 98.30 | 98.50 | 0.20 | 0.10 | 0.16 | 2.8 | | |
| 618 (4862) | 107.60 | 107.90 | 0.30 | 0.032e | 0.79 | 2.0 | 0.8 | |
| | 107.90 | 108.20 | 0.30 | 0.29 | 1.91 | 0.9 | | |
| | 108.20 | 108.80 | 0.60 | 0.026e | <0.10 | Undet | | |
| | 110.90 | 111.20 | 0.30 | 0.12 | <0.10 | 0.7 | | |
| 645 (4842) | 111.20 | 111.50 | 0.30 | 0.026e | <0.10 | Undet | 0.9 | |
| | 87.20 | 87.50 | 0.30 | 0.034e | <0.10 | Undet | | |
| | 87.50 | 88.70 | 1.20 | 0.020 | 0.17 | 3.2 | | |
| | 88.70 | 89.50 | 0.80 | 0.094 | <0.10 | 3.2 | | |
| | 89.50 | 90.60 | 1.10 | 0.36 | 0.51 | 2.3 | | |
| | 90.60 | 91.00 | 0.40 | 0.20 | 0.41 | 2.4 | | |
| | 91.00 | 91.90 | 0.90 | 0.035 | 0.46 | 3.2 | | |
| | 91.90 | 92.20 | 0.30 | 0.015e | 0.38 | Undet | | |
| | 92.20 | 92.50 | 0.30 | 0.016e | 0.38 | Undet | | |
| | 92.50 | 92.90 | 0.40 | 0.008e | 0.26 | Undet | | |
| 649 (4833) | No sample | | | | | | 0.7 | |
| | | | | | | | | |
| | | | | 0.037 | | 102.8 | 103.5 | 0.7 |

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Table 3. Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued.
Assay data

| Hole No. and collar elev. (feet) | Depth in feet | | Thickness (feet) | Percent | | Thickness (feet) | Depth in feet | | Percent eU ₃ O ₈ | Thickness (feet) |
|---|---------------|--------|---------------------|-------------------------------|-------------------------------|---------------------|---------------|-------|---|---------------------|
| | From | To | | U ₃ O ₈ | V ₂ O ₅ | | From | To | | |
| Block C Allior No. 12. Blackstone Nos. 5, 7, 9--Continued | | | | | | | | | | |
| 658 (4838) | 99.80 | 100.80 | 1.00 | 0.016e | 1.01 | 1.9 | 99.0 | 100.1 | 0.030 | 1.1 |
| 660 (4842) | No sample | | | | | | | | | |
| 670 (4832) | 132.60 | 132.70 | 0.10 | 0.007e | 0.12 | Undet | 59.8 | 60.6 | 0.026 | 0.8 |
| | 132.70 | 133.00 | 0.30 | 0.64 | <0.10 | 55.5 | 97.7 | 98.7 | 0.021 | 1.0 |
| | 133.00 | 133.60 | 0.60 | 0.066 | <0.10 | 10.5 | 132.1 | 132.7 | 0.55 | 0.6 |
| Block D Blackstone No. 6 | | | | | | | | | | |
| 70 (4912) | No sample | | | | | | | | | |
| 387 (4921) | 173.40 | 174.00 | 0.60 | 0.016e | 0.51 | 2.2 | 172.4 | 173.8 | 0.027 | 1.4 |
| | 174.00 | 174.30 | 0.30 | 0.028e | 0.85 | 1.6 | 177.3 | 178.0 | 0.13 | 0.7 |
| | 174.30 | 174.40 | 0.10 | 0.012e | 0.38 | Undet | | | | |
| | 179.00 | 179.20 | 0.20 | 0.36 | 0.23 | 1.1 | | | | |
| 474 (4922) | 173.50 | 173.70 | 0.20 | 0.019e | 0.20 | Undet | 174.2 | 175.0 | 0.74 | 0.8 |
| | 173.70 | 174.00 | 0.30 | 0.027 | 1.07 | 2.4 | | | | |
| | 174.00 | 174.40 | 0.40 | 0.83 | 3.30 | 1.8 | | | | |
| | 174.40 | 174.70 | 0.30 | 0.24 | 0.27 | 10.4 | | | | |
| | 174.80 | 174.90 | 0.10 | 0.022 | <0.10 | 17.3 | | | | |
| | 174.90 | 175.30 | 0.40 | 0.043 | 0.15 | 1.0 | | | | |

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Table 3.---Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah.---Continued.

| Hole No. and collar elev. (feet) | Depth in feet | | Thickness (feet) | Percent | | | Depth in feet | Thickness (feet) | |
|--|---------------|--------|---------------------|-------------------------------|-------------------------------|-------------------|---------------|---------------------|-----|
| | From | To | | U ₃ O ₈ | V ₂ O ₅ | CaCO ₃ | | | |
| Block D Blackstone No. 6 | --Continued | | | | | | | | |
| 475 | 168.90 | 169.20 | 0.30 | 0.031 | 2.74 | 1.5 | 168.3 | 169.5 | 1.2 |
| (4920) | 169.20 | 169.60 | 0.40 | 0.009e | 0.32 | Undet | | | |
| | 171.60 | 172.00 | 0.40 | 0.049 | 2.03 | 1.8 | 171.3 | 172.0 | 0.7 |
| | 172.00 | 172.30 | 0.30 | 0.052 | 1.90 | 2.3 | 173.9 | 174.8 | 0.9 |
| | 172.30 | 172.50 | 0.20 | 0.012e | 0.34 | Undet | 174.8 | 177.1 | 2.3 |
| | 175.70 | 176.00 | 0.30 | 0.11 | 1.27 | 1.0 | | | |
| | 176.30 | 176.60 | 0.30 | 0.024e | 0.17 | Undet | | | |
| | 177.20 | 177.80 | 0.60 | 0.034e | 0.15 | Undet | | | |
| 479 | 156.00 | 156.50 | 0.50 | 0.015e | 0.76 | 1.0 | 155.3 | 157.5 | 2.2 |
| (4774) | 156.50 | 156.80 | 0.30 | 0.021e | 0.83 | 1.2 | | | |
| | 170.00 | 170.90 | 0.90 | 0.039 | 1.46 | 2.2 | 170.6 | 171.8 | 1.2 |
| | 170.90 | 171.20 | 0.30 | 0.009e | 0.66 | 2.8 | | | |
| | 171.20 | 171.80 | 0.60 | 0.013e | 0.22 | Undet | 172.7 | 173.3 | 0.6 |
| | 171.80 | 172.10 | 0.30 | 0.070 | 0.20 | 4.1 | 173.3 | 173.6 | 0.3 |
| | 172.10 | 172.40 | 0.30 | 0.68 | 0.27 | 2.7 | 173.6 | 174.5 | 0.9 |
| | 172.40 | 172.80 | 0.40 | 0.049 | 0.15 | 3.3 | | | |
| | 172.80 | 173.10 | 0.30 | 0.17 | <0.10 | 7.1 | 174.6 | 176.1 | 1.5 |
| | 173.10 | 173.40 | 0.30 | 0.93 | 0.15 | 9.4 | | | |
| | 173.40 | 173.70 | 0.30 | 0.20 | 0.12 | 10.5 | | | |
| | 173.70 | 175.20 | 1.50 | 0.033e | <0.10 | Undet | | | |

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Table 3.--Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued.
Assay data

| Hole No. and collar elev. (feet) | Depth in feet | | Thickness (feet) | Percent | | Thickness (feet) | Depth in feet | | Percent eU_3O_8 | Gamma-ray data | |
|--|---------------|--------|------------------|----------|----------|------------------|---------------|-------|-------------------|----------------|-------|
| | From | To | | U_3O_8 | V_2O_5 | | From | To | | From | To |
| Block D Blackstone No. 6--Continued 484 (4921) | 171.40 | 172.20 | 0.80 | 0.012e | 0.11 | Undet | 171.9 | 172.6 | 3.1 | 171.9 | 172.6 |
| | 172.20 | 173.10 | 0.90 | 0.035 | 1.39 | 3.2 | 172.6 | 174.2 | 0.050 | 172.6 | 174.2 |
| | 173.10 | 173.60 | 0.50 | 0.10 | 0.24 | 10.2 | | | | | |
| | 173.60 | 173.80 | 0.20 | 4.28 | 1.00 | 23.7 | 180.2 | 181.1 | 0.021 | 180.2 | 181.1 |
| | 173.80 | 174.20 | 0.40 | 0.18 | 0.44 | 12.4 | | | | | |
| | 174.20 | 175.60 | 1.40 | 0.030 | 0.12 | 12.4 | | | | | |
| 492 (4921) | 168.20 | 168.40 | 0.20 | 0.006e | 0.20 | Undet | 169.9 | 171.8 | 0.051 | 169.9 | 171.8 |
| | 168.40 | 168.60 | 0.20 | 0.080 | 3.71 | 3.8 | 171.8 | 172.8 | 0.54 | 171.8 | 172.8 |
| | 168.60 | 169.60 | 1.00 | 0.020e | 0.44 | Undet | | | | | |
| | 169.60 | 170.00 | 0.40 | 0.10 | 0.88 | 3.4 | | | | | |
| | 170.00 | 170.50 | 0.50 | 0.58 | 1.15 | 5.6 | | | | | |
| | 170.50 | 172.20 | 1.70 | 0.049 | <0.10 | 8.1 | | | | | |
| 497 (4903) | 138.30 | 138.90 | 0.60 | 0.049 | <0.10 | 3.1 | 136.8 | 138.1 | 0.022 | 136.8 | 138.1 |

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Table 3.—Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah—Continued, Gamma-ray data

| Hole No. and collar elev. (feet) | Depth in feet | | Thickness (feet) | Percent | | CaCO ₃ |
|-------------------------------------|---------------|--------|------------------|-------------------------------|-------------------------------|-------------------|
| | From | To | | U ₃ O ₈ | V ₂ O ₅ | |
| Block D Blackstone No. 6--Continued | | | | | | |
| 498 (4919) | 167.20 | 167.60 | 0.40 | 0.013e | 0.14 | Undet |
| | 167.60 | 169.10 | 1.50 | 0.024 | 1.09 | 1.6 |
| | 169.10 | 169.70 | 0.60 | 0.024 | 1.55 | 1.9 |
| | 169.70 | 170.00 | 0.30 | 0.11 | 2.40 | 1.2 |
| | 170.00 | 170.60 | 0.60 | 0.34 | 2.00 | 1.6 |
| | 170.60 | 171.50 | 0.90 | 0.12 | 1.94 | 1.6 |
| | 171.50 | 171.90 | 0.40 | 0.54 | 1.33 | 1.8 |
| | 171.90 | 172.20 | 0.30 | 0.24 | 0.18 | 4.1 |
| | 172.20 | 172.50 | 0.30 | 0.69 | 0.44 | 3.6 |
| | 172.50 | 173.10 | 0.60 | 0.14 | 0.31 | 2.2 |
| | 173.10 | 173.40 | 0.30 | 0.023 | 0.85 | 0.9 |
| | 173.40 | 173.80 | 0.40 | 0.32 | 8.49 | 3.9 |
| | 173.80 | 174.10 | 0.30 | 0.024e | 0.58 | 4.8 |
| | 174.10 | 175.60 | 1.50 | 0.005e | 0.34 | Undet |
| | 175.60 | 176.70 | 1.10 | 0.010e | 0.24 | Undet |
| 510 (4919) | 170.50 | 170.80 | 0.30 | 0.090 | 5.27 | 0.9 |
| | 170.80 | 171.10 | 0.30 | 1.70 | 4.40 | 1.6 |
| | 171.10 | 171.20 | 0.10 | 0.89 | 0.49 | 3.2 |
| | 171.20 | 171.80 | 0.60 | 0.012 | 0.11 | 8.8 |
| 520 (4920) | 169.30 | 170.20 | 0.90 | 0.14 | 0.39 | 2.3 |
| | 170.20 | 170.50 | 0.30 | 0.17 | 0.13 | 2.9 |
| | 170.50 | 170.80 | 0.30 | 0.030e | <0.10 | Undet |
| | | | | | | |

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Table 3.—Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued.

| Hole No. and collar elev. (feet) | Depth in feet | | Thickness (feet) | Assay data | | | Percent U ₃ O ₈ | Depth in feet | | Percent eU ₃ O ₈ | Gamma-ray data | | Thickness (feet) |
|---|---------------|--------|---------------------|-------------------------------|--|-------------------|--|---------------|-------|---|----------------|-------|---------------------|
| | From | To | | U ₃ O ₈ | Percent V ₂ O ₅ | CaCO ₃ | | From | To | | From | To | |
| Block D Blackstone No. 6--Continued 526A (4918) | 168.50 | 168.80 | 0.30 | 0.030 | 2.09 | 1.2 | 0.046 | 168.1 | 169.1 | 0.046 | 168.1 | 169.1 | 1.0 |
| | 171.50 | 173.00 | 1.50 | 0.058 | 0.28 | 7.7 | 0.087 | 171.3 | 172.7 | 0.087 | 171.3 | 172.7 | 1.4 |
| | 173.60 | 173.90 | 0.30 | 0.033e | <0.10 | Undet | 0.022 | 172.7 | 173.5 | 0.022 | 172.7 | 173.5 | 0.8 |
| 534 (4917) | 160.00 | 160.30 | 0.30 | 0.038 | <0.10 | 0.5 | 0.028 | 157.8 | 158.5 | 0.028 | 157.8 | 158.5 | 0.7 |
| | 171.90 | 172.20 | 0.30 | 0.037 | 0.53 | 9.8 | 0.024 | 160.3 | 161.5 | 0.024 | 160.3 | 161.5 | 1.2 |
| | 172.20 | 172.50 | 0.30 | 0.24 | <0.10 | 19.4 | 0.35 | 173.0 | 173.7 | 0.35 | 173.0 | 173.7 | 0.7 |
| | 172.50 | 172.70 | 0.20 | 0.16 | <0.10 | 20.7 | 0.044 | 164.0 | 164.7 | 0.044 | 164.0 | 164.7 | 0.7 |
| 540 (4920) | 165.00 | 165.30 | 0.30 | 0.051 | 1.70 | 0.7 | 0.20 | 167.8 | 168.7 | 0.20 | 167.8 | 168.7 | 0.9 |
| | 167.50 | 168.40 | 0.90 | 0.015e | 0.54 | 2.3 | 0.57 | 170.3 | 171.2 | 0.57 | 170.3 | 171.2 | 0.9 |
| | 168.40 | 168.70 | 0.30 | 0.019e | 1.12 | 2.1 | 0.11 | 175.0 | 176.0 | 0.11 | 175.0 | 176.0 | 1.0 |
| | 168.70 | 169.30 | 0.60 | 0.080 | 4.46 | 1.0 | | | | | | | |
| | 169.30 | 169.90 | 0.60 | 0.026e | 0.95 | 2.0 | | | | | | | |
| | 169.90 | 170.20 | 0.30 | 0.018e | 0.54 | 2.6 | | | | | | | |
| | 170.20 | 171.30 | 1.10 | 0.031e | 0.69 | 2.5 | | | | | | | |
| | 171.30 | 171.90 | 0.60 | 0.33 | 3.68 | 2.0 | | | | | | | |
| | 171.90 | 172.60 | 0.70 | 0.050 | 0.34 | 3.1 | | | | | | | |
| | 175.80 | 176.40 | 0.6 | 0.033 | <0.10 | 3.2 | | | | | | | |

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Table 3.—Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah—Continued.
Assay data

| Hole No. and collar elev. (feet) | Depth in feet | | Thickness (feet) | Percent | | Thickness (feet) | Depth in feet | | Percent eU ₃ O ₈ | Thickness (feet) |
|--|---------------|--------|---------------------|-------------------------------|-------------------------------|---------------------|---------------|-------|---|---------------------|
| | From | To | | U ₃ O ₈ | V ₂ O ₅ | | From | To | | |
| Block D Blackstone No. 6--Continued | | | | | | | | | | |
| 541 (4922) | 168.50 | 169.20 | 0.70 | 0.033 | 4.17 | 1.1 | 168.0 | 169.5 | 0.033 | 1.5 |
| | 169.20 | 169.50 | 0.30 | 0.009e | 0.66 | 2.0 | 169.5 | 170.3 | 0.74 | 0.8 |
| | 169.50 | 169.80 | 0.30 | 0.013e | 0.60 | 2.3 | | | | |
| | 169.80 | 170.10 | 0.30 | 0.038 | 1.81 | 1.9 | 170.7 | 171.9 | 0.15 | 1.2 |
| | 170.10 | 170.40 | 0.30 | 0.82 | 8.09 | 0.8 | 171.9 | 173.0 | 1.20 | 1.1 |
| | 170.40 | 171.60 | 1.20 | 0.075 | 1.41 | 2.1 | 173.0 | 174.9 | 0.11 | 1.9 |
| | 171.60 | 172.60 | 1.00 | 0.32 | 0.94 | 5.9 | | | | |
| | 172.60 | 173.20 | 0.60 | 1.31 | 0.46 | 5.7 | | | | |
| | 173.20 | 173.80 | 0.60 | 0.35 | 0.33 | 8.3 | | | | |
| | 173.80 | 174.70 | 0.90 | 0.17 | 0.13 | 3.6 | | | | |
| 550 (4918) | 174.70 | 175.0 | 0.30 | 0.12 | <0.10 | 3.6 | | | | |
| | 175.0 | 175.6 | 0.60 | 0.047 | <0.10 | 9.3 | | | | |
| | 158.60 | 159.20 | 0.60 | 0.031e | 0.82 | 0.7 | 156.8 | 157.6 | 0.073 | 0.8 |
| | 164.80 | 165.10 | 0.30 | 0.030e | 0.33 | Undet | 162.8 | 163.8 | 0.038 | 1.0 |
| | 166.70 | 167.60 | 0.90 | 0.050 | 0.23 | 2.2 | 165.0 | 166.0 | 0.15 | 1.0 |
| | 167.60 | 167.70 | 0.10 | 0.024e | 0.17 | Undet | | | | |
| | 167.70 | 168.60 | 0.90 | 0.038 | <0.10 | 2.3 | 166.0 | 167.2 | 0.024 | 1.2 |
| | 169.70 | 170.00 | 0.30 | 0.069 | <0.10 | 2.4 | 167.8 | 168.6 | 0.091 | 0.8 |

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Table 3-- Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued.

