Resource Assessment

# Bhukia North Central Block

Sub: Supplementary report in respect Bhukia North Central Block

While scrutiny of the gold exploration reports for conversion of IBM NMI format as well as for compilation under item No 28 of Fs 2010-12, it was observed the resource calculation in the following reports pertaining to FS:1994-97 was not attempted, inspite of intersection of significant mineralisation zones and encouraging assay values above **0.5ppm cut off grade** over **stoping width of 1m** in Borehole No:BHU- 13A, 19, 28, 33, and 35.

On my personal initiation, in the large interest of Government work it was decided to calculate the gold and copper ore resources in the North Central Block for augmentation of resources of the Bhukia prospect and the State / Nation. **The resource estimation has resulted a 2.16mt (2155486.442 tons) ore with 3.85 tons of gold metal and 2709 tons of copper, 349.22 tons of cobalt and 142.28 tons of nickel. The average grade is 1.78 g/t of Au.**

1. "Investigation for gold in Anandpuri -Bhukia area, Banswara district, Rajasthan. Unpublished GSI report, FS 1996-97. Garhia, S. S., Jat, R. L., Nagar R.P.and Sivasankaran S. S. (2001)".

2. "Exploration for gold in west, central and North Blocks, Bhukia-Jagpura prospect, Banswara district, Rajasthan Grover, A.K., Prabhakara, K. and Jat, R.L.(1999b)". Unpublished GSI report FS 1995 – 96.and

3. "Exploration for gold in Bhukia-Jagpura area, Banswara district, Rajasthan. . Unpublished GSI report, FS 1994 – 95 Grover, A.K. Verma, R.G, and Golani, P. R. (1999a)".

In this report the main thrust is on calculation of gold , copper mineralised zones, preparation of level plans, LV sections, estimation of resources and digitization of detailed Geological map and other plates and presentation of the results, which was the objective of the item during exploration. The lithologs and assay values of core samples are presented as reported in the above mentioned reports for reference.

The draft report entitled "Supplementary report on resource estimation for gold and associated copper in North Central Block of Bhukia Prospect, Banswara district, Rajasthan" for FS 1994-97 is enclosed herewith for scrutiny and approval.

M.Karunaker Reddy 15/2/11
Director
Project Gold

Submitted to Dy. Director General, for approval,

For Comments
15/2/11
Director (TC-II)

# Supplementary report on resource estimation for gold and associated copper in North Central Block of Bhukia Prospect, Banswara district, Rajasthan

(FS 2010-12)

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# Supplementary report on resource estimation for gold and associated copper in North Central Block of Bhukia Prospect, Banswara district, Rajasthan

(Supplementary Report for the F. S. 2010-12)

## ABSTRACT

Exploration for gold mineralisation in Bhukia Northcentral Block, Banswara district, Rajasthan has been taken-up to test the sub-surface continuity of the two mineralised zones (*numbered, I and II from east to west*), delineated on the basis of surface geological and geochemical attributes. These zones are characterised by the presence of gossans and old workings. In this report the main thrust is on calculation of gold , copper mineralised zones, preparation of level plans, LV sections, estimation of resources and digitization of detailed Geological map and other plates and presentation of the results. The lithologs and assay values of core samples are presented as reported in the previous reports (Grover et al 1999a, 1999b and Garhia et al 2001) for reference.

The Bhukia North central Block area is comprised of volcano-sedimentary sequence and exhibit mainly amphibole quartzite, dolomitic marble, quartz-mica schist, keratophyre and amphibolite of the Jagpura Formation of Debari Group belonging to the Aravalli Supergroup. Pegmatites and quartz veins of varying dimensions intrude these rocks. The rocks have been metamorphosed upto upper green schist facies.

Structural elements related to three deformation events ($D_1$, $D_2$ and $D_3$) have been identified in the area. The first deformation event, $D_1$ produced most conspicuous and widespread $S_1$ schistosity plane, almost parallel to the bedding ($S_0$). The $S_1$ plane, in general, trends NW–SE to E-W. Tight isoclinal to reclined folds ($F_1$), at times rootless to interafolial, also belong to $D_1$ event of deformation. The second deformation event $D_2$ is represented by asymmetrical to overturned tight isoclinal folds of doubly plunging nature. This event produced shear planes, parallel to the axial planes of the $F_2$ folds. The mineralised zones, as mentioned above, are aligned along these shear planes. Last deformation event, $D_3$, is represented by open to broad warps ($F_3$) with moderately inclined axial planes.

A total of seven boreholes have been drilled to intersect the mineralisation zones I and II at 100m interval. A total of 1445.45m of drilling along the have

been carried out with collection of 605 nos. of core samples. The boreholes BHU-13A, 19, 28, 33 and 35 proved the subsurface continuity of the mineralized zones. No significant mineralisation zone has been intersected in boreholes BHU-21 and NCB-9.

Analytical results of core samples of boreholes BHU-13A, 19, 28, 33 and 35 have indicated 1.00m to 7.35m thick gold zones with an average gold content ranging from 0.58 ppm to 10.27 ppm at 0.5 ppm cut-off. As the resource estimation was not attempted during FS 1994-95 to 1996-97, the same is calculated for resource augmentation in Bhukia Gold prospect.

Based on the gold assay results of core samples of boreholes BHU-13A, 19, 28, 33 and 35, a total of 2.16 million tons of inferred mineral resources with average grade of gold 1.78 g / t, copper 0.126%, Cobalt 162 g / t and Nickel 66 g / t have been calculated. The study of resource distribution data of gold verses with other metals indicate the copper is most preferred and abundant metal followed by Co and Ni. As per UNFC the stage of exploration is prospecting (G3) and category of resource is inferred mineral resource and the code is STD 333 (E3, F3, G3).

# Supplementary report on resource estimation on exploration for gold and associated copper in North Central Block of Bhukia Prospect, Banswara district, Rajasthan

## 1. INTRODUCTION

After the discovery of gold- copper mineralisation during the FS 1991-92 in Jagpura Formation of Debari Group (Aravalli Supergroup), extensive and intensive surface and subsurface exploration was initiated to delineate auriferous zones. As a sequel to this, in pursuance of FS 1994-95 the G-3 Stage investigation for gold and associated basemetals involving detailed mapping, pitting and trenching was taken up in Bhukia North central Block.

Based on favourable lithology, structural controls, surface manifestations and encouraging assay values in two zones, the subsurface exploration was launched in the block to find strike and depth continuity of mineralisation zone-I during FS 1994-95 and completed 417.10 m drilling in Boreholes BHU-13,13A, 19 and 21. During FS 1995-96 a total of 476.45m drilling was carried out in boreholes BHU-19, 21 and 28. In view of promising mineralisation zones and encouraging assay values in previous boreholes the subsurface exploration was continued to test the strike and depth continuity of mineralisation zone-II during FS 1996-97 with drilling of about 552.40m in BHU-33, 35 and NCB-9 boreholes. But after regrouping of block during F.S. 97-98, the area explored by NCB-9 was considered to be included in Timaran Mata west block.

The mineralisation zones were intersected in all boreholes at anticipated depths except BHU-21, which was barren.

**Location of the prospect:** Survey of India Toposheet 46 I/ 5 (Lat. 23° 50'41" to 23°51'04": Long.74° 21'52" to 74°21'58"), Ghatol Tehsil, Banswara District, Rajasthan.

**Nature and quantum of work:**

| Nature of work | Achievement |
|---|---|
| Detailed mapping (1:2000) | 0.25 sq. km |
| Drilling | 1445.45m. |
| Core samples | 605 nos. |

## 2. GEOLOGY

The major part of the north-central block was covered by detailed mapping on 1:2000 scale during F.S. 1993-94 (Grover and Verma, 1994; Grover et.al.1998 and 1999). An area of 0.25 sq. km was covered by detailed geological mapping on 1:2000 scale between triangulation station Δ AD in the southeast to Δ T-5 in the northwest during FS 1996-97. The mapped area occurs in the northern part of the Bhukia area, just south of Jagpura village. Dolomitic marble, quartzite, keratophyre and schist are the main rock types exposed in the area. Generalised lithostratigraphy of Bhukia North central block is as follows:-

Generalised lithostratigraphy of Bhukia North central block

| | |
|---|---|
| Gossan | |
| Quartz vein / Pegmatite | |
| Dolomitic marble | **DEBARI GROUP** |
| Quartzite | **(= ARAVALLI SUPERGROUP)** |
| Keratophyre | |
| Quartz- muscovite schist | |

---------- TECTONIC ONTACT ----------

Staurolite -mica schist = **(Mangalwar Complex)**

The lithounits are intruded by pegmatite, quartz vein and rarely by calcite veins. The description of lithounits is given below.

### Quartz- muscovite schist

It is exposed in the northern and eastern parts of the area. It is pale-greenish to grey and it contains quartz, muscovite, sericite and chlorite as major minerals of the rock. It is coarse grained and at places, contains big porphyroblasts of garnet in a well-foliated micaceous matrix. It forms low rolling mounds, especially where it is intruded by quartz - veins and pegmatite.

### Keratophyre

It is exposed in the northeastern part of the area as a mapable unit. Two concordant bands of these rocks, disposed parallel to litho contacts, are mapped. Besides these, a thin (1-5 m) band of this rock is also noticed running parallel to the lithocontacts to the north of triangulation points ΔAG & ΔAF within dolomite-marble unit. The most prominent feature of these rocks is their laminated nature. These are fine grained and greenish - grey in colour. It consists of amphiboles (actinolite hornblende) and plagioclase. Quartz, opaques, calcite and tourmaline occur as accessory mineral.

Occasionally muscovite and biotite are present as alteration product giving the rock a schistose appearance.

**Quartzite**

It is exposed in the north-central part of the area and is generally light grey to pinkish grey, massive and medium to coarse grained. Thinly bedded nature of quartzite could be seen only near triangulation stations ΔAG and ΔT-6. It consists primarily of inequigranular anhedral grains of quartz with subordinate amphiboles, felspar and muscovite. Tourmaline and sphene are present as accessory minerals. Quartzite contains lot of amphiboles especially near shear surface. Weathering of amphiboles seems to impart a ferruginous spongy appearance to this quartzite, especially near Δ stationT-6. Near Δ T-2, rafts of massive quartzites are found within dolomite - marble unit. Quartzite forms prominent ridges in the area.

**Dolomitic marble**

It is exposed in the southern part of the area and forms flanks of ridges. It is fine to coarse grained, white to pale grey, brown and shows typical "elephant skin weathering". It consists of carbonates with minor amount of amphiboles and quartz. Amphiboles are generally light-green (tremolite) but dark green amphiboles (hornblende) are also present within dolomite-marble. Leaching of sulphides, at places, imparts a vuggy nature to dolomitic marble.

**Pegmatite**

Pegmatite is exposed mostly in the central and north-central parts of the area mapped. It occurs as N-S trending thin linear body parallel to $S_2$ planes. It is generally coarse grained, dull white in colour and it consists of pale to pinkish perthite and grey quartz with subordinate amounts of tourmaline and microcline.

**Quartz Vein**

Quartz veins are exposed in schistose part of the mapped area. These are, usually of small dimension and contain milky white quartz, which are rarely ferruginised (e.g. near 100 m SE of Δ station T-2).

**Gossan**

Gossans are exposed in the northeastern part of the area mapped as NNW-SSE to N-S trending lensoid body within dolomitic marble. These are massive, compact and hard in nature and mostly devoid of boxworks. They range in colour from ocherous-yellow to brownish black.

## 3. STRUCTURE

The rocks bear imprints of multiphase deformation ($AF_1$, $AF_2$ and $AF_3$) and upper green schist to lower amphibolite facies of metamorphism. The penetrative to pervasive schistosity / foliation ($S_1$ parallel to $S_0$) oriented parallel to lithocontacts represents the planar fabric generated during the first phase of deformation. The form surfaces developed during AF1-deformation have been refolded into a series of doubly plunging synforms and antiforms. The mapped area includes one such antiform and synform.

### Schistosity ($S_2$)

The schistosity is marked by well-developed preferred orientation of the mafic minerals in schists. About 100 m south of station ΔT-12, well-developed crenulation cleavages in schists are parallel to $S_2$ schistosity.

### Schistosity ($S_3$)

The wide spaced fracture cleavages are present in all rock types. They generally trend NE-SW and dip steeply towards SE. These are parallel to axial planes of open warp ($F_3$) and represent $S_3$ in the area.

### Shears

The area is intensely deformed and several parallel to subparallel shears are present into the area. They are parallel to the axial surface of ($F_2$) folds and are very important from the point of view of mineralisation. Most of the shears run in N-S direction and dips steeply towards west.

### Faults

Faults are very difficult to be deciphered in the field because of absence of marker horizons in the area. A small fault, trending ENE-WSW has been observed approximately 100 m NW of station ΔT-6. It is parallel to $S_3$ plane and has sinistral lateral movements.

## 4. MINERALISATION:

The evidences of mineralisation in the north central block occur in the form of old pits, old mines, gossans, sulphides and malachite specks. Gold values ranging from 0.010 ppm to 1.52 ppm and copper values ranging from 50 ppm to

0.82% have been recorded from along groove line (GSL-XIV), 10m south west of station ΔAD by earlier workers (Grover & Verma, 1994).

**Old working**

Many old workings of variable dimensions have been observed in the mapped area. These mines are, in general, aligned in NNW-SSE to N-S direction along 2 to 3 sub-parallel to parallel zone. One group of old workings is aligned NW-SE. Most of these workings are small and shallow in this part of the area. The length of old workings varies from a few metres to 20 metres. Although individual old workings are small, these old workings contain gossan bands and sulphide mineralisation in appreciable quantities.

**Gossan**

Gossans occur in the mapped area as thin lenses intercalated within dolomitic marble. These lenses show pinching and swelling characters. Individual lenses are rarely more than 1 m. but cumulative width of these lenses near old working is appreciable (5-20 m). Gossan lenses are localised along lithocontacts mainly dolomite - quartzite contacts and along axial plane shears of $F_2$ folds.

The colour of gossan is variably ranging from pale-yellow to brown, black, orange, maroon and red. Specks of sulphides mainly pyrrhotite, arsenopyrite and chalcopyrite are rarely observed. However, cubic, square and irregular voids are common. Box work is not so well developed. At places, massive gossan comprising mainly goethite and limonite are observed. It shows botryoidal structure and is very hard. Malachite, azurite, sericite, mica, quartz and calcite are other important minerals present in the gossan in this area.

## 5. SUB-SURFACE EXPLORATION

Detailed mapping on 1:2000 scale was carried out in earlier field season, (1992-93 to 1995-96) in most of the area and surface geochemical samples were collected along a few groove/trench lines. First mineralised zone was explored by drilling borehole BHU-13, BHU-13A, BHU-19 and BHU-28(Grover et.al. 1998 and 1999). Second mineralised zone was also explored by drilling borehole BHU-33, BHU-35 and NCB-9(FS1996-97). The mineralisation zones were intersected in all boreholes at anticipated depths except BHU-21, which was barren.

Sub-surface exploration for gold in this block during FS 1996-97 was carried out by drilling three boreholes viz. BHU-33, BHU-35 and NCB-9. Boreholes BHU-33, BHU-35 and BHU-21 were planned to intersect the second mineralised zone occurring in the western part of the north-central block, whereas NCB-9 was drilled to see the northern strike continuity of the same zone. But after regrouping of block during F.S. 97-98, the area explored by NCB-9 was considered to be included in Timaran Mata west block.

**Sulphide zones intersected in boreholes of Bhukia North central Block**

| B. H. No. | Depth (m) | | Visual estimate of sulphides |
|---|---|---|---|
| | From | To | |
| BHU-13 A | 127.15 | 129.20 | Asp= 3%, Py = 3%, Pyrr & Cpy rare |
| | 135.00 | 136.85 | Asp= 3-8%, Py = 3-8%, Pyrr & Cpy rare |
| | 169.80 | 175.90 | Pyrr = 3%, Py = 2% |
| BHU-19 | 105.35 | 106.35 | Py = 8-10%, Asp = 5-8%, Cpy traces |
| | 213.50 | 215.30 | Pyrr = 2-3%, Asp = 3-4%, Cpy = 1%, Py = 2% |
| | 221.65 | 225.45 | Pyrr = 20%, Asp = 2-3%, Cpy = 1% |
| BHU-28 | 110.30 | 111.50 | Pyrr = 5-8%, Asp = 2-3%, Cpy = 1% |
| | 128.00 | 130.20 | Pyrr = 1%, Asp = 2-3%, Py = 1% |
| BHU-33 | 64.90 | 68.80 | Asp = 8-10%,Pyrr & Cpy rare |
| | 71.90 | 73.40 | Pyrr = 2-3%, Asp = 1-2%, Cpy rare |
| | 91.20 | 93.30 | Pyrr = 3-4%, Asp = 1-2%, Cpy rare |
| | 98.60 | 105.95 | Pyrr = 4-5%, Asp = 2-3%, Cpy rare |
| | 154.00 | 155.50 | Pyrr rare, Asp = 2-3% |
| BHU-35 | 161.20 | 168.40 | Asp = 8-10%,Pyrr & Cpy rare |
| | 169.60 | 172.75 | Asp = 1-2%,Pyrr = 1-2% |

(Asp :Arsenopyrite; Pyrr: Pyrrhotite; Cpy: Chalcopyrite; Py: Pyrite)

## 6. DELINEATION OF GOLD AND COPPER ZONES

Gold and copper assay values have been used to calculate the grade of zones at 0.5ppm and 0.10% cut-off respectively. Following assumptions have been followed while calculating the zones.

1. The grade of zone occurring towards hanging and footwalls of the mineralised zone was not allowed to fall below cut off grade.
2. The minimum width of the zones was kept 1.0 m.
3. The maximum width of partings was restricted to 1.0m.
4. Wherever core recovery is 75% or more, the core loss is assumed to have the same grade as that of the recovered portion.

Table-Gold zones at 0.5 ppm cutoff and 1.0m stoping width, Bhukia North central Block, Banswara district, Rajasthan

| B. H. No. | Depth along borehole (m) | | Width along B.H. (m) | Gold content (ppm) | Associated copper (%) | Associated Nickel (ppm) | Associated Cobalt (ppm) |
|---|---|---|---|---|---|---|---|
| | From | To | | | | | |
| BHU-13A | 124.60 | 126.80 | 2.20 | 3.91 | 0.06 | 43 | 99 |
| | 128.20 | 129.82 | 1.62 | 1.06 | 0.17 | 37 | 189 |
| | 169.80 | 172.40 | 2.60 | 0.97 | 0.03 | 63 | 44 |
| BHU-19 | 105.35 | 106.35 | 1.00 | 1.85 | 0.08 | 121 | 226 |
| | 191.00 | 192.05 | 1.05 | 0.97 | 0.003 | 25 | 13 |
| | 206.80 | 208.95 | 2.15 | 0.81 | 0.20 | 25 | 217 |
| | 212.60 | 215.30 | 2.70 | 3.69 | 0.28 | 64 | 342 |
| | 218.10 | 225.45 | 7.35 | 1.05 | 0.46 | 55 | 159 |
| | 232.45 | 233.85 | 1.40 | 1.23 | 0.03 | 70 | 254 |
| BHU-28 | 110.20 | 112.05 | 1.85 | 1.36 | 0.04 | 57 | 51 |
| | 115.65 | 119.95 | 4.30 | 0.77 | 0.01 | 50 | 24 |
| | 125.20 | 130.20 | 5.00 | 0.58 | 0.02 | 54 | 50 |
| | 139.55 | 143.55 | 4.00 | 0.96 | 0.13 | 96 | 112 |
| | 150.95 | 151.95 | 1.00 | 2.36 | 0.07 | 213 | 188 |
| BHU-33 | 99.40 | 101.15 | 1.75 | 2.18 | 0.62 | 71 | 273 |
| | 103.55 | 105.35 | 1.80 | 10.27 | 0.06 | 146 | 458 |
| | 131.15 | 132.35 | 1.20 | 1.67 | 0.04 | 56 | 125 |
| BHU-35 | 163.50 | 166.25 | 2.75 | 4.27 | 0.03 | 107 | 413 |

Table-Copper zones at 0.1 % cutoff and 1.0m stoping width, Bhukia North central Block, Banswara district, Rajasthan

| Borehole No. | Depth along borehole (m) | | Width along borehole (m) | Copper content (%) |
|---|---|---|---|---|
| | From | To | | |
| BHU-13A | 86.15 | 91.30 | 5.15 | 0.36 |
| | 127.15 | 129.20 | 2.05 | 0.24 |
| BHU-19 | 124.15 | 125.75 | 1.60 | 0.61 |
| | 206.80 | 209.60 | 2.80 | 0.19 |
| | 212.60 | 215.00 | 2.40 | 0.31 |
| | 219.20 | 225.80 | 6.60 | 0.51 |
| BHU-28 | 139.85 | 141.15 | 1.30 | 0.30 |
| BHU-33 | 97.90 | 100.90 | 3.00 | 0.47 |

## 7. RESOURCE ESTIMATION

Based on the boreholes BHU-13A, 19,28, 33 and 35 drilled in Bhukia North central Block and the Au-assay results, ore resource estimation has been attempted by cross section (CS) method. The resources have been estimated between 236 m RL and 12 m RL (about 200m vertically below surface) in boreholes BHU-13A, 19, 28, 33 and 35. The resources have been classified into inferred category of resources as per UNFC the stage of exploration is prospecting (G3).

**Hence, the resources calculated and enclosed in this report are of inferred mineral resource STD 333 (E3F3G3).**

Following assumptions have been used in calculation of ore resources: -

**Strike length**

(i) The borehole spacing is generally 100m, so the strike length is taken as 50 m either side of the borehole or half the distance between two adjacent boreholes, whichever is less.

(ii) Boreholes BHU-33, 35,13A and BHU-28 are located in the northwestern and southeastern parts of the block respectively, so the strike influence for these boreholes towards northwestern and southeastern side is 50 m.

**Dip length**

(i) All the boreholes show one level of intersection.

(ii) The dip length of the zones is taken as 50 m up and down dip of the intersection. Thus the maximum width is taken as 100m.

(iii) Where the zones are correlatable with surface zones (old workings/auriferous gossan) the up - dip length of the lode is taken upto the depth of 10 m (average depth of weathering) below the surface, while computing resources.

(iv) The dip of ore body is taken into account in calculating the length of the zones.

**Thickness of zones**

(i) Thickness of individual lode is determined in each borehole at 0.5 ppm cut off with minimum 1.0m stoping width.

(ii) While delineating the mineralised zones, it was carefully observed that none of the zones falls below 1.0m of stoping width.

(iii) True thickness of the zones has been calculated by using geological cross – sections. Borehole deviation has been considered for each section while computing the true thickness.

**Tonnage factor**

Based on the number of specific gravity measurements of gold zones intersected in different boreholes drilled in Bhukia gold prospect, the average tonnage factor is taken as 3.00.

**Ore resource**

Exploration data have established the presence of economically viable gold mineralisation in the Bhukia North central Block, Banswara district, Rajasthan. Based on the number of boreholes drilled and the Au-assay results, the insitu ore resources at 0.5ppm cut-off grade have been calculated by cross section method. However, for support the help of level plan was taken.

**Level plan**

Based on the surface geological map of Bhukia North central Block and subsurface intersection of sulphide zones, a level plan for mineralisation zones –I and II was prepared at 160 RL to elucidate the subsurface geology, nature of gold mineralization and its controls. The sulphide zones and gold zones were plotted. It is evident from the figures that the parallel to sub-parallel gold zones mainly occur along the axial plane parallel shears and do not exhibit any preferential concentration in a particular lithounit. The sulphide zones yield anomalous gold values; however, entire sulphide zones in many instances are not gold zones.

**Cross-section method**

The resources of individual zones in each borehole were calculated by cross section method. Overall in-situ resources and grade of the block have been estimated by adding the resources of all zones. The strike length of individual gold lode has been ascertained with the help of level plan. The volume of the lode is determined by multiplying strike with cross sectional area. The cross section area is estimated by multiplying true thickness with dip length of the lode.

Table: Details of gold lode, grade, thickness, dip length, tonnage and inferred category of resource at 0.5 ppm cutoff and 1.0 m stopping width by cross section method, Bhukia North central Block, Banswara district, Rajasthan

| B.H. No. | Lode depth (m) | | Thick-ness along B.H. (m) | True thick-ness (m) | Weighted average (ppm) | Intersection R.L. in m | | Dip length R.L. in m | | Dip length (m) | Strike length (m) | Tonn-age factor | Tonnage = 5x11x12x13 | Zone no. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | From | To | | | | Lower | Upper | Upper | Lower | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| BHU-13A | 124.60 | 126.80 | 2.20 | 1.96 | 3.91 | 123 | 122 | 220 | 76 | 154 | 105 | 3 | 95049.281 | I a |
| | 128.20 | 129.82 | 1.62 | 1.44 | 1.06 | 119 | 117 | 220 | 72 | 158 | 105 | 3 | 71808.778 | I b |
| | 169.80 | 172.40 | 2.60 | 2.32 | 0.97 | 86 | 84 | 218 | 40 | 198 | 105 | 3 | 144425.53 | I c |
| BHU-19 | 105.35 | 106.35 | 1.00 | 1.00 | 1.85 | 152 | 151 | 230 | 172 | 154 | 95 | 3 | 43890 | I a |
| | 191.00 | 192.05 | 1.05 | 1.00 | 0.97 | 92 | 91 | 236 | 42 | 204 | 103 | 3 | 63036 | I b |
| | 206.80 | 208.95 | 2.15 | 1.90 | 0.81 | 82 | 80 | 234 | 32 | 210 | 105 | 3 | 125490.44 | I c |
| | 212.60 | 215.30 | 2.70 | 2.38 | 3.69 | 77 | 76 | 232 | 28 | 214 | 105 | 3 | 160594.41 | I d |
| | 218.10 | 225.45 | 7.35 | 6.49 | 1.05 | 74 | 70 | 230 | 24 | 214 | 105 | 3 | 437173.68 | I e |
| | 232.45 | 233.85 | 1.40 | 1.24 | 1.23 | 64 | 62 | 228 | 12 | 220 | 105 | 3 | 85605.882 | I f |
| BHU-28 | 110.20 | 112.05 | 1.85 | 1.76 | 1.36 | 144 | 142 | 222 | 96 | 136 | 100 | 3 | 71885.714 | I a |
| | 115.65 | 119.95 | 4.30 | 4.10 | 0.77 | 138 | 136 | 222 | 88 | 140 | 100 | 3 | 172000 | I b |
| | 125.20 | 130.20 | 5.00 | 4.76 | 0.58 | 134 | 132 | 220 | 82 | 144 | 100 | 3 | 205714.29 | I c |
| | 139.55 | 143.55 | 4.00 | 3.81 | 0.96 | 124 | 121 | 218 | 74 | 152 | 100 | 3 | 173714.29 | I d |
| | 150.95 | 151.95 | 1.00 | 1.00 | 2.36 | 118 | 117 | 216 | 68 | 154 | 100 | 3 | 46200 | I e |
| BHU-33 | 99.40 | 101.15 | 1.75 | 1.54 | 2.18 | 132 | 130 | 208 | 86 | 136 | 90 | 3 | 56700 | I a |
| | 103.55 | 105.35 | 1.80 | 1.59 | 10.27 | 128 | 126 | 208 | 82 | 138 | 90 | 3 | 59177.647 | I b |
| | 131.15 | 132.35 | 1.20 | 1.06 | 1.67 | 110 | 109 | 208 | 62 | 156 | 85 | 3 | 42120 | I c |
| BHU-35 | 163.50 | 166.25 | 2.75 | 2.38 | 4.27 | 99 | 97 | 21 | 50 | 166 | 85 | 3 | 100886.5 | I |

**Tonnage = 2.16 million tons**
(2155486.442 tons)

**Average grade of Gold = 1.78 g / t , Copper = 0.126%, Cobalt = 162 g / t and Nickel = 66 g /t**

**Average width = 2.36m**

Summarized resources of mineralisation zones-I and II at 0.5ppm cut-off, Bhukia North central Block, Banswara district, Rajasthan. (Cross Section method)

| Tonnage (million tons) | **Average** Grade of gold (g / t) | Metal content of gold (tons) | **Average** grade of associated metals | Metal content of associated metals (tons) | Strike length | Average Thickness of zones |
|---|---|---|---|---|---|---|
| 2.16 | 1.78 | 3.85 | Copper = 0.126%<br>Cobalt = 162 g / t<br>Nickel = 66 g / t | Copper = 2709<br>Cobalt = 349.22<br>Nickel = 142.28 | MZ-I = 310m<br>MZ-II = 175m | 2.36 |

UNFC resource estimation details

| Stage of exploration | Resource class | UNFC resource code |
|---|---|---|
| **Prospecting ( G3 )** | **Inferred mineral resource** | **STD 333** |

## 8. CONCLUSION

As a part of reassessment of resources in respect of gold and copper ore in all exploration blocks of Bhukia Gold prospect, an attempt has been made to calculate the resources in North Central Block.

Based on the gold assay results of core samples of boreholes BHU-13A, 19, 28, 33 and 35, a total of 2.16 million tons of inferred mineral resources with average grade 1.78 g / t of gold, 0.126% copper, 162 g / t cobalt and 66 g / t nickel have been calculated. The metal content of gold is 3.85 tons with associated metal content of copper 2709 tons, cobalt 349.22 tons and nickel 142.28 tons. As per UNFC the stage of exploration is prospecting (G3) and category of resource is inferred mineral resource and the code is STD 333.

## References

Garhia, S. S., Jat, R. L., Nagar R.P.and Sivasankaran S. S. (2001). Investigation for gold in Anandpuri -Bhukia area, Banswara district, Rajasthan. Unpublished GSI report, FS 1996-97.

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Grover, A.K., Prabhakara, K. and Jat, R.L.(1999b). Exploration for gold in west, central and North Blocks, Bhukia-Jagpura prospect, Banswara district, Rajasthan. Unpub. Report, GSI for FS 1995 - 96.

## Locality Index

| Locality | Toposheet No. | Latitude | Longitude |
|---|---|---|---|
| Banswara | 46I/5 | 23° 33′ 00″ | 74° 26′35″ |
| Bhukia | 46I/5 | 23° 50′ 50″ | 74°24′ 00″ |
| Ghatol | 46I/5 | 23° 45′ 00″ | 74°26′ 55″ |
| Jagpura | 46I/5 | 23° 51′ 50″ | 74°21′ 00″ |
| Lukia-Dilwara | 46I/5 | 23° 49′ 50″ | 74°23′ 25″ |
| Timaran Mata | 46 I/5 | 23° 51′ 30″ | 73°22′ 30″ |

Geological Survey of India

## DETAILS OF SAMPLING AND ANALYTICAL RESULTS FOR GOLD AND BASEMETALS FOR CORE SAMPLES OF BHU-13 A

Central Part, Bhukia Gold Prospect, Banswara district, Rajasthan

| SAMPLE No. | DEPTH From(m) | DEPTH To(m) | WIDTH (m) | REC.% | HOSTROCKS AND SULPHIDES | Au (ppb) | Cu (ppm) | Pb (ppm) | Zn (ppm) | Ni (ppm) | Co (ppm) | Ag (ppm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BHU-13A/1 | 52.60 | 53.60 | 1.00 | 40 | SH.FER.DLM.MB,TALC/TRM IN FRACTURES | 100 | 138 | 63 | 25 | 40 | 25 | <5 |
| BHU-13A/2 | 53.60 | 54.45 | 0.85 | 35 | --DO---------- | <100 | 113 | 55 | 20 | 37 | 24 | <5 |
| BHU-13A/3 | 68.90 | 69.40 | 0.50 | 100 | MASSIVE DLM,--DO--------- | 100 | 14 | 57 | 12 | 32 | 15 | <5 |
| BHU-13A/4 | 69.40 | 69.90 | 0.50 | 100 | --DO---------- | 130 | 36 | 64 | 16 | 34 | 17 | <5 |
| BHU-13A/5 | 79.65 | 80.30 | 0.65 | 62 | DLM.MB,PARTLY OXIDISED | 100 | 16 | 56 | 13 | 33 | 17 | <5 |
| BHU-13A/6 | 80.30 | 80.90 | 0.60 | 63 | HIGHLY FRACTURED+FERR. DLM/MB | <100 | 26 | 53 | 13 | 35 | 18 | <5 |
| BHU-13A/7 | 84.95 | 85.35 | 0.40 | 95 | VARRIEGATED(TALCOSE?) CLAY | <100 | 302 | 29 | 51 | 61 | 33 | <5 |
| BHU-13A/8 | 85.35 | 85.75 | 0.40 | 95 | PINKISH-BRICK RED CLAY | <100 | 369 | 19 | 46 | 50 | 39 | <5 |
| BHU-13A/9 | 85.75 | 86.15 | 0.40 | 98 | PINKISH TO BROWNISH RED CLAY | <100 | 432 | 35 | 31 | 51 | 46 | <5 |
| BHU-13A/10 | 86.15 | 86.50 | 0.35 | 100 | ORANGE RED CLAY+ SPONGY GOSSAN | 110 | 2500 | 93 | 120 | 183 | 243 | 6 |
| BHU-13A/11 | 86.50 | 86.80 | 0.30 | 97 | DARK BROWNISH RED CLAY | 100 | 2500 | 82 | 141 | 177 | 136 | <5 |
| BHU-13A/12 | 86.80 | 87.10 | 0.30 | 97 | --DO---------- | 220 | 2500 | 85 | 115 | 180 | 112 | 5 |
| BHU-13A/13 | 87.10 | 87.40 | 0.30 | 97 | --DO---------- | 150 | 3000 | 91 | 122 | 213 | 103 | 5 |
| BHU-13A/14 | 87.40 | 87.70 | 0.30 | 97 | --DO---------- | 100 | 3000 | 89 | 127 | 203 | 111 | 9 |
| BHU-13A/15 | 87.70 | 88.00 | 0.30 | 97 | --DO---------- | 150 | 4300 | 93 | 111 | 177 | 135 | 6 |
| BHU-13A/16 | 88.00 | 88.40 | 0.40 | 75 | --DO---------- | 100 | 3900 | 99 | 114 | 172 | 235 | 6 |
| BHU-13A/17 | 88.40 | 88.80 | 0.40 | 88 | --DO---------- | 140 | 4600 | 98 | 212 | 174 | 203 | 7 |
| BHU-13A/18 | 88.80 | 89.20 | 0.40 | 88 | --DO---------- | 580 | 2700 | 71 | 550 | 142 | 140 | <5 |
| BHU-13A/19 | 89.20 | 89.48 | 0.28 | 89 | -DO-TALCOSE,SPONGY+VISIBLE AU? | 100 | 4800 | 112 | 98 | 216 | 129 | 6 |
| BHU-13A/20 | 89.48 | 89.75 | 0.27 | 100 | --DO---------- | 120 | 5100 | 107 | 96 | 226 | 158 | 7 |
| BHU-13A/21 | 89.75 | 90.05 | 0.30 | 93 | YELLOWISH BROWN SPONGY CLAY | 150 | 5000 | 105 | 113 | 227 | 210 | 8 |
| BHU-13A/22 | 90.05 | 90.35 | 0.30 | 93 | --DO---------- | 100 | 4800 | 111 | 110 | 201 | 162 | 8 |
| BHU-13A/23 | 90.35 | 90.65 | 0.30 | 93 | PINKISH BROWN CLAY | 120 | 4500 | 80 | 83 | 167 | 177 | 8 |
| BHU-13A/24 | 90.65 | 90.95 | 0.30 | 93 | --DO---------- | 140 | 2600 | 63 | 57 | 120 | 177 | 5 |
| BHU-13A/25 | 90.95 | 91.30 | 0.35 | 92 | --DO---------- | 100 | 2900 | 81 | 50 | 102 | 104 | 7 |
| BHU-13A/26 | 99.60 | 99.90 | 0.30 | 100 | DULLWHITE SPONGY, FERR.QUARTZITE | 120 | 218 | 26 | 12 | 19 | 16 | <5 |
| BHU-13A/27 | 99.90 | 100.20 | 0.30 | 67 | --DO---------- | 100 | 171 | 18 | 27 | 18 | 24 | <5 |
| BHU-13A/28 | 124.60 | 124.90 | 0.30 | 50 | DARK BROWNISH RED GOSSAN.ROCK | 7400 | 1500 | 47 | 25 | 49 | 125 | <5 |
| BHU-13A/29 | 124.90 | 125.15 | 0.25 | 100 | --DO---------- | 22000 | 1600 | 59 | 26 | 55 | 182 | 5 |
| BHU-13A/30 | 125.15 | 125.45 | 0.30 | 83 | HIGH.SH.PARTLY OXID.DLM.MARBLE | 900 | 500 | 67 | 19 | 37 | 62 | <5 |
| BHU-13A/31 | 125.45 | 125.75 | 0.30 | 83 | --DO---------- | 400 | 225 | 54 | 15 | 34 | 60 | <5 |
| BHU-13A/32 | 125.75 | 126.10 | 0.35 | 80 | --DO---------- | 190 | 250 | 57 | 15 | 43 | 91 | 5 |
| BHU-13A/33 | 126.10 | 126.45 | 0.35 | 77 | --DO---------- | 450 | 213 | 67 | 15 | 45 | 80 | 5 |
| BHU-13A/34 | 126.45 | 126.80 | 0.35 | 94 | --DO---------- | 780 | 357 | 58 | 17 | 37 | 108 | 5 |
| BHU-13A/35 | 126.80 | 127.15 | 0.35 | 94 | --DO---------- | 350 | 386 | 61 | 17 | 37 | 116 | <5 |
| BHU-13A/36 | 127.15 | 127.50 | 0.35 | 97 | GREY TO PINKISH -DO-, ASPY2%+SPKS | 280 | 1600 | 63 | 13 | 36 | 175 | <5 |

APPENDIX - XX

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BHU-13A/37 | 127.50 | 127.85 | 0.35 | 97 | --DO----------1%,---- | 220 | 3200 | 58 | 16 | 28 | 62 | <5 |
| BHU-13A/38 | 127.85 | 128.20 | 0.35 | 97 | GREYISH DLM.MB, PYR1-2CPY1ASP2% | 200 | 2200 | 62 | 13 | 35 | 93 | 6 |
| BHU-13A/39 | 128.20 | 128.50 | 0.30 | 97 | YELLOW GREY -DO- FER,SULPHD.5-6% | 1000 | 5000 | 63 | 17 | 31 | 97 | <5 |
| BHU-13A/40 | 128.50 | 128.85 | 0.35 | 97 | GREY BROWN OX.DL.MB,PY+ASP3-4% | 2000 | 458 | 64 | 16 | 35 | 197 | <5 |
| BHU-13A/41 | 128.85 | 129.20 | 0.35 | 97 | GREY PART.OX.-DO-PY8-10ASP5-8% | 940 | 2400 | 66 | 14 | 43 | 250 | <5 |
| BHU-13A/42 | 129.20 | 129.50 | 0.30 | 94 | BROWNISH RED(OXD.)DLM MB | 700 | 500 | 54 | 14 | 42 | 234 | <5 |
| BHU-13A/43 | 129.50 | 129.82 | 0.32 | 94 | --DO-,PARTLY OXIDISED--- | 540 | 349 | 59 | 16 | 34 | 160 | <5 |
| BHU-13A/44 | 129.80 | 130.12 | 0.32 | 97 | --DO---------- | 130 | 79 | 57 | 13 | 31 | 74 | 5 |
| BHU-13A/45 | 135.00 | 135.31 | 0.31 | 93 | SH.GREYISH DLM.MB,APY1-2%PY SP | 130 | 25 | 60 | 14 | 27 | 161 | <5 |
| BHU-13A/46 | 135.30 | 135.60 | 0.30 | 93 | --DO---------- | 100 | 25 | 52 | 12 | 27 | 15 | 5 |
| BHU-13A/47 | 135.60 | 135.90 | 0.30 | 93 | --DO---------- | 100 | 37 | 45 | 14 | 29 | 17 | <5 |
| BHU-13A/48 | 135.90 | 136.20 | 0.30 | 93 | --DO---------- | 120 | 82 | 41 | 13 | 30 | 18 | <5 |
| BHU-13A/49 | 136.20 | 136.50 | 0.30 | 93 | --DO---------- | 170 | 164 | 52 | 14 | 35 | 46 | <5 |
| BHU-13A/50 | 136.50 | 136.85 | 0.35 | 93 | --DO---------- | 170 | 35 | 58 | 14 | 29 | 17 | 5 |
| BHU-13A/51 | 140.55 | 140.85 | 0.30 | 100 | --DO-FARACTURED,PY2-3%,ASP SPK | 200 | 87 | 50 | 10 | 31 | 24 | 6 |
| BHU-13A/52 | 140.85 | 141.15 | 0.30 | 100 | --DO---------- | 1650 | 205 | 55 | 12 | 43 | 106 | <5 |
| BHU-13A/53 | 141.15 | 141.45 | 0.30 | 100 | --DO---------- | 300 | 700 | 63 | 12 | 40 | 98 | 5 |
| BHU-13A/54 | 141.45 | 141.75 | 0.30 | 100 | GREEN.FRACT.DLM MB;PY,ASP SPKS | <100 | 6 | 64 | 16 | 35 | 21 | <5 |
| BHU-13A/55 | 141.75 | 142.05 | 0.30 | 100 | --DO---------- | 100 | 54 | 57 | 26 | 37 | 27 | <5 |
| BHU-13A/56 | 142.05 | 142.35 | 0.30 | 100 | --DO---------- | <100 | 81 | 61 | 18 | 43 | 25 | <5 |
| BHU-13A/57 | 142.35 | 142.65 | 0.30 | 100 | --DO---------- | 140 | 174 | 30 | 13 | 58 | 18 | <5 |
| BHU-13A/58 | 142.65 | 142.95 | 0.30 | 100 | --DO---------- | <100 | 44 | 56 | 19 | 42 | 17 | <5 |
| BHU-13A/59 | 142.95 | 143.25 | 0.30 | 100 | --DO---------- | 130 | 106 | 61 | 16 | 45 | 24 | <5 |
| BHU-13A/60 | 169.80 | 170.10 | 0.30 | 97 | GREYISH DLM MB, PY & ASPY 2-3% | 2300 | 905 | 66 | 15 | 94 | 58 | <5 |
| BHU-13A/61 | 170.10 | 170.40 | 0.30 | 97 | --DO---------- | <100 | 206 | 50 | 15 | 40 | 23 | <5 |
| BHU-13A/62 | 170.40 | 170.90 | 0.50 | 66 | --DO---------- | <100 | 48 | 69 | 18 | 42 | 23 | <5 |
| BHU-13A/63 | 170.90 | 171.40 | 0.50 | 64 | GREISH GREEN-DO-,MASS.SULP.85% | 2700 | 482 | 65 | 14 | 114 | 20 | <5 |
| BHU-13A/64 | 171.40 | 171.65 | 0.25 | 80 | --DO----------PY,ASPY 4-5% | 1100 | 146 | 69 | 16 | 59 | 141 | <5 |
| BHU-13A/65 | 171.65 | 171.90 | 0.25 | 80 | --DO---------- | 100 | 25 | 63 | 15 | 41 | 20 | <5 |
| BHU-13A/66 | 171.90 | 172.15 | 0.25 | 80 | --DO---------- | 100 | 255 | 64 | 16 | 41 | 31 | <5 |
| BHU-13A/67 | 172.15 | 172.40 | 0.25 | 80 | --DO---------- | 600 | 192 | 65 | 22 | 41 | 78 | <5 |
| BHU-13A/68 | 172.40 | 172.65 | 0.25 | 80 | GREYISH DLM MB,SULPHIDES 2-3% | 100 | 31 | 65 | 24 | 38 | 22 | <5 |
| BHU-13A/69 | 172.65 | 172.90 | 0.25 | 76 | --DO---------- | <100 | 18 | 71 | 18 | 36 | 21 | <5 |
| BHU-13A/70 | 172.90 | 173.15 | 0.25 | 76 | --DO---------- | <100 | 19 | 85 | 16 | 36 | 19 | <5 |
| BHU-13A/71 | 173.15 | 173.40 | 0.25 | 76 | --DO---------- | <100 | 2 | 73 | 18 | 36 | 18 | <5 |
| BHU-13A/72 | 175.20 | 175.55 | 0.35 | 97 | --DO-+AMPH,ASPY,PYRR & PY 5-8% | 200 | 275 | 61 | 23 | 45 | 30 | <5 |
| BHU-13A/73 | 175.55 | 175.90 | 0.35 | 97 | --DO----------4-5% | 930 | 100 | 64 | 13 | 49 | 81 | <5 |
| BHU-13A/74 | 180.10 | 180.45 | 0.35 | 94 | GREENISH GREY,--DO------5% | 130 | 81 | 35 | 38 | 126 | 42 | <5 |
| BHU-13A/75 | 180.45 | 180.85 | 0.40 | 95 | --DO---------- | 330 | 292 | 49 | 20 | 56 | 85 | <5 |
| BHU-13A/76 | 180.85 | 181.25 | 0.40 | 80 | <DO----------2-3% | 2500 | 183 | 60 | 40 | 53 | 71 | <5 |

APPENDIX - II

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**Details of Core Sampling and Analytical Results of Borehole BHU-19**

Central Block, Bhukia-Jagpura Gold Prospect, Banswara district, Rajasthan

(F.S. 1995-96)

| Sample No. | Depth from | Depth to | Core length | Recovered length | Rec % | Details of sulphides (visual estimates) | Hostrock | Au ppb | Cu ppm | Pb ppm | Zn ppm | Ni ppm | Co ppm | Ag ppm | Cd ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BHU-19/ 01 | 105.35 | 105.67 | 0.32 | 0.30 | 93.7 | Pyrite 15%, Aspy 15%, Cp1% | Amphibole marble | 2950 | 1200 | <50 | <25 | 150 | 400 | <5 | <25 |
| BHU-19/ 02 | 105.67 | 105.99 | 0.32 | 0.30 | 93.8 | Pyrite 15-20%, Aspy 5-8%, Cpy 1-2% | Amphibole marble | 1270 | 1000 | 50 | <25 | 200 | 250 | <5 | <25 |
| BHU-19/ 03 | 105.99 | 106.35 | 0.36 | 0.35 | 97.2 | Pyrite 5-8%, Aspy & Cpy in traces | Amphibole marble | 1240 | 150 | <50 | <25 | 25 | 50 | <5 | <25 |
| BHU-19/ 04 | 123.75 | 124.15 | 0.40 | 0.25 | 62.5 | Pyrite 1-2%, Cpy rare | Grey calc-silicate/ quartzite | 350 | 600 | <50 | <25 | <25 | <25 | <5 | <25 |
| BHU-19/ 05 | 124.15 | 124.55 | 0.40 | 0.25 | 62.5 | Pyrite 40-50%, Aspy traces,Cpy 4-5% | Quartz-amphibole rock | 690 | 11900 | 50 | <25 | 125 | 175 | <5 | <25 |
| BHU-19/ 06 | 124.55 | 124.95 | 0.40 | 0.25 | 62.5 | Pyrite 40-50%, Aspy traces,Cpy 4-5% | Quartz-amphibole rock | 370 | 6200 | <50 | <25 | 25 | 75 | <5 | <25 |
| BHU-19/ 07 | 124.95 | 125.35 | 0.40 | 0.25 | 62.5 | Sulphides disseminations 1-2% | Altered amphibole rock | 100 | 50 | <50 | <25 | <25 | <25 | <5 | <25 |
| BHU-19/ 08 | 125.35 | 125.75 | 0.40 | 0.25 | 62.5 | Pyrite 3%, Cpy 2-3% | Quartz-amphibole rock | 530 | 6300 | <50 | 25 | 25 | 50 | <5 | <25 |
| BHU-19/ 09 | 177.10 | 177.35 | 0.25 | 0.24 | 96.0 | Specks of Pyrr & Aspy (1-2%) | Greyish white dol. marble | 100 | 150 | 50 | <25 | <25 | <25 | <5 | <25 |
| BHU-19/ 10 | 177.35 | 177.60 | 0.25 | 0.24 | 96.0 | Specks of Pyrr & Aspy (1-2%) | Greyish white dol. marble | 150 | 100 | 50 | <25 | 25 | <25 | <5 | <25 |
| BHU-19/ 11 | 177.60 | 177.85 | 0.25 | 0.24 | 96.0 | Specks of Pyrr & Aspy (1-2%) | Greyish white dol. marble | 600 | 50 | 50 | <25 | <25 | 25 | <5 | <25 |
| BHU-19/ 12 | 177.85 | 178.10 | 0.25 | 0.24 | 96.0 | Specks of Pyrr & Aspy (1-2%) | Greyish white dol. marble | 110 | 75 | 50 | <25 | 25 | 25 | <5 | <25 |
| BHU-19/ 13 | 178.10 | 178.35 | 0.25 | 0.25 | 100 | Specks of Pyrr & Aspy (1-2%) | Greyish white dol. marble | 240 | 175 | 50 | <25 | 25 | 75 | <5 | <25 |
| BHU-19/ 14 | 178.35 | 178.60 | 0.25 | 0.25 | 100 | Pyrite 1-2%, Aspy 2-3% | Greyish white dol. marble | 460 | 200 | 50 | <25 | 25 | 75 | <5 | <25 |
| BHU-19/ 15 | 178.60 | 178.90 | 0.30 | 0.25 | 83.3 | Pyrite 1-2%, Aspy 2-3% | Greyish white dol. marble | 290 | 275 | 50 | <25 | 25 | 100 | <5 | <25 |
| BHU-19/ 16 | 178.90 | 179.25 | 0.35 | 0.35 | 100 | Pyrite 1-2%, Aspy 2-3% | Greyish white dol. marble | 180 | 150 | 50 | <25 | 25 | 75 | <5 | <25 |
| BHU-19/ 17 | 179.25 | 179.65 | 0.40 | 0.40 | 100 | Pyrite 1-2%, Aspy >0.5% | Greyish white dol. marble | 140 | 50 | 50 | <25 | 25 | 25 | <5 | <25 |
| BHU-19/ 18 | 179.65 | 180.05 | 0.40 | 0.40 | 100 | Rare specks of Pyrite & Aspy | Greyish white dol. marble | 130 | 25 | 50 | <25 | 25 | <25 | <5 | <25 |
| BHU-19/ 19 | 180.05 | 180.45 | 0.40 | 0.40 | 100 | Rare specks of Pyrite & Aspy | Greyish white dol. marble | 300 | 25 | 50 | <25 | 25 | <25 | <5 | <25 |
| BHU-19/ 20 | 180.45 | 180.85 | 0.40 | 0.40 | 100 | Rare specks of Pyrite & Aspy | Greyish white dol. marble | 160 | 50 | <50 | <25 | 25 | <25 | <5 | <25 |
| BHU-19/ 21 | 180.85 | 181.15 | 0.30 | 0.30 | 100 | Pyrite 0.5%, Aspy 2-3% fine specks | Greyish white amph marble | 120 | 150 | <50 | <25 | 50 | 25 | <5 | <25 |
| BHU-19/ 22 | 181.15 | 181.50 | 0.35 | 0.35 | 100 | Pyrite 0.5%, Aspy 2-3% fine specks | Greyish white amph marble | 100 | 125 | <50 | <25 | 50 | 25 | <5 | <25 |
| BHU-19/ 23 | 181.50 | 181.85 | 0.35 | 0.35 | 100 | Pyrite rare specks, Aspy 1-2% | Greyish white amph marble | 100 | 1000 | <50 | <25 | 50 | 25 | <5 | <25 |
| BHU-19/ 24 | 181.85 | 182.20 | 0.35 | 0.35 | 100 | Pyrr 1-2%, Aspy >1%, Cpy 0.5% | Greyish white amph marble | <100 | 200 | <50 | <25 | 25 | 25 | <5 | <25 |
| BHU-19/ 25 | 182.20 | 182.55 | 0.35 | 0.35 | 100 | Pyrite 2-3%, Aspy & Cpy traces | Greyish white amph marble | 100 | 500 | 50 | <25 | 25 | 25 | <5 | <25 |
| BHU-19/ 26 | 182.55 | 182.90 | 0.35 | 0.35 | 100 | Aspy 2-3%, Pyrite & Cpy traces | Greyish white amph dol.mbl | 160 | 250 | 50 | <25 | 25 | 50 | <5 | <25 |
| BHU-19/ 27 | 182.90 | 183.25 | 0.35 | 0.35 | 100 | Aspy 2-3%, Pyrite & Cpy traces | Greyish white amph dol.mbl | <100 | 225 | 50 | <25 | 25 | <25 | <5 | <25 |



BHU-19 data continued.....

| Sample No. | Depth from | Depth to | Core length | Recov. length | Rec % | Details of sulphides (visual estimates) | Hostrock | Au ppb | Cu ppm | Pb ppm | Zn ppm | Ni ppm | Co ppm | Ag ppm | Cd ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BHU-19/ 28 | 183.25 | 183.60 | 0.35 | 0.35 | 100 | Pyrite 3-4%, Aspy 1-2%, Cpy specks | Greyish white amph dol.mbl | 180 | 600 | 50 | <25 | 25 | 25 | <5 | <25 |
| BHU-19/ 29 | 186.30 | 186.50 | 0.20 | 0.20 | 100 | Aspy 1-2%, Pyrite & Pyrr traces | Sheared amphibole dol. mbl | 400 | 225 | 50 | <25 | 50 | 25 | <5 | <25 |
| BHU-19/ 30 | 186.50 | 186.80 | 0.30 | 0.30 | 100 | Pyrite traces, Aspy 3-4% | Sheared amphibole dol. mbl | 2900 | 50 | 50 | <25 | 50 | 250 | <5 | <25 |
| BHU-19/ 31 | 186.80 | 187.10 | 0.30 | 0.29 | 96.7 | Pyrite traces, Aspy 1-2% | Sheared amphibole dol. mbl | 100 | 25 | 50 | 25 | <25 | <25 | <5 | <25 |
| BHU-19/ 32 | 187.10 | 187.40 | 0.30 | 0.29 | 96.7 | Pyrite traces, Aspy 1-2% | Sheared amphibole dol. mbl | 120 | 25 | 50 | <25 | <25 | <25 | <5 | <25 |
| BHU-19/ 33 | 187.40 | 187.70 | 0.30 | 0.29 | 96.7 | Pyrite traces, Aspy 1-2% | Sheared amphibole dol. mbl | 100 | 25 | 50 | <25 | <25 | <25 | <5 | <25 |
| BHU-19/ 34 | 187.70 | 188.00 | 0.30 | 0.29 | 96.7 | Pyrite traces, Aspy 1-2% | Sheared amphibole dol. mbl | 220 | 200 | 50 | <25 | <25 | <25 | <5 | <25 |
| BHU-19/ 35 | 188.00 | 188.35 | 0.35 | 0.34 | 97.1 | Pyrite 1-2%, Aspy 1-2% | Sheared amphibole dol. mbl | 420 | 250 | 50 | <25 | 25 | <25 | <5 | <25 |
| BHU-19/ 36 | 191.00 | 191.35 | 0.35 | 0.35 | 100 | Rare specks of Aspy | Sheared amphibole dol. mbl | 800 | 25 | 50 | <25 | 25 | <25 | <5 | <25 |
| BHU-19/ 37 | 191.35 | 191.70 | 0.35 | 0.35 | 100 | Rare specks of Aspy | Sheared amphibole dol. mbl | 100 | 25 | 50 | <25 | 25 | <25 | <5 | <25 |
| BHU-19/ 38 | 191.70 | 192.05 | 0.35 | 0.35 | 100 | Aspy 2-3% | Sheared amphibole dol. mbl | 2000 | 25 | 50 | <25 | 25 | <25 | <5 | <25 |
| BHU-19/ 39 | 192.05 | 192.40 | 0.35 | 0.35 | 100 | Fine specks of sulphides | Sheared amphibole dol. mbl | <100 | 50 | <50 | <25 | 25 | 25 | <5 | <25 |
| BHU-19/ 40 | 192.40 | 192.75 | 0.35 | 0.35 | 100 | Fine specks of sulphides | Sheared amphibole dol. mbl | 100 | 75 | <50 | 25 | 50 | <25 | <5 | <25 |
| BHU-19/ 41 | 192.75 | 193.10 | 0.35 | 0.35 | 100 | Pyrite >0.5%, Aspy 3-4% | Sheared amphibole dol. mbl | 400 | 75 | 50 | <25 | 25 | 150 | <5 | <25 |
| BHU-19/ 42 | 193.10 | 193.45 | 0.35 | 0.35 | 100 | Fine specks of sulphides | Sheared amphibole dol. mbl | 300 | 75 | <50 | 25 | 25 | <25 | <5 | <25 |
| BHU-19/ 43 | 193.45 | 193.75 | 0.30 | 0.30 | 100 | Pyrite 1-2%, Aspy 1-2% | Sheared amphibole dol. mbl | 300 | 125 | 50 | <25 | 25 | <25 | <5 | <25 |
| BHU-19/ 44 | 193.75 | 194.10 | 0.35 | 0.35 | 100 | Specks of sulphides (1-2%) | Sheared amphibole dol. mbl | 120 | 25 | 50 | <25 | 25 | <25 | <5 | <25 |
| BHU-19/ 45 | 194.10 | 194.45 | 0.35 | 0.35 | 100 | Specks of sulphides (1-2%) | Sheared amphibole dol. mbl | 100 | 25 | 50 | <25 | 25 | <25 | <5 | <25 |
| BHU-19/ 46 | 194.45 | 194.75 | 0.30 | 0.30 | 100 | Aspy 1-2%, Pyrr & Pyrite specks | Sheared amphibole dol. mbl | 250 | 100 | 50 | <25 | 25 | <25 | <5 | <25 |
| BHU-19/ 47 | 194.75 | 195.10 | 0.35 | 0.35 | 100 | Aspy 1-2%, Pyrr & Pyrite rare specks | Sheared amphibole dol. mbl | 200 | 50 | 50 | <25 | 25 | <25 | <5 | <25 |
| BHU-19/ 48 | 195.10 | 195.45 | 0.35 | 0.35 | 100 | Pyrite 5-8%,Pyrr>0.5%,Aspy rare spk | Sheared amphibole dol. mbl | 400 | 300 | 50 | <25 | 50 | 25 | <5 | <25 |
| BHU-19/ 49 | 195.45 | 195.75 | 0.30 | 0.30 | 100 | Rare specks of sulphides | Sheared amphibole dol. mbl | 250 | <25 | 50 | <25 | 25 | <25 | <5 | <25 |
| BHU-19/ 50 | 200.30 | 200.65 | 0.35 | 0.35 | 100 | Pyrr 1-2%, Aspy & Cpy rare specks | Tremolitic marble/ dolomite | 450 | 25 | <50 | <25 | <25 | <25 | <5 | <25 |
| BHU-19/ 51 | 200.65 | 200.95 | 0.30 | 0.30 | 100 | Pyrr 1-2%, Aspy & Cpy rare specks | Tremolitic marble/ dolomite | 150 | 150 | <50 | <25 | 25 | 25 | <5 | <25 |
| BHU-19/ 52 | 200.95 | 201.25 | 0.30 | 0.30 | 100 | Pyrr 3-4%, Aspy & Cpy rare specks | Tremolitic marble/ dolomite | 400 | 500 | <50 | <25 | 25 | 25 | <5 | <25 |
| BHU-19/ 53 | 201.25 | 201.55 | 0.30 | 0.30 | 100 | Pyrr 3-4%, Aspy & Cpy rare specks | Tremolitic marble/ dolomite | <100 | 350 | <50 | <25 | <25 | <25 | <5 | <25 |
| BHU-19/ 54 | 201.55 | 201.85 | 0.30 | 0.30 | 100 | Pyrr 1-2%, Cpy rare specks | Tremolitic marble/ dolomite | 200 | 50 | <50 | <25 | <25 | <25 | <5 | <25 |
| BHU-19/ 55 | 201.85 | 202.15 | 0.30 | 0.30 | 100 | Pyrr 1-2%,Cpy specks | Tremolitic marble/ dolomite | <100 | 1400 | <50 | <25 | <25 | <25 | <5 | <25 |
| BHU-19/ 56 | 202.15 | 202.40 | 0.25 | 0.25 | 100 | Pyrr 1-2%,Cpy specks | Tremolitic marble/ dolomite | 250 | 600 | <50 | 25 | 25 | 25 | <5 | <25 |
| BHU-19/ 57 | 202.40 | 202.70 | 0.30 | 0.30 | 100 | Pyrr 4-5%, Aspy & Cpy specks | Tremolitic marble/ dolomite | 200 | 200 | <50 | <25 | <25 | <25 | <5 | <25 |
| BHU-19/ 58 | 202.70 | 203.00 | 0.30 | 0.30 | 100 | Pyrr 1-2%, Aspy & Cpy in traces | Tremolitic marble/ dolomite | 100 | 75 | <50 | <25 | <25 | <25 | <5 | <25 |
| BHU-19/ 59 | 203.00 | 203.30 | 0.30 | 0.30 | 100 | Pyrr 1-2%, Aspy & Cpy in traces | Tremolitic marble/ dolomite | 120 | 400 | <50 | <25 | <25 | <25 | <5 | <25 |
| BHU-19/ 60 | 203.30 | 203.60 | 0.30 | 0.30 | 100 | Pyrr 1-2%, Aspy & Cpy > 0.5% | Tremolitic marble/ dolomite | 150 | 900 | <50 | <25 | 25 | 50 | <5 | <25 |