| Hole No. and collar elev. (feet) | Assay data | | | Gamma-ray data | | |
|--|--------------------------|---------------------|--|--------------------------|---|---------------------|
| | Depth in feet From To | Thickness (feet) | Percent U ₃ O ₈ V ₂ O ₅ CaCO ₃ | Depth in feet From To | Percent eU ₃ O ₈ | Thickness (feet) |
| Block D Blackstone No. 6--Continued 556 (4922) | 167.50 167.80 | 0.30 | 0.053 1.88 1.1 | 166.8 167.8 | 0.066 | 1.0 |
| | 168.60 170.40 | 1.80 | 0.067 0.60 2.1 | 168.8 170.5 | 0.11 | 1.7 |
| | 170.40 172.30 | 1.90 | 0.046 0.11 2.8 | 170.5 170.8 | 0.098 | 0.3 |
| | 172.30 173.80 | 1.50 | 0.056 <0.10 2.6 | 170.8 171.8 | 0.15 | 1.0 |
| | 174.10 174.40 | 0.30 | 0.68 0.65 1.2 | 171.8 173.5 | 0.050 | 1.7 |
| | 174.40 174.70 | 0.30 | 0.16 0.22 1.6 | 173.5 174.4 | 0.54 | 0.9 |
| | 174.70 174.80 | 0.10 | 0.074 0.17 1.2 | 175.7 176.3 | 0.15 | 0.6 |
| | 174.80 176.00 | 1.20 | 0.052 <0.10 1.9 | 176.3 177.6 | 0.041 | 1.3 |
| | 176.00 177.20 | 1.20 | 0.040 <0.10 2.8 | | | |
| | | | | | | 6.4 |
| 558 (4921) | 171.40 172.90 | 1.50 | 0.011e 0.26 Undet | 170.1 170.9 | 0.044 | |
| | 172.90 174.50 | 1.60 | 0.010e 0.31 Undet | | | |
| | 174.50 175.70 | 1.20 | 0.011e 0.33 Undet | 176.4 177.4 | 1.10 | 1.0 |
| | 175.70 177.30 | 1.60 | 0.033e 0.27 Undet | | | |
| | 177.30 177.70 | 0.40 | 0.11 0.45 3.3 | 178.7 179.6 | 0.086 | 0.9 |
| | 177.70 178.40 | 0.70 | 0.95 0.60 5.7 | | | |
| | 178.40 178.80 | 0.40 | 0.11 0.11 4.8 | | | |
| | 178.80 179.90 | 1.10 | 0.023e <0.10 Undet | | | |
| | 179.90 180.70 | 0.80 | 0.055 <0.10 1.0 | | | |
| | 180.70 181.0 | 0.30 | 0.023e 0.11 Undet | | | |

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Table 3.—Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued,
Assay data

| Hole No. and collar elev. (feet) | Depth in feet | | Thickness (feet) | Percent | | | Thickness (feet) |
|--|---------------|--------|---------------------|-------------------------------|-------------------------------|-------------------|---------------------|
| | From | To | | U ₃ O ₈ | V ₂ O ₅ | CaCO ₃ | |
| Block D Blackstone No. 6--Continued 564 (4920) | No sample | | | | | | |
| 567 (4922) | No sample | | | | | | |
| 575 (4918) | 176.50 | 176.80 | 0.30 | 0.043 | 0.86 | 1.9 | 0.020 |
| | 177.70 | 178.00 | 0.30 | 0.026e | 0.55 | 3.0 | 0.026 |
| 581 (4888) | 108.1 | 108.4 | 0.3 | 0.023e | 0.46 | Undet | 0.036 |
| | 108.4 | 108.7 | 0.3 | 0.017e | 1.55 | 1.6 | 0.024 |
| | 112.7 | 113.2 | 0.5 | 0.015e | 0.93 | 2.8 | 0.036 |
| 599 (4921) | 154.90 | 155.20 | 0.30 | 0.023e | 0.37 | Undet | 0.024 |
| | 161.40 | 162.00 | 0.60 | 0.028 | 0.12 | 2.3 | 0.030 |
| | 168.30 | 168.90 | 0.60 | 0.067 | 0.12 | 10.0 | 0.027 |
| | | | | | | | 0.064 |
| | | | | | | | 0.023 |
| | | | | | | | 0.051 |

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Table 3.---Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued.

| Hole No. and collar elev. (feet) | Depth in feet | | Thickness (feet) | Percent | | U ₃ O ₈ | Depth in feet | | Thickness (feet) |
|--|---------------|--------|---------------------|-------------------------------|-------------------------------|-------------------------------|---------------|-------|---------------------|
| | From | To | | U ₃ O ₈ | V ₂ O ₅ | | From | To | |
| Block D Blackstone No. 6--Continued | | | | | | | | | |
| 600 (4914) | 142.5 | 142.8 | 0.30 | 0.024e | <0.10 | Undet | 160.5 | 162.0 | 1.5 |
| | 162.20 | 163.40 | 1.20 | 0.051 | <0.10 | 4.6 | | | |
| 601 (4918) | 165.10 | 166.00 | 0.90 | 0.49 | 0.37 | 2.6 | 164.0 | 164.9 | 0.9 |
| | 166.00 | 166.80 | 0.80 | 0.052 | <0.10 | 2.9 | | | |
| 604 (4915) | 169.70 | 170.00 | 0.30 | 0.091 | 0.16 | 10.7 | 166.6 | 167.4 | 0.8 |
| 605 (4923) | 160.80 | 161.40 | 0.60 | 0.047 | 0.61 | 1.4 | 169.8 | 171.1 | 1.3 |
| | 161.40 | 161.70 | 0.30 | 0.010e | 0.24 | Undet | 159.9 | 161.0 | 1.1 |
| | 166.90 | 167.20 | 0.30 | 0.021 | 0.44 | 1.4 | 164.6 | 166.3 | 1.7 |
| | 167.20 | 167.50 | 0.30 | 0.16 | 0.42 | 1.4 | 166.3 | 167.5 | 1.2 |
| | 167.50 | 167.80 | 0.30 | 0.056 | 0.29 | 2.1 | 167.5 | 168.2 | 0.7 |
| | 167.80 | 168.40 | 0.60 | 0.26 | 0.42 | 2.2 | 168.2 | 169.3 | 1.1 |
| | 168.40 | 169.30 | 0.90 | 0.034e | <0.10 | Undet | 176.1 | 177.2 | 1.1 |
| | 169.30 | 169.90 | 0.60 | 0.29 | 0.24 | 2.7 | | | |
| | 169.90 | 170.20 | 0.30 | 0.028 | <0.10 | 2.8 | | | |
| 611 (4918) | No sample | | | | | | 150.1 | 150.8 | 0.7 |
| | | | | | | | 166.7 | 167.6 | 0.9 |

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Table 3.--Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued.

| Hole No. and collar elev. (feet) | Depth in feet | | Thickness (feet) | Percent | | |
|---|---------------|--------|---------------------|-------------------------------|-------------------------------|-------------------|
| | From | To | | U ₃ O ₈ | V ₂ O ₅ | CaCO ₃ |
| Block D. Blackstone No. 6--Continued | | | | | | |
| 612 (4922) | 163.40 | 163.70 | 0.30 | 0.18 | <0.10 | 0.8 |
| 613 (4924) | 155.30 | 155.70 | 0.40 | 0.035 | <0.10 | 0.8 |
| 630 (4921) | 158.0 | 158.6 | 0.6 | 0.046 | <0.10 | 2.0 |
| Block E School Section 36 T. 22 S., R 21 E. | | | | | | |
| 944 (5068) | 536.50 | 536.80 | 0.30 | 0.035 | 0.95 | 2.0 |
| | 536.80 | 537.10 | 0.30 | 0.30 | 1.18 | 2.0 |
| | 537.10 | 537.40 | 0.30 | 0.077 | 0.16 | 4.17 |
| | 537.40 | 537.70 | 0.30 | 0.20 | 0.21 | 3.63 |
| | 537.70 | 538.30 | 0.60 | 0.018e | 0.12 | Undet |
| | 538.60 | 539.50 | 0.90 | 0.020e | <0.10 | Undet |
| | 539.50 | 540.50 | 1.00 | 0.009e | 0.12 | Undet |

| Percent eU ₃ O ₈ | Depth in feet | | Thickness (feet) |
|---|---------------|-------|---------------------|
| | From | To | |
| 0.020 | 154.9 | 156.0 | 1.1 |
| 0.18 | 163.0 | 163.7 | 0.7 |
| 0.046 | 154.9 | 155.8 | 0.9 |
| 0.080 | 156.8 | 157.7 | 0.9 |
| 0.030 | 164.2 | 165.1 | 0.9 |
| 0.021 | 505.0 | 505.7 | 0.7 |
| 0.27 | 537.2 | 538.0 | 0.8 |
| 0.022 | 546.1 | 546.6 | 0.5 |

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Table 3--Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued.

| Hole No. and collar elev. (feet) | Depth in feet | | Thickness (feet) | Percent | | CaCO ₃ | Percent ²³⁸ U | Depth in feet | | Thickness (feet) |
|---|---------------|--------|------------------|-------------------------------|-------------------------------|-------------------|--------------------------|---------------|-------|------------------|
| | From | To | | U ₃ O ₈ | V ₂ O ₅ | | | From | To | |
| Block E School Section 36 T. 22 S., R. 21E--Continued | | | | | | | | | | |
| 946 (5047) | 532.60 | 532.90 | 0.30 | 0.034e | 0.23 | Undet | 0.032 | 531.4 | 532.2 | 0.8 |
| | 537.70 | 538.40 | 0.70 | 0.12 | 0.14 | 3.9 | 0.023 | 536.2 | 537.2 | 1.0 |
| | 538.40 | 540.30 | 1.90 | 0.090 | 1.45 | 2.8 | 0.17 | 537.2 | 537.9 | 0.7 |
| | 540.30 | 542.00 | 1.70 | 0.012e | 1.02 | 2.8 | 0.034 | 537.9 | 539.1 | 1.2 |
| | 542.00 | 542.70 | 0.70 | 0.011e | 0.88 | 2.8 | | | | |
| 950 (5035) | 525.60 | 526.00 | 0.40 | 0.011e | 1.06 | 0.69 | 0.022 | 523.9 | 524.8 | 0.9 |
| | 539.80 | 540.00 | 0.20 | 0.001e | 0.46 | Undet | | | | |
| | 540.00 | 540.40 | 0.40 | 0.002e | 1.13 | 2.35 | | | | |
| | 540.90 | 541.10 | 0.20 | 0.003e | 0.48 | Undet | | | | |
| 954 (5028) | 486.90 | 487.20 | 0.30 | 0.005e | 0.40 | Undet | 0.080 | 494.0 | 494.6 | 0.6 |
| | | | | | | | 0.040 | 494.6 | 495.2 | 0.6 |
| 978 (5054) | 529.60 | 530.10 | 0.50 | 0.008e | 1.47 | 3.2 | 0.083 | 252.8 | 253.5 | 0.7 |
| | | | | | | | | | | |
| 982 (5060) | 545.50 | 545.80 | 0.30 | 0.39 | 5.13 | 0.6 | 0.47 | 543.5 | 544.1 | 0.6 |
| | 550.10 | 550.30 | 0.20 | 0.056 | 2.67 | 1.2 | 0.027 | 547.8 | 548.5 | 0.7 |
| | 527.20 | 527.80 | 0.60 | 0.012e | 0.46 | Undet | Barren | | | |
| 984 (5069) | | | | | | | | | | |
| 993 (5059) | Barren | | | | | | 0.031 | 297.0 | 298.2 | 1.2 |
| | | | | | | | 0.055 | 504.3 | 505.0 | 0.7 |

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Table 3.--Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued.
Gamma-ray data

| Hole No. and collar elev. (feet) | Assay data | | | | Percent eU ₃ O ₈ | Depth in feet | | Thickness (feet) |
|--|------------|--------|---------|---------------------|---|---------------|-------|---------------------|
| | Block F | School | Section | 36 T 22 S., R 21 E. | | From | To | |
| 79 (4828) | | | | | 0.007e | 0.11 | Undet | |
| 81 (4841) | | | | | No sample | | | |
| 97 (4830) | | | | | 0.034 | 0.91 | 7.4 | 0.9 |
| | | | | | 0.14 | 4.24 | 4.6 | |
| | | | | | 1.08 | 7.06 | 5.8 | |
| | | | | | 0.020e | 1.00 | 11.4 | |
| 112 (4829) | | | | | 0.003e | 0.78 | 9.8 | 0.9 |
| 123 (4829) | | | | | 0.005e | 0.35 | Undet | |
| | | | | | 0.11 | <0.10 | 16.1 | |
| 124 (4830) | | | | | 0.034e | 0.53 | 3.4 | 1.0 |
| | | | | | 0.064 | 0.18 | 2.9 | |
| 127 (4827) | | | | | 0.23 | 0.13 | 2.3 | 0.6 |
| 344 (4838) | | | | | 0.008e | 0.53 | 2.8 | 0.9 |
| | | | | | 0.12 | 1.44 | 1.4 | |
| | | | | | 0.033e | <0.10 | Undet | 1.0 |
| | | | | | | | | 0.7 |

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Table 3.--Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued.

| Hole No. and collar elev. (feet) | Assay data | | | | | Gamma-ray data | | |
|---|---------------|-------|---------------------|-------------------------------|-------------------------------|-------------------|-------|---------------------|
| | Depth in feet | | Thickness (feet) | Percent | | Depth in feet | | Thickness (feet) |
| | From | To | | U ₃ O ₈ | V ₂ O ₅ | CaCO ₃ | From | To |
| Block F School Section 36 T. 22 S., R. 21 E.--Continued | | | | | | | | |
| 345 (4830) | 169.0 | 169.9 | 0.9 | 0.008e | 0.28 | Undet | 169.2 | 170.1 |
| 424 (4854) | 199.2 | 199.8 | 0.6 | 0.050 | 1.37 | 12.4 | 200.6 | 201.6 |
| 426 (4829) | 150.2 | 150.9 | 0.7 | 0.001e | 0.12 | Undet | 152.4 | 153.3 |
| | 150.9 | 152.3 | 1.4 | 0.001e | 0.18 | Undet | | |
| | 152.7 | 152.9 | 0.2 | 0.024e | <0.10 | Undet | | |
| | 152.9 | 153.2 | 0.3 | 0.26 | 0.52 | 53.4 | | |
| | 153.2 | 153.4 | 0.2 | 0.007e | 0.33 | Undet | | |
| 429 (4831) | 156.9 | 157.8 | 0.9 | 0.051 | 1.21 | 7.3 | 156.3 | 157.0 |
| 430A (4828) | 149.2 | 149.5 | 0.3 | 1.13 | 0.20 | 2.7 | 148.5 | 149.2 |
| | 151.3 | 151.6 | 0.3 | 0.023e | <0.10 | Undet | 149.2 | 150.8 |
| | 151.6 | 151.9 | 0.3 | 1.29 | 0.26 | 7.8 | 150.8 | 151.5 |
| 431 (4841) | 178.9 | 179.5 | 0.6 | 0.080 | 5.76 | 1.2 | 177.9 | 179.7 |
| | 179.5 | 180.3 | 0.8 | 0.027e | 2.83 | 0.8 | | |
| 432 (4839) | 175.5 | 175.9 | 0.4 | 0.002e | 0.12 | Undet | 178.6 | 179.4 |
| | 177.5 | 177.9 | 0.4 | 0.013e | 0.12 | Undet | | |

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Table 3.--Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued.
Assay data

| Hole No. and collar elev. (feet) | Depth in feet | | Thickness (feet) | Percent | | Thickness (feet) | Depth in feet | | Percent eU ₃ O ₈ | Thickness (feet) |
|--|----------------|----------------|---------------------|-------------------------------|-------------------------------|---------------------|---------------|-------|---|---------------------|
| | From | To | | U ₃ O ₈ | V ₂ O ₅ | | From | To | | |
| Block F School Section 36 T. 22 S., R 21 E.--Continued | | | | | | | | | | |
| 433 (4837) | 174.3 | 174.9 | 0.6 | 0.020e | <0.10 | Undet | | | Barren | |
| 434 (4826) | Barren | | | | | | 144.2 | 145.6 | 0.066 | 1.4 |
| | | | | | | | 148.1 | 149.0 | 0.041 | 0.9 |
| 491 (4832) | Barren | | | | | | 148.4 | 149.3 | 0.028 | 0.9 |
| | | | | | | | 163.6 | 164.7 | 0.020 | 1.1 |
| | | | | | | | 165.3 | 166.4 | 0.039 | 1.1 |
| 496 (4831) | 156.5 156.8 | 156.8 157.6 | 0.3 0.8 | 0.012e 0.068 | 0.27 <0.10 | Undet 3.4 | 155.7 | 157.5 | 0.061 | 1.8 |
| | 158.3 | 158.6 | 0.3 | 0.033e | <0.10 | Undet | | | | |
| 500 (4837) | 170.8 | 171.4 | 0.6 | 0.009e | 0.70 | 1.8 | | | Barren | |

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Table 3--Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued.

| Hole No. and collar elev. (feet) | Assay data | | | | | | Gamma-ray data | | | |
|--|---------------|-------|---------------------|-------------------------------|-------------------------------|---|----------------|-------|---------------------|--|
| | Depth in feet | | Thickness (feet) | Percent | | Percent eU ₃ O ₈ | Depth in feet | | Thickness (feet) | |
| | From | To | | U ₃ O ₈ | V ₂ O ₅ | | From | To | | |
| Block F School Section 36 T. 22 S., R. 21 E--Continued | | | | | | | | | | |
| 501 (4831) | 148.7 | 149.0 | 0.3 | 0.038 | 0.24 | 1.4 | 148.8 | 149.5 | 0.7 | |
| | 149.9 | 150.9 | 1.0 | 0.028e | 0.36 | Undet | 150.2 | 151.6 | 1.4 | |
| | 152.9 | 153.2 | 0.3 | 0.017e | 0.56 | 1.6 | 153.1 | 153.9 | 0.8 | |
| | 153.2 | 153.8 | 0.6 | 0.12 | 12.00 | 0.5 | 153.9 | 155.4 | 1.5 | |
| | 153.8 | 154.0 | 0.2 | 0.078 | 2.78 | 0.4 | | | | |
| | 154.6 | 154.9 | 0.3 | 0.044 | 9.07 | 0.2 | 160.1 | 161.2 | 1.1 | |
| | 154.9 | 155.0 | 0.1 | 0.064 | 5.32 | 0.2 | 162.2 | 163.2 | 1.0 | |
| | 159.9 | 160.5 | 0.6 | 0.043 | 2.39 | 2.0 | 163.5 | 164.9 | 1.4 | |
| | 160.5 | 161.0 | 0.5 | 0.007e | 0.65 | 4.1 | | | | |
| | 161.0 | 161.3 | 0.3 | 0.068 | 6.10 | 2.0 | | | | |
| 511 (4832) | 161.3 | 162.2 | 0.9 | 0.10 | 6.53 | 1.6 | | | | |
| | 162.2 | 162.8 | 0.6 | 1.17 | 1.64 | 3.2 | | | | |
| | 162.8 | 163.1 | 0.3 | 0.11 | <0.10 | 7.0 | | | | |
| | 156.4 | 157.4 | 1.0 | 0.005e | 0.31 | Undet | 156.6 | 157.5 | 0.9 | |
| | 157.4 | 157.9 | 0.5 | 0.66 | 11.80 | 1.6 | | | | |
| | 157.9 | 158.2 | 0.3 | 1.81 | 1.09 | 6.8 | 158.8 | 160.3 | 1.5 | |
| | 158.2 | 158.5 | 0.3 | 0.52 | 0.44 | 4.0 | | | | |
| | 158.5 | 160.0 | 1.5 | 0.029e | <0.10 | Undet | | | | |
| | No sample | | | | | | 162.5 | 163.7 | 1.2 | |
| | | | | | | | 164.6 | 166.3 | 1.7 | |
| 72 | | | | | | | | | | |
| 512 (4834) | | | | | | | | | | |