| Sample No. | Depth from | Depth to | Core length | Recov length | Rec % | Details of sulphides (visual estimates) | Hostrock | Au ppb | Cu ppm | Pb ppm | Zn ppm | Ni ppm | Co ppm | Ag ppm | Cd ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BHU-19/ 61 | 203.60 | 203.90 | 0.30 | 0.30 | 100 | Pyrr 1-2%, Cpy in traces | Tremolitic marble/ dolomite | 180 | 125 | <50 | <25 | <25 | 25 | <5 | <25 |
| BHU-19/ 62 | 206.20 | 206.50 | 0.30 | 0.28 | 93.3 | Pyrr 1-2%, Cpy in traces | Sheared amphibole dol. mbl | 400 | 350 | <50 | <25 | <25 | <25 | <5 | <25 |
| BHU-19/ 63 | 206.50 | 206.80 | 0.30 | 0.30 | 100 | Pyrr 1-2%, Aspy 0.5%, Cpy in traces | Sheared amphibole dol. mbl | 250 | 500 | <50 | <25 | <25 | 25 | <5 | <25 |
| BHU-19/ 64 | 206.80 | 207.05 | 0.25 | 0.24 | 96.0 | Aspy 2-3%, Pyrr in traces | Sheared amphibole dol. mbl | 500 | 7800 | <50 | <25 | <25 | 100 | <5 | <25 |
| BHU-19/ 65 | 207.05 | 207.30 | 0.25 | 0.24 | 96.0 | Aspy 2-4%, Pyrite & Cpy specks | Sheared amphibole dol. mbl | 200 | 700 | <50 | <25 | 25 | 200 | <5 | <25 |
| BHU-19/ 66 | 207.30 | 207.60 | 0.30 | 0.30 | 100 | Pyrr 5-8%, Aspy & Cpy specks | Brecciated amph dol. mbl | 400 | 350 | <50 | <25 | 50 | 800 | <5 | <25 |
| BHU-19/ 67 | 207.60 | 207.95 | 0.35 | 0.35 | 100 | Pyrr 5-8%, Aspy & Cpy specks | Brecciated amph dol. mbl | 2160 | 2000 | <50 | <25 | 25 | 150 | <5 | <25 |
| BHU-19/ 68 | 207.95 | 208.30 | 0.35 | 0.35 | 100 | Pyrr 1-2%, Cpy in traces | Brecciated amph dol. mbl | 450 | 200 | <50 | <25 | <25 | 75 | <5 | <25 |
| BHU-19/ 69 | 208.30 | 208.65 | 0.35 | 0.35 | 100 | Pyrr 3-4%, Aspy & Cpy in traces | Brecciated amph dol. mbl | 850 | 300 | <50 | <25 | 25 | 125 | <5 | <25 |
| BHU-19/ 70 | 208.65 | 208.95 | 0.30 | 0.28 | 93.3 | Pyrite1-2%,Pyr1-2%,Aspy & Cpy0.5% | Sheared amphibole dol. mbl | 800 | 3800 | <50 | <25 | 25 | 100 | <5 | <25 |
| BHU-19/ 71 | 208.95 | 209.25 | 0.30 | 0.28 | 93.3 | Py1%,Pyrr 1-2%,Aspy & Cpy traces | Sheared amphibole dol. mbl | 350 | 2200 | <50 | 125 | 25 | 50 | <5 | <25 |
| BHU-19/ 72 | 209.25 | 209.60 | 0.35 | 0.33 | 94.3 | Py 1%,Pyrr 1-2%,Aspy & Cpy traces | Sheared amphibole dol. mbl | <100 | 1100 | <50 | <25 | <25 | <25 | <5 | <25 |
| BHU-19/ 73 | 209.60 | 209.95 | 0.35 | 0.35 | 100 | Py 1%,Pyrr 1-2%,Aspy & Cpy traces | Sheared amphibole dol. mbl | 460 | 75 | <50 | <25 | <25 | <25 | <5 | <25 |
| BHU-19/ 74 | 209.95 | 210.30 | 0.35 | 0.33 | 94.3 | Py 1%,Pyrr 1-2%,Aspy & Cpy traces | Sheared amphibole dol. mbl | 300 | 25 | <50 | <25 | <25 | <25 | <5 | <25 |
| BHU-19/ 75 | 210.30 | 210.65 | 0.35 | 0.33 | 94.3 | Pyrr 1-2%, Aspy & Pyrite in traces | Sheared amphibole dol. mbl | 200 | 225 | <50 | <25 | <25 | <25 | <5 | <25 |
| BHU-19/ 76 | 210.65 | 211.00 | 0.35 | 0.33 | 94.3 | Pyrr 1-2%, Aspy & Pyrite in traces | Sheared amphibole dol. mbl | 100 | 50 | <50 | <25 | <25 | <25 | <5 | <25 |
| BHU-19/ 77 | 211.00 | 211.30 | 0.30 | 0.30 | 100 | Pyrr 1-2%, Aspy & Pyrite in traces | Sheared amphibole dol. mbl | 2500 | 350 | <50 | <25 | <25 | <25 | <5 | <25 |
| BHU-19/ 78 | 211.30 | 211.60 | 0.30 | 0.30 | 100 | Pyrr 1-2%, Aspy & Pyrite in traces | Sheared amphibole dol. mbl | 450 | 150 | <50 | <25 | <25 | <25 | <5 | <25 |
| BHU-19/ 79 | 211.60 | 211.90 | 0.30 | 0.30 | 100 | Pyrr 1-2%, Aspy & Pyrite in traces | Sheared amphibole dol. mbl | 280 | 350 | <50 | <25 | <25 | <25 | <5 | <25 |
| BHU-19/ 80 | 211.90 | 212.25 | 0.35 | 0.35 | 100 | Pyrr 3-4%, Aspy 1-2%, Cpy in traces | Sheared amphibole dol. mbl | 370 | 800 | <50 | <25 | 25 | 200 | <5 | <25 |
| BHU-19/ 81 | 212.25 | 212.60 | 0.35 | 0.35 | 100 | Specks of sulphides (1-2%) | Sheared amphibole dol. mbl | 190 | 200 | <50 | <25 | <25 | 25 | <5 | <25 |
| BHU-19/ 82 | 212.60 | 212.90 | 0.30 | 0.29 | 96.7 | Aspy 0.5%, Cpy 1-2% | Grey brown siliceous rock | 590 | 9300 | <50 | 50 | 50 | 100 | <5 | <25 |
| BHU-19/ 83 | 212.90 | 213.20 | 0.30 | 0.29 | 96.7 | Aspy1-2%,Cpy 1%, Pyrite-Pyrr traces | Grey brown siliceous rock | 100 | 250 | <50 | 50 | 25 | 25 | <5 | <25 |
| BHU-19/ 84 | 213.20 | 213.50 | 0.30 | 0.30 | 100 | Pyrr 5-8%, Aspy 2%, Cpy 0.5% | Grey brown siliceous rock | 250 | 500 | <50 | 75 | 25 | 75 | <5 | <25 |
| BHU-19/ 85 | 213.50 | 213.80 | 0.30 | 0.30 | 100 | Pyrr 1%, Aspy 5-8, Cpy 2% | Grey brown siliceous rock | 1650 | 5700 | <50 | 100 | 100 | 700 | <5 | <25 |
| BHU-19/ 86 | 213.80 | 214.10 | 0.30 | 0.30 | 100 | Pyrr 10%, Aspy 10%, Cpy >1% | Grey brown siliceous rock | 2000 | 350 | 50 | 50 | 125 | 900 | <5 | <25 |
| BHU-19/ 87 | 214.10 | 214.40 | 0.30 | 0.30 | 100 | Pyrr 5-8%, Aspy 1-2%, Cpy specks | Grey brown brecc.quartzite | 11000 | 5600 | <50 | 25 | 75 | 200 | <5 | <25 |
| BHU-19/ 88 | 214.40 | 214.70 | 0.30 | 0.29 | 96.7 | Pyrr traces, Aspy 1%, Cpy 1% | Grey brown brecc.quartzite | 700 | 1300 | <50 | 25 | 25 | 25 | 5 | <25 |
| BHU-19/ 89 | 214.70 | 215.00 | 0.30 | 0.29 | 96.7 | Pyrite 1%, Aspy 3-5%, Cpy 1% | Grey brown brecc.quartzite | 15500 | 1400 | <50 | <25 | 100 | 800 | <5 | <25 |
| BHU-19/ 90 | 215.00 | 215.30 | 0.30 | 0.29 | 96.7 | Pyrite 1%, Aspy 3-5%, Cpy 1% | Grey brown brecc.quartzite | 1450 | 800 | <50 | <25 | 50 | 250 | <5 | <25 |
| BHU-19/ 91 | 215.30 | 215.60 | 0.30 | 0.29 | 96.7 | Rare specks of sulphides | Grey brown brecc.quartzite | 400 | 200 | <50 | <25 | 25 | <25 | <5 | <25 |
| BHU-19/ 92 | 215.60 | 215.95 | 0.35 | 0.34 | 97.1 | Rare specks of sulphides | Grey brown brecc.quartzite | 450 | 500 | <50 | <25 | 25 | <25 | <5 | <25 |
| BHU-19/ 93 | 218.10 | 218.50 | 0.40 | 0.40 | 100 | Pyrite 1-2%, Aspy & Cpy in traces | Tremolitic marble/ dolomite | 1070 | 700 | <50 | 25 | 25 | 25 | <5 | <25 |



BHU-19 data continued.....

| Sample No. | Depth from | Depth to | Core length | Recov length | Rec % | Details of sulphides (visual estimates) | Hostrock | Au ppb | Cu ppm | Pb ppm | Zn ppm | Ni ppm | Co ppm | Ag ppm | Cd ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BHU-19/ 94 | 218.50 | 218.85 | 0.35 | 0.35 | 100 | Pyrite 1-2%, Aspy & Cpy in traces | Tremolitic marble/ dolomite | 250 | 450 | <50 | <25 | <25 | 25 | <5 | <25 |
| BHU-19/ 95 | 218.85 | 219.20 | 0.35 | 0.35 | 100 | Pyrite1%,Pyr3-4%,Aspy1%,Cpy trcs | Tremolitic marble/ dolomite | 300 | 350 | <50 | <25 | 25 | 50 | <5 | <25 |
| BHU-19/ 96 | 219.20 | 219.55 | 0.35 | 0.35 | 100 | Specks of Pyrr and cpy | Actinolite marble/ dolomite | 700 | 1200 | <50 | <25 | <25 | <25 | <5 | <25 |
| BHU-19/ 97 | 219.55 | 219.85 | 0.30 | 0.30 | 100 | Specks of Pyrr and cpy (about 1%) | Actinolite marble/ dolomite | 600 | 400 | <50 | <25 | <25 | <25 | <5 | <25 |
| BHU-19/ 98 | 219.85 | 220.15 | 0.30 | 0.30 | 100 | Specks of Pyrr and cpy | Actinolite marble/ dolomite | 500 | 3900 | <50 | <25 | <25 | <25 | <5 | <25 |
| BHU-19/ 99 | 220.15 | 220.45 | 0.30 | 0.30 | 100 | Pyrr 15-20%, Aspy 10%, Cpy 0.5% | Massive sulphide + qtz vein | 610 | 1400 | 50 | 25 | 100 | 350 | <5 | <25 |
| BHU-19/ 100 | 220.45 | 220.70 | 0.25 | 0.25 | 100 | Pyrr 1-2%, Aspy & Cpy in traces | Sheared quartzite | 3300 | 6400 | <50 | 25 | 100 | 600 | 1<5 | <25 |
| BHU-19/ 101 | 220.70 | 220.95 | 0.25 | 0.25 | 100 | Pyrr 1-2%, Aspy & Cpy in traces | Sheared quartzite | 300 | 2500 | <50 | <25 | 125 | 900 | <5 | <25 |
| BHU-19/ 102 | 220.95 | 221.30 | 0.35 | 0.35 | 100 | Pyrr 1-2%, Aspy & Cpy specks | Sheared qtz vein+amphibole | 500 | 3800 | <50 | <25 | 25 | 50 | <5 | <25 |
| BHU-19/ 103 | 221.30 | 221.65 | 0.35 | 0.35 | 100 | Pyrr 1-2%, Aspy & Cpy specks | Sheared qtz vein+amphibole | 400 | 1100 | 50 | <25 | 75 | 50 | <5 | <25 |
| BHU-19/ 104 | 221.65 | 222.05 | 0.40 | 0.40 | 100 | Pyrr 8-10%, Aspy 2-3%, Cpy specks | Sheared qtz vein+amphibole | 600 | 1200 | <50 | <25 | 25 | 150 | <5 | <25 |
| BHU-19/ 105 | 222.05 | 222.30 | 0.25 | 0.21 | 84.0 | Pyrr 10-15%, Aspy 1-2%, Cpy 1% | Sheared qtz vein+amphibole | 200 | 5500 | <50 | <25 | 50 | 125 | <5 | <25 |
| BHU-19/ 106 | 222.30 | 222.55 | 0.25 | 0.21 | 84.0 | Pyrr 10-15%, Aspy 1-2%, Cpy 1% | Sheared qtz vein+amphibole | 270 | 1200 | <50 | <25 | 25 | 50 | <5 | <25 |
| BHU-19/ 107 | 222.55 | 222.85 | 0.30 | 0.28 | 93.3 | Pyrr 50-60%,Aspy 4-5%,Cpy in traces | Sheared quartzite | 2100 | 2400 | 50 | <25 | 100 | 250 | <5 | <25 |
| BHU-19/ 108 | 222.85 | 223.15 | 0.30 | 0.27 | 90.0 | Aspy 1%, Pyrr & Cpy in traces | Sheared quartzite | 2000 | 1000 | <50 | <25 | 50 | 100 | <5 | <25 |
| BHU-19/ 109 | 223.15 | 223.40 | 0.25 | 0.25 | 100 | Aspy traces, Cpy 1-2% | Sheared quartzite | 700 | 22700 | <50 | 25 | 25 | 25 | <5 | <25 |
| BHU-19/ 110 | 223.40 | 223.70 | 0.30 | 0.25 | 83.3 | Pyrr 35%, Aspy 1%,Cpy 1% | Sheared quartzite | 800 | 11100 | 50 | 25 | 100 | 175 | <5 | <25 |
| BHU-19/ 111 | 223.70 | 224.00 | 0.30 | 0.25 | 83.3 | Pyrr 3-4%, Aspy 2-3%,Cpy 1% | Sheared quartzite | 500 | 10000 | 50 | <25 | 75 | 200 | <5 | <25 |
| BHU-19/ 112 | 224.00 | 224.40 | 0.40 | 0.36 | 90.0 | Pyrr 25-30%, Aspy 4-5%,Cpy 1% | Massive sulfide in quartzite | 450 | 8000 | 50 | <25 | 75 | 150 | <5 | <25 |
| BHU-19/ 113 | 224.40 | 224.75 | 0.35 | 0.32 | 91.4 | Pyrr 8-10%, Aspy 5%,Cpy >1% | Sheared quartzite | 3000 | 19000 | 50 | 100 | 50 | 150 | <5 | <25 |
| BHU-19/ 114 | 224.75 | 225.10 | 0.35 | 0.32 | 91.4 | Pyrr 30-40%, Aspy 5%,Cpy specks | Greyish white marble | 3200 | 3000 | 50 | <25 | 100 | 250 | 5 | <25 |
| BHU-19/ 115 | 225.10 | 225.45 | 0.35 | 0.35 | 100 | Pyrr 50%, Aspy 1-2%, Cpy traces | Greyish white marble | 1760 | 2200 | 50 | <25 | 100 | 250 | 5 | <25 |
| BHU-19/ 116 | 225.45 | 225.80 | 0.35 | 0.35 | 100 | Pyrr 1-2%, Cpy > 0.5% | Tremolitic marble/ dolomite | 230 | 1600 | <50 | 25 | 25 | 25 | <5 | <25 |
| BHU-19/ 117 | 228.15 | 228.50 | 0.35 | 0.35 | 100 | Rare specks of sulphides | Tremolitic marble/ dolomite | <100 | 100 | <50 | <25 | <25 | <25 | <5 | <25 |
| BHU-19/ 118 | 228.50 | 228.85 | 0.35 | 0.35 | 100 | Rare specks of sulphides | Tremolitic marble/ dolomite | 130 | 175 | <50 | <25 | 25 | <25 | <5 | <25 |
| BHU-19/ 119 | 228.85 | 229.15 | 0.30 | 0.30 | 100 | Pyrr 10-15%,Aspy & Cpy rare specks | Tremolitic marble/ dolomite | 160 | 250 | <50 | <25 | <25 | <25 | <5 | <25 |
| BHU-19/ 120 | 229.15 | 229.45 | 0.30 | 0.30 | 100 | Pyrr 10-15%,Aspy & Cpy rare specks | Tremolitic marble/ dolomite | 150 | 1500 | <50 | 75 | 50 | <25 | <5 | <25 |
| BHU-19/ 121 | 229.45 | 229.75 | 0.30 | 0.28 | 93.3 | Pyrr 10-15%,Aspy & Cpy rare specks | Tremolitic marble/ dolomite | 100 | 300 | <50 | 50 | <25 | <25 | <5 | <25 |
| BHU-19/ 122 | 229.75 | 230.05 | 0.30 | 0.29 | 96.7 | Pyrr 8-10%, Cpy > 1% | Tremolitic marble+ qtz vein | <100 | 1000 | <50 | <25 | 100 | 25 | <5 | <25 |
| BHU-19/ 123 | 230.05 | 230.35 | 0.30 | 0.29 | 96.7 | Rare specks of sulphides | Tremolitic marble/ dolomite | <100 | 350 | <50 | <25 | 25 | <25 | <5 | <25 |
| BHU-19/ 124 | 230.35 | 230.60 | 0.25 | 0.24 | 96.0 | Pyrr 3-5%, Cpy in traces | Tremolitic marble+ qtz vein | 100 | 275 | <50 | <25 | 50 | <25 | <5 | <25 |
| BHU-19/ 125 | 230.60 | 230.95 | 0.35 | 0.35 | 100 | Rare specks of sulphides | quartz Vein+ amphibole mbl | <100 | 75 | <50 | 75 | <25 | <25 | <5 | <25 |
| BHU-19/ 126 | 230.95 | 231.25 | 0.30 | 0.30 | 100 | Rare sulphides/ pyrr chunk with QV | Tremolitic marble+ qtz vein | <100 | 200 | <50 | 50 | <25 | <25 | <5 | <25 |

*BHU-19 data continued.....*

| Sample No. | Depth from | Depth to | Core length | Recov. length | Rec % | Details of sulphides (visual estimates) | Hostrock | Au ppb | Cu ppm | Pb ppm | Zn ppm | Ni ppm | Co ppm | Ag ppm | Cd ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BHU-19/ 127 | 231.25 | 231.55 | 0.30 | 0.30 | 100 | Pyrr 5-8%, Aspy 1-2%, Cpy in traces | Amphibole dolomite marble | 520 | 800 | <50 | 125 | 75 | 150 | <5 | <25 |
| BHU-19/ 128 | 231.55 | 231.85 | 0.30 | 0.30 | 100 | Aspy 1-2%, Pyrr & Cpy in traces | Amphibole dolomite marble | <100 | 200 | <50 | <25 | 50 | 50 | <5 | <25 |
| BHU-19/ 129 | 231.85 | 232.15 | 0.30 | 0.30 | 100 | Rare specks of sulphides | Amphibole dolomite marble | 140 | 125 | <50 | 50 | 50 | <25 | <5 | <25 |
| BHU-19/ 130 | 232.15 | 232.45 | 0.30 | 0.30 | 100 | Rare specks of sulphides | Amphibole dolomite marble | 130 | 100 | <50 | 125 | 50 | <25 | <5 | <25 |
| BHU-19/ 131 | 232.45 | 232.85 | 0.40 | 0.38 | 95.0 | Rare specks of sulphides | Sheared amphibole dol. mbl | 600 | 150 | <50 | 25 | 50 | 25 | <5 | <25 |
| BHU-19/ 132 | 232.85 | 233.20 | 0.35 | 0.34 | 97.1 | Rare specks of sulphides | Sheared amphibole dol. mbl | 1080 | 400 | <50 | <25 | 50 | 75 | <5 | <25 |
| BHU-19/ 133 | 233.20 | 233.55 | 0.35 | 0.33 | 94.3 | Pyrr 15-20%,Aspy 5-8%,Cpy in traces | Sheared amphibole dol. mbl | 1160 | 600 | <50 | <25 | 150 | 900 | <5 | <25 |
| BHU-19/ 134 | 233.55 | 233.85 | 0.30 | 0.25 | 83.3 | Specks of sulphides (1-2%) | Sheared amphibole dol. mbl | 710 | 100 | <50 | <25 | 25 | <25 | <5 | <25 |
| BHU-19/ 135 | 233.85 | 234.15 | 0.30 | 0.30 | 100 | Specks of sulphides (1-2%) | Sheared amphibole dol. mbl | 320 | 400 | <50 | <25 | 25 | 25 | <5 | <25 |
| BHU-19/ 136 | 237.85 | 238.15 | 0.30 | 0.30 | 100 | Pyrr 1-2%, Py 1-2%, Cpy specks | Sheared amphibole dol. mbl | 160 | 2000 | 50 | <25 | 100 | 50 | <5 | <25 |
| BHU-19/ 137 | 238.15 | 238.45 | 0.30 | 0.30 | 100 | Pyrr 1-2%, Py 1-2%, Cpy specks | Sheared amphibole dol. mbl | 100 | 2700 | <50 | <25 | 50 | 25 | <5 | <25 |
| BHU-19/ 138 | 238.45 | 238.75 | 0.30 | 0.25 | 83.3 | Pyrr 1-2%, Cpy in traces | Sheared amphibole dol. mbl | 140 | 75 | <50 | <25 | 25 | <25 | <5 | <25 |
| BHU-19/ 139 | 238.75 | 239.05 | 0.30 | 0.25 | 83.3 | Pyrr 1-2%, Cpy in traces | Sheared amphibole dol. mbl | 200 | 100 | <50 | <25 | 50 | 100 | <5 | <25 |

APPENDIX - XIV III

Geological Survey of India

**Details of Core Sampling and Analytical Results of Borehole BHU-28**

Central Block, Bhukia - Jagpura Gold Prospect, Banswara district, Rajasthan

(F.S. 1995-96)

| Sample No. | Depth from | Depth to | Core length | Reco. length | Rec % | Details of sulphides (visual estimates) | Hostrock | Au ppb | Cu ppm | Pb ppm | Zn ppm | Ni ppm | Co ppm | Ag ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BHU-28/ 01 | 109.95 | 110.20 | 0.25 | 0.25 | 100 | Rare specks of sulphides | Sheared dolomite marble | 440 | 125 | 100 | 25 | 50 | <25 | <5 |
| BHU-28/ 02 | 110.20 | 110.45 | 0.25 | 0.25 | 100 | Pyrr 5-8%, Aspy 2-3%, Cp 1-2% | Sheared dolomite marble | 1300 | 1300 | 100 | 25 | 75 | 125 | <5 |
| BHU-28/ 03 | 110.45 | 110.70 | 0.25 | 0.25 | 100 | Pyrr 1%, Aspy 1-2% | Sheared dolomite marble | 1850 | 250 | 125 | 25 | 50 | 50 | <5 |
| BHU-28/ 04 | 110.70 | 110.95 | 0.25 | 0.25 | 100 | Aspy 3-5%, Cpy in traces | Sheared dolomite marble | 3040 | 500 | 100 | 25 | 75 | 125 | <5 |
| BHU-28/ 05 | 110.95 | 111.20 | 0.25 | 0.25 | 100 | Aspy 1-2% | Sheared dolomite marble | 750 | 275 | 100 | 25 | 50 | 25 | <5 |
| BHU-28/ 06 | 111.20 | 111.45 | 0.25 | 0.25 | 100 | Aspy 1-2% | Sheared dolomite marble | 1350 | 175 | 100 | 25 | 50 | 25 | <5 |
| BHU-28/ 07 | 111.45 | 111.75 | 0.30 | 0.30 | 100 | Rare specks of sulphides | Sheared dolomite marble | 330 | 100 | 100 | 25 | 50 | <25 | <5 |
| BHU-28/ 08 | 111.75 | 112.05 | 0.30 | 0.30 | 100 | Rare specks of sulphides | Sheared dolomite marble | 1170 | 50 | 100 | 25 | 50 | <25 | <5 |
| BHU-28/ 09 | 115.40 | 115.65 | 0.25 | 0.25 | 100 | Rare specks of Aspy (1-2%) | Dolomitic marble | 350 | 125 | 100 | 25 | 50 | <25 | <5 |
| BHU-28/ 10 | 115.65 | 115.95 | 0.30 | 0.30 | 100 | Rare specks of Aspy (1-2%) | Dolomitic marble | 1620 | 50 | 100 | 25 | 50 | <25 | <5 |
| BHU-28/ 11 | 115.95 | 116.25 | 0.30 | 0.30 | 100 | Rare specks of Aspy (1-2%) | Dolomitic marble | 680 | 100 | 100 | 25 | 50 | 25 | <5 |
| BHU-28/ 12 | 116.25 | 116.55 | 0.30 | 0.30 | 100 | Rare specks of Aspy (1-2%) | Dolomitic marble | 420 | 100 | 100 | 25 | 50 | <25 | <5 |
| BHU-28/ 13 | 116.55 | 116.85 | 0.30 | 0.30 | 100 | Rare specks of Aspy (1-2%) | Dolomitic marble | 450 | 75 | 100 | 50 | 50 | <25 | <5 |
| BHU-28/ 14 | 116.85 | 117.15 | 0.30 | 0.30 | 100 | Rare specks of Aspy (1-2%) | Dolomitic marble | 1170 | 125 | 100 | 25 | 50 | <25 | <5 |
| BHU-28/ 15 | 117.15 | 117.45 | 0.30 | 0.30 | 100 | Rare specks of Aspy (1-2%) | Dolomitic marble | 590 | 100 | 100 | 25 | 50 | 50 | <5 |
| BHU-28/ 16 | 117.45 | 117.80 | 0.35 | 0.35 | 100 | Rare spks of Pyrite & Aspy (1-2%) | Sheared dolomite marble | 780 | 125 | 100 | 25 | 50 | 50 | <5 |
| BHU-28/ 17 | 117.80 | 118.15 | 0.35 | 0.35 | 100 | Rare spks of Pyrite & Aspy (1-2%) | Sheared dolomite marble | 360 | 25 | 125 | 25 | 50 | <25 | <5 |
| BHU-28/ 18 | 118.15 | 118.45 | 0.30 | 0.30 | 100 | Pyrite traces, Aspy 1-2% | Sheared dolomite marble | 700 | 50 | 100 | 25 | 50 | 25 | <5 |
| BHU-28/ 19 | 118.45 | 118.75 | 0.30 | 0.30 | 100 | Pyrite traces, Aspy 1-2% | Sheared dolomite marble | 1100 | 125 | 100 | 25 | 50 | 25 | <5 |
| BHU-28/ 20 | 118.75 | 119.05 | 0.30 | 0.30 | 100 | Pyrite traces, Aspy 1-2% | Sheared dolomite marble | 930 | 100 | 100 | 25 | 50 | 50 | <5 |
| BHU-28/ 21 | 119.05 | 119.35 | 0.30 | 0.30 | 100 | Pyrite traces, Aspy 1-2% | Sheared dolomite marble | 540 | 50 | 100 | 50 | 50 | 25 | <5 |
| BHU-28/ 22 | 119.35 | 119.65 | 0.30 | 0.30 | 100 | Specks of sulphides rare | Sheared dolomite marble | 800 | 75 | 100 | 25 | 50 | <25 | <5 |
| BHU-28/ 23 | 119.65 | 119.95 | 0.30 | 0.30 | 100 | Specks of sulphides rare | Sheared dolomite marble | 670 | 100 | 100 | 50 | 50 | <25 | <5 |
| BHU-28/ 24 | 119.95 | 120.25 | 0.30 | 0.30 | 100 | Pyrite 1-2%, Aspy 1-2% | Sheared dolomite marble | 440 | 100 | 100 | 25 | 50 | <25 | <5 |
| BHU-28/ 25 | 120.25 | 120.50 | 0.25 | 0.25 | 100 | Pyrite 1-2%, Aspy 1-2% | Sheared dolomite marble | 420 | 75 | 100 | 50 | 50 | <25 | <5 |
| BHU-28/ 26 | 124.70 | 124.95 | 0.25 | 0.25 | 100 | Pyrite 1-2%, Aspy 1-2% | Amphibole rich dol. marble | 380 | 125 | 100 | 25 | 50 | <25 | <5 |
| BHU-28/ 27 | 124.95 | 125.20 | 0.25 | 0.25 | 100 | Pyrite 1-2%, Aspy 1-2% | Amphibole rich dol. marble | 490 | 225 | 100 | 225 | 150 | 25 | <5 |

BHU-28 data continued.....