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Table 3.--Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued.

| Hole No. and collar elev. (feet) | Depth in feet | | Thickness (feet) | Percent | | |
|--|----------------|----------------|---------------------|-------------------------------|-------------------------------|-------------------|
| | From | To | | U ₃ O ₈ | V ₂ O ₅ | CaCO ₃ |
| Block F School Section 36 T. 22 S., R. 21 E--Continued | | | | | | |
| 516 (4857) | 202.5 | 202.8 | 0.3 | 0.033 | 0.44 | 3.5 |
| | 205.4 | 205.7 | 0.3 | 0.048 | <0.10 | 6.3 |
| 517 (4835) | 152.4 | 153.0 | 0.6 | 0.045 | 0.30 | 2.1 |
| | 163.4 164.0 | 164.0 164.1 | 0.6 0.1 | 0.71 0.042 | 0.95 0.11 | 2.3 5.0 |
| 527 (4853) | No sample | | | | | |
| | 200.3 200.6 | 200.6 201.0 | 0.3 0.4 | 0.017e 0.21 | 0.15 0.30 | Undet 0.8 |
| 535 (4825) | No sample | | | | | |
| | 179.2 | 179.6 | 0.4 | 0.005e | 0.48 | Undet |
| 549 (4843) | 183.7 | 184.3 | 0.6 | 0.002e | 0.35 | Undet |
| | 188.6 | 188.8 | 0.2 | 0.43 | <0.10 | 3.4 |

| Percent eU ₃ O ₈ | Depth in feet | | Thickness (feet) |
|---|---------------|-------|---------------------|
| | From | To | |
| 0.045 | 200.8 | 201.5 | 0.7 |
| 0.051 | 203.8 | 204.8 | 1.0 |
| 0.036 | 151.6 | 152.8 | 1.2 |
| 0.48 | 162.9 | 163.6 | 0.7 |
| 0.047 | 165.4 | 166.1 | 0.7 |
| 0.031 | 198.0 | 199.1 | 1.1 |
| 0.095 | 199.4 | 200.2 | 0.8 |
| 0.025 | 149.5 | 150.6 | 1.1 |
| Barren | | | |
| 0.044 | 187.3 | 188.1 | 0.8 |

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Table 3.---Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued.
Assay data

| Hole No. and collar elev. (feet) | Depth in feet | | Thickness (feet) | Percent | | | Percent eU ₃ O ₈ | Depth in feet | | Thickness (feet) |
|--|---------------|-------|---------------------|-------------------------------|-------------------------------|-------------------|---|---------------|-------|---------------------|
| | From | To | | U ₃ O ₈ | V ₂ O ₅ | CaCO ₃ | | From | To | |
| Block F School Section 36 T. 22 S., R. 21 E--Continued | | | | | | | | | | |
| 672 (4829) | 164.7 | 165.0 | 0.3 | 0.028e | 0.19 | Undet | 0.25 | 164.0 | 164.9 | 0.9 |
| | 165.0 | 165.3 | 0.3 | 0.20 | 0.34 | 2.9 | | | | |
| | 165.3 | 165.9 | 0.6 | 0.049 | 0.26 | 2.9 | 0.43 | 166.5 | 167.5 | 1.0 |
| | 166.2 | 166.9 | 0.7 | 0.050 | 0.17 | 3.6 | 0.066 | 182.8 | 184.2 | 1.4 |
| | 166.9 | 167.2 | 0.3 | 0.14 | 0.19 | 3.3 | 0.036 | 184.2 | 185.7 | 1.5 |
| 673 (4827) | 167.2 | 168.3 | 1.1 | 0.22 | 0.41 | 2.2 | | | | |
| | 168.3 | 168.7 | 0.4 | 0.055 | 0.91 | 2.0 | 0.025 | 187.2 | 188.2 | 1.0 |
| | 168.7 | 169.0 | 0.3 | 0.034 | 0.46 | 2.3 | | | | |
| | 178.8 | 180.6 | 1.8 | 0.011e | 1.11 | 2.0 | | | | |
| | 180.6 | 182.2 | 1.6 | 0.014e | 1.15 | 2.5 | | | | |
| | 182.2 | 183.4 | 1.2 | 0.065 | 1.83 | 1.9 | | | | |
| | 183.4 | 183.8 | 0.4 | 0.23 | 0.38 | 3.1 | | | | |
| | 183.8 | 184.0 | 0.2 | 0.17 | 0.43 | 2.9 | | | | |
| | 184.0 | 185.2 | 1.2 | 0.058 | 0.14 | 2.4 | | | | |
| | 185.5 | 186.1 | 0.6 | 0.026e | <0.10 | Undet | | | | |
| | 179.2 | 179.6 | 0.4 | 0.011e | 0.53 | 3.2 | 0.15 | 178.5 | 179.6 | 1.1 |
| | 179.6 | 181.1 | 1.5 | 0.048 | 0.48 | 2.0 | 0.045 | 179.6 | 180.4 | 0.8 |
| 181.1 | 181.7 | 0.6 | 0.086 | 0.41 | 2.5 | 0.15 | 180.4 | 183.0 | 2.6 | |
| 181.7 | 182.3 | 0.6 | 0.16 | 0.22 | 2.6 | | | | | |
| 182.3 | 183.7 | 1.4 | 0.15 | <0.10 | 6.3 | | | | | |
| 183.7 | 184.0 | 0.3 | 0.031e | <0.10 | Undet | | | | | |

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Table 3.--Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued.
Assay data

| Hole No. and collar elev. (feet) | Depth in feet | | Thickness (feet) | Percent | | | Percent eU ₃ O ₈ | Depth in feet | | Thickness (feet) |
|--|---------------|-------|---------------------|-------------------------------|-------------------------------|-------------------|---|---------------|-------|---------------------|
| | From | To | | U ₃ O ₈ | V ₂ O ₅ | CaCO ₃ | | From | To | |
| Block F School Section 36 T. 22 S., R. 21 E--Continued | | | | | | | | | | |
| 676 (4850) | No sample | | | | | | 0.030 | 239.9 | 240.6 | 0.7 |
| 690 (4825) | 172.7 | 173.2 | 0.5 | 0.006e | 0.60 | 1.8 | 0.022 | 250.0 | 250.9 | 0.9 |
| | 173.9 | 174.2 | 0.3 | 0.039 | 0.14 | 2.0 | 0.050 | 172.2 | 173.2 | 1.0 |
| 692 (4849) | 210.2 | 210.8 | 0.6 | 0.17 | 1.47 | 2.7 | 0.50 | 208.8 | 209.6 | 0.8 |
| | 210.8 | 211.0 | 0.2 | 0.055 | 0.12 | 2.9 | 0.041 | 212.2 | 213.0 | 0.8 |
| | 215.0 | 215.3 | 0.3 | 0.076 | <0.10 | 10.5 | | | | |
| 694 (4831) | 168.5 | 169.5 | 1.0 | 0.039 | 0.34 | 1.9 | 0.27 | 167.7 | 168.5 | 0.8 |
| 695 (4825) | 156.8 | 157.1 | 0.3 | 0.082 | <0.10 | 5.7 | 0.033 | 155.5 | 157.0 | 1.5 |
| 697 (4839) | 191.7 | 192.5 | 0.8 | 0.12 | 1.79 | 2.2 | 0.31 | 191.5 | 192.5 | 1.0 |
| | 192.5 | 192.8 | 0.3 | 0.18 | 0.24 | 4.1 | | | | |
| | 192.8 | 193.2 | 0.4 | 0.10 | <0.10 | 3.9 | | | | |

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Table 3--Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued.
Assay data

| Hole No. and collar elev. (feet) | Depth in feet | | Thickness (feet) | Percent | | Percent eU ₃ O ₈ | Depth in feet | | Thickness (feet) |
|---|---------------|--------|---------------------|-------------------------------|-------------------------------|---|---------------|-------|---------------------|
| | From | To | | U ₃ O ₈ | V ₂ O ₅ | | From | To | |
| Block F School Section 36, T. 22 S., R. 21 E--Continued | | | | | | | | | |
| 698 (4828) | 182.20 | 182.50 | 0.30 | 0.019e | 0.14 | Undet | 180.6 | 181.6 | 1.0 |
| | 184.60 | 185.10 | 0.50 | 0.015e | 0.36 | Undet | 186.7 | 187.6 | 0.9 |
| | 187.30 | 187.90 | 0.60 | 0.046 | <0.10 | 4.0 | | | |
| | 187.90 | 188.10 | 0.20 | 0.059 | <0.10 | 4.0 | | | |
| 701 (4829) | 179.70 | 180.30 | 0.60 | 0.033e | <0.10 | Undet | 179.2 | 180.1 | 0.9 |
| | 180.30 | 180.90 | 0.60 | 0.16 | <0.10 | 14.9 | 180.1 | 182.6 | 2.5 |
| | 181.40 | 181.70 | 0.30 | 0.022e | <0.10 | Undet | | | |
| 702 (4822) | No sample | | | | | 0.034 | 169.2 | 170.3 | 1.1 |
| 703 (4854) | 232.00 | 232.60 | 0.60 | 0.16 | 1.19 | | 231.5 | 232.5 | 1.0 |
| | 232.60 | 232.80 | 0.20 | 0.16 | 0.14 | 0.035 | 232.5 | 234.5 | 2.0 |
| | 232.80 | 234.00 | 1.20 | 0.023 | <0.10 | 0.056 | 235.8 | 236.6 | 0.8 |
| | 234.40 | 235.00 | 0.60 | 0.043 | 0.12 | | | | |
| | 236.6 | 236.80 | 0.20 | 0.062 | <0.10 | | | | |
| 705 (4841) | 175.80 | 176.00 | 0.20 | 0.11 | 1.50 | 0.048 | 174.7 | 175.6 | 0.9 |

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Table 3.—Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued.

| Hole No. and collar elev. (feet) | Assay data | | | | | Gamma-ray data | | |
|---|---------------|--------|---------------------|-------------------------------|-------------------------------|----------------|-------|---------------------|
| | Depth in feet | | Thickness (feet) | Percent | | Depth in feet | | Thickness (feet) |
| | From | To | | U ₃ O ₈ | V ₂ O ₅ | From | To | |
| Block F School Section 36, T. 22 S., R. 21 E--Continued | | | | | | | | |
| 707 (4845) | 255.30 | 255.60 | 0.30 | 0.026e | <0.10 | 254.4 | 255.4 | 1.0 |
| | 256.80 | 257.40 | 0.60 | 0.17 | <0.10 | 256.9 | 257.4 | 0.5 |
| 708 (4825) | 181.60 | 182.50 | 0.90 | 0.99 | 7.18 | 180.6 | 181.2 | 0.6 |
| | 182.50 | 183.30 | 0.80 | 0.031e | 2.82 | | | |
| | 187.80 | 188.10 | 0.30 | 0.045 | 0.23 | 186.1 | 187.1 | 1.0 |
| 709 (4825) | 176.10 | 176.40 | 0.30 | 0.052 | 0.20 | 175.2 | 177.5 | 2.3 |
| | 176.60 | 177.40 | 0.80 | 0.082 | 2.31 | 177.5 | 178.9 | 1.4 |
| | 177.40 | 178.50 | 1.10 | 0.23 | 1.47 | | | |
| | 178.50 | 178.80 | 0.30 | 0.24 | 0.21 | 187.0 | 188.4 | 1.4 |
| | 178.80 | 179.70 | 0.90 | 0.062 | <0.10 | 189.6 | 190.5 | 0.9 ⁷⁷ |
| 712 (4834) | 188.40 | 188.70 | 0.30 | 0.093e | <0.10 | | | |
| | No sample | | | | | 202.6 | 203.3 | 0.7 |
| 713 (4829) | 174.50 | 174.80 | 0.30 | 0.071 | 0.43 | 169.7 | 170.5 | 0.8 |
| | 177.90 | 179.40 | 1.50 | 0.054 | 0.24 | 173.3 | 174.0 | 0.7 |
| | | | | | | 174.0 | 176.6 | 2.6 |
| | | | | | | 180.0 | 181.1 | 1.1 |

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Table 3.--Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued.

| Hole No. and collar elev. (feet) | Depth in feet | | Thickness (feet) | Percent | | | Thickness (feet) |
|---|---------------|--------|---------------------|-------------------------------|-------------------------------|-------------------|---------------------|
| | From | To | | U ₃ O ₈ | V ₂ O ₅ | CaCO ₃ | |
| Block F School Section 36, T. 22 S., R. 21 E--Continued | | | | | | | |
| 720 (4824) | 173.70 | 175.10 | 1.40 | 0.055 | 1.36 | 1.8 | |
| | 175.10 | 175.50 | 0.40 | 0.23 | 1.24 | 2.0 | |
| | 175.50 | 175.90 | 0.40 | 0.063 | 0.17 | 2.6 | |
| 721 (4829) | 184.70 | 185.70 | 1.00 | 0.10 | 0.98 | 2.4 | |
| | 191.20 | 191.50 | 0.30 | 0.060 | <0.10 | 5.1 | |
| 724 (4836) | | | | | | | |
| | 193.70 | 194.30 | 0.60 | 0.007e | 0.34 | Undet | |
| | 194.30 | 194.60 | 0.30 | 0.021 | 0.12 | 1.3 | |
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Table 3.—Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah—Continued.

| Hole No. and collar elev. (feet) | Assay data | | | | Gamma-ray data | | |
|---|---------------|--------|---------------------|-------------------------|----------------|-------|---------------------|
| | Depth in feet | | Thickness (feet) | Percent | Depth in feet | | Thickness (feet) |
| | From | To | | $\frac{U_3O_8}{V_2O_5}$ | From | To | |
| Block F School Section 36, T. 22 S., R. 21 E.—Continued | | | | | | | |
| 727 (4827) | 176.00 | 176.60 | 0.60 | 0.030e | 1.80 | | |
| | 176.60 | 176.90 | 0.30 | 0.055 | 3.52 | | |
| | 176.90 | 178.40 | 1.50 | 0.015e | 2.38 | | |
| | 178.40 | 179.30 | 0.90 | 0.050 | 1.28 | | |
| | 179.30 | 180.20 | 0.90 | 0.29 | 1.18 | | |
| | 180.20 | 181.70 | 1.50 | 0.40 | 0.17 | | |
| | 181.70 | 182.00 | 0.30 | 0.17 | <0.10 | | |
| | 182.00 | 182.60 | 0.60 | 0.044 | <0.10 | | |
| | | | | | | 179.2 | 181.2 |
| | | | | | | | 2.0 |
| 728 (4828) | 181.00 | 182.50 | 1.50 | 0.012e | 0.43 | 181.3 | 182.9 |
| | 182.50 | 183.10 | 0.60 | 0.071 | 0.90 | | 1.6 |
| | 183.10 | 184.00 | 0.90 | 0.089 | 0.12 | | |
| | | | | | | | |
| 738 (4840) | 201.50 | 202.60 | 1.10 | 1.06 | 4.63 | 201.0 | 202.2 |
| | 202.60 | 203.80 | 1.20 | 0.81 | 0.95 | 202.2 | 202.6 |
| | 203.80 | 205.20 | 1.40 | 0.24 | 4.97 | 202.6 | 204.1 |
| | 205.20 | 206.40 | 1.20 | 0.013e | 0.12 | | 1.5 |
| | | | | | | | |
| 750 (4849) | 207.80 | 208.40 | 0.60 | 0.010e | 0.21 | | |
| | No sample | | | | | 257.1 | 258.3 |
| | | | | | | | 1.2 |

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Table 3--Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued.

| Hole No. and collar elev. (feet) | <u>Assay data</u> | | | | <u>Gamma-ray data</u> | | | |
|---|-----------------------|---------------------------|--|--|------------------------------|-----------------------|---------------------------|--|
| | Depth in feet From | Thickness (feet) To | Percent U ₃ O ₈ | Percent V ₂ O ₅ | Percent CaCO ₃ | Depth in feet From | Thickness (feet) To | Percent U ₃ O ₈ |
| Block F School Section 36, T. 22 S., R. 21 E--Continued | | | | | | | | |
| 763 (4853) | No sample | | | | | 249.0 | 249.7 | 0.040 |
| 764 (4852) | 241.90 | 242.20 | 0.30 | 0.15 | 0.37 | 237.5 | 238.3 | 0.039 |
| | 245.90 | 246.50 | 0.60 | 0.058 | 0.19 | 241.3 | 242.0 | 0.15 |
| | 246.80 | 247.10 | 0.30 | 0.034e | 0.11 | 246.0 | 247.4 | 0.072 |
| | | | | | Undet | 248.4 | 249.9 | 0.15 |
| | | | | | | 256.5 | 257.5 | 0.039 |
| 824 (4834) | 183.90 | 184.50 | 0.60 | 0.019e | 0.60 | 183.3 | 184.2 | 0.085 |
| | 184.50 | 184.80 | 0.30 | 0.089 | 0.61 | | | |
| | 184.80 | 185.10 | 0.30 | 0.068 | <0.10 | 186.6 | 187.9 | 0.021 |
| | 161.80 | 162.10 | 0.30 | 0.028 | 0.14 | 123.1 | 123.8 | 0.027 |
| 832 (4825) | 174.50 | 175.90 | 1.40 | 0.018e | 0.96 | 160.4 | 161.0 | 0.15 |
| | 186.70 | 187.20 | 0.50 | 0.023e | 1.25 | 162.4 | 163.2 | 0.033 |
| | | | | | 1.4 | 165.9 | 166.7 | 0.042 |
| | | | | | | 168.4 | 169.4 | 0.035 |
| | | | | | | 172.9 | 174.1 | 0.024 |
| | | | | | | 174.1 | 175.1 | 0.041 |
| | | | | | | 185.4 | 187.1 | 0.027 |

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Table 3.—Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah—Continued.

| Hole No. and collar elev. (feet) | Assay data | | | | | Gamma-ray data | | |
|---|---------------|--------|---------------------|--------|-------------------------------|----------------|-------|---------------------|
| | Depth in feet | | Thickness (feet) | | Percent | Depth in feet | | Thickness (feet) |
| | From | To | From | To | U ₃ O ₈ | From | To | |
| Block F School Section 36, T. 22 S., R. 21 E.—Continued | | | | | | | | |
| 844 (4826) | 183.20 | 184.40 | 1.20 | 0.004e | 0.52 | 167.8 | 168.6 | 0.8 |
| | 184.40 | 184.70 | 0.30 | 0.073 | 1.86 | | | |
| | 184.70 | 186.50 | 1.80 | 0.022e | 0.46 | 171.1 | 172.0 | 0.9 |
| | 186.50 | 187.70 | 1.20 | 0.049 | 0.42 | 183.8 | 185.1 | 1.3 |
| | 187.70 | 188.50 | 0.80 | 0.065 | 0.42 | 185.1 | 186.0 | 0.9 |
| 860 (4824) | 188.50 | 188.80 | 0.30 | 0.078 | 0.17 | 186.0 | 187.1 | 1.1 |
| | | | | | | 187.1 | 188.5 | 1.4 |
| | | | | | | 191.5 | 192.2 | 0.7 |
| | 180.20 | 181.20 | 1.00 | 0.073 | 1.77 | 179.9 | 180.9 | 1.0 |
| | 181.20 | 181.80 | 0.60 | 0.049 | 0.10 | 180.9 | 181.9 | 1.0 |
| 868 (4822) | | | | | | 181.9 | 182.9 | 1.0 |
| | 175.80 | 176.60 | 0.80 | 0.12 | 5.66 | 183.8 | 184.4 | 0.6 |
| | 177.40 | 178.30 | 0.90 | 0.009e | 0.36 | 175.4 | 176.3 | 0.9 |
| 869 (4829) | | | | | | | | |
| | 172.60 | 172.90 | 0.30 | 0.63 | 0.18 | 172.1 | 172.8 | 0.7 |
| | 172.90 | 173.10 | 0.20 | 0.015 | 0.13 | | | |

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Table 3.--Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued.

| Hole No. and collar elev. (feet) | Assay data | | | | Gamma-ray data | | | |
|--|---------------|--------|------------------|----------|----------------|---------------|-------|------------------|
| | Depth in feet | | Thickness (feet) | Percent | | Depth in feet | | Thickness (feet) |
| | From | To | | U_3O_8 | V_2O_5 | $CaCO_3$ | From | To |
| Block F School Section 36, T. 22 S., R. 21 E.--Continued | | | | | | | | |
| 872 (4825) | 171.30 | 171.60 | 0.30 | 0.032e | 1.66 | 1.6 | 170.8 | 171.6 |
| | 171.60 | 172.50 | 0.90 | 0.34 | 1.76 | 1.6 | 171.6 | 173.5 |
| | 172.50 | 172.70 | 0.20 | 0.10 | 0.18 | 3.1 | 173.5 | 175.2 |
| | 172.70 | 173.50 | 0.80 | 0.065 | 0.10 | 3.6 | | |
| | 174.50 | 175.20 | 0.70 | 0.033e | <0.10 | Undet | 186.8 | 187.8 |
| 873 (4835) | No sample | | | | | | 188.4 | 188.9 |
| | 237.60 | 238.20 | 0.60 | 0.50 | 2.17 | 2.1 | 191.8 | 192.5 |
| | 238.20 | 238.80 | 0.60 | 0.14 | 0.26 | 3.4 | 192.5 | 193.2 |
| 880 (4857) | 239.10 | 239.40 | 0.30 | 0.027e | 0.10 | Undet | 237.0 | 237.7 |
| | 224.00 | 224.30 | 0.30 | 0.18 | 1.20 | 0.9 | 223.2 | 224.0 |
| | 224.30 | 224.70 | 0.50 | 0.020 | 0.23 | 2.5 | | |
| 883 (4851) | 231.80 | 232.40 | 0.60 | 0.96 | 1.30 | 29.6 | 231.1 | 231.8 |
| | 232.40 | 233.30 | 0.90 | 0.026 | 0.31 | Undet | | |
| | 233.30 | 233.90 | 0.60 | 0.36 | 0.94 | 2.3 | 232.5 | 233.4 |
| 884 (4854) | 233.90 | 234.50 | 0.60 | 0.021 | 0.10 | 2.9 | 233.4 | 233.8 |
| | 234.50 | 234.80 | 0.30 | 0.13 | 0.23 | 1.8 | 233.8 | 234.6 |
| | 234.80 | 236.00 | 1.20 | 0.16 | 0.10 | 3.0 | 234.6 | 235.8 |
| | 236.00 | 236.80 | 0.80 | 0.058 | 0.10 | 3.9 | | |
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Table 3.—Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued.

| Hole No. and collar elev. (feet) | Assay data | | | Gamma-ray data | | |
|----------------------------------|---------------|------------------|-------------------------|----------------|---------|------------------|
| | Depth in feet | Thickness (feet) | Percent | Depth in feet | Percent | Thickness (feet) |
| | From | To | $\frac{U_3O_8}{V_2O_5}$ | From | To | |
| Block G Public land | | | | | | |
| 951 (5002) | 498.10 | 498.40 | 0.21 | 13.19 | 0.57 | 0.38 |
| 955 (4997) | 494.60 | 496.40 | 0.016e | 0.68 | 4.62 | Barren |
| 956 (5008) | 490.20 | 492.00 | 0.024e | <0.10 | Undet | 0.040 |
| | 494.70 | 495.80 | 0.047 | <0.10 | 4.41 | 0.030 |
| | 495.80 | 496.70 | 0.022e | 0.28 | Undet | 0.7 |
| | 496.70 | 497.10 | 0.014e | 0.16 | Undet | 1.0 |
| | 497.40 | 497.60 | 0.071 | <0.10 | 16.59 | 0.085 |
| 971 (4937) | 471.10 | 471.30 | 0.71 | <0.10 | 6.8 | 0.11 |
| 975 (4967) | 477.00 | 477.50 | 0.090 | <0.10 | 1.0 | 0.024 |
| | 477.50 | 477.80 | 0.41 | 2.04 | 0.4 | 1.3 |
| | 477.80 | 478.00 | 0.097 | 0.96 | 0.2 | 0.7 |
| | 478.00 | 479.00 | 0.017e | 0.23 | Undet | |
| | 479.00 | 479.70 | 0.007e | 0.16 | Undet | |
| | 479.70 | 480.30 | 0.007e | 0.12 | Undet | |
| | 480.30 | 480.60 | 5.94 | 1.08 | 2.9 | |
| | 480.60 | 481.20 | 1.45 | 2.23 | 3.3 | |
| | 481.20 | 481.60 | 0.015 | 0.75 | 4.1 | 10.0+ |
| | | | | | | 0.6 |
| | | | | | | 0.5 |
| | | | | | | 0.6 |

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Table 3.—Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah—Continued.

| Hole No. and collar elev. (feet) | Depth in feet | | Thickness (feet) | Percent | | Thickness (feet) | .Percent eU ₃ O ₈ | Depth in feet | | Thickness (feet) |
|--|---------------|--------|---------------------|-------------------------------|-------------------------------|---------------------|--|-------------------|-------|---------------------|
| | From | To | | U ₃ O ₈ | V ₂ O ₅ | | | CaCO ₃ | From | |
| Block G Public Land--Continued | | | | | | | | | | |
| 980 (4971) | 455.20 | 455.50 | 0.30 | 0.46 | 0.11 | 0.1 | 1.20 | 455.2 | 455.7 | 0.5 |
| | 455.50 | 455.70 | 0.20 | 0.025e | 0.32 | Undet | 0.10 | 456.5 | 457.2 | 0.7 |
| | 456.60 | 456.90 | 0.30 | 1.37 | 0.11 | 1.6 | | | | |
| | 457.20 | 457.50 | 0.30 | 0.022e | <0.10 | Undet | | | | 0.4 |
| 981 (4957) | 471.70 | 472.30 | 0.60 | 0.031 | 1.06 | 3.2 | 0.82 | 472.5 | 473.3 | 0.8 |
| | 472.30 | 473.00 | 0.70 | 0.10 | 0.25 | 3.8 | | | | |
| | 473.00 | 473.60 | 0.60 | 1.31 | 6.61 | 2.3 | | | | |
| | 473.60 | 474.40 | 0.80 | 0.071 | 4.25 | 1.8 | | | | |
| | 457.50 | 457.70 | 0.20 | 0.68 | <0.10 | 5.6 | 0.033 | 454.7 | 455.7 | 1.0 |
| 983 (4967) | 478.40 | 478.80 | 0.40 | 0.021e | <0.10 | Undet | 3.00 | 478.2 | 478.8 | 0.6 |
| | 478.80 | 478.90 | 0.10 | 12.62 | 0.23 | 14.3 | | | | |
| | 478.90 | 479.20 | 0.30 | 0.73 | <0.10 | 22.2 | | | | |
| 986 (4958) | 476.10 | 476.70 | 0.60 | 0.058 | 0.14 | 4.4 | Barren | | | |
| 987 (4969) | 486.00 | 486.20 | 0.20 | 0.029e | 1.56 | 8.1 | Barren | | | |

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Table 3--Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued.
Gamma-ray data

| Hole No. and collar elev. (feet) | Depth in feet | | Thickness (feet) | Percent | | U ₃ O ₈ | Depth in feet | | Percent eU ₃ O ₈ | Thickness | |
|--|---------------|--------|---------------------|-------------------------------|-------------------------------|-------------------------------|---------------|-------|---|-----------|----|
| | From | To | | U ₃ O ₈ | V ₂ O ₅ | | From | To | | From | To |
| Block G Public Land--Continued | | | | | | | | | | | |
| 989 (4975) | 479.00 | 479.40 | 0.40 | 0.022e | <0.10 | Undet | 478.8 | 479.5 | 0.90 | 0.7 | |
| | 479.40 | 480.10 | 0.70 | 0.31 | 0.27 | 2.0 | 482.3 | 483.1 | 1.10 | 0.8 | |
| | 481.00 | 481.30 | 0.30 | 0.023e | <0.10 | Undet | | | | | |
| | 481.60 | 482.50 | 0.90 | 0.030e | 0.18 | Undet | | | | | |
| | 482.50 | 482.80 | 0.30 | 0.27 | 4.86 | 15.9 | | | | | |
| | 482.80 | 483.10 | 0.30 | 0.024 | <0.10 | 15.3 | | | | | |
| | 483.10 | 484.00 | 0.90 | 1.00 | 5.66 | 5.1 | | | | | |
| | 484.00 | 484.30 | 0.30 | 0.034e | 0.25 | Undet | | | | | |
| Block H Parco No. 23 | | | | | | | | | | | |
| W-367 (4764) | 27.0 | 29.0 | 2.0 | 0.044 | 0.11 | 6.5 | 28.7 | 29.8 | 5.30 | 1.1 | |
| | 29.0 | 30.0 | 1.0 | 2.62 | 5.18 | 4.6 | | | | | |
| | 30.0 | 31.0 | 1.0 | 0.40 | 0.39 | 7.2 | | | | | |
| | 31.0 | 33.0 | 2.0 | 0.040 | 0.13 | 8.6 | | | | | |
| W-369 (4766) | 30.0 | 33.0 | 3.0 | 0.006e | 0.37 | Undet | | | Barren | | |
| W-371 (4765) | 27.0 | 30.0 | 3.0 | 0.009e | 0.13 | Undet | 28.1 | 29.3 | 0.026 | 1.2 | |
| 372 (4765) | No sample | | | | | | 28.7 | 29.8 | 0.020 | 1.1 | |

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Table 3.---Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah---Continued.

| Hole No. and collar elev. (feet) | Depth in feet | | Thickness (feet) | Percent | | CaCO ₃ |
|--|---------------|-------|---------------------|-------------------------------|-------------------------------|-------------------|
| | From | To | | U ₃ O ₈ | V ₂ O ₅ | |
| Block R Public Land--Continued | | | | | | |
| W-381 (4766) | 28.2 | 30.0 | 1.8 | 0.048 | 0.43 | 3.2 |
| | 30.0 | 31.0 | 1.0 | 0.007e | 0.22 | 9.8 |
| W-383 (4764) | 27.0 | 29.5 | 2.5 | 0.12 | 1.30 | 7.0 |
| | 29.5 | 30.0 | 0.5 | 1.53 | 2.86 | 4.5 |
| | 30.0 | 31.0 | 1.0 | 0.81 | 0.70 | 4.6 |
| | 31.0 | 33.0 | 2.0 | 0.029 | 0.13 | 7.0 |
| W-385 (4768) | 30.0 | 32.5 | 2.5 | 0.013e | 0.46 | Undet |
| | 32.5 | 33.0 | 0.5 | 0.013e | 0.37 | Undet |
| | 33.0 | 34.0 | 1.0 | 0.008e | 0.17 | Undet |
| W-391 (4766) | 30.0 | 31.3 | 1.3 | 0.003e | 0.30 | Undet |
| | 31.3 | 32.0 | 0.7 | 0.023e | 2.67 | Undet |
| | 32.0 | 32.2 | 0.2 | 0.061 | 1.52 | 8.2 |
| | 32.2 | 33.0 | 0.8 | 0.007e | 0.20 | Undet |
| 573 (4761) | No sample | | | | | 86 |
| 579 (4774) | 21.20 | 21.70 | 0.50 | 0.025e | 3.40 | 3.0 |
| | 21.70 | 22.00 | 0.30 | 0.027e | 2.50 | 6.8 |
| 587 (4779) | 30.00 | 30.30 | 0.30 | 0.004e | 1.00 | 4.7 |
| | 30.30 | 31.30 | 1.00 | 0.025e | 2.26 | 5.0 |
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Table 3--Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued.

| Hole No. and collar elev. (feet) | Depth in feet | | Thickness (feet) | Percent | | Percent U ₃ O ₈ | Depth in feet | | Thickness (feet) |
|--|---------------|-------|---------------------|-------------------------------|-------------------------------|--|-------------------|------|---------------------|
| | From | To | | U ₃ O ₈ | V ₂ O ₅ | | CaCO ₃ | From | |
| Block H Public Land- Continued | | | | | | | | | |
| 744 (4772) | 22.10 | 23.40 | 1.30 | 0.078 | 0.25 | 11.3 | | | |
| | | | | | | | | | |
| 748 (4778) | 25.80 | 26.10 | 0.30 | 0.013e | 1.28 | 3.8 | 19.9 | 22.1 | 2.2 |
| | 26.10 | 26.70 | 0.60 | 0.031 | 2.72 | 4.0 | 22.1 | 23.1 | 1.0 |
| | 26.70 | 27.90 | 1.20 | 0.014e | 2.23 | 7.1 | 23.1 | 24.6 | 1.5 |
| | 27.90 | 28.80 | 0.90 | 0.016e | 1.99 | 8.1 | | | |
| | 28.80 | 30.10 | 1.30 | 0.034 | 2.72 | 5.3 | | | |
| | 30.10 | 30.20 | 0.10 | 0.039 | 1.48 | 7.1 | | | |
| 751 (4778) | 28.40 | 29.90 | 1.50 | 1.10 | 2.98 | 2.9 | 28.7 | 29.6 | 0.9 |
| 752 (4779) | 63.00 | 63.80 | 0.80 | 0.66 | 1.23 | 6.2 | | | |
| | 63.80 | 64.60 | 0.80 | 0.041 | 0.67 | 3.5 | 63.3 | 64.1 | 0.8 |
| 753 (4779) | 27.30 | 27.90 | 0.60 | 0.076 | 0.11 | 1.2 | | | |
| | 27.90 | 28.40 | 0.50 | 0.030e | <0.10 | Undet | 27.1 | 31.5 | 4.4 |
| | 28.40 | 29.50 | 1.10 | 0.034e | 0.18 | Undet | 31.5 | 32.4 | 0.9 |
| | 29.50 | 30.10 | 0.60 | 0.024e | <0.10 | Undet | | | |
| | 30.10 | 30.40 | 0.30 | 0.026e | <0.10 | Undet | | | |
| | 30.40 | 31.00 | 0.60 | 0.025e | <0.10 | Undet | | | |
| | 31.00 | 31.30 | 0.30 | 0.023e | <0.10 | Undet | | | |
| | 31.30 | 31.60 | 0.30 | 0.13 | 0.15 | 5.4 | | | |
| | 31.60 | 32.50 | 0.90 | 4.46 | 4.85 | 1.9 | | | |
| | 32.50 | 32.80 | 0.30 | 0.25 | 7.68 | 1.8 | | | |
| | 32.80 | 33.10 | 0.30 | 0.029e | 1.55 | 11.7 | | | |
| | 33.10 | 33.50 | 0.40 | 0.005e | 0.24 | Undet | | | |

Table 3--Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued.