| Sample No. | Depth from | Depth to | Core length | Reco. length | Rec % | Details of sulphides (visual estimates) | Hostrock | Au ppb | Cu ppm | Pb ppm | Zn ppm | Ni ppm | Co ppm | Ag ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BHU-28/ 28 | 125.20 | 125.45 | 0.25 | 0.20 | 80 | Pyrite rare specks, Aspy 1-2% | Amphibole rich dol. marble | 710 | 15 | 100 | 50 | 50 | <25 | <5 |
| BHU-28/ 29 | 125.45 | 125.70 | 0.25 | 0.20 | 80.0 | Pyrite rare specks, Aspy < 1% | Amphibole dolomitic marble | 550 | 75 | 100 | 50 | 50 | 25 | <5 |
| BHU-28/ 30 | 125.70 | 126.00 | 0.30 | 0.22 | 73.3 | Pyrite specks (< 1%), Aspy 1-2% | Amphibole dolomitic marble | 480 | 125 | 100 | 50 | 50 | <25 | <5 |
| BHU-28/ 31 | 126.00 | 126.30 | 0.30 | 0.22 | 73.3 | Pyrite specks (< 1%), Aspy 1-2% | Amphibole dolomitic marble | 550 | 150 | 100 | 25 | 50 | 25 | <5 |
| BHU-28/ 32 | 126.30 | 126.60 | 0.30 | 0.22 | 73.3 | Pyrite specks (< 1%), Aspy 1-2% | Amphibole dolomitic marble | 330 | 75 | 100 | 50 | 50 | <25 | <5 |
| BHU-28/ 33 | 126.60 | 126.90 | 0.30 | 0.22 | 73.3 | Pyrr 1-2%, Aspy < 1% | Amphibole dolomitic marble | 550 | 125 | 100 | 50 | 50 | <25 | <5 |
| BHU-28/ 34 | 126.90 | 127.20 | 0.30 | 0.22 | 73.3 | Pyrite 1-2%, Pyrr 1-2% | Amphibole dolomitic marble | 450 | 725 | 125 | 50 | 75 | 150 | <5 |
| BHU-28/ 35 | 127.20 | 127.45 | 0.25 | 0.20 | 80.0 | Pyrite 3-4%, Pyrr 5-8%, Aspy 1-2% | Amphibole dolomitic marble | 440 | 275 | 125 | 50 | 75 | 75 | <5 |
| BHU-28/ 36 | 127.45 | 127.70 | 0.25 | 0.20 | 80.0 | Pyrr 1-2%, Aspy rare specks | Amphibole dolomitic marble | 200 | 75 | 100 | 50 | 50 | <25 | <5 |
| BHU-28/ 37 | 127.70 | 128.00 | 0.30 | 0.22 | 73.3 | Pyrr 1-2%, Aspy rare specks | Amphibole dolomitic marble | 180 | 50 | 100 | 50 | 50 | <25 | <5 |
| BHU-28/ 38 | 128.00 | 128.30 | 0.30 | 0.22 | 73.3 | Aspy 2-3%, Pyrite rare specks | Amphibole dolomitic marble | 960 | 100 | 100 | 50 | 50 | 25 | <5 |
| BHU-28/ 39 | 128.30 | 128.60 | 0.30 | 0.22 | 73.3 | Aspy 5-8%, Pyrite rare specks | Amphibole dolomitic marble | 1370 | 125 | 100 | 50 | 75 | 175 | <5 |
| BHU-28/ 40 | 128.60 | 128.90 | 0.30 | 0.22 | 73.3 | Aspy 1-2%, Pyrite 1-2% | Amphibole dolomitic marble | 660 | 175 | 100 | 50 | 50 | 25 | <5 |
| BHU-28/ 41 | 128.90 | 129.20 | 0.30 | 0.22 | 73.3 | Aspy 1-2%, Pyrite 1-2% | Amphibole dolomitic marble | 350 | 125 | 100 | 50 | 75 | 100 | <5 |
| BHU-28/ 42 | 129.20 | 129.50 | 0.30 | 0.22 | 73.3 | Aspy 2-3% | Dolomitic marble | 680 | 100 | 75 | <25 | 25 | 25 | <5 |
| BHU-28/ 43 | 129.50 | 129.85 | 0.35 | 0.26 | 74.3 | Aspy 2-3% | Dolomitic marble | 360 | 100 | 75 | <25 | 50 | 50 | <5 |
| BHU-28/ 44 | 129.85 | 130.20 | 0.35 | 0.26 | 74.3 | Aspy 2-3%, Pyrr 1% | Dolomitic marble | 910 | 175 | 100 | 25 | 50 | 75 | <5 |
| BHU-28/ 45 | 132.70 | 133.00 | 0.30 | 0.22 | 73.3 | Aspy 1-2% | Dolomitic marble | 290 | 100 | 75 | <25 | 50 | 25 | <5 |
| BHU-28/ 46 | 133.00 | 133.30 | 0.30 | 0.22 | 73.3 | Rare specks of Aspy and pyrite | Dolomitic marble | 770 | 75 | 100 | 25 | 50 | 25 | <5 |
| BHU-28/ 47 | 133.30 | 133.60 | 0.30 | 0.22 | 73.3 | Pyrite 1-2%, Aspy 1-2% | Dolomitic marble | 310 | 225 | 100 | 25 | 50 | 50 | <5 |
| BHU-28/ 48 | 133.60 | 133.90 | 0.30 | 0.22 | 73.3 | Pyrite traces, Aspy 2-3% | Dolomitic marble | 610 | 100 | 100 | 25 | 50 | 25 | <5 |
| BHU-28/ 49 | 133.90 | 134.20 | 0.30 | 0.23 | 76.7 | Rare specks of sulphides | Dolomitic marble | 180 | 50 | 75 | <25 | 50 | <25 | <5 |
| BHU-28/ 50 | 134.20 | 134.50 | 0.30 | 0.23 | 76.7 | Aspy 1-2% | Dolomitic marble | 160 | 100 | 75 | <25 | 25 | <25 | <5 |
| BHU-28/ 51 | 134.50 | 134.75 | 0.25 | 0.21 | 84.0 | Aspy 1-2% | Sheared amph. dol. marble | 370 | 225 | 100 | 25 | 50 | <25 | <5 |
| BHU-28/ 52 | 134.75 | 135.00 | 0.25 | 0.21 | 84.0 | Aspy 1-2% | Sheared amph. dol. marble | 140 | 125 | 100 | 50 | 50 | <25 | <5 |
| BHU-28/ 53 | 135.00 | 135.25 | 0.25 | 0.21 | 84.0 | Aspy 1-2% | Sheared amph. dol. marble | 660 | 50 | 100 | 50 | 50 | 25 | <5 |
| BHU-28/ 54 | 135.25 | 135.55 | 0.30 | 0.26 | 86.7 | Aspy 1-2% | Sheared amph. dol. marble | 220 | 225 | 100 | 25 | 50 | 25 | <5 |
| BHU-28/ 55 | 135.55 | 135.85 | 0.30 | 0.26 | 86.7 | Aspy 1-2% | Sheared amph. dol. marble | 220 | 75 | 75 | <25 | 25 | <25 | <5 |
| BHU-28/ 56 | 139.55 | 139.85 | 0.30 | 0.25 | 83.3 | Specks (1-2%) of Pyrite & Aspy | Sheared amph. dol. marble | 730 | 400 | 100 | 50 | 50 | 25 | <5 |
| BHU-28/ 57 | 139.85 | 140.15 | 0.30 | 0.25 | 83.3 | Pyrr 3-4%, Cpy 1% | Sheared amph. dol. marble | 220 | 1700 | 100 | 50 | 75 | 50 | <5 |
| BHU-28/ 58 | 140.15 | 140.40 | 0.25 | 0.20 | 80.0 | Pyrr 70-80%, Aspy 3-5%, Cpy1% | Massive sulphide vein | 430 | 4000 | 150 | 50 | 200 | 475 | <5 |
| BHU-28/ 59 | 140.40 | 140.65 | 0.25 | 0.20 | 80.0 | Pyrr 1-2%, Aspy 1-2%, Cpy 1% | Amphibole dolomitic marble | 1160 | 7200 | 100 | 50 | 75 | 150 | <5 |

BHU-28 data contin...

| Sample No. | Depth from | Depth to | Core length | Reco. length | Rec % | Details of sulphides (visual estimates) | Hostrock | Au ppb | Cu ppm | Pb ppm | Zn ppm | Ni ppm | Co ppm | Ag ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BHU-28/ 60 | 140.65 | 140.90 | 0.25 | 0.20 | 80 | Pyrr 1-2%, Aspy & Cpy rare | Amphibole dolomitic marble | 210 | 1300 | 75 | 50 | 75 | 25 | <5 |
| BHU-28/ 61 | 140.90 | 141.15 | 0.25 | 0.20 | 80.0 | Rare specks of sulphides | Amphibole dolomitic marble | 300 | 1000 | 75 | 50 | 75 | ≤25 | <5 |
| BHU-28/ 62 | 141.15 | 141.45 | 0.30 | 0.22 | 73.3 | Pyrr 1-2% | H. Sheared amph. dol. marb | 660 | 525 | 75 | 50 | 75 | <25 | <5 |
| BHU-28/ 63 | 141.45 | 141.75 | 0.30 | 0.22 | 73.3 | Pyrr 2-3%, Aspy < 1%, Cpy < 1% | H. Sheared amph. dol. marb | 1550 | 775 | 75 | 50 | 100 | 50 | <5 |
| BHU-28/ 64 | 141.75 | 142.05 | 0.30 | 0.22 | 73.3 | Pyrr 15-20%, Aspy 2-3%, Cpy rare | H. Sheared amph. dol. marb | 1990 | 800 | 75 | 50 | 175 | 350 | <5 |
| BHU-28/ 65 | 142.05 | 142.35 | 0.30 | 0.22 | 73.3 | Pyrr 1-2%, Aspy 2-3% | H. Sheared amph. dol. marb | 1580 | 375 | 75 | 25 | 100 | 175 | <5 |
| BHU-28/ 66 | 142.35 | 142.65 | 0.30 | 0.22 | 73.3 | Rare specks of sulphides | H. Sheared amph. dol. marb | 300 | 200 | 75 | 25 | 50 | <25 | <5 |
| BHU-28/ 67 | 142.65 | 142.95 | 0.30 | 0.22 | 73.3 | Pyrr 1-2%, Cpy < 1% | H. Sheared amph. dol. marb | 240 | 300 | 75 | 50 | 75 | <25 | <5 |
| BHU-28/ 68 | 142.95 | 143.25 | 0.30 | 0.22 | 73.3 | Pyrr 1-2%, Cpy < 1% | H. Sheared amph. dol. marb | 370 | 725 | 100 | 50 | 125 | 25 | <5 |
| BHU-28/ 69 | 143.25 | 143.55 | 0.30 | 0.22 | 73.3 | Pyrr 3-4%, Aspy & Cpy specks | H. Sheared amph. dol. marb | 3450 | 425 | 75 | 50 | 100 | 225 | <5 |
| BHU-28/ 70 | 150.95 | 151.20 | 0.25 | 0.25 | 100 | Pyrr 2-3%, Aspy 1%, Cpy 1% | H. Sheared amph. dol. marb | 1300 | 1300 | 75 | 50 | 125 | 75 | <5 |
| BHU-28/ 71 | 151.20 | 151.45 | 0.25 | 0.25 | 100 | Pyrr 2-3%, Aspy 3-5% | H. Sheared amph. dol. marb | 3900 | 925 | 100 | 50 | 350 | 225 | <5 |
| BHU-28/ 72 | 151.45 | 151.70 | 0.25 | 0.25 | 100 | Pyrr 1-2%, Aspy 2-3% | H. Sheared amph. dol. marb | 3750 | 150 | 75 | 50 | 300 | 425 | <5 |
| BHU-28/ 73 | 151.70 | 151.95 | 0.25 | 0.25 | 100 | Rare specks of sulphides | H. Sheared amph. dol. marb | 500 | 225 | 75 | 50 | 75 | 25 | <5 |

**Appendix -I**

## DETAIL OF CORE SAMPLE AND ANALYTICAL RESULTS, BORE HOLE BHU - 33, NORTH CENTRAL BLOCK BHUKIA GOLD IPROSPECT, BANSWARA DISTRICT, RAJASTHAN.

| Sample | Sample length | | | Rec. | Rec | Description | | Chemical analysis (ppm) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| No. | From | To. | Diff. | Length | % | | | Cu | Pb | Zn | Ni | Co | Ag | Au |
| BHU-33/1 | 64.10 | 64.30 | 0.20 | 0.20 | 100 | Coarse crystalline dolo. marble sulphides rare specks | | 25 | 75 | 25 | 25 | <25 | <5 | 0.24 |
| BHU-33/2 | 64.30 | 64.55 | 0.25 | 0.25 | 100 | -do- | Asp = 8-10% | 50 | 75 | <25 | 25 | <25 | <5 | 0.12 |
| BHU-33/3 | 64.55 | 64.80 | 0.25 | 0.25 | 100 | -do- | Sulphides rare specks | 25 | 75 | <25 | 25 | <25 | <5 | 0.14 |
| BHU-33/4 | 64.80 | 65.05 | 0.25 | 0.25 | 100 | -do- | -do- | <25 | 75 | <25 | 25 | <25 | <5 | 0.14 |
| BHU-33/5 | 65.05 | 65.30 | 0.25 | 0.25 | 100 | -do- | -do- | <25 | 75 | <25 | 25 | <25 | <5 | 0.12 |
| BHU-33/6 | 65.30 | 65.55 | 0.25 | 0.25 | 100 | -do- | -do- | <25 | 75 | <25 | 25 | <25 | <5 | 0.13 |
| BHU-33/7 | 65.55 | 65.80 | 0.25 | 0.25 | 100 | -do- | Asp = 15-20%, Pyrr rare specks | 200 | 75 | <25 | <25 | 550 | <5 | 0.13 |
| BHU-33/8 | 65.80 | 66.05 | 0.25 | 0.21 | 84 | -do- | Asp = 20-25%, Pyrr rare specks | 200 | 75 | <25 | 200 | 1300 | <5 | 0.14 |
| BHU-33/9 | 66.05 | 66.30 | 0.25 | 0.21 | 84 | -do- | Asp = 5-8%, Pyrr = 1-2% | 75 | 75 | <25 | 125 | 500 | <5 | 0.14 |
| BHU-33/10 | 66.30 | 66.55 | 0.25 | 0.21 | 84 | -do- | -do- | 125 | 75 | <25 | 25 | 75 | <5 | 0.11 |
| BHU-33/11 | 66.55 | 66.80 | 0.25 | 0.21 | 84 | -do- | Asp = 1-2%, Pyrr = 1-2% | 150 | 75 | <25 | 50 | 175 | <5 | <0.1 |
| BHU-33/12 | 66.80 | 67.05 | 0.25 | 0.22 | 88 | -do- | Asp = 8-10%, Pyrr = 1-2% | 100 | 75 | <25 | 25 | 25 | <5 | <0.1 |
| BHU-33/13 | 67.05 | 67.30 | 0.25 | 0.22 | 88 | -do- | Asp =1-2%, Pyrr = 3-4%, Cp <1 | 50 | 75 | <25 | 25 | 50 | <5 | 0.13 |
| BHU-33/14 | 67.30 | 67.55 | 0.25 | 0.22 | 88 | -do- | Asp = 1-2%, Pyrr = 3-4% | 75 | 75 | <25 | 25 | 25 | <5 | 0.11 |
| BHU-33/15 | 67.55 | 67.80 | 0.25 | 0.22 | 88 | -do- | -do- | 50 | 75 | <25 | 25 | 100 | <5 | <0.1 |
| BHU-33/16 | 67.80 | 68.05 | 0.25 | 0.22 | 88 | -do- | -do- | 125 | 75 | <25 | 50 | 50 | <5 | 0.22 |
| BHU-33/17 | 68.05 | 68.30 | 0.25 | 0.22 | 88 | -do- | Pyrr = 1-2%, Asp & Cp rare | 150 | 75 | <25 | 25 | 75 | <5 | 0.40 |
| BHU-33/18 | 68.30 | 68.55 | 0.25 | 0.22 | 88 | -do- | -do- | 75 | 75 | <25 | 25 | 50 | <5 | 0.20 |
| BHU-33/19 | 68.55 | 68.80 | 0.25 | 0.22 | 88 | -do- | -do- | 25 | 75 | <25 | <25 | <25 | <5 | 0.11 |

| Sample | Sample length | | | Rec. | Rec | Description | | Chemical analysis (ppm) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| No. | From | To. | Diff. | Length | % | | | Cu | Pb | Zn | Ni | Co | Ag | Au |
| BHU-33/20 | 68.80 | 69.05 | 0.25 | 0.17 | 68 | Amph. dolo. marble | Pyrr ~ 1%, Cp ~ 0.5% | <25 | 75 | <25 | <25 | <25 | <5 | 0.10 |
| BHU-33/21 | 69.05 | 69.30 | 0.25 | 0.17 | 68 | -do- | -do- | 50 | 75 | <25 | <25 | <25 | <5 | 0.10 |
| BHU-33/22 | 69.30 | 69.55 | 0.25 | 0.17 | 68 | -do- | -do- | 75 | 100 | <25 | 25 | <25 | <5 | <0.1 |
| BHU-33/23 | 69.55 | 69.80 | 0.25 | 0.17 | 68 | -do- | -do- | 225 | 50 | <25 | 25 | <25 | <5 | 0.30 |
| BHU-33/24 | 69.80 | 70.10 | 0.30 | 0.19 | 63 | -do- | -do- | 25 | 75 | <25 | <25 | <25 | <5 | 0.14 |
| BHU-33/25 | 70.10 | 70.40 | 0.30 | 0.19 | 63 | -do- | -do- | <25 | 75 | <25 | <25 | <25 | <5 | 0.16 |
| BHU-33/26 | 70.40 | 70.65 | 0.25 | 0.24 | 96 | -do- | Pyrr + Cp = 1-2% | <25 | 75 | <25 | 25 | <25 | <5 | <0.1 |
| BHU-33/27 | 70.65 | 70.90 | 0.25 | 0.24 | 96 | -do- | -do- | 75 | 75 | <25 | 25 | 25 | <5 | 0.11 |
| BHU-33/28 | 70.90 | 71.15 | 0.25 | 0.24 | 96 | -do- | -do- | 25 | 75 | <25 | <25 | 25 | <5 | 0.32 |
| BHU-33/29 | 71.15 | 71.40 | 0.25 | 0.24 | 96 | -do- | -do- | <25 | 75 | <25 | <25 | <25 | <5 | <0.1 |
| BHU-33/30 | 71.40 | 71.65 | 0.25 | 0.24 | 96 | -do- | -do- | <25 | 75 | <25 | <25 | <25 | <5 | 0.10 |
| BHU-33/31 | 71.65 | 71.90 | 0.25 | 0.24 | 96 | -do- | -do- | 25 | 75 | <25 | <25 | <25 | <5 | 0.12 |
| BHU-33/32 | 71.90 | 72.15 | 0.25 | 0.24 | 96 | -do- | -do- | <25 | 75 | <25 | 25 | 50 | <5 | 0.49 |
| BHU-33/33 | 72.15 | 72.40 | 0.25 | 0.24 | 96 | -do- | Pyrr = 2-3%, Asp = 1-2% | 25 | 75 | <25 | 25 | 75 | <5 | 0.61 |
| BHU-33/34 | 72.40 | 72.65 | 0.25 | 0.24 | 96 | -do- | -do- | 50 | 50 | <25 | <25 | 50 | <5 | 0.35 |
| BHU-33/35 | 72.65 | 72.90 | 0.25 | 0.24 | 96 | -do- | -do- | 75 | 75 | <25 | <25 | 50 | <5 | 0.23 |
| BHU-33/36 | 72.90 | 73.15 | 0.25 | 0.24 | 96 | -do- | Pyrr = 3-4%, Asp rare | 100 | 75 | <25 | 25 | 50 | <5 | 0.20 |
| BHU-33/37 | 73.15 | 73.40 | 0.25 | 0.24 | 96 | -do- | -do- | 250 | 75 | <25 | <25 | <25 | <5 | 0.14 |
| BHU-33/38 | 73.40 | 73.65 | 0.25 | 0.22 | 88 | -do- | Pyrr = 1-2%, Py ~ 1% | 225 | 75 | <25 | 25 | 25 | <5 | 0.15 |
| BHU-33/39 | 73.65 | 73.90 | 0.25 | 0.22 | 88 | -do- | Pyrr + Py + Asp = 3-4% | 75 | 75 | <25 | 25 | <25 | <5 | <0.1 |
| BHU-33/40 | 73.90 | 74.15 | 0.25 | 0.22 | 88 | -do- | -do- | 50 | 75 | 25 | <25 | <25 | <5 | <0.1 |
| BHU-33/41 | 74.15 | 74.40 | 0.25 | 0.22 | 88 | -do- | -do- | 25 | 75 | <25 | <25 | <25 | <5 | <0.1 |

| Sample. | Sample length | | | Rec. | Rec | Description | | Chemical analysis (ppm) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| No. | From | To. | Diff. | Length | % | | | Cu | Pb | Zn | Ni | Co | Ag | Au |
| BHU-33/42 | 74.40 | 74.65 | 0.25 | 0.22 | 88 | -do- | Pyrr + Py + Asp = 3-4% | 50 | 75 | <25 | <25 | <25 | <5 | 0.13 |
| BHU-33/43 | 74.65 | 74.90 | 0.25 | 0.22 | 88 | -do- | -do- | 50 | 75 | <25 | 25 | <25 | <5 | 0.19 |
| BHU-33/44 | 74.90 | 75.15 | 0.25 | 0.22 | 88 | -do- | -do- | 25 | 75 | <25 | <25 | <25 | <5 | 0.12 |
| BHU-33/45 | 75.15 | 75.40 | 0.25 | 0.22 | 88 | -do- | -do- | 50 | 75 | <25 | <25 | <25 | <5 | <0.1 |
| BHU-33/46 | 75.40 | 75.70 | 0.30 | 0.25 | 83 | -do- | -do- | 50 | 75 | <25 | 25 | <25 | <5 | 1.80 |
| BHU-33/47 | 75.70 | 76.00 | 0.30 | 0.25 | 83 | Coarse crystalline dolo. marble | Asp = 1-2%, Pyrr rare | 75 | 75 | <25 | 25 | <25 | <5 | <0.1 |
| BHU-33/48 | 76.00 | 76.30 | 0.30 | 0.25 | 83 | -do- | -do- | 75 | 75 | <25 | <25 | <25 | <5 | 0.11 |
| BHU-33/49 | 76.30 | 76.60 | 0.30 | 0.25 | 83 | -do- | -do- | 75 | 75 | <25 | <25 | <25 | <5 | 0.62 |
| BHU-33/50 | 76.60 | 76.90 | 0.30 | 0.25 | 83 | -do- | -do- | 25 | 100 | <25 | <25 | <25 | <5 | <0.1 |
| BHU-33/51 | 84.30 | 84.55 | 0.25 | 0.23 | 92 | Sheared amph. dolo. marble | Pyrr + Asp + Cpy 1-2% | 225 | 75 | 25 | 25 | <25 | <5 | <0.1 |
| BHU-33/52 | 84.55 | 84.80 | 0.25 | 0.23 | 92 | -do- | -do- | 50 | 75 | <25 | <25 | <25 | <5 | 0.15 |
| BHU-33/53 | 84.80 | 85.05 | 0.25 | 0.23 | 92 | -do- | -do- | 75 | 75 | <25 | <25 | <25 | <5 | <0.1 |
| BHU-33/54 | 85.05 | 85.30 | 0.25 | 0.23 | 92 | -do- | -do- | 125 | 75 | <25 | 50 | 25 | <5 | 0.33 |
| BHU-33/55 | 85.30 | 85.55 | 0.25 | 0.23 | 92 | Coarse crystalline dolo. marble | woth rare specks of sulphides | <25 | 75 | <25 | 25 | 25 | <5 | 0.12 |
| BHU-33/56 | 85.55 | 85.80 | 0.25 | 0.24 | 96 | -do- | Asp = 3-5% | <25 | 75 | <25 | 25 | 50 | <5 | 0.72 |
| BHU-33/57 | 85.80 | 86.10 | 0.30 | 0.29 | 97 | -do- | Asp = 5-8%, Pyrr & Cp rare | 75 | 75 | 25 | 50 | 100 | <5 | 0.77 |
| BHU-33/58 | 86.10 | 86.40 | 0.30 | 0.29 | 97 | -do- | Asp = 1-2% | 25 | 75 | <25 | <25 | 25 | <5 | 0.15 |
| BHU-33/59 | 86.40 | 86.70 | 0.30 | 0.29 | 97 | -do- | -do- | 25 | 75 | <25 | <25 | <25 | <5 | 0.10 |
| BHU-33/60 | 86.70 | 87.00 | 0.30 | 0.29 | 97 | -do- | -do- | 25 | 75 | <25 | <25 | 25 | <5 | <0.1 |
| BHU-33/61 | 87.00 | 87.30 | 0.30 | 0.26 | 87 | -do- | Asp = 1-2%, Pyrr = 1-2% | 125 | 100 | <25 | 25 | 25 | <5 | 0.16 |
| BHU-33/62 | 87.30 | 87.60 | 0.30 | 0.26 | 87 | -do- | -do- | 75 | 75 | <25 | <25 | 25 | <5 | 0.11 |
| BHU-33/63 | 87.60 | 87.90 | 0.30 | 0.26 | 87 | -do- | -do- | 75 | 75 | <25 | <25 | <25 | <5 | <0.1 |

| Sample. | Sample length | | | Rec. | Rec | Description | | Chemical analysis (ppm) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| No. | From | To. | Diff. | Length | % | | | Cu | Pb | Zn | Ni | Co | Ag | Au |
| BHU-33/64 | 87.90 | 88.20 | 0.30 | 0.26 | 87 | Coarse crystalline dolo. marble | Asp = 1-2%, Pyrr = 1-2% | 100 | 75 | <25 | <25 | <25 | <5 | 0.1 |
| BHU-33/65 | 88.20 | 88.50 | 0.30 | 0.26 | 87 | -do- | Pyrr = 3-4%, Asp = 1-2% | 50 | 100 | <25 | 25 | <25 | <5 | 0.13 |
| BHU-33/66 | 88.50 | 88.80 | 0.30 | 0.26 | 87 | -do- | -do- | 150 | 75 | <25 | 50 | 75 | <5 | 0.23 |
| BHU-33/67 | 88.80 | 89.10 | 0.30 | 0.26 | 87 | -do- | Asp = 5-8%, Pyrr = 1-2% | 200 | 75 | <25 | 25 | 25 | <5 | 0.17 |
| BHU-33/68 | 89.10 | 89.40 | 0.30 | 0.26 | 87 | -do- | -do- | 275 | 75 | <25 | 25 | 50 | <5 | 0.17 |
| BHU-33/69 | 89.40 | 89.70 | 0.30 | 0.25 | 83 | -do- | -do- | 300 | 75 | <25 | 25 | 25 | <5 | 0.20 |
| BHU-33/70 | 89.70 | 90.00 | 0.30 | 0.25 | 83 | -do- | Asp = 2-3%, Pyrr rare | 150 | 75 | <25 | 25 | 25 | <5 | 0.10 |
| BHU-33/71 | 90.00 | 90.30 | 0.30 | 0.25 | 83 | -do- | -do- | <25 | 75 | <25 | 25 | 25 | <5 | 0.16 |
| BHU-33/72 | 90.30 | 90.60 | 0.30 | 0.28 | 93 | -do- | -do- | <25 | 75 | <25 | 25 | 25 | <5 | 0.11 |
| BHU-33/73 | 90.60 | 90.90 | 0.30 | 0.28 | 93 | -do- | Sulphides rare specks | <25 | 75 | <25 | <25 | <25 | <5 | 0.14 |
| BHU-33/74 | 90.90 | 91.20 | 0.30 | 0.28 | 93 | -do- | -do- | <25 | 75 | <25 | <25 | <25 | <5 | <0.1 |
| BHU-33/75 | 97.60 | 97.90 | 0.30 | 0.28 | 93 | -do- | with rare specks of Asp | 50 | 100 | <25 | <25 | <25 | <5 | 0.11 |
| BHU-33/76 | 97.90 | 98.20 | 0.30 | 0.28 | 93 | -do- | -do- | 7000 | 75 | <25 | 50 | 25 | <5 | <0.1 |
| BHU-33/77 | 98.20 | 98.50 | 0.30 | 0.28 | 93 | -do- | -do- | 175 | 75 | <25 | 25 | <25 | <5 | <0.1 |
| BHU-33/78 | 98.50 | 98.80 | 0.30 | 0.28 | 93 | -do- | Pyrr = 3-4%, Cp = 3-4% | 75 | 75 | <25 | <25 | <25 | <5 | 0.20 |
| BHU-33/79 | 98.80 | 99.10 | 0.30 | 0.28 | 93 | -do- | Pyrr = 3-4%, Cp = 1-2% | 6000 | 75 | <25 | 25 | 25 | <5 | 0.15 |
| BHU-33/80 | 99.10 | 99.40 | 0.30 | 0.28 | 93 | -do- | Pyrr = 15-20%, Cp ~ 1% | 950 | 75 | <25 | 50 | 50 | <5 | 0.48 |
| BHU-33/81 | 99.40 | 99.70 | 0.30 | 0.28 | 93 | -do- | Pyrr = 2-3%, Cpy = 1-2% | 3200 | 75 | <25 | 50 | 25 | <5 | **0.62** |
| BHU-33/82 | 99.70 | 100.00 | 0.30 | 0.28 | 93 | -do- | Pyrr=15-20%, Cp = 1-2%, Asp=1% | 12200 | 100 | <25 | 100 | 225 | <5 | **4.80** |
| BHU-33/83 | 100.00 | 100.30 | 0.30 | 0.28 | 93 | -do- | -do- | 4000 | 75 | <25 | 75 | 125 | <5 | **0.75** |
| BHU-33/84 | 100.30 | 100.60 | 0.30 | 0.28 | 93 | -do- | Pyrr = 8-10%, Asp 8-10%, Cp | 14000 | 50 | <25 | 100 | 850 | <5 | **4.60** |
| BHU-33/85 | 100.60 | 100.90 | 0.30 | 0.28 | 93 | -do- | Asp = 3-4%, Pyrr & Cp rare | 2200 | 50 | <25 | 50 | 200 | <5 | **1.00** |