OFFICIAL USE ONLY

Assay data

Gamma-ray data

| Hole No., and collar elev. (feet) | Depth in feet | | Thickness (feet) | Percent | | Thickness (feet) | Depth in feet | | Percent eU ₃ O ₈ | Thickness (feet) |
|---|---------------|-------|---------------------|-------------------------------|-------------------------------|---------------------|-------------------|------|---|---------------------|
| | From | To | | U ₃ O ₈ | V ₂ O ₅ | | CaCO ₃ | From | | |
| Block H Public Land--Continued | | | | | | | | | | |
| 754 (4781) | 59.80 | 60.10 | 0.30 | 0.22 | 6.13 | 3.6 | 59.1 | 59.8 | 0.25 | 0.7 |
| | 60.10 | 60.20 | 0.10 | 0.029 | 0.70 | 1.7 | | | | |
| 755 (4777) | 25.00 | 25.60 | 0.60 | 0.008e | 2.31 | 4.3 | 23.9 | 24.9 | 0.074 | 1.0 |
| | 25.60 | 25.90 | 0.30 | 0.038 | 2.77 | 8.0 | 25.7 | 26.8 | 0.034 | 1.1 |
| | 25.90 | 26.30 | 0.40 | 0.012e | 1.58 | 10.7 | | | | |
| 756 (4777) | 26.90 | 28.10 | 1.20 | 0.017e | 2.11 | 12.6 | 26.2 | 27.6 | 0.024 | 1.4 |
| | 28.10 | 29.40 | 1.30 | 0.011e | 2.11 | 8.0 | | | | |
| 757 (4775) | 22.10 | 22.50 | 0.40 | 0.040 | 0.19 | 6.5 | 23.1 | 24.1 | 4.0 | 1.0 |
| | 22.50 | 23.30 | 0.80 | 0.11 | 0.13 | 8.0 | 24.1 | 26.8 | 0.19 | 2.7 |
| | 23.30 | 24.30 | 1.00 | 0.35 | 0.15 | 3.8 | | | | |
| | 24.30 | 24.60 | 0.30 | 2.05 | 0.45 | 0.4 | 30.5 | 31.7 | 0.026 | 1.2 |
| | 24.60 | 25.30 | 0.70 | 0.28 | 0.16 | 3.9 | | | | |
| | 25.30 | 25.90 | 0.60 | 0.052 | 0.26 | 4.8 | | | | |
| | 25.90 | 26.20 | 0.30 | 0.23 | 0.22 | 3.3 | | | | |
| | 26.20 | 26.30 | 0.10 | 0.17 | 0.11 | 3.6 | | | | |
| | 26.30 | 26.60 | 0.30 | 0.29 | 2.81 | 4.4 | | | | |
| | 26.60 | 27.60 | 1.00 | 0.081 | 5.75 | 3.8 | | | | |
| | 758 (4778) | 33.80 | 34.10 | 0.30 | 0.033e | 2.63 | 3.8 | 33.8 | 35.3 | 0.16 |
| 34.10 | | 35.00 | 0.90 | 0.020 | 2.58 | 5.4 | | | | |
| 35.00 | | 36.10 | 1.10 | 0.026e | 3.06 | 7.1 | | | | |

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Table 3.--Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued.
Gamma-ray data

| Hole No. and collar elev. (feet) | Depth in feet | | Thickness (feet) | Percent | | | Depth in feet From | To | Thickness (feet) |
|--|---------------|-------|---------------------|-------------------------------|-------------------------------|-------------------|-----------------------|------|---------------------|
| | From | To | | U ₃ O ₈ | V ₂ O ₅ | CaCO ₃ | | | |
| Block H Public Land--Continued | | | | | | | | | |
| 759 (4776) | 30.80 | 32.80 | 2.00 | 0.042 | 4.24 | 2.3 | 30.9 | 32.0 | 1.1 |
| | 32.80 | 33.10 | 0.30 | 0.084 | 0.39 | 7.6 | 32.0 | 33.1 | 1.1 |
| | | | | | | | 33.1 | 35.3 | 2.2 |
| 760 (4775) | 23.20 | 23.40 | 0.20 | 0.14 | 2.11 | 0.7 | 22.5 | 23.4 | 0.9 |
| | 29.00 | 29.60 | 0.60 | 0.023e | 1.86 | 6.5 | 29.9 | 31.2 | 1.3 |
| 761 (4774) | 24.80 | 25.40 | 0.60 | 0.029e | 2.20 | 4.6 | 24.3 | 25.9 | 1.6 |
| | 25.40 | 26.00 | 0.60 | 0.063 | 1.55 | 6.9 | | | |
| | 26.00 | 26.20 | 0.20 | 0.032 | 0.49 | 8.8 | 27.4 | 29.4 | 2.0 |
| | | | | | | | | | |
| 865 (4775) | 27.10 | 28.30 | 1.20 | 0.055 | 0.11 | 17.8 | | | |
| | 28.30 | 28.60 | 0.30 | 0.073 | <0.10 | 17.8 | | | |
| | 28.60 | 28.90 | 0.30 | 0.066 | <0.10 | 14.0 | | | |
| | 28.90 | 29.60 | 0.70 | 0.24 | <0.10 | 19.0 | | | |
| | 45.30 | 46.50 | 1.20 | 0.049 | <0.10 | 6.2 | 45.5 | 46.4 | 0.9 |

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Table 3.--Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued.
Gamma-ray data

| Hole No. and collar elev. (feet) | Depth in feet | | Thickness (feet) | Percent | | Thickness (feet) | Depth in feet | | Percent eU ₃ O ₈ | Thickness (feet) | |
|--|---------------|-------|---------------------|-------------------------------|-------------------------------|---------------------|-------------------|------|---|---------------------|-------|
| | From | To | | U ₃ O ₈ | V ₂ O ₅ | | CaCO ₃ | From | | To | |
| Block E Public Land--Continued | | | | | | | | | | | |
| 866 (4785) | 72.00 | 72.80 | 0.80 | 0.027e | 0.10 | Undet | | | 0.038 | 71.4 | 72.8 |
| | 73.10 | 74.50 | 1.40 | 0.044 | 0.10 | 3.4 | | | 0.28 | 72.8 | 73.7 |
| | 75.80 | 76.10 | 0.30 | 0.030 | 0.10 | 3.4 | | | 0.060 | 74.80 | 76.00 |
| | 79.00 | 79.60 | 0.60 | 0.040 | 0.10 | 1.4 | | | 0.023 | 76.0 | 77.2 |
| 867 (4783) | 80.70 | 81.00 | 0.30 | 0.034e | 0.10 | Undet | | | 0.050 | 78.1 | 79.1 |
| | 81.00 | 81.40 | 0.40 | 1.51 | 0.16 | 20.7 | | | 0.14 | 80.3 | 81.0 |
| | 81.40 | 82.00 | 0.60 | 0.030 | 0.16 | 2.9 | | | | | |
| | 45.30 | 45.90 | 0.60 | 0.056 | <0.10 | 7.5 | | | 0.041 | 41.8 | 43.0 |
| 933 (4781) | 45.90 | 46.50 | 0.60 | 0.37 | <0.10 | 6.5 | | | | | |
| | 46.50 | 47.80 | 1.30 | 0.94 | 0.13 | 9.8 | | | 0.22 | 45.9 | 46.9 |
| | 47.80 | 48.80 | 1.00 | 0.62 | 0.12 | 13.2 | | | 1.25 | 46.9 | 48.0 |
| | 48.80 | 49.20 | 0.40 | 0.12 | 0.16 | 1.1 | | | 0.40 | 48.0 | 49.3 |
| | 63.5 | 64.00 | 0.50 | 0.015e | 0.10 | Undet | | | 0.044 | 62.9 | 63.9 |

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Table 3--Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued,
Gamma-ray data

| Hole No. and collar elev. (feet) | Depth in feet | | Thickness (feet) | Percent | | | Percent eU ₃ O ₈ | Depth in feet | | Thickness (feet) |
|--|---------------|--------|---------------------|-------------------------------|-------------------------------|-------------------|---|---------------|-------|---------------------|
| | From | To | | U ₃ O ₈ | V ₂ O ₅ | CaCO ₃ | | From | To | |
| Block I Little Pittsburgh No. 5 | | | | | | | | | | |
| 355 (4900) | 85.50 | 85.80 | 0.30 | 0.070 | <0.10 | 9.8 | 3.30 | 86.6 | 87.3 | 0.7 |
| | 85.80 | 86.40 | 0.60 | 0.18 | <0.10 | 5.1 | | | | |
| | 86.40 | 86.70 | 0.30 | 0.061 | <0.10 | 5.1 | | | | |
| | 86.70 | 86.80 | 0.10 | 0.025 | <0.10 | 4.7 | | | | |
| 415 (4900) | 105.25 | 105.55 | 0.30 | 0.050 | 0.10 | 1.6 | 0.028 | 102.9 | 103.6 | 0.7 |
| | No sample | | | | | | 0.024 | 104.6 | 105.8 | 1.2 |
| 584 (4900) | No sample | | | | | | 0.028 | 96.8 | 98.3 | 1.5 |
| | 85.20 | 85.50 | 0.30 | 0.058 | <0.10 | 1.8 | 0.068 | 91.9 | 92.7 | 0.8 ⁹¹ |
| | 92.60 | 92.90 | 0.30 | 1.59 | <0.10 | 22.2 | 0.024 | 112.3 | 113.7 | 1.4 |
| | 92.90 | 93.10 | 0.20 | 0.20 | <0.10 | 1.2 | 0.037 | 114.3 | 115.9 | 1.6 |
| Block J Minnie | | | | | | | | | | |
| 688 (4851) | 158.60 | 159.20 | 0.60 | 0.23 | 8.61 | 1.9 | 0.98 | 158.6 | 159.2 | 0.6 |
| | 159.20 | 160.50 | 1.30 | 0.025e | 0.91 | 3.1 | 0.033 | 159.2 | 161.7 | 2.5 |
| | 160.50 | 160.90 | 0.40 | 0.014e | 0.36 | Undet | 0.030 | 161.7 | 162.6 | 0.9 |

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Table 3.---Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued,
Gamma-ray data

| Hole No. and collar elev. (feet) | Depth in feet | | Thickness (feet) | Percent | | Thickness (feet) | Depth in feet | | Thickness (feet) |
|--|---------------|--------|---------------------|-------------------------------|-------------------------------|---------------------|-------------------|-------|---------------------|
| | From | To | | U ₃ O ₈ | V ₂ O ₅ | | CaCO ₃ | From | |
| Block J Minnie--Continued | | | | | | | | | |
| 722 (4848) | 169.00 | 169.30 | 0.30 | 0.030e | 0.14 | Undet | 162.8 | 163.5 | 0.7 |
| | 169.30 | 169.80 | 0.50 | 0.026 | 0.11 | 3.4 | | | |
| | 169.80 | 170.70 | 0.90 | 0.10 | 0.14 | 7.0 | 164.0 | 164.9 | 0.9 |
| | 170.70 | 171.30 | 0.60 | 0.18 | 0.17 | 6.8 | | | |
| | 173.70 | 174.00 | 0.30 | 0.048 | <0.10 | 17.0 | 167.9 | 169.6 | 1.7 |
| | | | | | | | 169.6 | 170.6 | 1.0 |
| 725 (4857) | No sample | | | | | | 172.8 | 173.9 | 1.1 |
| | | | | | | | 168.3 | 169.4 | 1.1 |
| Block K A No. 3 | | | | | | | | | |
| W-67 (4938) | 11.0 | 14.0 | 3.0 | 0.007 | 0.14 | 1.9 | 13.6 | 14.6 | 1.0 |
| | 20.0 | 23.0 | 3.0 | 0.013 | 0.17 | 3.2 | 19.4 | 21.0 | 1.6 |
| | 52.0 | 53.0 | 1.0 | 0.005 | 0.10 | 3.5 | 52.1 | 53.0 | 0.9 |
| W-150 (4942) | 14.0 | 15.9 | 1.9 | 0.047 | 0.47 | 7.2 | 15.5 | 16.2 | 0.7 |
| | 15.9 | 16.1 | 0.2 | 0.48 | 4.01 | 1.3 | | | |
| W-151 (4946) | Barren | | | | | | 1.8 | 3.2 | 1.4 |
| W-152-A (4955) | Barren | | | | | | 36.1 | 37.4 | 1.3 |

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Table 3.--Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued.
Gamma-ray data

| Hole No. and collar elev. (feet) | Depth in feet | | Thickness (feet) | Percent | | Thickness (feet) |
|--|-----------------|------|---------------------|-------------------------------|---|---------------------|
| | From | To | | U ₃ O ₈ | V ₂ O ₅ CaCO ₃ | |
| Block K A No. 3--Continued | | | | | | |
| W-155 (4944) | Barren | | | 0.025 | 22.6 23.5 | 0.9 |
| | 62.0 | 66.5 | 4.5 | 0.026 | 53.0 54.1 | 1.1 |
| | 66.5 | 71.0 | 4.5 | 0.36 | 65.6 66.4 | 0.8 |
| W-178 (4951) | | | | 0.035 | 69.0 69.8 | 0.8 |
| | 51.0 | 54.0 | 3.0 | 0.045 | 50.0 51.3 | 1.3 |
| | | | | 0.11 | 52.6 53.7 | 1.1 |
| | | | | 0.025 | 61.8 62.7 | 0.9 |
| | | | | 0.044 | 63.1 64.5 | 1.4 |
| | | | | 0.021 | 64.5 65.8 | 1.3 |
| | | | | 0.041 | 68.2 69.4 | 1.2 |
| | Barren | | | 0.034 | 54.9 55.4 | 0.5 |
| | W-183 (4957) | | | | 0.028 | 42.1 43.7 |
| Barren | | | 0.023 | 45.5 46.5 | 1.0 | |
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Table 3.--Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued.

| Hole No. and collar elev. (feet) | Assay data | | | Gamma-ray data | | | |
|--|-----------------------------|----------------------|--|---|-----------------------------|---------------------|-------------------|
| | Depth in feet From To | Thickness (feet) | Percent U ₃ O ₈ V ₂ O ₅ CaCO ₃ | Percent eU ₃ O ₈ | Depth in feet From To | Thickness (feet) | |
| Block K A No. 3--Continued | | | | | | | |
| W-224 (4947) | Barren | | | 0.029 | 55.5 | 56.3 | 0.8 |
| W-226 (4952) | 66.0 67.7 | 67.7 69.0 | 1.7 1.3 | 0.49 0.028 | 0.69 0.11 | 5.0 4.5 | 0.8 |
| W-238 (4936) | 27.0 | 30.0 | 3.0 | 0.014e | 0.11 | Undet | 0.8 |
| 367 (4947) | 64.0 64.5 64.8 | 64.5 64.8 65.3 | 0.5 0.3 0.5 | 0.026 0.037 0.033 | <0.10 0.15 0.22 | 3.3 2.3 1.8 | 1.2 1.2 0.7 |
| 371 (4946) | 15.7 45.6 | 16.2 46.1 | 0.5 0.5 | 0.023e 0.039 | <0.10 0.45 | Undet 0.5 | 1.0 |
| 922 (4944) | No sample | | | 0.021 | 69.4 | 70.4 | 1.0 |
| 923 (4947) | 62.6 63.3 | 63.3 65.1 | 0.7 1.8 | 0.018e 0.019 | 0.41 0.33 | Undet 2.4 | 1.1 0.7 |

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Table 3--Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued.

| Hole No. and collar elev. (feet) | Depth in feet | | Thickness (feet) | Percent | | Percent eU ₃ O ₈ | Depth in feet | | Thickness (feet) |
|--|---------------|------|---------------------|-------------------------------|-------------------------------|---|---------------|------|---------------------|
| | From | To | | U ₃ O ₈ | V ₂ O ₅ | | From | To | |
| Block K A No. 3--Continued | | | | | | | | | |
| 925 (4948) | No sample | | | | | | | | |
| | | | | | | 0.032 | 63.3 | 64.9 | 1.6 |
| | | | | | | 0.037 | 64.9 | 66.3 | 1.4 |
| 926 (4948) | No sample | | | | | 0.028 | 67.3 | 68.4 | 1.1 |
| | | | | | | 0.024 | 63.4 | 65.4 | 2.0 |
| 927 (4953) | 53.8 | 54.1 | 0.3 | 0.004e | 0.18 | Undet | 53.7 | 54.4 | 0.7 |
| | 54.1 | 54.7 | 0.6 | 0.039 | 0.23 | 0.5 | 54.4 | 55.2 | 0.8 |
| | 58.1 | 58.7 | 0.6 | 0.023 | <0.10 | 10.9 | 55.2 | 56.3 | 1.1 |
| | 58.7 | 59.9 | 1.2 | 0.034 | 0.13 | 6.5 | 57.5 | 58.4 | 0.9 |
| | 59.9 | 60.5 | 0.6 | 0.029e | 0.18 | Undet | 58.4 | 59.5 | 1.1 |
| 928 (4948) | No sample | | | | | 0.036 | 59.6 | 60.5 | 0.9 |
| | | | | | | 0.18 | 63.4 | 64.2 | 0.8 |
| | | | | | | 0.056 | 64.2 | 65.0 | 0.8 |
| | | | | | | 0.026 | 68.0 | 69.1 | 1.1 |

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Table 3.--Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued.
Assay data

| Hole No. and collar elev. (feet) | Depth in feet | | Thickness (feet) | Percent | | Thickness (feet) | Depth in feet | | Thickness (feet) |
|--|---------------|------|---------------------|-------------------------------|-------------------------------|---------------------|-------------------|------|---------------------|
| | From | To | | U ₃ O ₈ | V ₂ O ₅ | | CaCO ₃ | From | |
| Block K A No. 3--Continued | | | | | | | | | |
| 929 (4949) | 55.6 | 56.7 | 1.1 | 0.13 | 0.26 | 1.1 | 23.2 | 24.2 | 1.0 |
| | 56.7 | 58.1 | 1.4 | 0.97 | 1.99 | 1.1 | | | |
| | 58.1 | 59.5 | 1.4 | 0.039 | 0.94 | 1.0 | 49.6 | 50.6 | 1.0 |
| | 59.5 | 61.0 | 1.5 | 0.057 | 0.23 | 1.1 | | | |
| | 61.0 | 61.6 | 0.6 | 0.015e | 0.13 | Undet | 57.1 | 57.9 | 0.8 |
| 930 (4952) | No sample | | | | | | 57.9 | 58.5 | 0.6 |
| | | | | | | | 58.5 | 59.2 | 0.7 |
| | | | | | | | 64.2 | 65.5 | 1.3 |
| | | | | | | | 46.4 | 47.5 | 1.1 |
| | | | | | | | 65.5 | 66.6 | 1.1 |
| Block L A No. 1, A No. 2 | | | | | | | | | |
| W-172 (4908) | 15.0 | 16.0 | 1.0 | 0.010e | 0.11 | Undet | 14.4 | 15.5 | 1.1 |
| | 16.0 | 17.0 | 1.0 | 0.006 | 0.82 | 0.5 | 15.5 | 16.9 | 1.4 |
| | 17.0 | 18.0 | 1.0 | 0.026e | 0.33 | Undet | | | |
| | 18.0 | 19.0 | 1.0 | 0.021e | 0.44 | Undet | 20.9 | 21.9 | 1.0 |
| | 19.0 | 20.0 | 1.0 | 0.022e | 0.42 | Undet | | | |
| | 20.0 | 21.0 | 1.0 | 0.004e | 0.16 | Undet | | | |
| 919 (4906) | No sample | | | | | | 29.1 | 30.1 | 1.0 |
| | | | | | | | | | |

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Table 3.--Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued.

| Hole No. and collar elev. (feet) | Depth in feet | | Thickness (feet) | Percent | | Thickness (feet) | Depth in feet | | Thickness (feet) |
|-------------------------------------|---------------|------|---------------------|-------------------------------|-------------------------------|---------------------|-------------------|------|---------------------|
| | From | To | | U ₃ O ₈ | V ₂ O ₅ | | CaCO ₃ | From | |
| Block L A No. 1, A No. 2--Continued | | | | | | | | | |
| 920 (4907) | 11.3 | 12.8 | 1.5 | 0.021e | 0.46 | Undet | 11.6 | 12.6 | 1.0 |
| | 12.8 | 13.6 | 0.8 | 0.028 | 1.15 | 1.5 | 12.6 | 13.7 | 1.1 |
| 921 (4907) | 14.4 | 16.1 | 1.7 | 0.058 | 0.66 | 2.8 | 13.3 | 14.3 | 1.0 |
| | 16.1 | 16.4 | 0.3 | 0.032e | 0.79 | 1.6 | 14.3 | 15.2 | 0.9 |
| | 16.4 | 17.2 | 0.8 | 0.037 | 1.15 | 1.0 | 15.2 | 16.8 | 1.6 |
| | | | | | | | 21.4 | 22.5 | 1.1 |
| Block M Telluride No. 2 | | | | | | | | | |
| Barren | | | | | | | | | |
| W-69 (4927) | 39.0 | 42.0 | 3.0 | 0.073 | 0.43 | 4.0 | 48.5 | 49.4 | 0.9 |
| | 42.0 | 45.0 | 3.0 | 0.091 | 0.50 | 3.1 | 40.0 | 41.0 | 1.0 |
| | 45.0 | 48.0 | 3.0 | 0.030e | 0.11 | Undet | 41.0 | 42.0 | 1.0 |
| | 48.0 | 51.0 | 3.0 | 0.055 | 0.24 | 3.7 | 42.0 | 43.8 | 1.8 |
| | | | | | | | 43.8 | 45.2 | 1.4 |
| | | | | | | | 47.3 | 48.2 | 0.9 |
| | | | | | | | 48.3 | 50.0 | 1.7 |
| No sample | | | | | | | | | |
| 362 (4926) | 34.9 | 35.5 | 0.6 | 0.010e | 0.25 | Undet | 34.8 | 35.5 | 0.7 |
| | 35.5 | 35.8 | 0.3 | 0.057 | 0.55 | 6.0 | | | |
| | 35.8 | 36.0 | 0.2 | 0.034e | 0.43 | Undet | | | |

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Table 3.—Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah.—Continued.

| Hole No. and collar elev. (feet) | Assay data | | | | | | Gamma-ray data | | | |
|--|--------------------------|-------|---------------------|-------------------------------|-------------------------------|-------------------|---|--------------------------|-------|---------------------|
| | Depth in feet From To | | Thickness (feet) | Percent | | | Percent eU ₃ O ₈ | Depth in feet From To | | Thickness (feet) |
| | | | | U ₃ O ₈ | V ₂ O ₅ | CaCO ₃ | | | | |
| Block M Telluride No. 2--Continued | | | | | | | | | | |
| 366 (4922) | 38.0 | 38.3 | 0.3 | 0.27 | 3.61 | 6.2 | 0.52 | 40.1 | 40.9 | 0.8 |
| Block N Blackstone No. 3 | | | | | | | | | | |
| 379 (4911) | 115.5 | 115.7 | 0.2 | 0.001e | 0.15 | Undet | 0.44 | 209.5 | 210.3 | 0.8 |
| | 208.4 | 209.1 | 0.7 | 0.25 | 0.13 | 15.9 | | | | |
| 482 (4914) | No sample | | | | | | 0.067 | 130.4 | 131.1 | 0.7 |
| 483 (4914) | 205.2 | 205.6 | 0.4 | 0.073 | <0.10 | 3.3 | 0.33 | 204.2 | 204.9 | 0.7 |
| | 206.9 | 207.5 | 0.6 | 0.74 | <0.10 | 5.0 | 3.0 | 206.4 | 207.0 | 0.6 |
| | 207.5 | 208.2 | 0.7 | 0.023e | <0.10 | Undet | 0.90 | 207.5 | 208.1 | 0.6 |
| | 208.2 | 208.5 | 0.3 | 0.41 | <0.10 | 26.4 | | | | |
| 532 (4918) | Barren | | | | | | 0.34 | 211.6 | 212.3 | 0.7 |

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Table 3.--Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued.
Assay data
Gamma-ray data

| Hole No. and collar elev. (feet) | Depth in feet | | Thickness (feet) | Percent | | Thickness (feet) | Depth in feet | | Percent U ₃ O ₈ | Thickness (feet) |
|--|---------------|-------|---------------------|-------------------------------|-------------------------------|---------------------|-------------------|-------|--|---------------------|
| | From | To | | U ₃ O ₈ | V ₂ O ₅ | | CaCO ₃ | From | | |
| Block O Blackstone No. 3 | | | | | | | | | | |
| 640 (4931) | 149.4 | 150.6 | 1.2 | 0.067 | <0.10 | 4.6 | 149.0 | 151.0 | 0.090 | 2.0 |
| | 150.6 | 151.5 | 0.9 | 0.086 | <0.10 | 6.8 | | | | |
| Block P Blackstone No. 3 | | | | | | | | | | |
| 646 (4934) | 147.4 | 147.7 | 0.3 | 0.20 | 0.18 | 0.6 | 141.9 | 143.1 | 0.028 | 1.2 |
| | 147.7 | 148.7 | 1.0 | 0.047 | <0.10 | 1.2 | | | | 1.3 |
| | 148.7 | 149.1 | 0.4 | 0.83 | <0.10 | 4.8 | 145.7 | 147.0 | 0.064 | 1.3 |
| | 149.1 | 149.5 | 0.4 | 0.18 | <0.10 | 2.4 | 147.0 | 147.8 | 0.56 | 0.8 |
| Block Q Parco No. 25 | | | | | | | | | | |
| 2 (4889) | 5.5 | 6.2 | 0.7 | 0.034 | 0.63 | 6.2 | 5.9 | 6.6 | 0.029 | 0.7 |
| | 18.7 19.5 | 19.5 | 0.8 | 0.031e | 0.95 | 0.4 | 6.6 | 7.8 | 0.060 | 1.2 |
| | | 20.4 | 0.9 | 0.022e | 1.24 | 0.3 | 7.8 | 9.3 | 0.13 | 1.5 |
| | | | | | | | 20.3 | 21.2 | 0.050 | 0.9 |
| | | | | | | | 28.3 | 29.3 | 0.030 | 1.0 |
| | | | | | | | 34.5 | 35.6 | 0.031 | 1.1 |
| | | | | | | | 35.6 | 36.8 | 0.037 | 1.2 |
| 3 (4897) | 21.5 | 22.5 | 1.0 | 0.11 | 0.46 | 0.4 | 20.9 | 21.7 | 0.57 | 0.8 |

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Table 3.--Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued.

| Hole No. and collar elev. (feet) | Assay data | | | | | Gamma-ray data | | | | | | |
|--|------------|-----------|--------------------|---------------------|---------------------|--|--|-------------------------|--------------------------------|---------------------------|---------------------------|---------------------------|
| | Block Q | Parco No. | Depth in feet | | Thickness (feet) | Percent U ₃ O ₈ | Percent V ₂ O ₅ | CaCO ₃ | Depth in feet | | Thickness (feet) | |
| | | | From | To | | | | | From | To | | |
| W-74 (4879) | | | 5.0 8.0 11.0 | 8.0 11.0 14.0 | 3.0 3.0 3.0 | 0.001e 0.027e 0.004e | 0.11 0.80 0.37 | Undet 0.68 Undet | 0.17 0.029 | 8.6 23.7 | 9.3 24.6 | 0.7 0.9 |
| W-78 *(4881) | | | 23.0 2.0 8.0 | 26.0 5.0 11.0 | 3.0 3.0 3.0 | 0.010e 0.022e 0.010e | 0.20 0.20 0.20 | Undet Undet Undet | 0.039 0.11 0.026 | 2.8 5.9 7.7 | 4.4 6.6 9.4 | 1.6 0.7 1.7 |
| W-79 *(4881) | | | 1.0 2.0 | 2.0 5.0 | 1.0 3.0 | 0.006e 0.006e | 0.23 0.43 | Undet Undet | 0.039 | 2.6 | 3.4 | 0.8 1.0 |
| W-80 (4874) | | | 11.0 | 14.0 | 3.0 | 0.023e | 0.23 | Undet | 0.11 | 12.0 | 12.8 | 0.8 |
| W-81 (4875) | | | 17.0 | 20.0 | 3.0 | 0.003e | 0.16 | Undet | 0.032 | 20.3 | 21.2 | 0.9 |
| W-83 *(4886) | | | 2.0 5.0 | 5.0 8.0 | 3.0 3.0 | 0.012e 0.007e | 0.23 0.14 | Undet Undet | 0.028 | 4.4 | 5.8 | 1.4 |

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Table 3.--Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued.

| Hole No. and collar elev. (feet) | Depth in feet | | Thickness (feet) | Percent | | Thickness (feet) | Depth in feet | | Thickness (feet) |
|--|---------------|------|---------------------|-------------------------------|-------------------------------|---------------------|-------------------|------|---------------------|
| | From | To | | U ₃ O ₈ | V ₂ O ₅ | | CaCO ₃ | From | |
| Block Q Parco No. 25--Continued | | | | | | | | | |
| W-84 (4897) | 5.0 | 8.0 | 3.0 | 0.002e | 0.16 | Undet | 6.5 | 9.5 | 3.0 |
| | 8.0 | 11.0 | 3.0 | 0.009e | 0.36 | Undet | | | |
| | 14.0 | 17.0 | 3.0 | 0.004e | 0.14 | Undet | 20.7 | 21.2 | 0.5 |
| | 20.0 | 23.0 | 3.0 | 0.015e | 0.14 | Undet | | | |
| W-86 (4889) | 26.0 | 29.0 | 3.0 | 0.14 | 0.59 | 1.47 | 28.2 | 29.1 | 0.9 |
| | 29.0 | 32.0 | 3.0 | 0.014e | 0.20 | Undet | 38.0 | 39.7 | 1.7 |
| | 38.0 | 41.0 | 3.0 | 0.019e | 0.18 | Undet | | | |
| W-87 (4886) | 11.0 | 14.0 | 3.0 | 0.028 | 0.46 | 0.58 | 10.3 | 11.3 | 1.0 |
| W-101 (4901) | 35.0 | 38.0 | 3.0 | 0.004e | 0.11 | Undet | 37.5 | 38.3 | 0.8 |
| W-103 (4909) | 26.0 | 29.0 | 3.0 | 0.012e | 0.23 | Undet | 26.4 | 27.9 | 1.5 |
| W-104 (4900) | 35.0 | 38.0 | 3.0 | 0.019e | 0.11 | Undet | 36.9 | 37.6 | 0.7 |

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Table 3-----Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah-----Continued,

| Hole No. and collar elev. (feet) | | | Assay data | | | | Gamma-ray data | | | |
|-------------------------------------|---------------|-------|---------------------|------------------------|------------------------|---------------------|------------------------------------|---------------|------|---------------------|
| | Depth in feet | | Thickness (feet) | Percent | | Thickness (feet) | Percent eU_3O_8 | Depth in feet | | Thickness (feet) |
| | From | To | | U_3O_8 | V_2O_5 | | | From | To | |
| Block Q Parco No. 25--Continued | | | | | | | | | | |
| 106 | 27.6 | 27.9 | 0.3 | 0.021e | <0.10 | Undet | 1.8 | 27.9 | 28.6 | 0.7 |
| (4889) | 27.90 | 28.95 | 1.05 | 0.38 | 0.76 | 1.4 | | | | |
| | 28.95 | 29.20 | 0.25 | 0.034 | 0.97 | 1.8 | 0.032 | 38.0 | 38.9 | 0.9 |
| | | | | | | | 0.050 | 38.9 | 40.0 | 1.1 |
| W-136 | 21.0 | 23.8 | 2.8 | 0.010e | 0.68 | 1.3 | Not logged | | | |
| (4889) | 23.80 | 24.05 | 0.25 | 0.015e | 0.41 | Undet | | | | |
| | 28.2 | 28.8 | 0.6 | 0.079 | 0.20 | 0.66 | | | | |
| | 28.8 | 29.3 | 0.5 | 0.61 | 2.29 | 1.06 | | | | |
| | 29.3 | 30.0 | 0.7 | 0.035 | 0.91 | 1.80 | | | | |
| W-137 | 28.0 | 28.5 | 0.5 | 0.029e | 0.10 | Undet | 0.82 | 28.0 | 29.1 | 1.1 |
| (4889) | 28.5 | 29.0 | 0.5 | 0.18 | 0.22 | 1.9 | | | | |
| | 29.0 | 29.5 | 0.5 | 0.83 | 1.55 | 1.3 | 0.027 | 30.9 | 32.3 | 1.4 |
| | 29.5 | 30.0 | 0.5 | 0.061 | 0.74 | 2.1 | | | | |
| | 30.0 | 30.5 | 0.5 | 0.033e | 0.45 | Undet | | | | |
| | 30.5 | 31.0 | 0.5 | 0.016e | 0.25 | Undet | | | | |
| | 31.0 | 32.0 | 1.0 | 0.017e | 0.31 | Undet | | | | |
| | 32.0 | 32.6 | 0.6 | 0.020e | 0.38 | Undet | | | | |
| | 32.6 | 35.0 | 2.4 | 0.008e | 0.13 | Undet | | | | |

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Table 3.--Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued.

| Hole No. and collar elev. (feet) | Assay data | | | | Gamma-ray data | | | |
|--|---------------|--------|---------------------|------------------------|------------------------|-----------------|---------------------|-------|
| | Depth in feet | | Thickness (feet) | Percent | Depth in feet | | Thickness (feet) | |
| | From | To | | U_3O_8 | V_2O_5 | CaCO_3 | From | To |
| Block R Allor No. 4 | | | | | | | | |
| 11 (4915) | 17.1 | 17.7 | 0.6 | 0.006e | 0.11 | Undet | 16.7 | 18.5 |
| 12 (4902) | 13.0 | 13.2 | 0.2 | 0.079 | 0.16 | 5.3 | Not logged | |
| 15 (4896) | 15.4 | 16.4 | 1.0 | 0.019e | 0.78 | 0.7 | 15.1 | 17.7 |
| | 19.25 | 20.10 | 0.85 | 0.14 | 0.36 | 0.3 | 18.5 | 19.6 |
| 29 (4893) | No sample | | | | | | 32.2 | 32.8 |
| 34 (4891) | 106.60 | 106.85 | 0.25 | 0.023e | <0.05 | Undet | 106.8 | 108.3 |
| | 107.35 | 107.60 | 0.25 | 0.020e | <0.05 | Undet | 109.7 | 111.3 |
| | 117.0 | 117.3 | 0.3 | 0.17 | 0.19 | 10.1 | 118.1 | 119.0 |
| W-96 (4891) | 17.0 | 20.0 | 3.0 | 0.010e | 0.11 | Undet | 17.4 | 18.7 |
| 644 (4884) | No sample | | | | | | 34.9 | 36.0 |
| | | | | | | | 33.8 | 35.4 |

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Table 3--Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued.
(Gamma-ray data)

| Hole No. and collar elev. (feet) | Depth in feet | | Thickness (feet) | Percent | | | Thickness (feet) | | |
|--|---------------|------|---------------------|-------------------------------|-------------------------------|-------------------|---------------------|------|-----|
| | From | To | | U ₃ O ₈ | V ₂ O ₅ | CaCO ₃ | | | |
| Block S Allor No. 4 | | | | | | | | | |
| W-109 (4879) | 38.0 | 39.5 | 1.5 | 0.006 | 0.16 | 2.7 | 38.5 | 39.5 | 1.0 |
| | 39.5 | 40.0 | 0.5 | 0.40 | 1.93 | 0.7 | 39.5 | 40.1 | 0.6 |
| | 40.0 | 41.0 | 1.0 | 0.26 | 0.79 | 1.4 | | | |
| | 41.0 | 41.6 | 0.6 | 0.032 | 0.37 | 1.2 | | | |
| W-112 (4880) | 35.0 | 36.4 | 1.4 | 0.004 | 0.23 | 1.8 | 35.8 | 37.4 | 1.6 |
| | 36.4 | 37.0 | 0.6 | 0.021 | 0.46 | 0.9 | | | |
| | 37.0 | 38.0 | 1.0 | 0.004 | 0.17 | 0.5 | | | |
| | 38.0 | 39.0 | 1.0 | 0.004 | 0.12 | 0.2 | | | |
| | 42.0 | 42.7 | 0.7 | 0.13 | 0.20 | 2.5 | | | |
| | 42.7 | 43.3 | 0.6 | 0.15 | 0.44 | 2.2 | | | |
| W-135 (4894) | 43.3 | 44.2 | 0.9 | 0.053 | 0.50 | 1.6 | | | |
| | 44.2 | 47.0 | 2.8 | 0.005 | 0.10 | 4.8 | | | |
| | 50.0 | 51.2 | 1.2 | 0.014e | 0.57 | 1.2 | 50.8 | 51.6 | 0.8 |
| | 51.2 | 51.9 | 0.7 | 0.67 | 3.26 | 0.53 | | | |
| W-138 (4893) | 51.9 | 53.0 | 1.1 | 0.009e | 0.18 | Undet | 52.1 | 52.5 | 0.4 |
| | No sample | | | | | | 41.1 | 41.9 | 0.8 |
| W-142 (4891) | 56.0 | 57.5 | 1.5 | 0.041 | 0.76 | 8.7 | 56.9 | 57.5 | 0.6 |
| | 57.5 | 59.0 | 1.5 | 0.064 | 0.31 | 1.5 | 57.5 | 58.3 | 0.8 |
| | 59.0 | 59.3 | 0.3 | 0.046 | 1.28 | 7.4 | 58.3 | 58.9 | 0.6 |

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Block T Allor No. 3

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Table 3--Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued.
Gamma-ray data

| Hole No. and collar elev. (feet) | Depth in feet | | Thickness (feet) | Percent | | | Percent eU ₃ O ₈ | Depth in feet | | Thickness (feet) |
|--|---------------|------|---------------------|-------------------------------|-------------------------------|-------------------|---|---------------|------|---------------------|
| | From | To | | U ₃ O ₈ | V ₂ O ₅ | CaCO ₃ | | From | To | |
| Block U Memphis No. 3 | | | | | | | | | | |
| W-3 (4910) | 44.0 | 48.5 | 4.5 | 0.017 | 0.16 | 7.7 | 0.10 | 46.1 | 47.4 | 1.3 |
| W-4 (4886) | 53.0 | 57.5 | 4.5 | 0.008 | 0.17 | 4.2 | 0.37 | 57.9 | 58.6 | 0.7 |
| | 57.5 | 59.0 | 1.5 | 0.12 | <0.10 | 9.6 | | | | |
| W-34 (4911) | Barren | | | | | | 0.026 | 39.7 | 41.0 | 1.3 |
| W-37 (4888) | Barren | | | | | | 0.022 | 20.3 | 22.8 | 2.5 |
| W-38 (4886) | 58.0 | 62.0 | 4.0 | 0.008 | 0.23 | 3.6 | 0.024 | 60.8 | 61.8 | 1.0 |
| | | | | | | | 0.050 | 61.8 | 63.1 | 1.3 |
| W-40 (4885) | 48.5 | 53.0 | 4.5 | 0.026 | 0.07 | 3.8 | 0.18 | 48.6 | 49.3 | 0.7 |
| W-41-A (4888) | No sample | | | | | | 0.042 | 49.0 | 50.2 | 1.2 |
| W-42 (4878) | Barren | | | | | | 0.021 | 60.0 | 60.7 | 0.7 |
| | | | | | | | 0.064 | 62.3 | 63.4 | 1.1 |