| Sample. | Sample length | | | Rec. | Rec | Description | | Chemical analysis (ppm) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| No. | From | To. | Diff. | Length | % | | | Cu | Pb | Zn | Ni | Co | Ag | Au |
| BHU-33/86 | 100.90 | 101.15 | 0.25 | 0.24 | 96 | Amphibole rich dolo. marble | Asp = 1-2% | 350 | 50 | <25 | 50 | 200 | <5 | **1.14** |
| BHU-33/87 | 101.15 | 101.40 | 0.25 | 0.24 | 96 | Banded amph. marble with | rare specks of sulphides | 325 | 50 | <25 | 25 | 75 | <5 | 0.20 |
| BHU-33/88 | 101.40 | 101.65 | 0.25 | 0.24 | 96 | -do- | -do- | 25 | 75 | <25 | 25 | <25 | <5 | 0.10 |
| BHU-33/89 | 101.65 | 101.90 | 0.25 | 0.24 | 96 | -do- | -do- | <25 | 75 | <25 | 25 | <25 | <5 | 0.18 |
| BHU-33/90 | 101.90 | 102.25 | 0.35 | 0.32 | 91 | Coarse crystalline dolo. marble | Pyrr = 1-2%, Asp ~ 1% | 150 | 75 | <25 | 25 | <25 | <5 | 0.10 |
| BHU-33/91 | 102.25 | 102.60 | 0.35 | 0.32 | 91 | -do- | -do- | 150 | 75 | <25 | 25 | 50 | <5 | 0.25 |
| BHU-33/92 | 102.60 | 102.95 | 0.35 | 0.32 | 91 | -do- | Asp = 2-3%, Pyrr <1% | 125 | 50 | <25 | 25 | 50 | <5 | <0.1 |
| BHU-33/93 | 102.95 | 103.25 | 0.30 | 0.28 | 93 | Amph. rich dolo. marble | Asp = 3-5%, Pyrr <1% | 100 | <50 | <25 | 25 | 75 | <5 | 0.15 |
| BHU-33/94 | 103.25 | 103.55 | 0.30 | 0.28 | 93 | -do- | Pyrr = 3-4%, Cp ~ 1%, Asp ~ 1% | 1100 | 50 | <25 | 25 | 25 | <5 | <0.1 |
| BHU-33/95 | 103.55 | 103.85 | 0.30 | 0.28 | 93 | -do- | -do- | 725 | 75 | <25 | 50 | 150 | <5 | **2.00** |
| BHU-33/96 | 103.85 | 104.15 | 0.30 | 0.28 | 93 | Coarse crystalline dolo. marble | Asp = 15-20%, Pyrr & Cp rare | 575 | 100 | <25 | 175 | 600 | <5 | **18.00** |
| BHU-33/97 | 104.15 | 104.45 | 0.30 | 0.28 | 93 | -do- | -do- | 450 | 75 | <25 | 250 | 800 | <5 | **28.00** |
| BHU-33/98 | 104.45 | 104.75 | 0.30 | 0.28 | 93 | -do- | -do- | 725 | 75 | <25 | 200 | 575 | <5 | **12.00** |
| BHU-33/99 | 104.75 | 105.05 | 0.30 | 0.28 | 93 | -do- | -do- | 650 | 75 | <25 | 150 | 475 | <5 | **0.68** |
| BHU-33/100 | 105.05 | 105.35 | 0.30 | 0.25 | 83 | Amph. dolo. marble | Pyrr + Cp + Asp = 1-2% | 300 | 75 | <25 | 50 | 150 | <5 | **0.94** |
| BHU-33/101 | 105.35 | 105.65 | 0.30 | 0.25 | 83 | -do- | -do- | 150 | 75 | <25 | 25 | 50 | <5 | <0.1 |
| BHU-33/102 | 105.65 | 105.95 | 0.30 | 0.25 | 83 | -do- | Asp = 8-10%, Pyrr rare | 75 | 75 | <25 | 25 | 25 | <5 | 0.11 |
| BHU-33/103 | 105.95 | 106.25 | 0.30 | 0.25 | 83 | -do- | -do- | 200 | 75 | <25 | 25 | 50 | <5 | <0.1 |
| BHU-33/104 | 106.25 | 106.55 | 0.30 | 0.25 | 83 | -do- | rare specks of sulphides | 400 | 125 | <25 | 25 | 50 | <5 | 0.10 |
| BHU-33/105 | 106.55 | 106.85 | 0.30 | 0.25 | 83 | -do- | -do- | 100 | 75 | <25 | 25 | 25 | <5 | <0.1 |
| BHU-33/106 | 129.70 | 129.95 | 0.25 | 0.25 | 100 | Coarse crystalline dolo. marble | Sulphides rare specks | 75 | 75 | <25 | 25 | <25 | <5 | 0.19 |
| BHU-33/107 | 129.95 | 130.25 | 0.30 | 0.28 | 93 | -do- | -do- | 150 | 75 | <25 | 25 | 25 | <5 | 0.12 |

| Sample. | Sample length | | | Rec. | Rec | Description | | Chemical analysis (ppm) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| No. | From | To. | Diff. | Length | % | | | Cu | Pb | Zn | Ni | Co | Ag | Au |
| BHU-33/108 | 130.25 | 130.55 | 0.30 | 0.28 | 93 | Coarse crystalline dolo. marble | Sulphides rare specks | <25 | 75 | <25 | 25 | <25 | <5 | 0.13 |
| BHU-33/109 | 130.55 | 130.85 | 0.30 | 0.28 | 93 | Amph. dolo. marble | Pyrr = 3-4%, Asp = 1-2%, Cp rare | 100 | 75 | <25 | 25 | 25 | <5 | 0.31 |
| BHU-33/110 | 130.85 | 131.15 | 0.30 | 0.28 | 93 | -do- | Asp = 5-6%, Pyrr = 3-4%, Cp rare | 5200 | 100 | <25 | 75 | 75 | <5 | 0.25 |
| BHU-33/111 | 131.15 | 131.45 | 0.30 | 0.28 | 93 | -do- | Pyrr=60-70%, Asp=2-3%, Cp=1-2% | 800 | 50 | <25 | 100 | 275 | <5 | **1.50** |
| BHU-33/112 | 131.45 | 131.75 | 0.30 | 0.28 | 93 | Dolo. marble | Asp = 1-2%, Pyrr & Cp rare | 75 | 75 | <25 | 25 | 25 | <5 | **0.30** |
| BHU-33/113 | 131.75 | 132.05 | 0.30 | 0.28 | 93 | -do- | Sulphides rare specks | 225 | 100 | <25 | 25 | <25 | <5 | **0.14** |
| BHU-33/114 | 132.05 | 132.35 | 0.30 | 0.28 | 93 | -do- | -do- | 375 | 75 | <25 | 75 | 200 | <5 | **4.75** |
| BHU-33/115 | 153.70 | 154.00 | 0.30 | 0.25 | 83 | Coarse crystalline dolo. marble | rare specks of sulphides | 3000 | 75 | <25 | 175 | 550 | <5 | 6.00 |
| BHU-33/116 | 154.00 | 154.30 | 0.30 | 0.25 | 83 | -do- | -do- | 275 | 100 | <25 | 50 | 50 | <5 | 0.40 |
| BHU-33/117 | 154.30 | 154.60 | 0.30 | 0.25 | 83 | -do- | Asp = 1-2% | 200 | 75 | <25 | 25 | 25 | <5 | 0.18 |
| BHU-33/118 | 154.60 | 154.90 | 0.30 | 0.25 | 83 | -do- | -do- | 250 | 100 | <25 | 25 | 25 | <5 | 0.31 |
| BHU-33/119 | 154.90 | 155.20 | 0.30 | 0.25 | 83 | -do- | -do- | 400 | 100 | <25 | 25 | 50 | <5 | 0.22 |
| BHU-33/120 | 155.20 | 155.55 | 0.35 | 0.30 | 86 | -do- | rare specks of sulphides | 300 | 100 | <25 | 100 | 600 | <5 | 3.25 |
| BHU-33/121 | 155.55 | 155.90 | 0.35 | 0.30 | 86 | -do- | -do- | 200 | 100 | <25 | 100 | 400 | <5 | 3.75 |

## DETAIL OF CORE SAMPLE AND ANALYTICAL RESULTS, BORE HOLE NO. BHU - 35 SOUTH CENTRAL BLOCK

## BHUKIA GOLD INVESTIGATION, BANSWARA DISTRICT RAJASTHAN.

| S. | Sample length | | | Adj. | Rec | Description | | Chemical analysis | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| No. | From | To. | Diff. | Length | % | | | Cu | Pb | Zn | Ni | Co | Ag | Au |
| BHU-35/1 | 159.90 | 160.25 | 0.35 | 0.35 | 100 | Light grey dolo. marble | Pyrr = 1-2, Asp = 1-2, Cpy rare | 100 | 75 | <25 | 25 | <25 | <5 | 0.22 |
| BHU-35/2 | 160.25 | 160.60 | 0.35 | 0.35 | 100 | -do- | Pyrr = 2-4, Asp = 2-4 | 150 | 75 | <25 | 25 | 25 | <5 | 0.20 |
| BHU-35/3 | 160.60 | 160.90 | 0.30 | 0.30 | 100 | -do- | Asp = 2-4, Pyrr & Cpy rare | 100 | 50 | <25 | 25 | 25 | <5 | 0.21 |
| BHU-35/4 | 160.90 | 161.20 | 0.30 | 0.30 | 100 | -do- | Asp = 2-4, Pyrr & Cpy rare | 75 | 75 | <25 | 25 | 25 | <5 | 0.23 |
| BHU-35/5 | 161.20 | 161.50 | 0.30 | 0.30 | 100 | Tremolite rich dolomite marble | Pyrr = 1-2, Asp = 1-2, Cpy rare | 100 | 75 | <25 | 25 | 25 | <5 | 0.18 |
| BHU-35/6 | 161.50 | 161.80 | 0.30 | 0.30 | 100 | -do- | Asp = 2-3, Pyrr & Cpy rare | 125 | 75 | <25 | 25 | <25 | <5 | 0.20 |
| BHU-35/7 | 161.80 | 162.10 | 0.30 | 0.30 | 100 | -do- | Asp = 2-3 | 600 | 50 | <25 | 75 | 25 | <5 | 0.53 |
| BHU-35/8 | 162.10 | 162.40 | 0.30 | 0.30 | 100 | -do- | Pyrr = 2-3, Asp = 2-3 | 275 | 50 | <25 | 50 | 100 | <5 | 0.18 |
| BHU-35/9 | 162.40 | 162.70 | 0.30 | 0.30 | 100 | -do- | Rare specks of sulphide | 500 | 50 | <25 | 25 | 25 | <5 | 0.29 |
| BHU-35/10 | 162.70 | 163.00 | 0.30 | 0.30 | 100 | -do- | Pyrr = 2-3, Cpy & Asp rare | 100 | 50 | <25 | 25 | 25 | <5 | 0.36 |
| BHU-35/11 | 163.00 | 163.25 | 0.25 | 0.25 | 100 | -do- | Pyrr = 2-3, Cpy & Asp rare | 50 | 50 | <25 | 25 | 25 | <5 | 0.26 |
| BHU-35/12 | 163.25 | 163.50 | 0.25 | 0.25 | 100 | -do- | Pyrr = 2-3, Cpy & Asp rare | 75 | 75 | <25 | 25 | <25 | <5 | 0.25 |
| BHU-35/13 | 163.50 | 163.80 | 0.30 | 0.30 | 100 | Coarse crystalline dolomite marble | Pyrr = 1-2, Asp = 10-15 | 225 | 75 | <25 | 100 | 225 | <5 | 0.20 |
| BHU-35/14 | 163.80 | 164.10 | 0.30 | 0.30 | 100 | -do- | Pyrr = 2-4, Asp = 8-10 | 275 | 75 | <25 | 150 | 400 | <5 | 0.10 |
| BHU-35/15 | 164.10 | 164.40 | 0.30 | 0.30 | 100 | -do- | Pyrr = 1-2, Asp = 15-20, Py = 1-2 | 600 | 50 | <25 | 150 | 600 | <5 | 0.36 |
| BHU-35/16 | 164.40 | 164.70 | 0.30 | 0.30 | 100 | -do- | Asp = 8-10 | 225 | 50 | <25 | 50 | 250 | <5 | 0.15 |
| BHU-35/17 | 164.70 | 165.00 | 0.30 | 0.30 | 100 | -do- | Pyrr = 1-2, Asp 2-3 | 150 | 75 | <25 | 25 | 25 | <5 | 0.40 |
| BHU-35/18 | 165.00 | 165.30 | 0.30 | 0.30 | 100 | -do- | Pyrr = 1-2, Asp 3-5 | 150 | 75 | <25 | 50 | 200 | <5 | 0.75 |
| BHU-35/19 | 165.30 | 165.60 | 0.30 | 0.30 | 100 | -do- | Pyrr = 1-2, Asp 60-70 | 400 | 50 | <25 | 200 | 1000 | <5 | 0.75 |
| BHU-35/20 | 165.60 | 165.90 | 0.30 | 0.30 | 100 | Amphibole rich tremolite marble | Pyrr = 2-3, Asp = 20-25 | 600 | 50 | <25 | 225 | 1000 | <5 | 0.11 |

| S. No. | Sample length | | | Adj. Length | Rec % | Description | | Chemical analysis | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | From | To. | Diff. | | | | | Cu | Pb | Zn | Ni | Co | Ag | Au |
| BHU-35/21 | 165.90 | 166.25 | 0.35 | 0.35 | 100 | -do- | Pyrr = 2-3, Asp = 5-8, Py = 1-2 | 350 | 50 | <25 | 25 | 75 | <5 | 0.15 |
| BHU-35/22 | 166.25 | 166.60 | 0.35 | 0.35 | 100 | Amphibole tremolite marble | Pyrr = 2-3, Asp = 5-8, Py = 1-2 | 100 | 50 | <25 | 25 | 50 | <5 | 0.41 |
| BHU-35/23 | 166.60 | 166.90 | 0.30 | 0.30 | 100 | Tremolite dolomite marble | Asp = 1-2 | 50 | 50 | <25 | 25 | 25 | <5 | 0.36 |
| BHU-35/24 | 166.90 | 167.20 | 0.30 | 0.30 | 100 | -do- | Asp = 2-3 | 50 | 50 | <25 | 25 | 25 | <5 | 0.21 |
| BHU-35/25 | 167.20 | 167.50 | 0.30 | 0.30 | 100 | -do- | Pyrr & Asp rare | 125 | <50 | <25 | 25 | <25 | <5 | 0.18 |
| BHU-35/26 | 167.50 | 167.80 | 0.30 | 0.30 | 100 | -do- | Pyrr rare, Asp 2-3 | 150 | 50 | <25 | 25 | 100 | <5 | 0.85 |
| BHU-35/27 | 167.80 | 168.10 | 0.30 | 0.30 | 100 | -do- | Pyrr = 1-2, Asp = 2-3 | 125 | 75 | <25 | 25 | 150 | <5 | 0.55 |
| BHU-35/28 | 168.10 | 168.40 | 0.30 | 0.30 | 100 | -do- | Pyrr = 1-2, Asp = 2-3 | 100 | 50 | <25 | 25 | 50 | <5 | 0.45 |
| BHU-35/29 | 168.40 | 168.70 | 0.30 | 0.30 | 100 | -do- | Pyrr & Asp rare | 25 | 50 | <25 | 25 | 25 | <5 | 0.23 |
| BHU-35/30 | 168.70 | 169.00 | 0.30 | 0.30 | 100 | -do- | Asp = 1-2, Pyrr rare | 50 | 75 | <25 | 25 | 50 | <5 | 0.20 |
| BHU-35/31 | 169.00 | 169.30 | 0.30 | 0.30 | 100 | -do- | Asp = 2-3, Py = 0.3 | 100 | 50 | <25 | 25 | 25 | <5 | 0.20 |
| BHU-35/32 | 169.30 | 169.60 | 0.30 | 0.30 | 100 | -do- | Pyrr = 1-2, Asp = 0.5 | 100 | 75 | <25 | 25 | 25 | <5 | 0.20 |
| BHU-35/33 | 169.60 | 169.95 | 0.35 | 0.35 | 100 | -do- | Pyrr = 1-2, Asp = 2-3 | 75 | 50 | <25 | 25 | 25 | <5 | 0.19 |
| BHU-35/34 | 169.95 | 170.30 | 0.35 | 0.35 | 100 | -do- | Pyrr = 1-2, Asp = 2-3 | 25 | 50 | <25 | 25 | 50 | <5 | 0.20 |
| BHU-35/35 | 170.30 | 170.65 | 0.35 | 0.35 | 100 | -do- | Pyrr = 1-2, Asp = 2-3 | 50 | 75 | <25 | 25 | 25 | <5 | 0.30 |
| BHU-35/36 | 170.65 | 171.00 | 0.35 | 0.35 | 100 | -do- | Pyrr & Asp rare | 25 | 75 | <25 | 25 | <25 | <5 | 0.18 |
| BHU-35/37 | 171.00 | 171.35 | 0.35 | 0.34 | 97 | -do- | Pyrr = 1-2, Asp = 1-2 | 25 | 75 | <25 | 25 | 25 | <5 | 0.18 |
| BHU-35/38 | 171.35 | 171.70 | 0.35 | 0.34 | 97 | -do- | Pyrr = 1-2, Asp = 1-2 | 150 | 50 | <25 | 25 | 25 | <5 | 0.17 |
| BHU-35/39 | 171.70 | 172.05 | 0.35 | 0.34 | 97 | Tremolite rich dolomite marble | Pyrr = 1-2, Asp = 1-2 | 75 | 50 | <25 | 25 | <25 | <5 | 0.24 |
| BHU-35/40 | 172.05 | 172.40 | 0.35 | 0.34 | 97 | -do- | Pyrr = 1-2, Asp = 1-2 | 125 | 75 | <25 | 25 | 25 | <5 | 0.44 |
| BHU-35/41 | 172.40 | 172.75 | 0.35 | 0.34 | 97 | -do- | Rare specks of sulphide | 50 | 75 | <25 | 25 | 25 | <5 | 0.24 |

APPENDIX-XXXVI

## DETAILS OF CORE SAMPLING AND ANALYTICAL RESULTS OF BORE HOLE NO. - NCB-9 NORTH-CENTRAL BLOCK, BHUKIA GOLD INVESTIGATION, BANSWARA DISTRICT, RAJASTHAN.

| S. No. | Sample From | Sample To. | Sample Diff. | Adj. Length | Rec % | Description | Chemical analysis (in ppm) Cu | Pb | Zn | Ni | Co | Ag | Au |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 29.10 | 29.35 | 0.25 | 0.23 | 92.00 | Coarse crystalline dolomite marble with rare specks of sulphides | <25 | 50 | 25 | <25 | <25 | 5 | 0.3 |
| 2 | 29.35 | 29.60 | 0.25 | 0.23 | 92.00 | - do - | <25 | 50 | <25 | <25 | <25 | 5 | 0.07 |
| 3 | 29.60 | 29.85 | 0.25 | 0.23 | 92.00 | - do - | 100 | 50 | <25 | <25 | <25 | <5 | 0.18 |
| 4 | 29.85 | 30.10 | 0.25 | 0.23 | 92.00 | - do - | 75 | 50 | <25 | 25 | 25 | 5 | 0.25 |
| 5 | 30.10 | 30.35 | 0.25 | 0.24 | 96.00 | Coarse crystalline dolo marble with Pyrr 1-2%, Asp & cpy rare specks | 25 | 50 | <25 | <25 | <25 | <5 | 0.3 |
| 6 | 30.35 | 30.60 | 0.25 | 0.24 | 96.00 | - do - | - | 50 | 25 | 100 | 25 | <5 | 0.42 |
| 7 | 30.60 | 30.85 | 0.25 | 0.25 | 100 | - do - | 50 | 50 | <25 | <25 | <25 | <5 | 0.23 |
| 8 | 30.85 | 31.10 | 0.25 | 0.25 | 100 | - do - | 25 | 50 | <25 | <25 | <25 | 5 | 0.48 |
| 9 | 31.10 | 31.30 | 0.20 | 0.18 | 90.00 | - do - | <25 | 50 | 25 | 25 | <25 | 5 | 0.19 |
| 10 | 31.30 | 31.55 | 0.25 | 0.22 | 88.00 | Coarse crystalline dolo marble with Pyrr 2-3%,Asp & cpy rare specks | 25 | 50 | 25 | <25 | <25 | <5 | 0.12 |
| 11 | 31.55 | 31.80 | 0.25 | 0.22 | 88.00 | - do - | <25 | 50 | 25 | <25 | <25 | <5 | 0.34 |
| 12 | 31.80 | 32.05 | 0.25 | 0.22 | 88.00 | Coarse crystalline dolo marble with Asp 1-2%, Pyrr 1-2% | <25 | 50 | 25 | <25 | <25 | <5 | 0.17 |
| 13 | 32.05 | 32.30 | 0.25 | 0.22 | 88.00 | Coarse crystalline dolo marble with Asp 2-3%, Pyrr 1-2% | 50 | 50 | 25 | <25 | <25 | <5 | 0.34 |
| 14 | 32.30 | 32.55 | 0.25 | 0.22 | 88.00 | Coarse crystalline dolo marble with Asp 2-3%, Pyrr 1-2% | 75 | 50 | 25 | 25 | <25 | <5 | 0.29 |
| 15 | 32.55 | 32.80 | 0.25 | 0.22 | 88.00 | Coarse crystalline dolomitic marble Pyrr 1-2%, Asp ~1% | <25 | 50 | 25 | 25 | <25 | <5 | 0.27 |
| 16 | 32.80 | 33.05 | 0.25 | 0.22 | 88.00 | - do - | <25 | 50 | 25 | <25 | <25 | <5 | 0.95 |
| 17 | 33.05 | 33.30 | 0.25 | 0.22 | 88.00 | Coarse crystalline dolomitic marble, sulphides rare | <25 | 50 | 25 | 50 | <25 | <5 | 0.42 |
| 18 | 33.30 | 33.55 | 0.25 | 0.22 | 88.00 | Coarse crystalline dolomitic marble, Pyrr 2-3% Asp & cpy rare specks | 100 | 50 | 25 | 25 | <25 | <5 | 0.38 |
| 19 | 33.55 | 33.80 | 0.25 | 0.22 | 88.00 | - do - | 25 | 50 | <25 | 25 | <25 | 5 | 0.37 |
| 20 | 33.80 | 34.10 | 0.30 | 0.29 | 96.67 | Coarse crystalline dolomitic marble Pyrr 2-3%,Asp 1-2%, cpy, rare | 50 | 50 | 25 | <25 | <25 | <5 | 0.51 |
| 21 | 34.10 | 34.40 | 0.30 | 0.29 | 96.67 | - do - | 25 | 50 | <25 | <25 | <25 | <5 | 0.45 |

| S. No. | Sample From | To. | Diff. | Adj. Length | Rec % | Description | Chemical analysis (in ppm) Cu | Pb | Zn | Ni | Co | Ag | Au |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 22 | 34.40 | 34.65 | 0.25 | 0.23 | 92.00 | Coarse crystalline dolomitic marble Pyrr 1-2%, Asp & cpy, rare | 125 | 50 | <25 | <25 | <25 | <5 | 0.3 |
| 23 | 34.65 | 34.90 | 0.25 | 0.23 | 92.00 | Coarse crystalline dolomitic marble Pyrr 1-2%,Asp 1-2%, cpy, rare | 100 | 50 | <25 | <25 | 25 | <5 | 0.37 |
| 24 | 34.90 | 35.15 | 0.25 | 0.23 | 92.00 | - do - | <25 | 50 | <25 | <25 | 25 | <5 | 0.41 |
| 25 | 35.15 | 35.40 | 0.25 | 0.23 | 92.00 | Coarse crystalline dolomitic marble Pyrr 1-2% ,Asp 3-4%, cpy, rare | 100 | 50 | <25 | 25 | 100 | <5 | 0.34 |
| 26 | 35.40 | 35.65 | 0.25 | 0.23 | 92.00 | - do - | 150 | 50 | <25 | 25 | 50 | <5 | 0.48 |
| 27 | 35.65 | 35.90 | 0.25 | 0.24 | 96.00 | Coarse crystalline dolomitic marble with rare of sulphides | 50 | 50 | <25 | <25 | <25 | <5 | 0.88 |
| 28 | 35.90 | 36.15 | 0.25 | 0.24 | 96.00 | Coarse crystalline dolomitic marble Pyrr 1-2%, Asp < 1% | 25 | 50 | <25 | <25 | <25 | <5 | 0.47 |
| 29 | 36.15 | 36.40 | 0.25 | 0.24 | 96.00 | - do - | 175 | 50 | <25 | 25 | <25 | <5 | 0.32 |
| 30 | 36.40 | 36.65 | 0.25 | 0.24 | 96.00 | Coarse crystalline dolomitic marble with rare specks of Pyrr & Asp | <25 | 50 | <25 | <25 | <25 | <5 | 0.4 |
| 31 | 36.65 | 36.90 | 0.25 | 0.24 | 96.00 | - do - | <25 | 50 | <25 | <25 | <25 | <5 | 0.19 |
| 32 | 36.90 | 37.15 | 0.25 | 0.24 | 96.00 | - do - | <25 | 50 | <25 | <25 | <25 | <5 | 0.07 |
| 33 | 37.15 | 37.40 | 0.25 | 0.24 | 96.00 | - do - | 25 | 50 | <25 | <25 | <25 | <5 | 0.06 |
| 34 | 37.40 | 37.65 | 0.25 | 0.19 | 76.00 | Coarse crystalline dolomitic marble tremolite rich with rare specks of Pyrr & Asp | 25 | <50 | <25 | <25 | <25 | <5 | 0.16 |
| 35 | 37.65 | 37.90 | 0.25 | 0.19 | 76.00 | - do - | <25 | <50 | <25 | <25 | <25 | <5 | 0.08 |
| 36 | 37.90 | 38.15 | 0.25 | 0.19 | 76.00 | Coarse crystalline dolomitic marble Asp 3-4% | <25 | <50 | <25 | 25 | 75 | <5 | 0.13 |
| 37 | 38.15 | 38.40 | 0.25 | 0.19 | 76.00 | Coarse crystalline dolomitic marble sheared Asp 1-2% | 125 | <50 | <25 | 25 | <25 | <5 | 0.09 |
| 38 | 38.40 | 38.65 | 0.25 | 0.19 | 76.00 | Coarse crystalline dolomitic marble highly sheared Asp rare specks | 75 | <50 | <25 | 25 | <25 | <5 | 0.14 |
| 39 | 38.65 | 38.90 | 0.25 | 0.19 | 76.00 | - do - | 50 | <50 | <25 | 25 | <25 | <5 | 0.1 |
| 40 | 38.90 | 39.15 | 0.25 | 0.19 | 76.00 | Coarse crystalline dolomitic marble Asp 3-5% ,Pyrr rare | 350 | <50 | <25 | 25 | 100 | <5 | 0.59 |
| 41 | 39.15 | 39.40 | 0.25 | 0.19 | 76.00 | Coarse crystalline dolomitic marble Asp 1-2%, Pyrr rare | 250 | <50 | <25 | <25 | 25 | 5 | 0.22 |
| 42 | 39.40 | 39.65 | 0.25 | 0.19 | 76.00 | Coarse crystalline dolomitic marble Asp 3-5% ,Pyrr rare | 100 | <50 | <25 | <25 | 50 | <5 | 0.15 |
| 43 | 39.65 | 39.90 | 0.25 | 0.19 | 76.00 | - do - | 175 | <50 | <25 | <25 | <25 | <5 | 0.1 |
| 44 | 39.90 | 40.20 | 0.30 | 0.26 | 86.67 | - do - | 150 | <50 | <25 | <25 | 25 | <5 | 0.32 |
| 45 | 40.20 | 40.45 | 0.25 | 0.25 | 100 | Tremolite rich coarse crystalline dolo marble, Pyrr rare specks Asp 2-3% | 350 | <50 | <25 | 25 | 75 | <5 | 0.54 |
| 46 | 40.45 | 40.70 | 0.25 | 0.25 | 100 | Tremolite rich coarse crystalline dolo marble, Asp 1-2%, Pyrr & cpy rare specks | 150 | <50 | <25 | <25 | 25 | <5 | 0.13 |
| 47 | 40.70 | 40.95 | 0.25 | 0.25 | 100 | - do - | 25 | <50 | <25 | <25 | <25 | <5 | 0.08 |

| S. No. | Sample | | | Adj. Length | Rec % | Description | Chemical analysis (in ppm) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | From | To. | Diff. | | | | Cu | Pb | Zn | Ni | Co | Ag | Au |
| 48 | 40.95 | 41.20 | 0.25 | 0.25 | 100 | Tremolite rich coarse crystalline dolo marble Asp 1-2%, Pyrr & cpy rare specks | 75 | <50 | <25 | <25 | 25 | <5 | 0.15 |
| 49 | 41.20 | 41.45 | 0.25 | 0.25 | 100 | -do - | <25 | <50 | <25 | <25 | 25 | 5 | 0.09 |
| 50 | 41.45 | 41.70 | 0.25 | 0.25 | 100 | Tremolite rich coarse crystalline dolo marble Asp 3-4%, Pyrr & cpy in traces | <25 | <50 | <25 | <25 | <25 | <5 | 0.09 |
| 51 | 41.70 | 41.95 | 0.25 | 0.25 | 100 | Tremolite rich coarse crystalline dolo marble Asp 1-2%, cpy ~1%, Pyrr rare | 75 | <50 | <25 | <25 | <25 | 5 | 0.05 |
| 52 | 41.95 | 42.20 | 0.25 | 0.25 | 100 | - do - | 125 | <50 | <25 | <25 | <25 | <5 | 0.18 |
| 53 | 42.20 | 42.45 | 0.25 | 0.25 | 100 | - do - | 25 | <50 | <25 | <25 | <25 | <5 | 0.07 |
| 54 | 42.45 | 42.70 | 0.25 | 0.25 | 100 | Tremolite rich coarse crystalline dolo marble Asp 1-2%, Pyrr & cpy in traces | <25 | <50 | <25 | <25 | 50 | <5 | 0.1 |
| 55 | 42.70 | 43.00 | 0.30 | 0.30 | 100 | Tremolite rich coarse crystalline dolo marble rare specks of sulphides | <25 | <50 | <25 | <25 | <25 | <5 | 0.14 |
| 56 | 43.00 | 43.30 | 0.30 | 0.30 | 100 | - do - | 25 | <50 | <25 | <25 | <25 | <5 | 0.12 |
| 57 | 43.30 | 43.55 | 0.25 | 0.24 | 96.00 | Tremolite rich coarse crystalline dolo marble Asp 3-4%, Pyrr in trace cpy ~1% | 75 | <50 | <25 | <25 | 50 | <5 | 0.18 |
| 58 | 43.55 | 43.80 | 0.25 | 0.24 | 96.00 | - do - | 250 | <50 | <25 | <25 | 25 | <5 | 0.14 |
| 59 | 43.80 | 44.05 | 0.25 | 0.25 | 100 | Coarse crystalline dolo marble with Asp 3-4%, Pyrr 2-3%, cpy ~1% | 100 | <50 | <25 | <25 | <25 | <5 | 0.11 |
| 60 | 44.05 | 44.30 | 0.25 | 0.25 | 100 | Coarse crystalline dolo marble with Asp 1-2%,Pyrr 1-2%, cpy in traces | 100 | <50 | <25 | <25 | <25 | <5 | 0.14 |
| 61 | 44.30 | 44.55 | 0.25 | 0.25 | 100 | - do - | 200 | <50 | <25 | 75 | 25 | <5 | 0.18 |
| 62 | 44.55 | 44.80 | 0.25 | 0.25 | 100 | Coarse crystalline dolo marble with Asp 3-4%, Pyrr 3-4%, cpy 1-2% | 125 | <50 | <25 | 100 | 25 | <5 | 0.22 |
| 63 | 44.80 | 45.05 | 0.25 | 0.25 | 100 | - do - | 300 | <50 | <25 | 100 | <25 | <5 | 0.17 |
| 64 | 45.05 | 45.30 | 0.25 | 0.25 | 100 | Coarse crystalline dolo marble with Asp 3-4%, Pyrr 1-2%, cpy < 1% | 350 | <50 | <25 | 125 | 100 | <5 | 0.69 |
| 65 | 45.30 | 45.55 | 0.25 | 0.25 | 100 | - do - | 175 | <50 | <25 | 100 | 50 | <5 | 0.23 |
| 66 | 45.55 | 45.80 | 0.25 | 0.25 | 100 | Coarse crystalline dolo marble with Asp 1-2%, Pyrr & cpy rare | 100 | <50 | <25 | 100 | 25 | <5 | 0.21 |
| 67 | 45.80 | 46.10 | 0.30 | 0.30 | 100 | Coarse crystalline dolo marble with Asp 3-4%, Pyrr 3-4%, cpy ~1% | 200 | <50 | <25 | 125 | 50 | <5 | 0.32 |
| 68 | 46.10 | 46.35 | 0.25 | 0.25 | 100 | Coarse crystalline dolo marble with Asp 3-4%, Pyrr 1-2%, cpy rare | 175 | <50 | <25 | 125 | 75 | <5 | 0.21 |