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Table 3--Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued.

| Hole No. and collar elev. (feet) | Assay data | | | | Gamma-ray data | | |
|----------------------------------|---------------|------------------|-------------------------------|-------------------------------|-------------------|--|------------------|
| | Depth in feet | Thickness (feet) | Percent | | From | To | Thickness (feet) |
| | From | To | U ₃ O ₈ | V ₂ O ₅ | CaCO ₃ | Percent eU ₃ O ₈ | |
| Block V Memphis Nos. 1, 2 | | | | | | | |
| W-12 (4928) | 44.0 | 48.5 | 4.5 | 0.070 | 0.38 | 2.8 | 0.52 |
| | 48.5 | 53.0 | 4.5 | 0.12 | 0.35 | 6.7 | 0.030 |
| | | | | | | | 0.029 |
| | | | | | | | 0.021 |
| | | | | | | | 0.021 |
| | | | | | | | 0.022 |
| W-28 (4929) | Barren | | | | | | 0.021 |
| | | | | | | | 0.022 |
| W-29 (4928) | 53.0 | 57.5 | 4.5 | 0.035 | 0.06 | 19.9 | 0.28 |
| | | | | | | | 0.060 |
| W-32 (4932) | 61.0 | 62.0 | 1.0 | 0.14 | 0.49 | 4.9 | 0.63 |
| W-33 (4917) | No sample | | | | | | 0.063 |
| | | | | | | | 0.020 |

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Table 3--Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued.

| Hole No. and collar elev. (feet) | Assay data | | | | | | Gamma-ray data | | | |
|--|--------------------------|------|---------------------|-------------------------------|-------------------------------|-------------------|---|---------------|------|---------------------|
| | Depth in feet From To | | Thickness (feet) | Percent | | CaCO ₃ | Percent eU ₃ O ₈ | Depth in feet | | Thickness (feet) |
| | | | | U ₃ O ₈ | V ₂ O ₅ | | | From | To | |
| Block W Socko No. 2 | | | | | | | | | | |
| W-265 (4869) | 21.0 | 22.8 | 1.8 | 0.063 | 0.78 | 1.8 | 0.50 | 22.1 | 23.1 | 1.0 |
| | 22.8 | 24.0 | 1.2 | 0.31 | 0.50 | 2.7 | 0.032 | 23.1 | 25.0 | 1.9 |
| | 24.0 | 25.0 | 1.0 | 0.041 | 0.11 | 5.8 | 0.62 | 25.0 | 25.9 | 0.9 |
| | 25.0 | 26.0 | 1.0 | 0.19 | 0.44 | 6.0 | 0.050 | 25.9 | 26.8 | 0.9 |
| | 26.0 | 27.0 | 1.0 | 0.086 | 0.64 | 6.3 | | | | |
| Block X Little Pittsburg No. 4 | | | | | | | | | | |
| W-164 (5018) | 2.0 | 3.0 | 1.0 | 0.002e | 0.11 | Undet | 0.024 | 4.5 | 7.2 | 2.7 |
| | 4.0 | 5.0 | 1.0 | 0.009e | 0.31 | Undet | | | | |
| | 5.0 | 6.0 | 1.0 | 0.013e | 1.30 | 3.6 | | | | |
| | 6.0 | 7.0 | 1.0 | 0.011e | 1.32 | 3.4 | | | | |
| | 7.0 | 8.0 | 1.0 | 0.007e | 0.60 | 3.3 | | | | |
| | 8.0 | 9.0 | 1.0 | 0.006e | 0.38 | Undet | | | | |
| | 9.0 | 10.0 | 1.0 | 0.006e | 0.13 | Undet | | | | |
| W-165 (5018) | 2.0 | 3.0 | 1.0 | 0.001e | 0.13 | Undet | 0.038 | 4.7 | 5.4 | 0.7 |
| | 4.0 | 5.0 | 1.0 | 0.007e | 0.38 | Undet | | | | |
| | 5.0 | 6.0 | 1.0 | 0.008e | 0.60 | 7.3 | | | | |
| | 6.0 | 7.0 | 1.0 | 0.010e | 1.19 | 6.5 | | | | |
| | 7.0 | 8.0 | 1.0 | 0.015e | 0.87 | 7.4 | | | | |
| | 8.0 | 9.0 | 1.0 | 0.007e | 0.27 | Undet | | | | |

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Table 3 Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued.
Gamma-ray data

| Hole No. and collar elev. (feet) | Assay data | | | Gamma-ray data | | |
|---|-----------------------|---------------------|---------------------|--|--|------------------------------|
| | Depth in feet From | Depth in feet To | Thickness (feet) | Percent U ₃ O ₈ | Percent V ₂ O ₅ | Percent CaCO ₃ |
| Block X Little Pittsburg No. 4--Continued | | | | | | |
| W-166 (5018) | 2.0 | 3.0 | 1.0 | 0.002 | 0.11 | Undet |
| | 4.0 | 5.0 | 1.0 | 0.003e | 0.13 | Undet |
| | 5.0 | 6.0 | 1.0 | 0.013e | 0.94 | 6.8 |
| | 6.0 | 7.0 | 1.0 | 0.010e | 0.94 | 5.9 |
| | 7.0 | 8.0 | 1.0 | 0.005e | 0.94 | 5.6 |
| | 8.0 | 9.0 | 1.0 | 0.005e | 0.34 | Undet |
| | 9.0 | 10.0 | 1.0 | 0.004e | 0.13 | Undet |
| | 0.0 | 1.0 | 1.0 | 0.060 | 0.13 | 3.9 |
| | 1.0 | 2.0 | 1.0 | 0.011e | 0.11 | Undet |
| | 2.0 | 3.0 | 1.0 | 0.008e | 0.11 | Undet |
| W-342 (5018) | 4.0 | 5.0 | 1.0 | 0.046 | 0.11 | 28.8 |
| | 5.0 | 6.0 | 1.0 | 0.025e | 0.83 | 7.5 |
| | 6.0 | 7.0 | 1.0 | 0.037 | 1.35 | 6.5 |
| | 7.0 | 8.0 | 1.0 | 0.031e | 0.76 | 11.9 |
| | 8.0 | 9.0 | 1.0 | 0.016e | 0.22 | Undet |
| | 0.0 | 1.0 | 1.0 | 0.060 | 0.13 | 3.9 |
| | 1.0 | 2.0 | 1.0 | 0.011e | 0.11 | Undet |
| | 2.0 | 3.0 | 1.0 | 0.008e | 0.11 | Undet |
| | 4.0 | 5.0 | 1.0 | 0.046 | 0.11 | 28.8 |
| | 5.0 | 6.0 | 1.0 | 0.025e | 0.83 | 7.5 |
| W-347 (5022) | 6.0 | 9.0 | 3.0 | 0.080 | 0.24 | 3.2 |
| | 9.0 | 12.0 | 3.0 | 0.069 | 0.33 | 5.0 |
| | 0.0 | 1.0 | 1.0 | 0.036 | 0.036 | 0.6 |
| | 1.0 | 2.0 | 1.0 | 0.020 | 0.020 | 2.0 |
| | 2.0 | 3.0 | 1.0 | 0.030 | 0.030 | 3.0 |
| | 3.0 | 4.0 | 1.0 | 0.029 | 0.029 | 7.5 |
| | 4.0 | 5.0 | 1.0 | 0.080 | 0.080 | 9.0 |
| | 5.0 | 6.0 | 1.0 | 0.040 | 0.040 | 11.9 |
| | 6.0 | 7.0 | 1.0 | 0.036 | 0.036 | 12.4 |
| | 7.0 | 8.0 | 1.0 | 0.020 | 0.020 | 1.4 |

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Table 3---Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued.
Assay data

| Hole No. and collar elev. (feet) | Depth in feet | | Thickness (feet) | Percent | | | Percent eU_3O_8 | Depth in feet | | Thickness (feet) |
|--|---------------|------|---------------------|----------|----------|----------|----------------------|---------------|-----|---------------------|
| | From | To | | U_3O_8 | V_2O_5 | $CaCO_3$ | | From | To | |
| Block Y Little Pittsburg No. 3 | | | | | | | | | | |
| W-327 (5018) | 3.0 | 6.0 | 3.0 | 0.13 | 0.60 | 1.5 | 0.030 | 2.5 | 3.5 | 1.0 |
| | 6.0 | 7.0 | 1.0 | 0.14 | 1.06 | 10.6 | 0.41 | 5.5 | 6.2 | 0.7 |
| | 7.0 | 8.0 | 1.0 | 0.016e | 0.11 | Undet | | | | |
| W-329 *(5017) | 0.7 | 3.0 | 2.3 | 0.054 | 0.17 | 1.1 | 2.1 | 2.4 | 3.4 | 1.0 |
| | 3.0 | 6.0 | 3.0 | 0.27 | 0.76 | 0.6 | 0.066 | 3.4 | 4.6 | 1.2 |
| | 6.0 | 7.0 | 1.0 | 0.024e | 0.93 | 0.2 | Undet | | | |
| | 7.0 | 8.0 | 1.0 | 0.029e | 0.35 | Undet | | | | |
| | 8.0 | 9.0 | 1.0 | 0.042 | 0.13 | 54.0 | | | | |
| W-340 *(5017) | 1.5 | 2.0 | 0.5 | 0.021e | <0.10 | Undet | 2.7 | 1.8 | 2.9 | 1.1 |
| | 2.0 | 2.5 | 0.5 | 0.73 | 1.76 | 1.9 | 0.13 | 2.9 | 4.1 | 1.2 |
| | 2.5 | 3.0 | 0.5 | 1.83 | 2.96 | 1.6 | 0.047 | 6.0 | 6.9 | 0.9 |
| | 3.0 | 3.5 | 0.5 | 1.44 | 2.38 | 0.9 | | | | |
| | 3.5 | 4.0 | 0.5 | 0.26 | 0.39 | 0.3 | | | | |
| | 4.0 | 4.5 | 0.5 | 0.17 | 0.30 | 0.2 | 109 | | | |
| | 4.5 | 5.0 | 0.5 | 0.23 | 0.43 | 0.3 | | | | |
| | 5.0 | 5.5 | 0.5 | 0.068 | 0.28 | 0.2 | | | | |
| | 5.5 | 6.0 | 0.5 | 0.060 | 0.85 | 0.3 | | | | |
| | 6.0 | 6.5 | 0.5 | 0.043 | 1.82 | 0.3 | | | | |
| | 6.5 | 7.0 | 0.5 | 0.047 | 1.17 | 0.3 | | | | |
| | 7.0 | 7.5 | 0.5 | 0.049 | 0.56 | 1.6 | | | | |
| | 7.5 | 8.0 | 0.5 | 0.094 | 0.28 | 20.8 | | | | |
| | 8.0 | 8.5 | 0.5 | 0.17 | 0.39 | 35.5 | | | | |
| | 8.5 | 9.0 | 0.5 | 0.093 | 0.30 | 10.8 | | | | |
| | 9.0 | 9.5 | 0.5 | 0.057 | 0.20 | 8.9 | | | | |
| | 9.5 | 10.0 | 0.5 | 0.062 | 0.20 | 7.4 | | | | |

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Table 3--Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued.
Assay data

| Hole No. and collar elev. (feet) | Depth in feet | | Thickness (feet) | Percent | | | Percent eU ₃ O ₈ | Depth in feet | | Thickness (feet) |
|--|---------------|-----|---------------------|-------------------------------|-------------------------------|-------------------|---|---------------|-----|---------------------|
| | From | To | | U ₃ O ₈ | V ₂ O ₅ | CaCO ₃ | | From | To | |
| Block Y Little Pittsburgh No. 3--Continued | | | | | | | | | | |
| W-345 *(5017) | 2.0 | 2.5 | 0.5 | 0.25 | 1.24 | 1.6 | 1.8 | 3.2 | 1.4 | |
| | 2.5 | 3.0 | 0.5 | 1.59 | 3.84 | 1.8 | 3.2 | 4.4 | 1.2 | |
| | 3.0 | 3.5 | 0.5 | 0.25 | 0.83 | 0.4 | 4.4 | 5.3 | 0.9 | |
| | 3.5 | 4.0 | 0.5 | 0.48 | 0.93 | 0.5 | | | | |
| | 4.0 | 4.5 | 0.5 | 0.17 | 0.33 | 0.4 | | | | |
| | 4.5 | 5.0 | 0.5 | 0.10 | 0.28 | 0.3 | | | | |
| | 5.0 | 5.5 | 0.5 | 0.042 | 0.28 | 0.2 | | | | |
| | 5.5 | 6.0 | 0.5 | 0.041 | 0.63 | 0.2 | | | | |
| | 6.0 | 6.5 | 0.5 | 0.020e | 1.22 | 0.3 | | | | |
| | 6.5 | 7.0 | 0.5 | 0.028e | 1.15 | 0.2 | | | | |
| | 7.0 | 7.5 | 0.5 | 0.019e | 0.29 | Undet | | | | |
| | 7.5 | 8.0 | 0.5 | 0.026e | 0.11 | Undet | | | | |
| | 8.0 | 8.5 | 0.5 | 0.028e | 0.11 | Undet | | | | |
| | 8.5 | 9.0 | 0.5 | 0.017e | 0.11 | Undet | | | | |
| | 9.0 | 9.5 | 0.5 | 0.020e | 0.11 | Undet | | | | |
| W-539 *(5017) | 1.0 | 1.5 | 0.5 | 0.002e | 0.11 | Undet | 4.7 | 6.1 | 1.4 | |
| | 2.5 | 3.0 | 0.5 | 0.002e | 0.11 | Undet | | | | |
| | 4.0 | 4.5 | 0.5 | 0.001e | 0.72 | 2.2 | | | | |
| | 4.5 | 5.0 | 0.5 | 0.004e | 1.68 | 2.1 | | | | |
| | 5.0 | 5.5 | 0.5 | 0.013e | 0.55 | 1.3 | | | | |
| 5.5 | 6.0 | 0.5 | 0.021e | <0.10 | Undet | | | | | |

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Table 3.---Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued,
Gamma-ray data

| Hole No. and collar elev. (feet) | Assay data | | | Gamma-ray data | | |
|---|-----------------------|-------|---------------------|--|--|------------------------------|
| | Depth in feet From | To | Thickness (feet) | Percent U ₃ O ₈ | Percent V ₂ O ₅ | Percent CaCO ₃ |
| Block Y Little Pittsburg No. 3--Continued | | | | | | |
| W-541 | 2.0 | 3.0 | 1.0 | 0.007e | 0.13 | Undet |
| *(5017) | 3.0 | 3.3 | 0.3 | 0.027e | 1.41 | 0.7 |
| | 3.3 | 4.0 | 0.7 | 0.034e | 0.60 | 8.5 |
| Block Z Red Vanadium No. 1-R | | | | | | |
| W-670 | 45.0 | 45.4 | 0.4 | 0.21 | 0.14 | 1.1 |
| *(4923) | 45.4 | 46.0 | 0.6 | 0.061 | 0.11 | 1.0 |
| | 47.5 | 48.0 | 0.5 | 0.020e | <0.10 | Undet |
| Other holes | | | | | | |
| 9 (4886) | 66.70 | 67.70 | 1.00 | 0.006e | 0.11 | 0.4 |
| 26 (4995) | 97.20 | 97.40 | 0.20 | 0.18 | <0.10 | 9.6 |
| 30 (5016) | Barren | | | | | |
| 31 (5017) | No sample | | | | | |
| 31-A (5017) | No sample | | | | | |

Not logged

Barren

Barren

No sample

No sample

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Table 3--Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued.
Assay data

| Hole No. and collar elev. (feet) | Depth in feet | | Thickness (feet) | Percent | | Thickness (feet) | Depth in feet | | Percent eU ₃ O ₈ | Thickness (feet) | | |
|--|------------------|------------------|---------------------|-------------------------------|-------------------------------|---------------------|-------------------|------|---|---------------------|------------|------------|
| | From | To | | U ₃ O ₈ | V ₂ O ₅ | | CaCO ₃ | From | | To | | |
| Other holes--Continued | | | | | | | | | | | | |
| W-45 (4922) | 1 50 | 3 50 | 2.0 | 0.10 | 0.14 | 11.6 | | | 0.027 | 1.9 | 3.4 | 1.5 |
| 53 (4989) | No sample | | | | | | | | 0.030 | 35.7 | 36.7 | 1.0 |
| 58 (4949) | No sample | | | | | | | | 0.023 0.050 | 5.2 6.5 | 6.5 7.8 | 1.3 1.3 |
| 61 (4949) | 48.05 | 48.90 | 0.85 | 0.015 | 0.12 | 4.0 | | | Barren | | | |
| W-63 (4949) | No sample | | | | | | | | 0.020 | 8.0 | 8.7 | 0.7 |
| 67 (4940) | 166.75 167.00 | 167.00 167.20 | 0.25 0.20 | 0.020e 1.18 | <0.10 0.17 | Undet 1.0 | | | 0.067 | 166.7 | 167.6 | 0.9 |
| W-70 (4962) | Barren | | | | | | | | 0.053 | 36.5 | 37.5 | 1.0 |
| W-76 (4853) | Barren | | | | | | | | 0.032 | 9.5 | 10.3 | 0.8 |
| 77 (4865) | 226.25 | 226.75 | 0.50 | 0.040 | <0.10 | 3.2 | | | Not logged | | | |
| | 232.10 | 233.20 | 1.10 | 0.025e | <0.10 | Undet | | | | | | |

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Table 3. Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued.
Assay data
Gamma-ray data

| Hole No. and collar elev. (feet) | Depth in feet | | Thickness (feet) | Percent | | Thickness (feet) |
|--|---------------|--------|---------------------|-------------------------------|-------------------------------|---------------------|
| | From | To | | U ₃ O ₈ | V ₂ O ₅ | |
| Other holes--Continued | | | | | | |
| W-116 (4860) | 14.00 | 16.00 | 2.00 | 0.007e | 0.18 | Undet |
| | 16.00 | 17.00 | 1.00 | 0.024e | 0.11 | Undet |
| | 17.00 | 19.10 | 2.10 | 0.037 | 0.41 | 2.64 |
| | 19.10 | 20.00 | 0.90 | 0.016e | 0.25 | Undet |
| | 20.00 | 23.00 | 3.00 | 0.004e | 0.18 | Undet |
| 118 (4845) | 111.90 | 113.20 | 1.30 | 0.009e | 0.31 | Undet |
| 126 (4803) | No sample | | | | | |
| 129-A (4850) | 44.20 | 44.45 | 0.25 | 0.008e | 0.31 | Undet |
| | 44.45 | 44.60 | 0.15 | 0.077 | 9.11 | 0.9 |
| 132 (4825) | Barren | | | | | |
| 136 (4835) | 190.60 | 191.20 | 0.60 | 0.16 | <0.10 | 18.2 |
| | | | | | | |
| W-159 (4960) | Barren | | | | | |
| | | | | | | |
| W-161 (4956) | No sample | | | | | |
| | | | | | | |