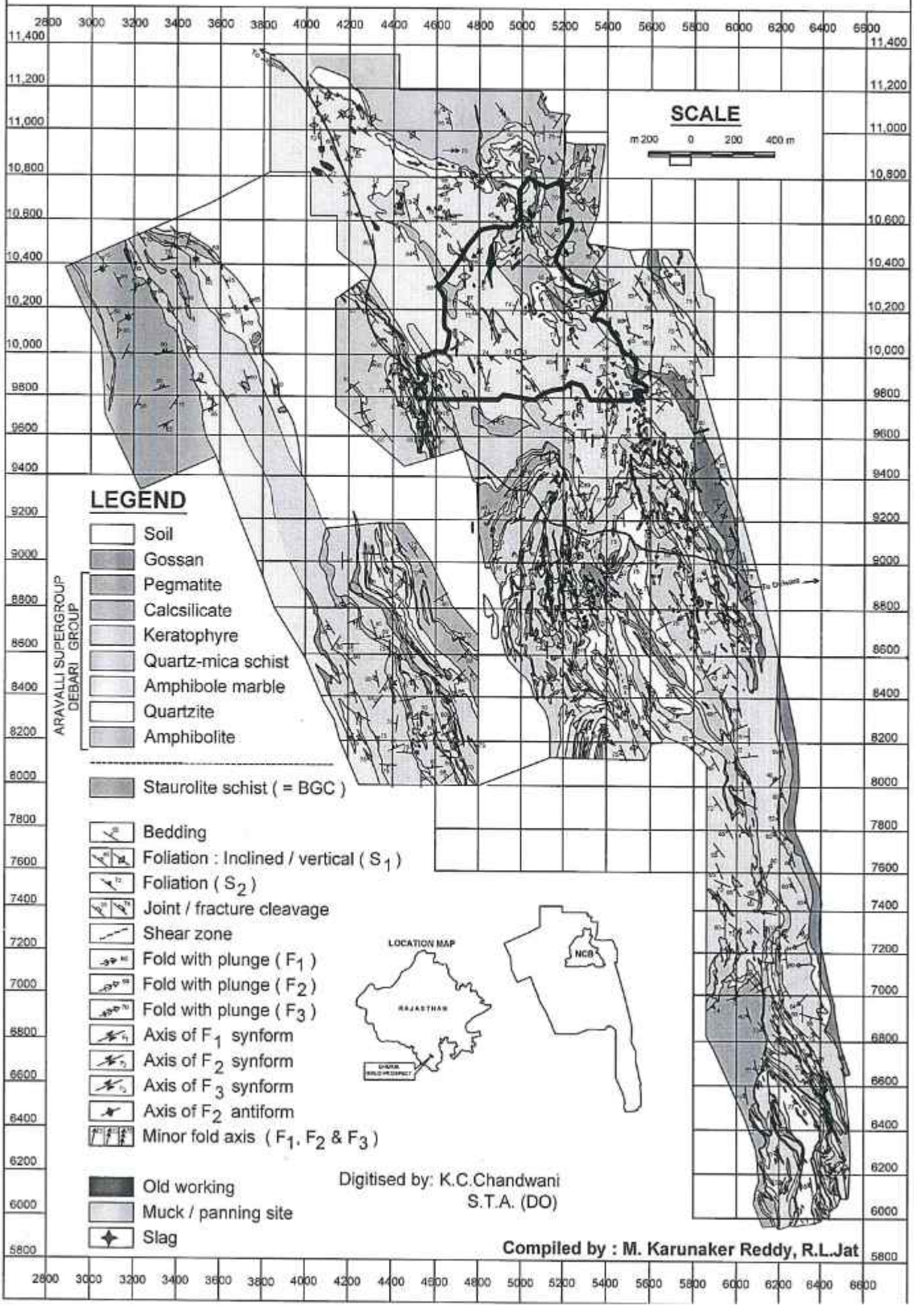
| S. No. | Sample From | Sample To. | Sample Diff. | Adj. Length | Rec % | Description | Chemical analysis (in ppm) Cu | Pb | Zn | Ni | Co | Ag | Au |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 69 | 46.35 | 46.60 | 0.25 | 0.25 | 100 | Coarse crystalline dolo marble with Asp 3-4%, Pyrr 1-2% cpy rare | 150 | <50 | <25 | 100 | 25 | <5 | 0.39 |
| 70 | 46.60 | 46.85 | 0.25 | 0.25 | 100 | do Aso 1-2%, cpy + Pyrr rare | 50 | <50 | <25 | 100 | <25 | <5 | <0.05 |
| 71 | 46.85 | 47.10 | 0.25 | 0.25 | 100 | Coarse crystalline dolo marble with Asp 2-3%, Pyrr 2-3%, cpy in traces | 75 | <50 | <25 | 100 | <25 | <5 | 0.09 |
| 72 | 47.10 | 47.35 | 0.25 | 0.25 | 100 | Coarse crystalline dolo marble with Asp 1-2%, Pyrr rare specks | 25 | <50 | <25 | 125 | <25 | <5 | <0.05 |
| 73 | 47.35 | 47.60 | 0.25 | 0.25 | 100 | - do - | 50 | <50 | <25 | 75 | <25 | <5 | 0.05 |
| 74 | 47.60 | 47.85 | 0.25 | 0.25 | 100 | Coarse crystalline dolo marble with Asp 3-4%, Pyrr & cpy rare | 175 | <50 | <25 | 75 | 25 | <5 | 0.25 |
| 75 | 47.85 | 48.10 | 0.25 | 0.25 | 100 | - do - | 150 | <50 | <25 | 125 | <25 | <5 | 0.06 |
| 76 | 48.10 | 48.35 | 0.25 | 0.25 | 100 | Coarse crystalline dolo marble with Asp 1-2%, Pyrr & cpy rare | 25 | <50 | <25 | 125 | <25 | <5 | <0.05 |
| 77 | 48.35 | 48.60 | 0.25 | 0.25 | 100 | Coarse crystalline dolo marble with Asp 3-4%, Pyrr 1-2%, cpy 1-2% | 75 | <50 | <25 | 175 | <25 | <5 | 0.15 |
| 78 | 48.60 | 48.85 | 0.25 | 0.23 | 92.00 | Amphibole rich sheared dolo marble Asp 3-4%,Pyrr 1-2%, cpy 2-3% | 500 | <50 | <25 | 100 | <25 | <5 | 0.58 |
| 79 | 48.85 | 49.10 | 0.25 | 0.23 | 92.00 | Amphibole rich sheared dolo marble Asp 1-2%, Pyrr & cpy rare | 100 | <50 | <25 | 125 | <25 | <5 | 0.11 |
| 80 | 49.10 | 49.35 | 0.25 | 0.24 | 96.00 | Amphibole rich sheared dolo marble Asp 2-3%, Pyrr & cpy rare | 150 | <50 | <25 | 150 | <25 | <5 | <0.05 |
| 81 | 49.35 | 49.60 | 0.25 | 0.25 | 99.60 | - do - | 800 | <50 | <25 | 125 | <25 | <5 | 0.64 |
| 82 | 49.60 | 49.90 | 0.30 | 0.28 | 93.33 | Amphibole rich sheared dolo marble Asp 1-2%, Pyrr < 1% & cpy 1-2% | 225 | <50 | <25 | 125 | 50 | <5 | 1.2 |
| 83 | 49.90 | 50.20 | 0.30 | 0.28 | 93.33 | Intensely sheared amphibole rich marble sulphides rare specks | 50 | <50 | <25 | 125 | <25 | <5 | 0.08 |
| 84 | 50.20 | 50.50 | 0.30 | 0.28 | 93.33 | Sheared dolo marble sulphides rare specks | 25 | <50 | <25 | 100 | <25 | <5 | 0.14 |
| 85 | 62.70 | 62.95 | 0.25 | 0.25 | 100 | Sheared dolo marble cpy 1-2%, Pyrr 1-2%, Asp rare | 150 | <50 | <25 | 100 | <25 | <5 | 0.1 |
| 86 | 62.95 | 63.20 | 0.25 | 0.25 | 100 | Sheared dolo marble cpy 3-5%, Pyrr 1-2%, Asp < 1% | 1200 | <50 | <25 | 150 | 75 | <5 | 0.13 |
| 87 | 63.20 | 63.45 | 0.25 | 0.25 | 100 | Sheared dolo marble cpy 1-2% Pyrr & Asp rare | 100 | <50 | <25 | 100 | <25 | <5 | 0.05 |
| 88 | 63.45 | 63.70 | 0.25 | 0.25 | 100 | Sheared dolo marble with rare specks of sulphides | 175 | <50 | <25 | 150 | <25 | <5 | 0.11 |
| 89 | 63.70 | 63.95 | 0.25 | 0.25 | 100 | - do - | 150 | <50 | <25 | 125 | <25 | <5 | 0.05 |
| 90 | 63.95 | 64.20 | 0.25 | 0.25 | 100 | - do - | 50 | <50 | <25 | 100 | <25 | <5 | 0.05 |
| 91 | 88.80 | 89.05 | 0.25 | 0.25 | 100 | Dolomitic marble with rare specks of Asp & cpy | 25 | <50 | <25 | 150 | <25 | <5 | 0.08 |

| S. No. | Sample From | To. | Diff. | Adj. Length | Rec % | Description | Chemical analysis (in ppm) Cu | Pb | Zn | Ni | Co | Ag | Au |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 92 | 89.05 | 89.30 | 0.25 | 0.25 | 100 | Dolomitic marble with Asp 1-2% cpy 1-2% | 50 | <50 | <25 | 125 | <25 | <5 | 0.06 |
| 93 | 89.30 | 89.60 | 0.30 | 0.30 | 100 | Dolomitic marble with Asp 1-2% cpy 1-2% | 25 | <50 | <25 | 125 | <25 | <5 | <0.05 |
| 94 | 89.60 | 89.85 | 0.25 | 0.22 | 88.00 | Coarse crystalline dolo marble Pyrr 1-2% Asp 1-2% | 75 | <50 | <25 | 150 | 100 | <5 | 0.08 |
| 95 | 89.85 | 90.10 | 0.25 | 0.22 | 88.00 | - do - | 125 | <50 | <25 | 125 | <25 | <5 | 0.07 |
| 96 | 90.10 | 90.35 | 0.25 | 0.22 | 88.00 | Coarse crystalline dolo marble; Asp 2-3%, cpy 1-2%, Pyrr rare | 1400 | <50 | <25 | 150 | <25 | <5 | 0.56 |
| 97 | 90.35 | 90.60 | 0.25 | 0.22 | 88.00 | - do - | 175 | <50 | <25 | 150 | <25 | <5 | 0.46 |
| 98 | 90.60 | 90.85 | 0.25 | 0.22 | 88.00 | Coarse crystalline dolo marble Asp 1-2%, Pyrr & cpy rare | 75 | <50 | <25 | 150 | <25 | <5 | 0.28 |
| 99 | 90.85 | 91.10 | 0.25 | 0.22 | 88.00 | - do - | 50 | <50 | <25 | 125 | <25 | <5 | 0.37 |
| 100 | 91.10 | 91.35 | 0.25 | 0.22 | 88.00 | - do - | 75 | <50 | <25 | 100 | <25 | <5 | 0.3 |
| 101 | 91.35 | 91.60 | 0.25 | 0.22 | 88.00 | Coarse crystalline dolo marble, sulphides rare specks | 25 | <50 | <25 | 75 | <25 | <5 | 0.11 |
| 102 | 91.60 | 91.85 | 0.25 | 0.22 | 88.00 | - do - | 50 | <50 | <25 | 125 | <25 | <5 | 0.22 |
| 103 | 91.85 | 92.10 | 0.25 | 0.22 | 88.00 | - do - | 25 | <50 | <25 | 125 | <25 | <5 | 0.22 |
| 104 | 92.10 | 92.35 | 0.25 | 0.22 | 88.00 | - do - | 25 | <50 | <25 | 125 | <25 | <5 | 0.33 |
| 105 | 92.35 | 92.60 | 0.25 | 0.22 | 88.00 | - do - | 25 | <50 | <25 | 100 | <25 | <5 | 0.54 |
| 106 | 92.60 | 92.80 | 0.20 | 0.18 | 90.00 | - do - | 25 | <50 | <25 | 100 | <25 | <5 | 0.07 |
| 107 | 143.20 | 143.45 | 0.25 | 0.24 | 96.00 | Sheared dolomitic marble cpy 2-3% Pyrr, & Asp rare | 500 | <50 | <25 | 100 | <25 | <5 | 0.08 |
| 108 | 143.45 | 143.70 | 0.25 | 0.24 | 96.00 | Sheared dolomitic marble; cpy 1-2%, Pyrr 2-3%, Asp rare | 500 | <50 | <25 | 125 | <25 | <5 | 0.08 |
| 109 | 143.70 | 143.95 | 0.25 | 0.24 | 96.00 | - do - | - | <50 | <25 | 100 | <25 | <5 | 0.08 |
| 110 | 143.95 | 144.20 | 0.25 | 0.24 | 96.00 | - do - | 700 | <50 | <25 | 150 | 50 | <5 | 0.1 |
| 111 | 144.20 | 144.45 | 0.25 | 0.24 | 96.00 | Sheared dolomitic marble; Asp 3-4%, Pyrite 1-2%, cpy 1-2% | 650 | <50 | <25 | 100 | 50 | <5 | 2.9 |
| 112 | 144.45 | 144.70 | 0.25 | 0.24 | 96.00 | - do - | 800 | <50 | <25 | 100 | 25 | <5 | 0.35 |
| 113 | 144.70 | 144.95 | 0.25 | 0.24 | 96.00 | Sheared dolomitic marble; Pyrite 1-2%, Pyrr & Asp rare | 800 | <50 | <25 | 100 | 25 | <5 | 0.15 |
| 114 | 144.95 | 145.20 | 0.25 | 0.24 | 96.00 | - do - | 300 | <50 | <25 | 100 | <25 | <5 | 0.5 |
| 115 | 145.20 | 145.45 | 0.25 | 0.24 | 96.00 | - do - | 150 | <50 | <25 | 125 | <25 | <5 | 0.5 |
| 116 | 145.45 | 145.70 | 0.25 | 0.24 | 96.00 | - do - | 175 | <50 | <25 | 100 | <25 | <5 | 0.59 |
| 117 | 145.70 | 146.00 | 0.30 | 0.30 | 100 | Sheared tremolite rich dolomitic marble sulphides rare specks | 400 | <50 | <25 | 75 | <25 | <5 | 0.06 |
| 118 | 146.00 | 146.30 | 0.30 | 0.30 | 100 | Sheared tremolite rich dolomitic marble; Pyrr 2-3%, Asp & cpy rare specks | 900 | <50 | <25 | 75 | <25 | <5 | 0.05 |
| 119 | 146.30 | 146.55 | 0.25 | 0.24 | 96.00 | Coarse crystalline dolo marble with fine disseminated specks of Asp, cpy & Pyrr | 175 | <50 | <25 | 50 | <25 | <5 | <0.05 |
| 120 | 146.55 | 146.80 | 0.25 | 0.24 | 96.00 | - do - | 900 | <50 | <25 | 75 | <25 | <5 | 0.15 |
| 121 | 146.80 | 147.05 | 0.25 | 0.24 | 96.00 | - do - | 200 | <50 | <25 | 100 | <25 | <5 | 0.12 |

| S. No. | Sample | | | Adj. Length | Rec % | Description | Chemical analysis (in ppm) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | From | To. | Diff. | | | | Cu | Pb | Zn | Ni | Co | Ag | Au |
| 122 | 147.05 | 147.30 | 0.25 | 0.24 | 96.00 | Coarse crystalline dolo marble with fine disseminated specks of Asp. cpy & Pyrr | 1700 | <50 | <25 | 125 | <25 | <5 | 0.34 |
| 123 | 147.30 | 147.55 | 0.25 | 0.24 | 96.00 | - do - | 450 | <50 | <25 | 100 | 25 | <5 | 0.2 |
| 124 | 147.55 | 147.80 | 0.25 | 0.24 | 96.00 | Coarse crystalline dolo marble, sulphides rare specks | 250 | <50 | <25 | 100 | <25 | <5 | 0.24 |
| 125 | 147.80 | 148.05 | 0.25 | 0.24 | 96.00 | - do - | 50 | <50 | <25 | 75 | <25 | <5 | 0.05 |
| 126 | 148.05 | 148.30 | 0.25 | 0.25 | 100 | - do - | 50 | <50 | <25 | 75 | <25 | <5 | 0.22 |
| 127 | 148.30 | 148.55 | 0.25 | 0.25 | 100 | - do - | 50 | <50 | <25 | 50 | <25 | <5 | 0.17 |
| 128 | 148.55 | 148.80 | 0.25 | 0.25 | 100 | - do - | 150 | <50 | <25 | 50 | <25 | <5 | 0.16 |
| 129 | 148.80 | 149.10 | 0.30 | 0.30 | 100 | - do - | 50 | <50 | <25 | 50 | <25 | <5 | 0.36 |
| 130 | 149.10 | 149.40 | 0.30 | 0.30 | 100 | - do - | 200 | <50 | <25 | 100 | <25 | <5 | 0.18 |

# GEOLOGICAL MAP OF BHUKIA GOLD PROSPECT BANSWARA DISTRICT, RAJASTHAN

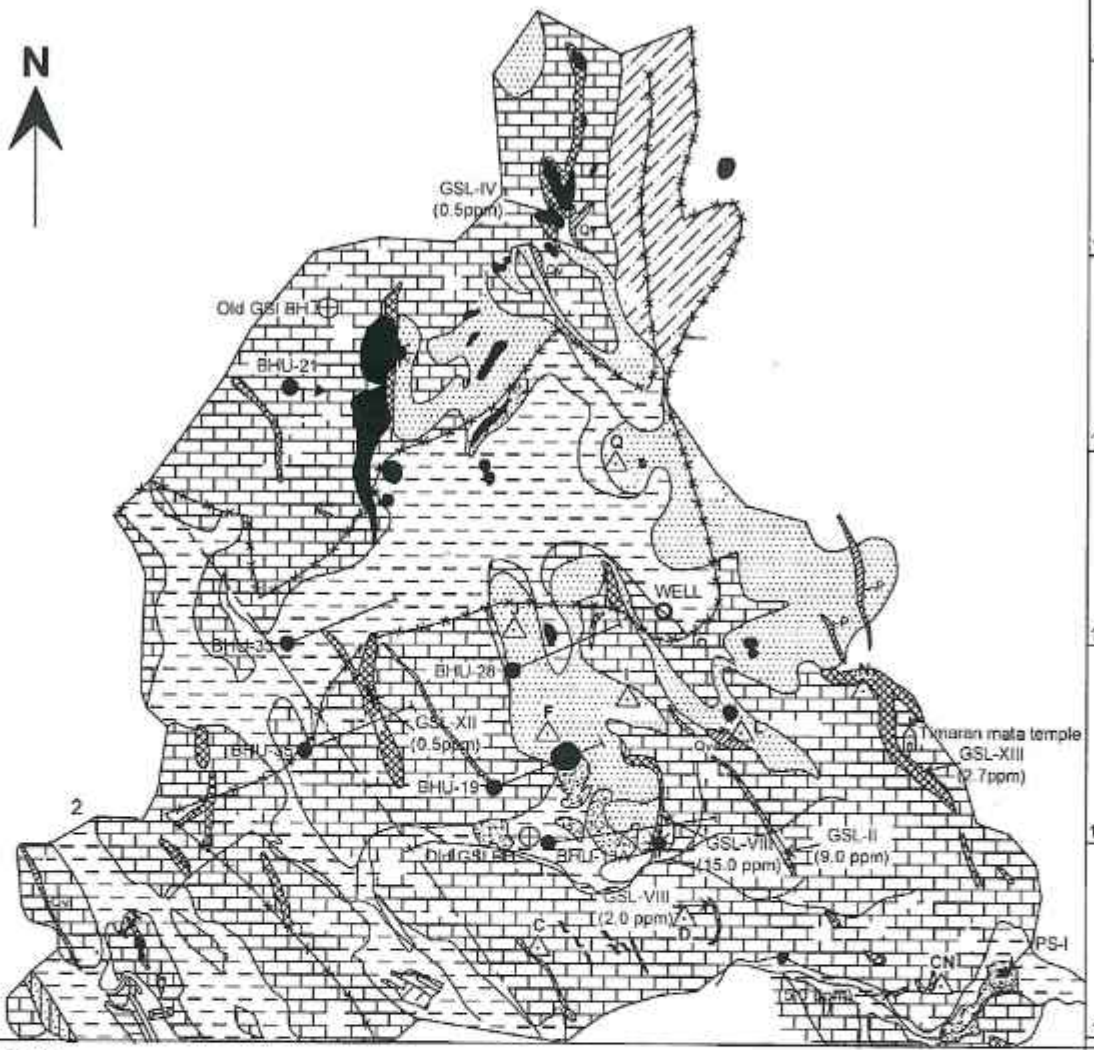
2010



# DETAILED GEOLOGICAL MAP OF PART OF NORTH AND CENTRAL BLOCK, BHUKIA-JAGPURA GOLD PROSPECT, GHATOL TEHSIL, BANSWARA DISTRICT, RAJASTHAN

## SCALE

m 20 0 20 40 60 80 100 m




## INDEX

- Alluvium
- Pegmatite / quartz vein
- Gossanised marble / gossan
- Gametieiferous quartz amphibole schist / amphibolite
- Dolomitic / impure (Amphibole marble) with bands of granodiorite / tuff
- Quartzite
- Quartz mica schist

**Ore resource = 2.16 mt**
**Average grade = 1.78 ppm**

- Bedding
- Schistosity ($S_1$)
- Schistosity ($S_2$)
- Fracture cleavege
- Joint / vertical
- Minor fold ($F_1$)
- Minor fold ($F_2$)
- Minor fold ($F_3$)
- Shear zone
- Nala / stream
- Forest boundary

- Triangulation station
- Well
- Hut
- Temple
- Previous / old G.S.I.borehole for copper
- Present borehole for gold
- Trench
- GSL-II Grove sample line (1992-99)
- Ancient mine working for gold (S shaft)
- Mine dump / muck
- Sg Slag dump

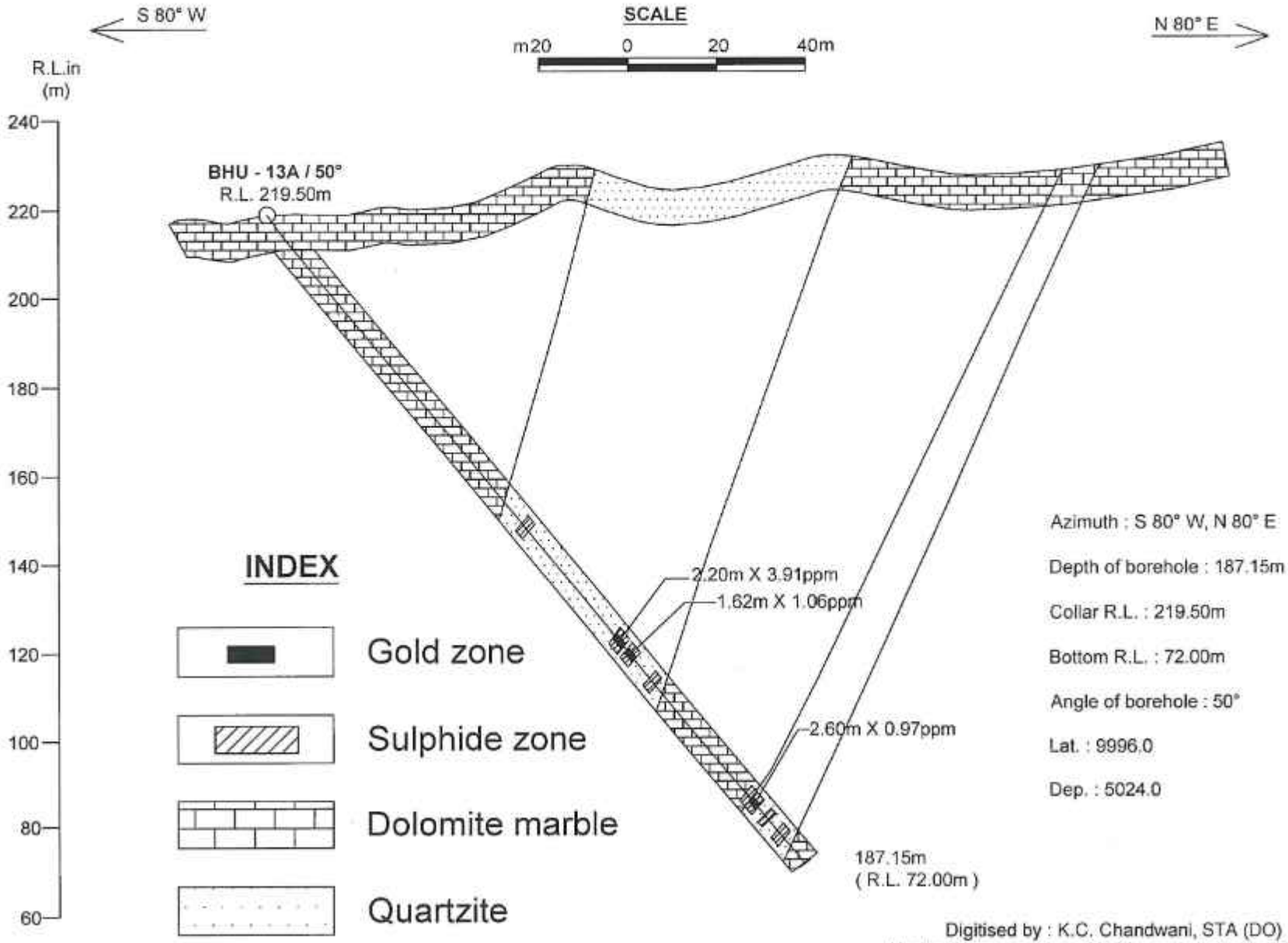
Surveyed by :- B.S.Rawat
S.T.A. (S)

Digitized by :- K.C.Chandwani STA. (DO)
Digital cartographic processing under the supervision of M. Karunaker Reddy, Director

Geology after :- A.K.Grover
R.G.Verma
Geologist (Sr.)

Plate-3

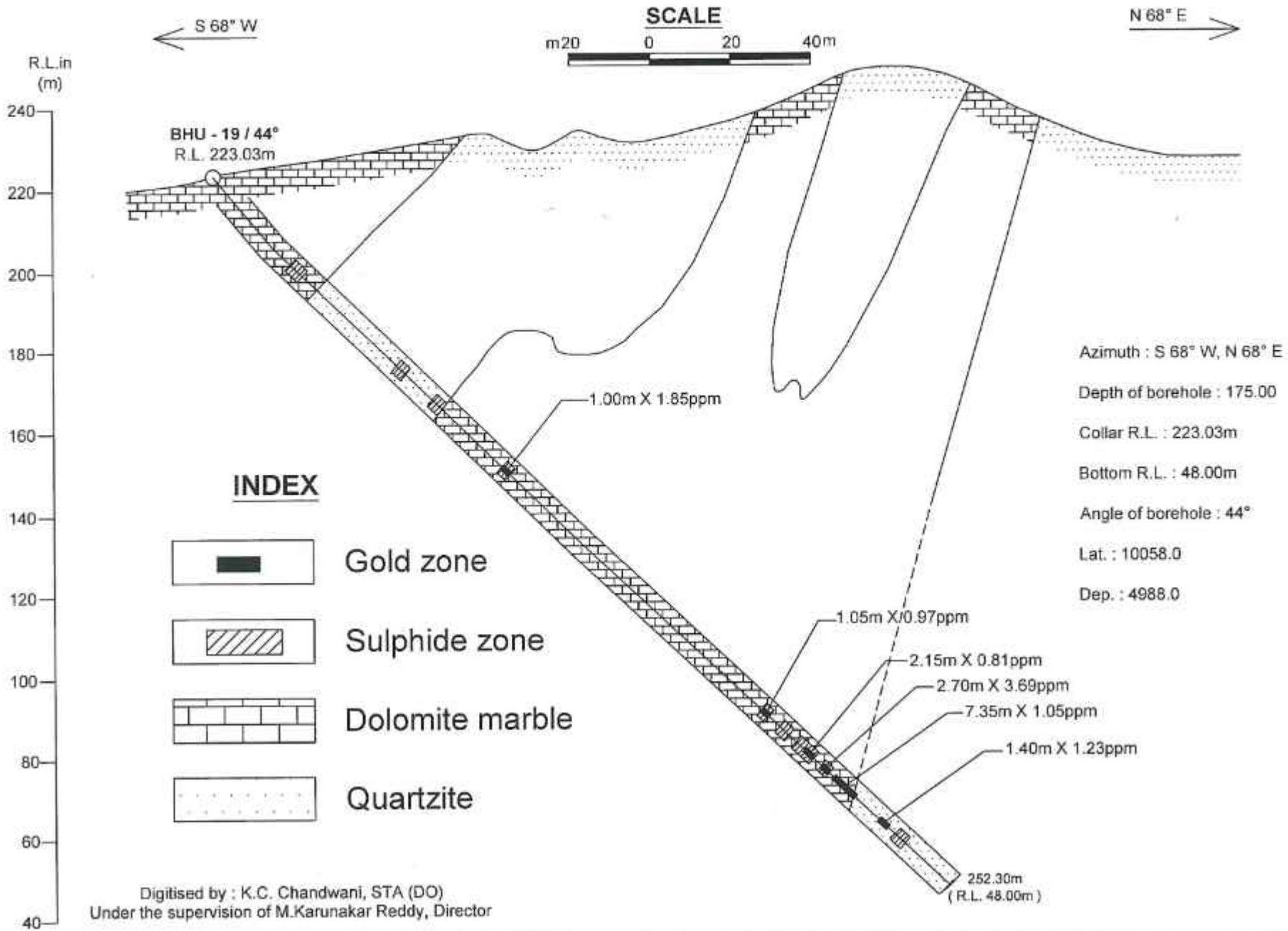
# GEOLOGICAL CROSS SECTION ALONG BOREHOLE BHU-13A, BHUKIA NORTH CENTRAL BLOCK, BANSWARA DISTRICT, RAJASTHAN




Digitised by : K.C. Chandwani, STA (DO)
Under the supervision of M.Karunakar Reddy, Director

Plate-4

# GEOLOGICAL CROSS SECTION ALONG BOREHOLE BHU-19, BHUKIA NORTH CENTRAL BLOCK, BANSWARA DISTRICT, RAJASTHAN

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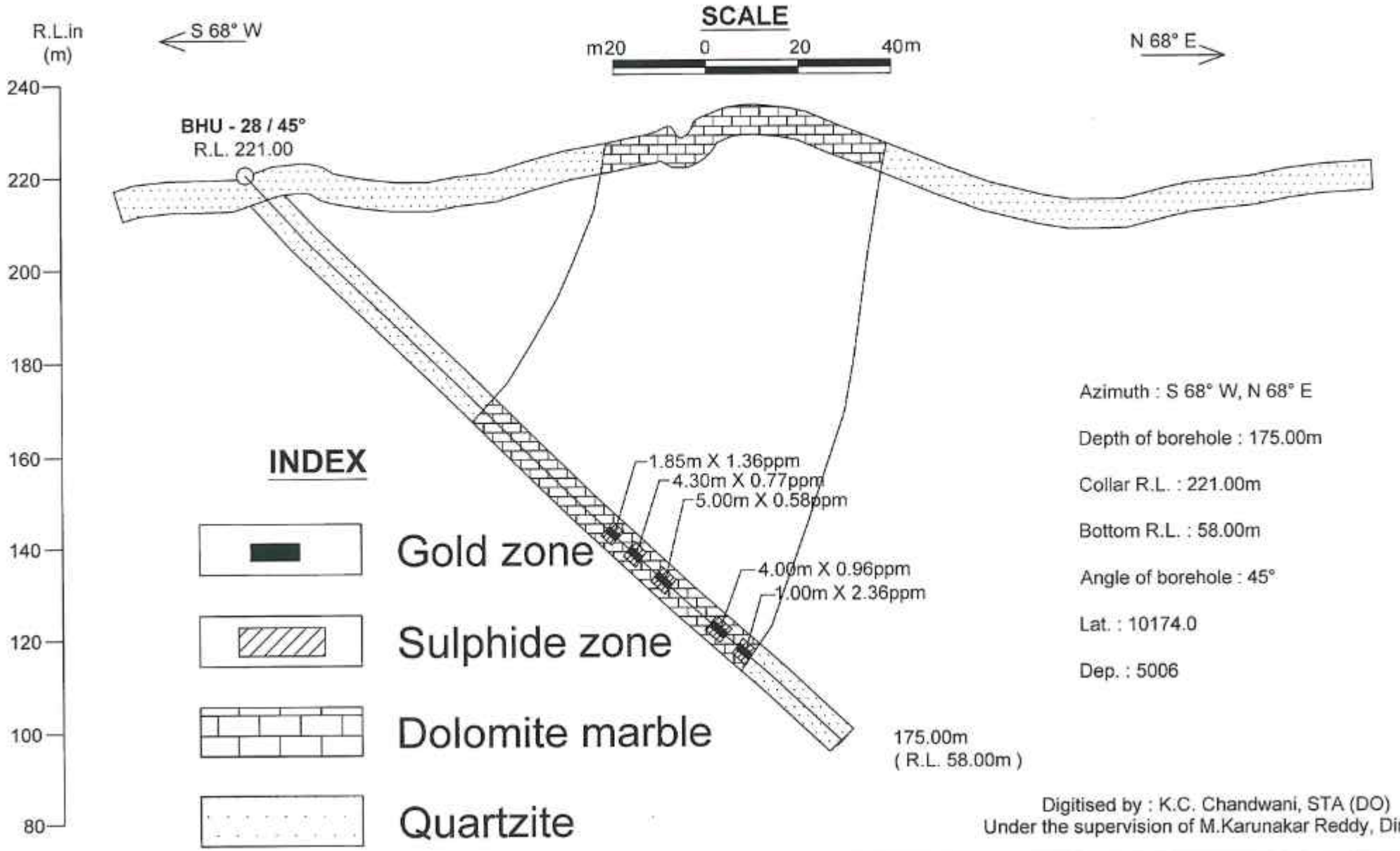
Under the supervision of M.Karunakar Reddy, Director

Plate-5

# GEOLOGICAL CROSS SECTION ALONG BOREHOLE BHU-28, BHUKIA NORTH CENTRAL BLOCK, BANSWARA DISTRICT, RAJASTHAN

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Under the supervision of M.Karunakar Reddy, Director

# GEOLOGICAL CROSS SECTION ALONG BOREHOLE BHU-33, BHUKIA NORTH CENTRAL BLOCK, BANSWARA DISTRICT, RAJASTHAN

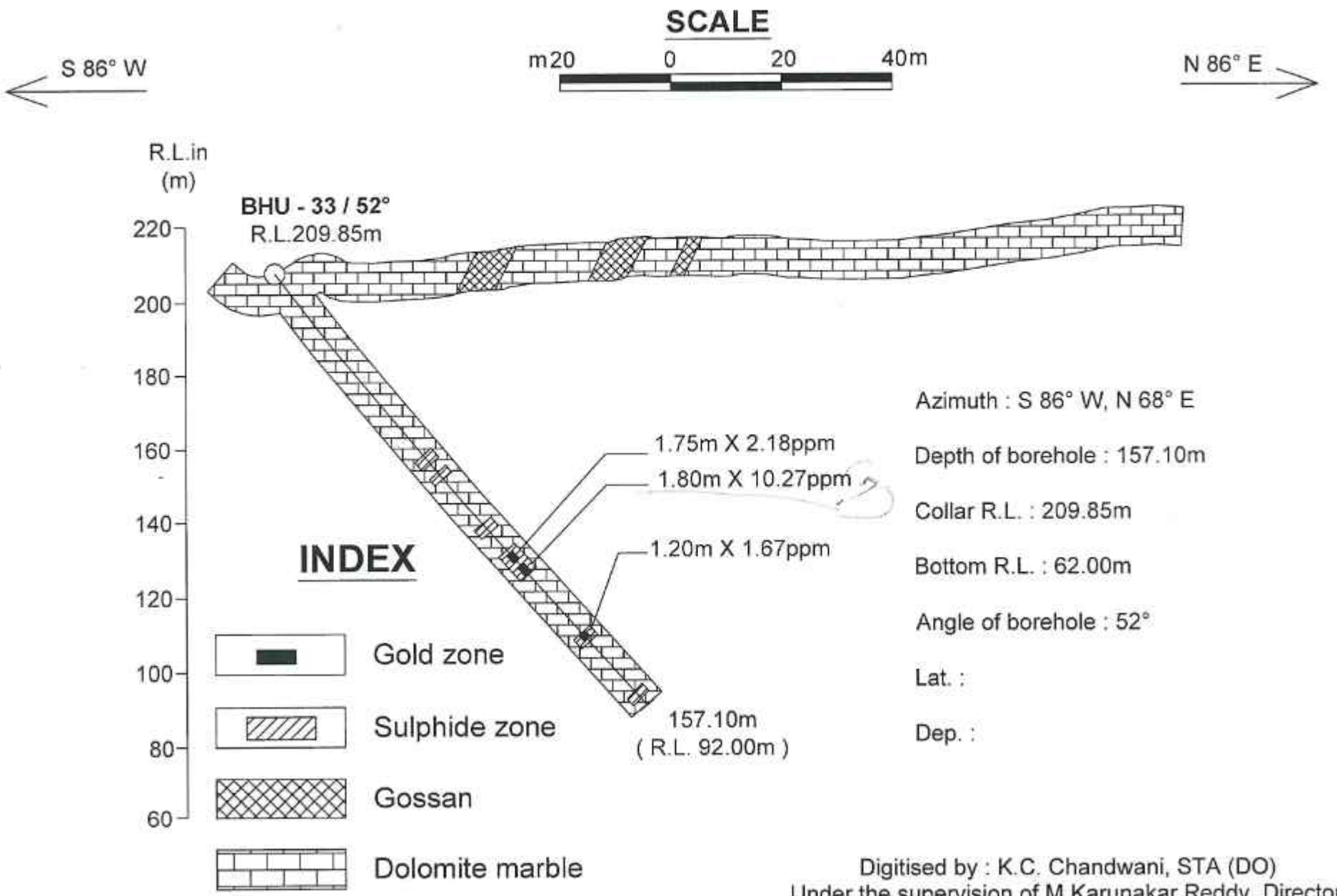


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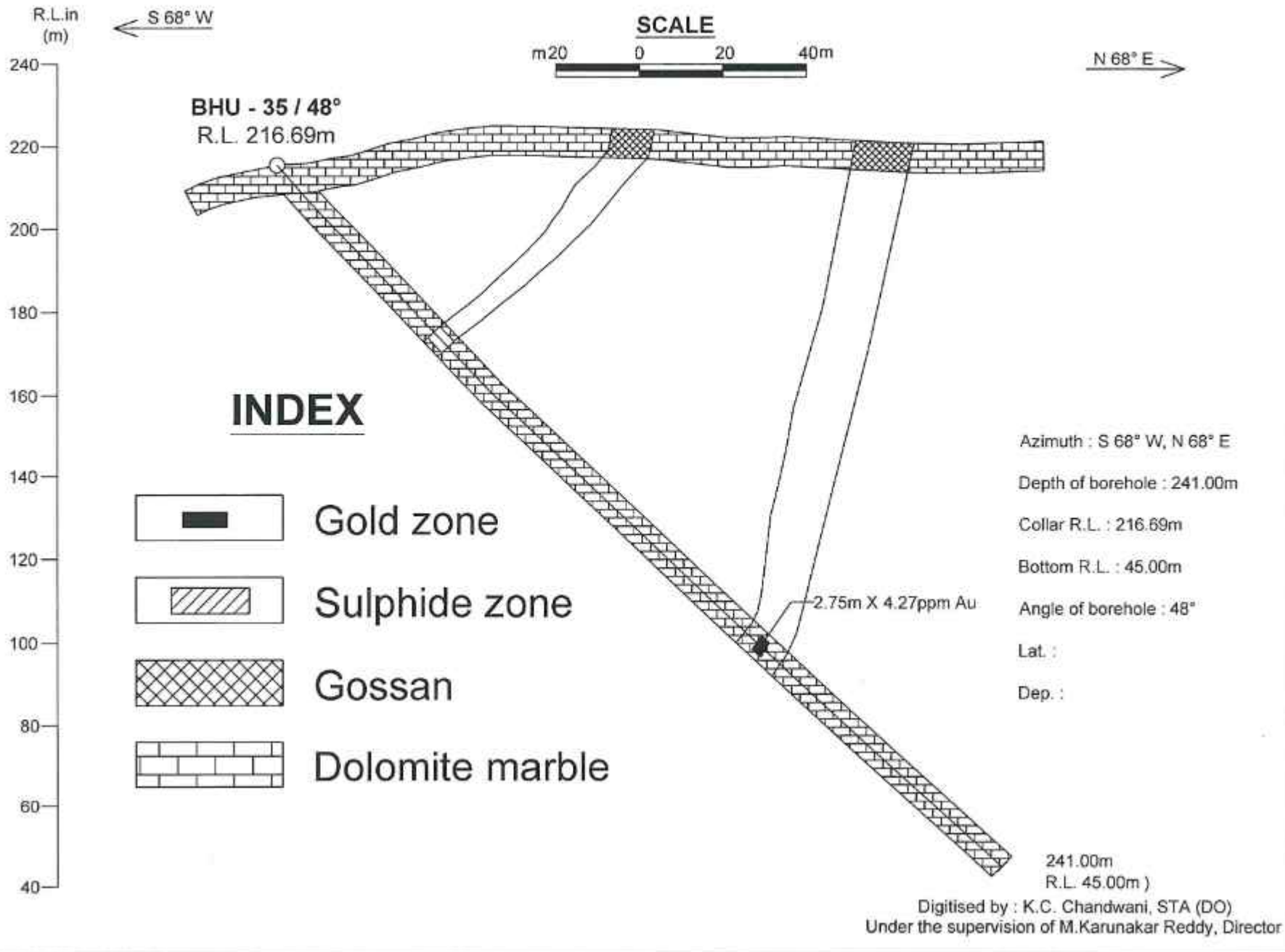
Plate-7

# GEOLOGICAL CROSS SECTION ALONG BOREHOLE BHU-35, BHUKIA NORTH CENTRAL BLOCK, BANSWARA DISTRICT, RAJASTHAN

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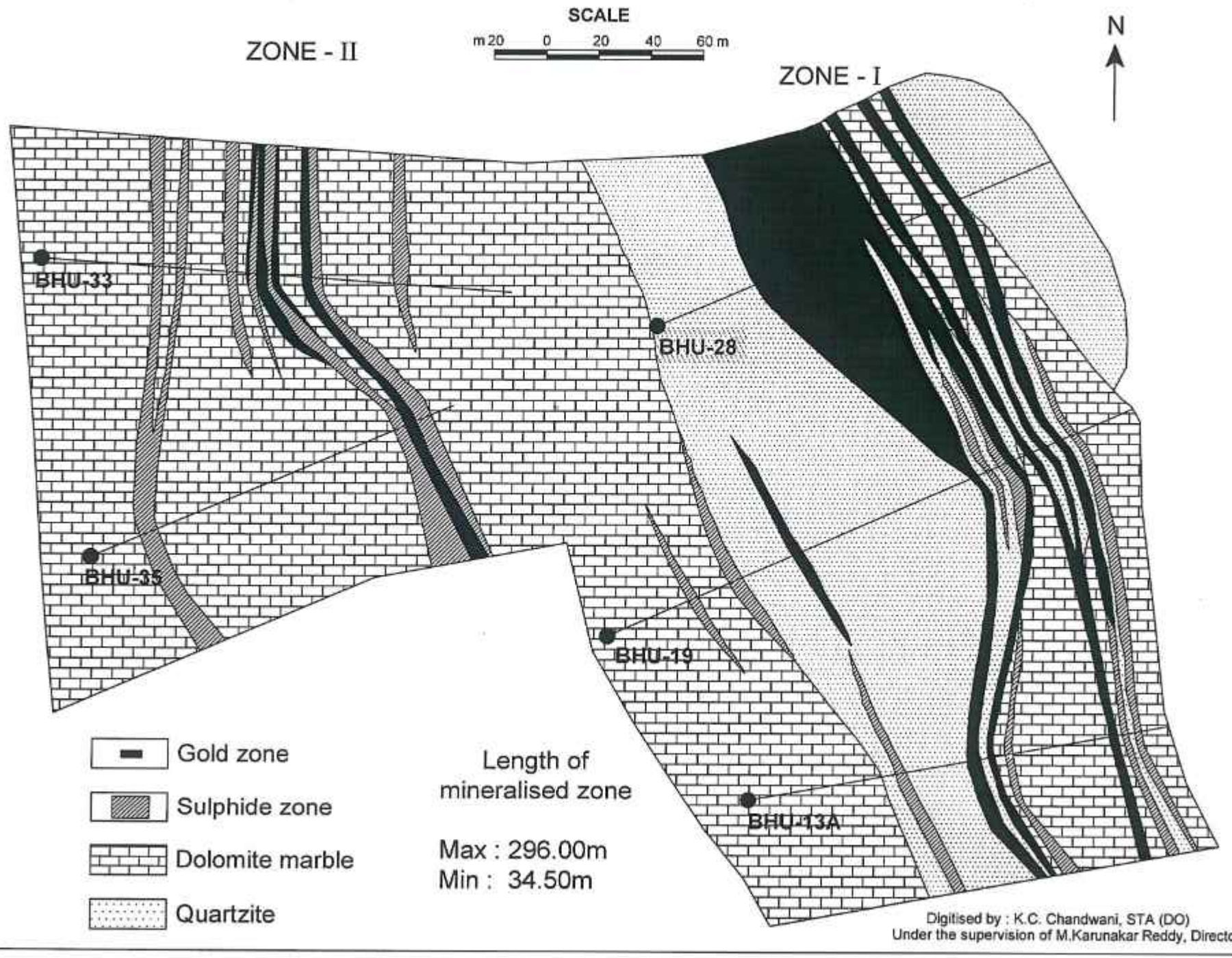
# LEVEL PLAN AT 160 R.L. BHUKIA NORTH CENTRAL BLOCK, BANSWARA DISTRICT, RAJASTHAN

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# L-V SECTION OF GOLD ZONE- II, BHUKIA NORTH CENTRAL BLOCK, BANSWARA DISTRICT, RAJASTHAN

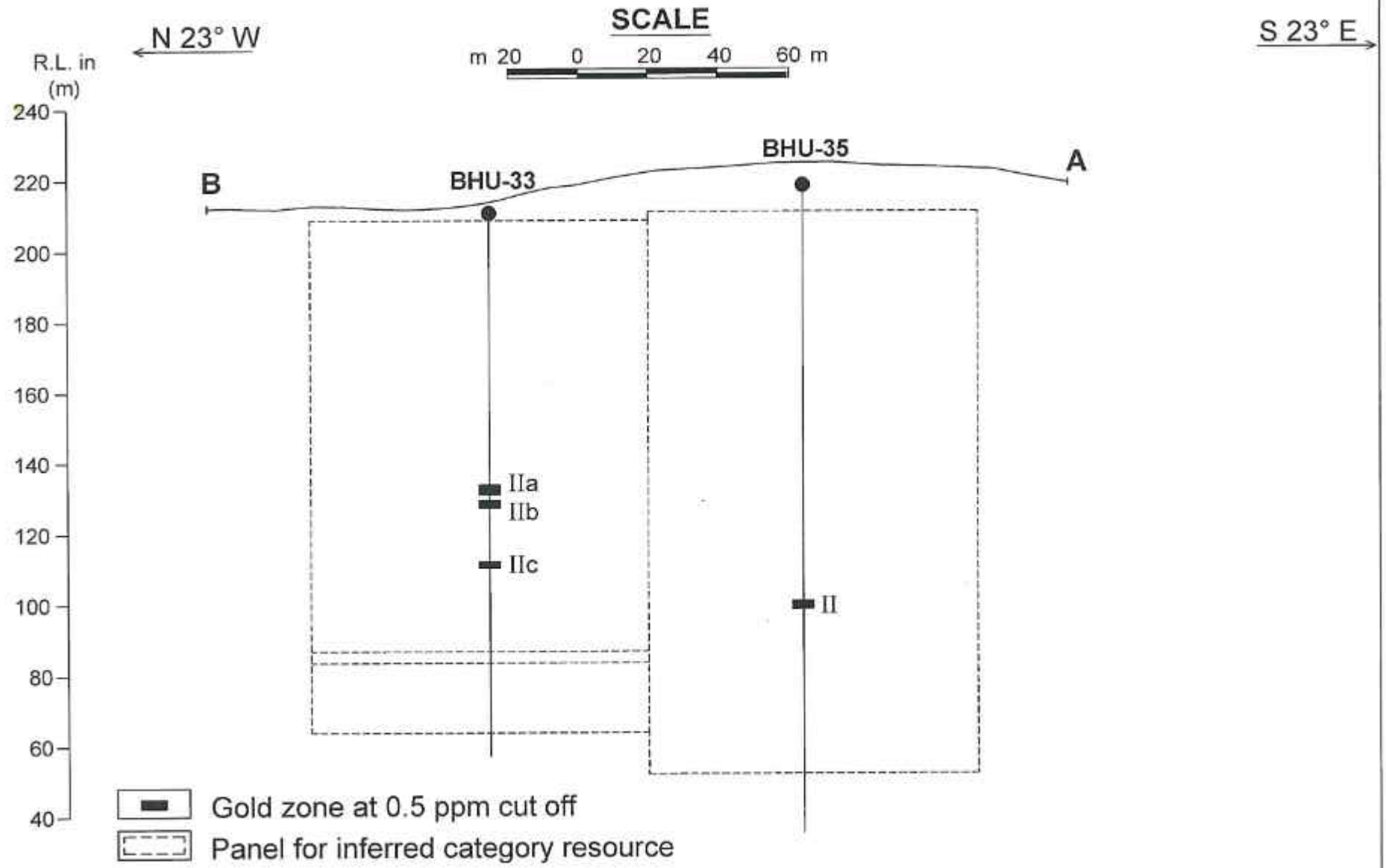


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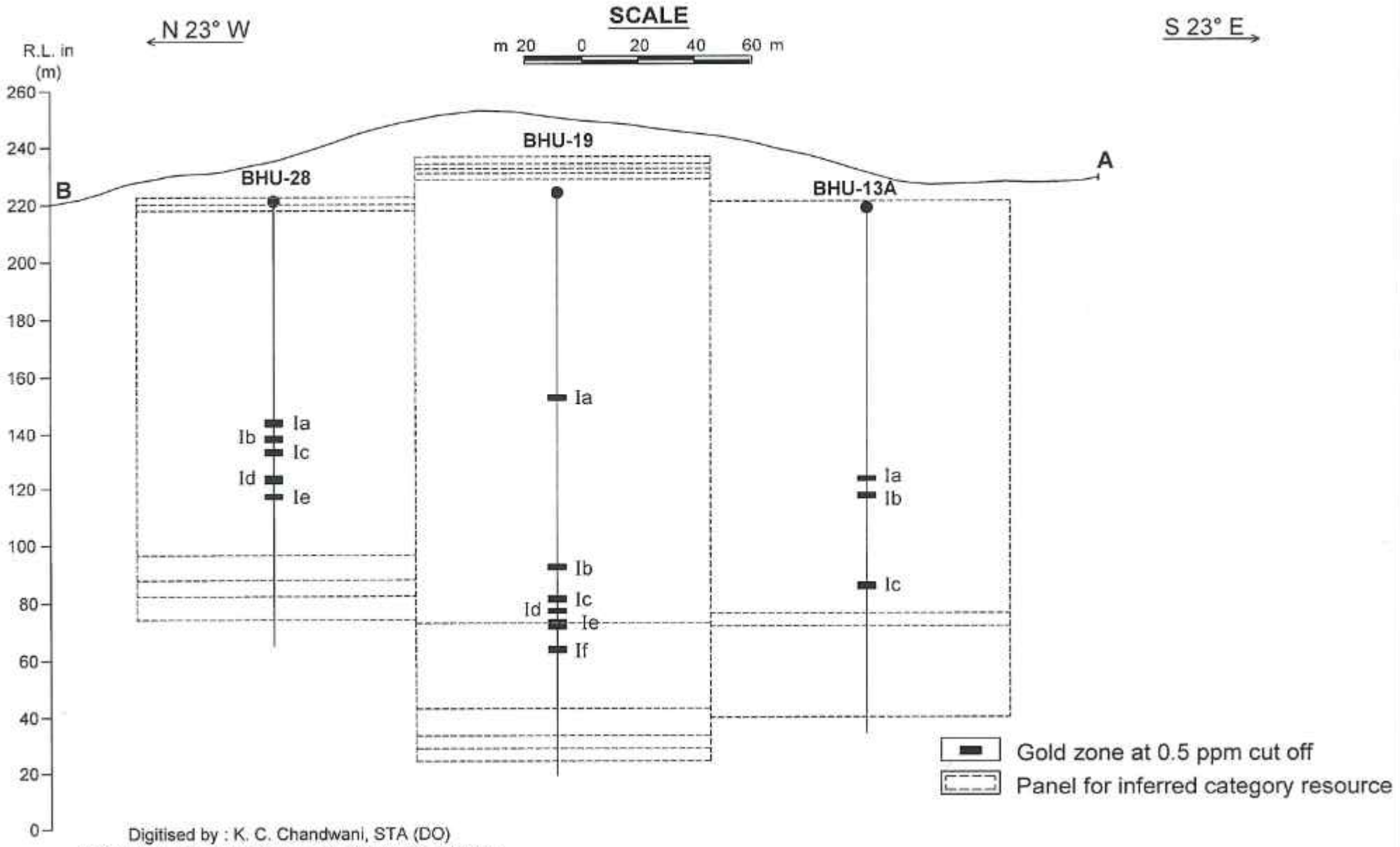
Plate-10

# L-V SECTION OF GOLD ZONE- II, BHUKIA NORTH CENTRAL BLOCK, BANSWARA DISTRICT, RAJASTHAN

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Under the supervision of M Karunakar Reddy, Director

Resource Assessment

# Bhukia South Central Block

Sub: Supplementary report in respect Bhukia South Central Block Dated: 17-3-2011

While scrutiny of the gold exploration reports for conversion of IBM NMI format as well as for compilation under item No 28 of Fs 2010-12, it was observed the resource calculation in the following reports pertaining to FS:1993-97 was not attempted, inspite of intersection of significant mineralisation zones and encouraging assay values above **0.5ppm cut off grade** over **stoping width of 1m** in Borehole No:BHU- 2, 15, 20, 24, 34, 38 and 39.

On my personal initiation, in the large interest of Government work it was decided to calculate the gold and copper ore resources in the North Central Block for augmentation of resources of the Bhukia prospect and the State / Nation. **The resource estimation has resulted a 3769840 tons (3.7mt) ore with 5550.72 kg of gold metal and 4496 tons of copper, 392.76 tons of cobalt and 357.46 tons of nickel. The average grade of gold is 1.47 g/t, 0.12% Copper, 104g/t Cobalt, 95 g/t of Nickel.**


1. Garhia, S. S., Jat, R. L., Nagar R.P.and Sivasankaran S. S. (2001). Investigation for gold in Anandpuri -Bhukia area, Banswara district, Rajasthan. Unpublished GSI report, FS 1996-97.
2. Grover, A.K. and Verma, R.G. Garhia, S.S., and Satish Kumar (1998). Investigation for gold in Anandpuri Bhukia area, Banswara district, Rajasthan. Unpub. Report, GSI for FS 1993 - 94.
3. Verma, R. G. (1999). Report on gold exploration in parts of southcentral and east blocks, Bhukia (Jagpura) gold prospect, Banswara district, Rajasthan. Unpub. Report GSI FS 1995 - 96.


In this report the main thrust is on calculation of gold , copper mineralised zones, preparation of level plans, LV sections, estimation of resources and digitization of detailed Geological map and other plates and presentation of the results, which was the objective of the item during exploration. The lithologs and assay values of core samples are presented as reported in the above mentioned reports for reference.

The draft report entitled "Supplementary report on resource estimation for gold and associated copper in South Central Block of Bhukia Prospect, Banswara district, Rajasthan" for FS 1993-97 is enclosed herewith for scrutiny and approval.

17/3

M. Karunaker Reddy
Director
Project Gold

Submitted to Dy. Director General, for approval,

# Supplementary report on resource estimation for gold and associated copper in South Central Block of Bhukia Prospect, Banswara district, Rajasthan

(FS 2010-12)

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EXPLORATION FOR GOLD MINERALISATION IN BHUKIA SOUTHCENTRAL BLOCK, BANSWARA DISTRICT, RAJASTHAN
(Supplementary Report for the F. S. 2010-12)

# ABSTRACT

Exploration for gold mineralisation in Bhukia South central Block, Banswara district, Rajasthan has been taken-up to test the sub-surface continuity of the three mineralised zones (*numbered, I, II and III from east to west*), delineated on the basis of surface geological and geochemical attributes. These zones are characterised by the presence of gossans and old workings. In this report the main thrust is on calculation of gold , copper mineralised zones, preparation of level plans, LV sections, estimation of resources and digitization of detailed Geological map and other plates and presentation of the results. The lithologs and assay values of core samples are presented as reported in the previous reports (Grover et al 1998, Verma 1999 and Garhia et al 2001) for reference.