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Table 3. Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued.
Assay data

| Hole No. and collar elev. (feet) | Depth in feet | | Thickness (feet) | Percent | | Thickness (feet) | Depth in feet | | Percent U ₃ O ₈ | Thickness (feet) |
|--|---------------|-------|---------------------|-------------------------------|-------------------------------|---------------------|-------------------|------|--|---------------------|
| | From | To | | U ₃ O ₈ | V ₂ O ₅ | | CaCO ₃ | From | | |
| Other holes--Continued | | | | | | | | | | |
| W-179 (4955) | 45.00 | 48.00 | 3.00 | 0.023 | <0.10 | 2.1 | 47.4 | 48.1 | 0.41 | 0.7 |
| | 48.00 | 48.50 | 0.50 | 0.13 | 0.11 | 0.9 | | | | |
| | 48.50 | 49.00 | 0.50 | 0.020 | <0.10 | 0.5 | | | | |
| W-182 (4987) | 6.00 | 9.00 | 3.00 | 0.011e | 0.20 | Undet | 8.4 | 9.0 | 0.12 | 0.6 |
| 182 *(5045) | No sample | | | | | | 21.8 | 22.8 | 0.046 | 1.0 |
| | | | | | | | 24.2 | 25.4 | 0.026 | 1.2 |
| | | | | | | | 28.0 | 28.9 | 0.020 | 0.9 |
| W-188 (4993) | Barren | | | | | | 95.4 | 96.4 | 0.026 | 1.0 |
| W-204 (4984) | Barren | | | | | | 55.8 | 56.5 | 0.16 | 0.7 |
| W-217 (4925) | 9.00 | 12.00 | 3.00 | 0.006 | 0.11 | Undet | 10.2 | 11.5 | 0.022 | 1.3 |
| W-223 (4942) | 21.00 | 24.00 | 3.00 | 0.020e | <0.10 | Undet | 21.9 | 23.0 | 0.049 | 1.1 |
| | 30.00 | 33.00 | 3.00 | 0.011e | 0.11 | Undet | 23.4 | 24.2 | 0.042 | 0.8 |
| | | | | | | | 33.9 | 34.7 | 0.021 | 0.8 |

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Table 3.--Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued,
Gamma-ray data

| Hole No. and collar elev. (feet) | Assay data | | | Gamma-ray data | | |
|--|-----------------------|--------|---------------------|--|--|-------------------|
| | Depth in feet From | To | Thickness (feet) | Percent U ₃ O ₈ | Percent V ₂ O ₅ | CaCO ₃ |
| Other holes--Continued | | | | | | |
| W-232 (4954) | Barren | | | | | |
| W-234 (4954) | Barren | | | | | |
| W-237 (4851) | 90.00 | 93.00 | 3.00 | 0.006e | 0.22 | Undet |
| 238 *(4955) | 41.80 | 42.10 | 0.30 | 0.30 | <0.10 | 1.5 |
| 239 *(5064) | 168.35 | 168.60 | 0.25 | 0.056 | <0.10 | 15.4 |
| 243 *(5033) | 139.50 | 140.70 | 1.20 | 0.014e | 0.14 | Undet |
| 254 *(4940) | No sample | | | | | |
| 261 *(4892) | 17.80 | 18.50 | 0.70 | 0.027e | <0.10 | Undet |
| W-288 (4980) | 18.00 | 21.00 | 3.0 | 0.032e | <0.10 | Undet |

| Hole No. and collar elev. (feet) | Depth in feet | | Thickness (feet) | Percent eU ₃ O ₈ | Depth in feet | | Thickness (feet) |
|--|---------------|----|---------------------|---|---------------|-------|---------------------|
| | From | To | | | From | To | |
| W-232 (4954) | | | | 0.030 | 41.7 | 43.0 | 1.3 |
| W-234 (4954) | | | | 0.032 | 48.8 | 50.4 | 1.6 |
| W-237 (4851) | | | | 0.022 | 67.2 | 68.3 | 1.1 |
| 238 *(4955) | | | | 0.030 | 92.4 | 93.0 | 0.6 |
| 239 *(5064) | | | | 0.040 | 41.3 | 42.2 | 0.9 |
| 243 *(5033) | | | | 0.033 | 167.5 | 168.6 | 1.1 |
| 254 *(4940) | | | | 0.092 | 140.7 | 141.5 | 0.8 |
| 261 *(4892) | | | | 0.044 | 11.0 | 12.0 | 1.0 |
| W-288 (4980) | | | | 0.12 | 17.2 | 17.8 | 0.6 |
| | | | | 0.068 | 19.5 | 20.8 | 1.3 |

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Table 3.—Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued.

| Hole No. and collar elev. (feet) | Depth in feet | | Thickness (feet) | Percent | | Thickness (feet) |
|--|---------------|-------|---------------------|-------------------------------|-------------------------------|---------------------|
| | From | To | | U ₃ O ₈ | V ₂ O ₅ | |
| Other holes--Continued | | | | | | |
| W-290 (4986) | Barren | | | | | |
| W-319 (4953) | 65.30 | 66.00 | 0.70 | 0.012e | 0.13 | Undet |
| | 66.00 | 67.00 | 1.00 | 0.007e | 0.11 | Undet |
| 350 (4898) | Barren | | | | | |
| 351 (4924) | Barren | | | | | |
| W-352 (4983) | Barren | | | | | |
| W-359 (4854) | No sample | | | | | |

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Table 3.—Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah—Continued,
Gamma-ray data

| Hole No. and collar elev. (feet) | Depth in feet | | Thickness (feet) | Percent | | Thickness (feet) | Percent U ₃ O ₈ | Depth in feet | | Thickness (feet) |
|--|---------------|--------|---------------------|-------------------------------|-------------------------------|---------------------|--|-------------------|-------|---------------------|
| | From | To | | U ₃ O ₈ | V ₂ O ₅ | | | CaCO ₃ | From | |
| Other holes--Continued | | | | | | | | | | |
| 365 (4875) | 94.70 | 95.00 | 0.30 | 2.94 | 5.34 | 2.5 | 0.68 | 95.2 | 96.0 | 0.8 |
| | 95.00 | 95.20 | 0.20 | 0.080 | 0.60 | 8.3 | | | | |
| | 95.20 | 95.80 | 0.60 | 0.011e | 0.17 | Undet | | | | |
| | 95.80 | 96.10 | 0.30 | 0.017e | 0.17 | Undet | | | | |
| | 96.10 | 96.30 | 0.20 | 0.010e | 0.14 | Undet | | | | |
| 378 (4939) | 146.00 | 147.00 | 1.00 | 0.025e | <0.10 | Undet | .063 | 146.7 | 148.0 | 1.3 |
| | 147.00 | 147.30 | 0.30 | 0.062 | <0.10 | 2.3 | | | | |
| W-380 (4927) | 30.00 | 33.00 | 3.00 | 0.022e | 0.11 | Undet | 0.060 | 31.7 | 32.9 | 1.2 |
| | 33.00 | 36.00 | 3.00 | 0.024e | 0.20 | Undet | | | | |
| 386 (4899) | 20.70 | 20.80 | 0.10 | 0.14 | 0.35 | 6.0 | Barren | 33.4 | 34.2 | 0.8 |
| 393 (4907) | 88.70 | 90.20 | 1.50 | 0.009e | 0.10 | Undet | 0.024 | 87.5 | 89.6 | 2.1 |
| | 90.20 | 91.20 | 1.00 | 0.014e | 0.29 | Undet | | | | |
| 399 (4941) | No sample | | | | | | 0.020 | 183.1 | 184.1 | 1.0 |
| W-406 (4981) | Barren | | | | | | 0.021 | 22.1 | 23.7 | 1.6 |
| 425 (5024) | No sample | | | | | | 0.13 | 98.8 | 99.7 | 0.9 |
| 444 *(5231) | No sample | | | | | | 0.042 | 24.4 | 25.2 | 0.8 |

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Table 3.--Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued.

| Hole No., and collar elev. (feet) | Assay data | | | Gamma-ray data | | |
|---|-----------------------|-------|---------------------|--|--|-------------------|
| | Depth in feet From | To | Thickness (feet) | Percent U ₃ O ₈ | Percent V ₂ O ₅ | CaCO ₃ |
| Other holes--Continued | | | | | | |
| W-484 *(4995) | 6.00 | 9.00 | 3.00 | 0.026e | 0.11 | Undet |
| | 12.00 | 15.00 | 3.00 | 0.016e | 0.11 | Undet |
| W-504 *(5009) | Barren | | | | | |
| W-574 *(5032) | Barren | | | | | |
| 591 (4858) | 24.90 | 25.20 | 0.30 | 0.011e | 0.21 | Undet |
| | 25.20 | 25.90 | 0.70 | 0.30 | 0.98 | 12.4 |
| 607 (4885) | 9.60 | 9.90 | 0.30 | 0.070 | 1.20 | 0.6 |
| | 11.30 | 11.60 | 0.30 | 0.019e | 2.55 | 2.0 |
| | 11.60 | 11.90 | 0.30 | 0.015e | 2.26 | 6.0 |
| | 11.90 | 12.20 | 0.30 | 0.015e | 1.10 | 6.0 |
| W-622 *(5005) | Barren | | | | | |
| W-623 *(5086) | Barren | | | | | |

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Table 3.--Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued.

| Hole No. and collar elev. (feet) | Assay data | | | | Percent eU ₃ O ₈ | Depth in feet | | Thickness (feet) | |
|--|---------------|--------|---------|--------|---|---------------|----------------|---------------------|------------|
| | Depth in feet | | Percent | | | From | To | | |
| Other holes--Continued | | | | | | | | | |
| 629 (4908) | 121.40 | 121.70 | 0.30 | 0.028e | <0.10 | Undet | 119.9 | 121.4 | 1.5 |
| | 137.30 | 137.90 | 0.60 | 0.045 | <0.10 | 4.7 | 136.7 137.6 | 137.6 138.7 | 0.9 1.1 |
| 643 (4877) | No sample | | | | | | 122.9 | 124.2 | 1.3 |
| W-643 *(4949) | Barren | | | | | | 6.5 | 7.2 | 0.7 |
| 665 (4874) | No sample | | | | | | 106.1 | 107.1 | 1.0 |
| 666 (4869) | 88.20 | 88.80 | 0.60 | 0.022 | 0.17 | 4.7 | 87.3 | 88.2 | 0.9 |
| W-675 *(4810) | Barren | | | | | | 13.5 | 14.5 | 1.0 |
| 679 (4852) | No sample | | | | | | 248.2 | 249.0 | 0.8 |
| 680 (4848) | 221.00 | 221.6 | 0.6 | 0.28 | 0.19 | 3.1 | 221.1 | 221.8 | 0.7 |
| | | | | | | | 228.2 | 229.5 | 1.3 |
| W-683 *(4778) | No sample | | | | | | 10.3 | 10.9 | 0.6 |

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Table 3.--Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued.

| Hole No. and collar elev. (feet) | Assay data | | | | | Gamma-ray data | | | |
|--|-----------------------|--------|---------------------|--|--|-------------------|-----------------------|-------|---------------------|
| | Depth in feet From | To | Thickness (feet) | Percent U ₃ O ₈ | Percent V ₂ O ₅ | CaCO ₃ | Depth in feet From | To | Thickness (feet) |
| Other holes--Continued | | | | | | | | | |
| 693 (4810) | 240.00 | 240.30 | 0.30 | 0.047 | 0.53 | 2.8 | 237.8 | 238.8 | 1.0 |
| 737 (4766) | 35.20 | 35.80 | 0.60 | 0.037 | 0.56 | 5.4 | 33.9 | 35.9 | 2.0 |
| 769 (4852) | 19.90 | 20.30 | 0.40 | 0.11 | 4.78 | 0.3 | 19.3 | 20.1 | 0.8 |
| 772 (4856) | 25.3 | 26.2 | 0.90 | 0.010e | 0.88 | 11.5 | 24.8 | 25.6 | 0.8 |
| 773 (4858) | 26.30 | 26.60 | 0.30 | 0.22 | 1.05 | 13.8 | 26.0 | 26.7 | 0.7 |
| | 26.60 | 26.90 | 0.30 | 0.022e | 0.38 | Undet | | | 121 |
| 784 *(4900) | No sample | | | | | | 35.1 | 35.6 | 0.5 |
| 787 (4866) | No sample | | | | | | 89.6 | 90.4 | 0.8 |
| 789 (4878) | No sample | | | | | | 106.1 | 106.8 | 0.7 |
| 792 (4852) | No sample | | | | | | 225.3 | 226.6 | 1.3 |
| 794 *(4901) | No sample | | | | | | 16.3 | 16.9 | 0.6 |

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Table 3.---Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah---Continued, Gamma-ray data

| Hole No., and collar elev. (feet) | Depth in feet | | Thickness (feet) | Percent | | Depth in feet | | Thickness (feet) |
|---|---------------|--------|---------------------|-------------------------------|-------------------------------|---------------|-------|---------------------|
| | From | To | | U ₃ O ₈ | V ₂ O ₅ | From | To | |
| Other holes--Continued | | | | | | | | |
| 795 *(4900) | No sample | | | 0.023 | | 15.9 | 16.7 | 0.8 |
| 797 *(4898) | 20.10 | 20.70 | 0.60 | 0.31 | 1.92 | 19.6 | 20.5 | 0.9 |
| | 21.0 | 21.5 | 0.50 | 0.073 | 0.23 | | | |
| 798 *(4898) | No sample | | | 0.023 | | 17.7 | 19.3 | 1.6 |
| 799 *(4896) | No sample | | | 1.2 | | 17.5 | 18.1 | 0.6 |
| 809 *(4893) | No sample | | | 0.022 | | 21.7 | 23.0 | 1.3 |
| 810 *(4892) | 22.50 | 22.80 | 0.30 | 0.050 | 0.21 | 22.1 | 23.9 | 1.8 |
| | 24.00 | 24.30 | 0.30 | 0.035 | <0.10 | | | |
| 811 (4849) | 219.60 | 220.00 | 0.40 | 0.10 | 1.41 | 218.6 | 219.3 | 0.7 |
| | 220.00 | 220.20 | 0.20 | 0.038 | 0.46 | | | |
| 813 *(4893) | 13.60 | 13.90 | 0.30 | 0.039 | 1.00 | 12.9 | 13.9 | 1.0 |
| | | | | | | 18.8 | 19.6 | 0.8 |

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Table 3.--Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah--Continued.
Assay data

| Hole No. and collar elev. (feet) | Depth in feet | | Thickness (feet) | Percent | | Thickness (feet) | Depth in feet | | Percent U ₃ O ₈ | Thickness (feet) | |
|--|---------------|--------|---------------------|-------------------------------|-------------------------------|---------------------|---------------|-------|--|---------------------|------|
| | From | To | | U ₃ O ₈ | V ₂ O ₅ | | From | To | | From | To |
| Other holes--Continued | | | | | | | | | | | |
| 833 (4855) | 261.00 | 261.60 | 0.60 | 0.044 | <0.10 | 5.0 | 260.2 | 261.0 | 0.023 | 261.0 | 0.8 |
| | 261.90 | 262.2 | 0.30 | 0.047 | <0.10 | 6.6 | 261.0 | 261.7 | 0.060 | 261.7 | 0.7 |
| 836 *(4929) | No sample | | | | | | 16.6 | 17.2 | 0.029 | | 0.60 |
| 838 *(4880) | No sample | | | | | | 21.1 | 21.9 | 0.023 | | 0.8 |
| 841 *(4890) | No sample | | | | | | 25.4 | 26.3 | 0.025 | | 0.9 |
| 850 *(4890) | 15.30 | 15.70 | 0.40 | 0.020e | <0.10 | Undet | 14.5 | 15.7 | 0.026 | 15.7 | 1.2 |
| | 15.70 | 16.40 | 0.70 | 0.025e | <0.10 | Undet | 18.0 | 18.9 | 0.028 | 18.9 | 0.9 |
| | | | | | | | 19.3 | 20.4 | 0.039 | 20.4 | 1.1 |
| | | | | | | | 27.1 | 28.0 | 0.020 | 28.0 | 0.9 |
| 856 *(4907) | No sample | | | | | | 10.9 | 11.6 | 0.026 | 11.6 | 0.7 |
| | | | | | | | 12.6 | 13.5 | 0.022 | 13.5 | 0.9 |
| 878 (4818) | 90.20 | 90.60 | 0.40 | 0.023e | <0.10 | Undet | 54.5 | 55.3 | 0.035 | 55.3 | 0.8 |
| | | | | | | | 89.4 | 90.4 | 0.049 | 90.4 | 1.0 |

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Table 3 --- Assay data, Yellow Cat and Squaw Park areas, Thompson district, Grand County, Utah---Continued, Gamma-ray data

| Hole No., and collar elev. (feet) | Other holes--Continued | Depth in feet | | Thickness (feet) | Percent | | | Thickness (feet) |
|---|------------------------|------------------|------------------|---------------------|-------------------------------|-------------------------------|-------------------|---------------------|
| | | From | To | | U ₃ O ₈ | V ₂ O ₅ | CaCO ₃ | |
| 879 (4815) | Barren | | | | | | | |
| 909 (4829) | | 76.40 76.70 | 76.70 77.60 | 0.30 0.90 | 0.032 0.39 | 0.36 0.66 | 0.5 7.6 | 0.7 |
| 915 (4820) | | 56.00 | 56.60 | 0.60 | 0.064 | <0.10 | 3.4 | 1.3 |
| | | | | | | | | 1.5 |
| | | | | | | | | 1.2 |
| | | | | | | | | 1.2 |
| 938 (4796) | | 273.80 274.10 | 274.10 274.30 | 0.30 0.20 | 0.004e 0.024e | 0.10 0.51 | Undet 3.2 | 0.7 |
| | | 330.00 330.60 | 330.60 330.80 | 0.60 0.20 | 0.012e 1.45 | 0.20 0.82 | Undet 9.5 | 0.6 |
| 943 (5099) | Barren | | | | | | | 0.8 |
| 970 (4963) | No sample | | | | | | | 0.3 |

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