The Bhukia South central Block area is comprised of volcano-sedimentary sequence and exhibit mainly amphibole quartzite, dolomitic marble, quartz-mica schist, keratophyre and amphibolite of the Jagpura Formation of Debari Group belonging to the Aravalli Supergroup. Pegmatites and quartz veins of varying dimensions intrude these rocks. The rocks have been metamorphosed upto upper green schist facies.

Structural elements related to three deformation events ($D_1$, $D_2$ and $D_3$) have been identified in the area. The first deformation event, $D_1$ produced most conspicuous and widespread $S_1$ schistosity plane, almost parallel to the bedding ($S_0$). The $S_1$ plane, in general, trends NW–SE to E-W. Tight isoclinal to reclined folds ($F_1$), at times rootless to interafolial, also belong to $D_1$ event of deformation. The second deformation event $D_2$ is represented by asymmetrical to overturned tight isoclinal folds of doubly plunging nature. This event produced shear planes, parallel to the axial planes of the $F_2$ folds. The mineralised zones, as mentioned above, are aligned along these shear planes. Last deformation event, $D_3$, is represented by open to broad warps ($F_3$) with moderately inclined axial planes.

A total of eight boreholes have been drilled to intersect the mineralisation zones I, II and III at 100m interval. A total of 1781.95m of drilling along the have been carried out with collection of 1293 nos. of core samples. The boreholes BHU-2, 15, 20, 24, 29, 34, 38 and 39 proved the subsurface continuity of the mineralized zones. After

regrouping of block during F.S. 97-98, the area explored by BHU-29 was considered to be included in Bhukia East central block.

Analytical results of core samples of boreholes BHU-2, 15, 20, 24, 34, 38 and 39 have indicated 1.00m to 17.00m thick gold zones with an average gold content ranging from 0.50 ppm to 4.50 ppm at 0.5 ppm cut-off. The resource estimation was not attempted during finalisation of this report. As a part of reassessment of resources in respect of gold and copper ore in all exploration blocks of Bhukia Gold prospect, an attempt has been made to calculate the resources in South Central Block.

Based on the gold assay results of core samples of boreholes BHU-2, 15, 20, 24, 34, 38 and 39, a total of 3769840 tons of inferred mineral resources with average grade 1.47 g / t of gold, 0.12% copper, 104 g / t cobalt and 95 g / t nickel have been calculated. The metal content of gold is 5550.72 kg with associated metal content of copper 4496 tons, cobalt 392.76 tons and nickel 357.46 tons. As per UNFC classification the resource code is 333 (E3, F3, G3) and the category of resource is inferred mineral resource.

# Exploration for gold mineralisation in Bhukia South central Block, Banswara District, Rajasthan

## 1. INTRODUCTION

Bhukia South central block is located immediately northeast of Delwara West Block and south of Bhukia east central Block. In view of the favourable geological set-up and continuation of gossan / old working zones, the G-3 Stage investigation for gold was carried out in the block from F.S. 1993-94 to 1996-97 to trace the strike as well as depth continuity of the mineralisation.

During FS 1993-94 an area of 0.50 sq.km. was mapped on 1:2000 scale. Based on the favourable lithology and surface manifestations subsurface exploration was launched in the block to find strike and depth continuity of mineralisation zone- III during FS 1992 -93- and 1993-94. A total of 283.60m drilling was carried out in borehole BHU-2. During FS 1994-95 and 1995-96 a total of 1099.30m drilling was carried out in boreholes BHU-15, 20, 24 and 29. Similarly during FS 1996-97 drilling was carried out to test the strike and depth continuity of mineralisation zones- I and II with drilling of 682.65m in BHU-34, 38 and 39 boreholes. After regrouping of block during F.S. 97-98, the area explored by BHU-29 was considered to be included in Bhukia eastcentral block.

The mineralisation zones were intersected in all boreholes at anticipated depths.

**Location of the prospect:** Survey of India Toposheet 46 I/ 5 (Lat. 23° 50'10" to 23°50'21": Long.74° 21'55" to 74°22'05"), Ghatol Tehsil, Banswara District, Rajasthan.

**Nature and quantum of work:**

| Nature of work | Achievement |
|---|---|
| Detailed mapping (1:2000) | 0.50 sq. km |
| Drilling | 1781.95m. |
| Core samples | 1293 nos. |

## 2. GEOLOGY

Detailed geological mapping of 0.50 sq.km. area on 1: 2000 scale was carried out in the south central block, during F.S. 1993 - 94. The different lithounits exposed in the block are dolomitic marble, keratophyre, quartzite and amphibolite in order of superposition (Plate - 8). These lithounits are in the strike continuity of the rocks exposed in the Bhukia eastcentral block and represent western limb portion of a major synformal structure.

Generalised lithostratigraphy of Bhukia South central block is as follows:-

Generalised lithostratigraphy of Bhukia South central block, Banswara district, Rajasthan.

| | |
|---|---|
| Gossan | |
| Pegmatite / quartz vein / calcite vein | |
| Dolomitic marble | **DEBARI GROUP** |
| Keratophyre | |
| Amphibole marble | **(= ARAVALLI SUPERGROUP)** |
| Quartzite | |
| Amphibolite with schist | |

---------- TECTONIC CONTACT ----------

Staurolite -mica schist = **(Mangalwar Complex)**

The lithounits are intruded by pegmatite, quartz vein and rarely by calcite veins. The description of lithounits is given below.

**Amphibolite with schist**

.Amphibolite is exposed in a small outcrop east of Δ BH in the central part of the area. It is massive, dark green and medium grained and consists mainly of hornblende. Interbands of quartz-amphibole schist are noticed with amphibolite. The schist contains quartz, hornblende, biotite and chlorite mainly. It is coarse grained and at places, contains big porphyroblasts of garnet in a well-foliated micaceous matrix.

**Quartzite**

It is exposed in the eastern and western parts of the area and is generally light grey to pinkish grey, massive and medium to coarse grained. Thinly bedded nature of quartzite could be seen at places. It consists primarily of inequigranular anhedral grains of quartz with subordinate amphiboles, feldspar and muscovite. Tourmaline and sphene are present as accessory minerals. Quartzite contains lot of amphiboles especially near shear surface. Weathering of amphiboles seems to impart a ferruginous spongy appearance to this unit. Quartzite forms prominent ridges in the area.

**Amphibole marble**

Concordant bands of amphibole marble are exposed in the western part of the area with keratophyre. It is light greenish grey, coarsely crystalline rock containing mainly calcite and amphiboles (tremolite and actinolite).

**Keratophyre**

It is the major rock type exposed in the area. Three concordant bands of this rock, disposed parallel to litho contacts, are mapped. Besides these, thin bands of this rock are

also noticed in the eastern part of the area. The most prominent feature of these rocks is their laminated nature. These are fine grained and greenish - grey in colour. It consists of amphiboles (actinolite hornblende) and plagioclase. Quartz, opaques, calcite and tourmaline occur as accessory mineral. Occasionally muscovite and biotite are present as alteration product giving the rock a schistose appearance.

**Dolomitic marble**

It is also the major rock type exposed in the northeastern part of the area and forms flanks of ridges. It is fine to coarse grained, white to pale grey, brown and shows typical "elephant skin weathering". It consists of carbonates with minor amount of amphiboles and quartz. Amphiboles are generally light-green (tremolite) but dark green amphiboles (hornblede) are also present within dolomite-marble. Leaching of sulphides, at places, imparts a vuggy nature to dolomitic marble.

**Pegmatite, quartz and calcite veins**

The pegmatite veins of variable dimensions are common in the area. The main exposures are seen north and east of ΔBR, east of ΔCZ and west of ΔBM. These trend NW-SE to N-S. The pegmatite is fine to medium grained, white, pale to pinkish in colour and made up of vitreous quartz and pale to pinkish feldspar and at places rich in tourmaline. The other accessory minerals noted are biotite, muscovite, calcite and sphene. Microscopically, pegmatite is composed of quartz, plagioclase, sericite, muscovite and opaques and are unequigranular. Plagioclase shows alteration into sericite at grain boundaries.Quartz – calcite veins profusely occur with malachite stains in the old working east of ΔBR.

**Gossans**

Several bands / lenses of gossan / or ferruginised rocks have been delineated in the area. The prominent gossan bands occur within the keratophyre, dolomitic marble and along the contact zone of dolomitic marble and keratophyre. At most of the places, the old workings are flanked on both sides by gossans. Gossan bands are ocherous - yellow, dark maroon to brownish black, deep brown to brick - red in colour. These are mainly spongy, lightweight, limonitic and devoid of box works but massive and heavy varieties are also present which are goethitic and / or pitchy limonitic in nature showing botroidal texture. The common mineral constituents of gossan are limonite, goethite, malachite, azurite, covellite and other iron oxides.

## 3. STRUCTURE

Structural elements related to three phases of deformation have been recorded in the Block. Most penetrative and pervasive S-surface is the $S_1$ schistosity which occurs almost parallel to lithocontacts. It represents a planar fabric formed during the first phase of deformation. The strike of $S_0$ // $S_1$ foliation is generally NNW-SSE to NW-SE with steep dip towards west. The $S_2$ surface is represented by moderately to closely spaced fabrics trending N-S to N15$^0$W-S15°E with vertical to sub vertical dips due west to southwest. On the limbs of $F_2$ folds, $S_0$, $S_1$ and $S_2$ are parallel to one another. The mesoscopic $F_2$ folds control the outcrop pattern. However, $S_3$ planar fabric trending N50$^0$E-S50$^0$W to N80$^0$E-S80$^0$W represents the axial plane of $F_3$ folds.

## 4. MINERALISATION:

Like other blocks of Bhukia gold prospect, the mineralisation in this block is also manifested in many forms such as gossan, oxidized zones ancient mines / workings and malachite/azurite stains. Groove / bedrock samples collected across and along the possible gossan zones in the area have indicated anomalous gold values.

### Old working

In Bhukia south central block a number of old workings have been noticed. Majorities of these are small, shallow shafts and trial pits, but a few of them are open deep pits. The depth of the ancient workings on an average varies from less than 1 m to 10 m, whereas the length varies from few metres to 80m. The old workings are aligned along the shear zones, gossan zones and along the contact of keratophyre and dolomitic marble. Examination of old workings reveals that ancient mining activity was restricted to the gossanised bodies within the zone of oxidation.

The linear trenches are noticed along the axial - plane shears and overturned limb of $F_2$ - fold closures, wherever the shears are passing through them.

As mentioned earlier, these ancient workings are present in all the lithounits, and their localisation is strictly controlled by structurally favourable zones. It has been observed that the depth of old workings is comparatively more at the intersection of shears and folded form surface ($F_2$ -folds), which may be attributed to the richer ore shoots and increased depth of oxidation. The depth of oxidation along shears is less, hence the excavations are shallower.

## 5. SUB-SURFACE EXPLORATION

In the south central block exploration activities commenced during FS 1992 - 93. Till the end of FS 1995 - 96, five boreholes (BHU - 2, BHU -15, BHU - 20, BHU - 24 and BHU - 29) were drilled (Grover et al., 1998, Grover et al., 1999, Verma, 1999) in the central part of the block to test the depth continuity of mineralisation zones III and II. During the FS 1996-97, the zone-I was taken up in the eastern part of the block, viz., east of triangulation stations BY, BH, BM and west of stations BW, BQ and BZ.

**Sulphide zones intersected in boreholes of Bhukia South central Block**

| B. H. No. | Depth (m) | | Visual estimate of sulphides |
|---|---|---|---|
| | From | To | |
| BHU-2 | 40.27 | 42.03 | Pyrr = 90%, Cpy <1% |
| | 58.00 | 59.70 | Pyrr = 8%, Asp = 1% |
| | 183.00 | 184.20 | Pyrr = 10%,Cpy & Asp <1% |
| | 270.90 | 273.44 | Pyrr = 15% |
| BHU-15 | 110.70 | 112.20 | Pyrr = 5-6%, Cpy rare |
| | 117.15 | 120.70 | Pyrr = 5-6%, Cpy rare |
| | 123.75 | 124.80 | Pyrr = 5%, Cpy rare |
| | 124.80 | 141.25 | Pyrr = 5-10%, Asp & Cpy rare |
| | 144.05 | 149.23 | Pyrr = 5-8%, Asp & Cpy rare |
| BHU-20 | 89.15 | 93.25 | Pyrr = 5-6%, Cpy <1% |
| | 119.90 | 121.50 | Pyrr = 5%, Cpy rare |
| | 125.25 | 126.55 | Pyrr = 5%, Cpy rare |
| | 173.10 | 174.25 | Pyrr = 5-8%, Cpy rare |
| | 207.20 | 214.40 | Pyrr = 3-5% |
| | 224.70 | 225.80 | Pyrr = 3-5% |
| BHU-24 | 25.90 | 27.15 | Pyrr = 3-5% |
| | 31.35 | 33.30 | Pyrr = 3-5% |
| | 37.15 | 41.15 | Pyrr = 5-8%, Cpy rare |
| | 42.60 | 49.25 | Pyrr = 5-8%, Cpy rare |
| | 52.00 | 54.65 | Pyrr = 5%, Cpy rare |
| | 65.30 | 68.45 | Pyrr = 5%, Cpy rare |
| | 82.90 | 85.40 | Pyrr = 5%, Cpy rare |
| | 106.75 | 109.85 | Pyrr = 5-6%, Cpy <1% |
| | 117.50 | 119.10 | Pyrr = 5-6%, Cpy <1% |
| | 152.50 | 153.80 | Pyrr = 5-6% |
| BHU-29 | 36.50 | 43.05 | Pyrr = 5%, Cpy rare |
| | 53.65 | 56.35 | Pyrr = 5-8%, Cpy rare |
| | 81.70 | 86.30 | Pyrr = 5-8%,Asp = 1%, Cpy rare |
| | 100.55 | 117.20 | Pyrr = 5-6%, Asp & Cpy rare |
| | 149.85 | 151.25 | Pyrr = 5-6%, Asp & Cpy rare |
| BHU-34 | 42.45 | 44.55 | Pyrr = 3-4%, Asp & Cpy rare |

| | | | |
|---|---|---|---|
| | 173.00 | 177.50 | Pyrr = 5-8%, Cpy = 1-2%, Asp rare |
| | 180.75 | 184.15 | Pyrr = 3-4%, Cpy = 1-2%, Asp <1% |
| | 187.40 | 206.30 | Pyrr = 8-10%, Cpy = 1-2%, Asp = 1-2% |
| BHU-38 | 23.40 | 26.70 | Py = 5-8%, Cpy = 1-2% |
| | 27.50 | 37.60 | Pyrr = 8-10%, Cpy = 1-2%, Py = 1-2% |
| | 84.40 | 86.00 | Pyrr = 3-4%, Cpy = 1-2%, Asp rare |
| | 87.25 | 90.60 | Pyrr = 8-10%, Cpy = 1-2% |
| | 98.65 | 99.65 | Pyrr = 5-8%, Cpy = 2-3%, Asp rare |
| | 106.35 | 110.70 | Pyrr = 8-10%, Asp & Cpy rare |
| | 113.25 | 127.00 | Pyrr = 5-8%,Asp = 2-3%, Cpy rare |
| | 130.65 | 133.30 | Pyrr = 5-8%,Asp = 3-5% |
| | 136.15 | 137.55 | Pyrr = 10-12%,Asp = 1-2%, Cpy = 1% |
| | 139.35 | 150.70 | Pyrr = 8-10%,Asp = 3-5%, Cpy = 1-2% |
| | 157.25 | 158.55 | Pyrr = 2-3%,Asp = 5-8% |
| | 160.60 | 166.45 | Pyrr = 5-8%,Asp = 5-8%, Cpy rare |
| | 178.75 | 180.75 | Pyrr = 8-10%,Asp = 3-5%, Cpy = 1-2% |
| | 188.75 | 196.25 | Pyrr = 3-5%,Asp = 1-2%, Cpy <1% |
| | 207.35 | 209.75 | Pyrr = 15-20%,Asp = 3-5%, Cpy = 1-2% |
| | 212.25 | 221.75 | Pyrr = 10-12%,Asp = 2-3%, Cpy rare |
| | 224.05 | 229.85 | Pyrr = 8-10%,Asp = 2-3% |
| BHU-39 | 44.85 | 47.85 | Pyrr = 2-3%, Cpy = 2-3% |
| | 63.00 | 66.00 | Pyrr = 15-20%,Asp = 1-2%, Cpy = 1-2% |
| | 70.25 | 80.25 | Pyrr = 8-10%, Cpy = 2-3%, Asp rare |
| | 98.05 | 103.40 | Pyrr = 2-3%,Asp = 1-2%, Cpy = 1-2% |
| | 106.55 | 109.25 | Pyrr = 2-3%, Cpy = 2-3% |
| | 168.50 | 175.75 | Pyrr = 5-6%,Asp = 1-2%, Cpy = 1-2% |

## 6. DELINEATION OF GOLD AND COPPER ZONES

Gold and copper assay values have been used to calculate the grade of zones at 0.5ppm and 0.10% cut-off respectively. Following assumptions have been followed while calculating the zones.

1. The grade of zone occurring towards hanging and footwalls of the mineralised zone was not allowed to fall below cut off grade.
2. The minimum width of the zones was kept 1.0 m.
3. The maximum width of partings was restricted to 1.0m.
4. Wherever core recovery is 75% or more, the core loss is assumed to have the same grade as that of the recovered portion.

Table-Gold zones at 0.5 ppm cutoff and 1.0m stoping width, Bhukia South central Block, Banswara district, Rajasthan

| B. H. No. | Depth along borehole (m) | | Width along B.H. (m) | Gold content (ppm) | Associated metal content of | | |
|---|---|---|---|---|---|---|---|
| | From | To | | | Copper (%) | Nickel (ppm) | Cobalt (ppm) |
| BHU-34 | 79.00 | 80.70 | 1.70 | 1.78 | 0.19 | 151 | 113 |
| | 175.40 | 176.85 | 1.45 | 1.40 | 0.43 | 119 | 88 |
| | 180.75 | 183.80 | 3.05 | 2.20 | 0.35 | 127 | 165 |
| | 187.40 | 204.40 | 17.00 | 1.55 | 0.12 | 88 | 128 |
| BHU-38 | 23.65 | 40.55 | 16.90 | 0.77 | 0.12 | 162 | 58 |
| | 84.40 | 86.10 | 1.70 | 0.79 | 0.10 | 106 | 40 |
| | 88.45 | 89.75 | 1.30 | 0.71 | 0.08 | 206 | 113 |
| | 112.10 | 117.90 | 5.80 | 0.87 | 0.06 | 83 | 77 |
| | 119.40 | 123.90 | 4.50 | 1.00 | 0.07 | 61 | 73 |
| | 134.25 | 140.55 | 6.30 | 1.30 | 0.04 | 67 | 30 |
| | 142.35 | 150.85 | 8.50 | 1.71 | 0.07 | 95 | 95 |
| | 163.35 | 168.95 | 5.60 | 1.24 | 0.07 | 84 | 74 |
| | 179.05 | 180.50 | 1.45 | 0.50 | 0.16 | 66 | 51 |
| BHU-15 | 144.05 | 146.65 | 2.60 | 0.69 | 0.06 | 28 | 82 |
| BHU-20 | 88.90 | 90.20 | 1.30 | 1.24 | 0.08 | 62 | 38 |
| BHU-24 | 5.95 | 9.15 | 3.20 | 4.50 | 0.04 | 38 | 38 |
| | 43.25 | 51.25 | 8.00 | 1.01 | 0.11 | 175 | 316 |
| | 79.55 | 81.45 | 1.90 | 1.00 | 0.11 | 144 | 213 |
| | 84.80 | 86.30 | 1.50 | 1.10 | 0.25 | 65 | 105 |
| | 108.05 | 109.30 | 1.25 | 0.90 | 0.32 | 57 | 124 |
| BHU-2 | 181.82 | 183.60 | 1.78 | 3.38 | 0.02 | 64 | 55 |
| | 192.00 | 194.25 | 2.25 | 1.02 | 0.09 | 42 | 59 |
| | 196.55 | 198.18 | 1.63 | 1.82 | 0.02 | 75 | 90 |
| | 271.15 | 272.15 | 1.00 | 0.60 | 0.18 | 185 | 130 |

Table-Copper zones at 0.1 % cutoff and 1.0m stoping width, Bhukia South central Block, Banswara district, Rajasthan

| Borehole No. | Depth along borehole (m) | | Width along borehole (m) | Copper content (%) |
|---|---|---|---|---|
| | From | To | | |
| BHU-15 | 144.80 | 146.15 | 1.35 | 0.11 |
| BHU-20 | 88.90 | 91.75 | 2.85 | 0.13 |
| BHU-24 | 42.05 | 46.60 | 4.55 | 0.16 |
| | 52.85 | 54.35 | 1.50 | 0.12 |
| | 64.25 | 66.27 | 2.02 | 0.13 |
| | 78.45 | 80.15 | 1.70 | 0.12 |
| | 106.75 | 109.85 | 3.10 | 0.32 |

## 7. RESOURCE ESTIMATION

Based on the 7 number of boreholes drilled in Bhukia South central Block and the Au-assay results, ore resource estimation has been attempted by cross section (CS) method. The resources have been estimated between 243 m RL and -22 m RL in boreholes BHU-2, 15,20,24,34,38 and 39 (about 200m vertically below surface). The resources have been classified into inferred category of resources as per U.N.F.C. The stage of exploration is prospecting (G3).

**Hence the resources calculated and enclosed in this report are of E3F3G2 category of resource (332).**

Following assumptions have been used in calculation of ore resources: -

**Strike length**

(i) The borehole spacing is generally 100m, so the strike length is taken as 50 m either side of the borehole or half the distance between two adjacent boreholes, whichever is less.

(ii) Boreholes BHU-15, 24, 38 and BHU-39 are located in the northern and southern parts of the block respectively, so the strike influence for these boreholes towards northern and southern side is 50 m.

**Dip length**

(i) All the boreholes show one level of intersection.

(ii) The dip length of the zones is taken as 50 m up and down dip of the intersection. Thus the maximum width is taken as 100m.

(iii) Where the zones are correlateable with surface zones (old workings/auriferous gossan) the up - dip length of the lode is taken upto the depth of 10 m (average depth of weathering) below the surface, while computing resources.

(iv) The dip of ore body is taken into account in calculating the length of the zones.

**Thickness of zones**

(i) Thickness of individual lode is determined in each borehole at 0.5 ppm cut off with minimum 1.0m stoping width.

(ii) While delineating the mineralised zones, it was carefully observed that none of the zones falls below 1.0m of stoping width.

Table: Details of gold lode, grade, thickness, dip length, tonnage and inferred category of resource at 0.5 ppm cutoff and 1.0 m stopping width by cross section method, Bhukia South central Block, Banswara district, Rajasthan

| B.H. No. | Lode depth (m) | | Thick-ness along B.H. (m) | True thick-ness (m) | Weighted average (ppm) | Intersection R.L. in m | | Dip length R.L. in m | | Dip length (m) | Strike length (m) | Tonn-age factor | Tonnage | Zone no. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | From | To | | | | Lower | Upper | Upper | Lower | | | | | |
| BHU-34 | 79.00 | 80.70 | 1.70 | 1.50 | 1.78 | 164 | 162 | 216 | 122 | 115 | 95 | 3 | 49162.5 | II |
| | 175.40 | 176.85 | 1.45 | 1.28 | 1.40 | 96 | 95 | 216 | 44 | 173 | 93 | 3 | 61753.368 | Ia |
| | 180.75 | 183.80 | 3.05 | 2.69 | 2.20 | 92 | 89 | 216 | 40 | 176 | 93 | 3 | 132147.53 | Ib |
| | 187.40 | 204.40 | 17.00 | 15.00 | 1.55 | 86 | 74 | 216 | 30 | 187 | 93 | 3 | 782595 | Ic |
| BHU-38 | 23.65 | 40.55 | 16.90 | 15.60 | 0.77 | 216 | 208 | 230 | 168 | 74 | 92 | 3 | 318614.4 | II |
| | 84.40 | 86.10 | 1.70 | 1.57 | 0.79 | 180 | 178 | 243 | 137 | 127 | 92 | 3 | 55004.677 | Ia |
| | 88.45 | 89.75 | 1.30 | 1.20 | 0.71 | 176 | 175 | 242 | 135 | 127 | 92 | 3 | 42062.4 | Ib |
| | 112.10 | 117.90 | 5.80 | 5.35 | 0.87 | 164 | 162 | 242 | 116 | 134 | 92 | 3 | 198006.65 | Ic |
| | 119.40 | 123.90 | 4.50 | 4.15 | 1.00 | 160 | 158 | 240 | 110 | 136 | 92 | 3 | 155918.77 | Id |
| | 134.25 | 140.55 | 6.30 | 5.82 | 1.30 | 152 | 148 | 238 | 102 | 142 | 92 | 3 | 227916.55 | Ie |
| | 142.35 | 150.85 | 8.50 | 7.85 | 1.71 | 146 | 142 | 236 | 98 | 142 | 92 | 3 | 307506.46 | If |
| | 163.35 | 168.95 | 5.60 | 5.17 | 1.24 | 138 | 134 | 234 | 88 | 150 | 92 | 3 | 214006.15 | Ig |
| | 179.05 | 180.50 | 1.45 | 1.34 | 0.50 | 127 | 126 | 230 | 78 | 154 | 92 | 3 | 56889.969 | Ih |
| BHU-39 | 64.50 | 66.20 | 1.70 | 1.40 | 3.20 | 180 | 178 | 222 | 130 | 94 | 100 | 3 | 39417.333 | Ia |
| | 69.65 | 76.80 | 7.15 | 5.88 | 3.46 | 176 | 172 | 226 | 122 | 105 | 100 | 3 | 185185 | Ib |
| | 78.00 | 79.10 | 1.10 | 1.00 | 0.61 | 170 | 169 | 230 | 120 | 110 | 100 | 3 | 33000 | Ic |
| | 167.70 | 169.30 | 1.60 | 1.32 | 1.45 | 118 | 116 | 162 | 65 | 100 | 100 | 3 | 39466.667 | A |
| BHU-15 | 144.05 | 146.65 | 2.60 | 2.60 | 0.69 | 118 | 116 | 216 | 76 | 168 | 110 | 3 | 144144 | III |
| BHU-20 | 88.90 | 90.20 | 1.30 | 1.16 | 1.24 | 149 | 147 | 220 | 98 | 126 | 110 | 3 | 48048 | III |
| BHU-24 | 5.95 | 9.15 | 3.20 | 2.90 | 4.50 | 210 | 208 | 210 | 168 | 50 | 100 | 3 | 43428.571 | B |
| | 43.25 | 51.25 | 8.00 | 7.24 | 1.01 | 182 | 178 | 208 | 130 | 78 | 100 | 3 | 169371.43 | IIIa |
| | 79.55 | 81.45 | 1.90 | 1.72 | 1.00 | 157 | 156 | 206 | 110 | 106 | 100 | 3 | 54665.714 | IIIb |
| | 84.80 | 86.30 | 1.50 | 1.36 | 1.10 | 152 | 151 | 206 | 106 | 112 | 100 | 3 | 45600 | IIIc |
| | 108.05 | 109.30 | 1.25 | 1.13 | 0.90 | 137 | 136 | 206 | 88 | 126 | 100 | 3 | 42750 | IIId |
| BHU-2 | 181.82 | 183.60 | 1.78 | 1.50 | 3.38 | 82 | 80 | 220 | 32 | 190 | 105 | 3 | 89887.219 | IIIa |
| | 192.00 | 194.25 | 2.25 | 1.90 | 1.02 | 78 | 76 | 220 | 28 | 194 | 105 | 3 | 116013.52 | IIIb |
| | 196.55 | 198.18 | 1.63 | 1.38 | 1.82 | 74 | 72 | 220 | 24 | 198 | 105 | 3 | 85778.241 | IIIc |
| | 271.15 | 272.15 | 1.00 | 1.00 | 0.60 | 27 | 25 | 76 | -22 | 100 | 105 | 3 | 31500 | C |

**Av.Grade Gold = 1.47 g / t**
**Cobalt = 104 g / t**
**Nickel = 95 g / t**
**Tonnage = 3769840 tons**

**Av. width = 3.476m**

(iii) True thickness of the zones has been calculated by using geological cross – sections. Borehole deviation has been considered for each section while computing the true thickness.

**Tonnage factor**

Based on the number of specific gravity measurements of gold zones intersected in different boreholes drilled in Bhukia gold prospect, the average tonnage factor is taken as 3.00.

**Ore resource**

Exploration data have established the presence of economically viable gold mineralisation in the Bhukia South central Block, Banswara district, Rajasthan. Based on the number of boreholes drilled and the Au-assay results, the insitu ore resources at 0.5ppm cut-off grade have been calculated by cross section method. However, for support the help of level plan was taken.

**Level plan**

Based on the surface geological map of Bhukia South central Block and subsurface intersection of sulphide zones, a level plan for mineralisation zones –I and II was prepared at 160 RL to elucidate the subsurface geology, nature of gold mineralization and its controls. The sulphide zones and gold zones were plotted. It is evident from the level plan that the parallel to sub-parallel gold zones mainly occur along the axial plane parallel shears and do not exhibit any preferential concentration in a particular lithounit. The sulphide zones yield anomalous gold values; however, entire sulphide zones in many instances are not gold zones.

**Cross-section method**

The resources of individual zones in each borehole were calculated by cross section method. Overall in-situ resources and grade of the block have been estimated by adding the resources of all zones. The strike length of individual gold lode has been ascertained with the help of level plan. The volume of the lode is determined by multiplying strike length with cross sectional area. The cross section area is estimated by multiplying true thickness with dip length of the lode.

Summarized resources of mineralisation zones-I and II at 0.5ppm cut-off, Bhukia South central Block, Banswara district, Rajasthan. (Cross Section method)

| Tonnage (Tons) | Average Grade (g / t) | | | | Metal content | | | | Strike length |
|---|---|---|---|---|---|---|---|---|---|
| | Gold | Copper | Cobalt | Nickel | Gold | Copper | Cobalt | Nickel | |
| 3769840 | 1.47 | 0.12 | 104 | 95 | 5550.72Kg | 4496 Tons | 392.76 Tons | 357.46 Tons | MZ-I = 290m MZ-II = 190m MZ- III = 410m |

UNFC resource estimation details

| **Stage of exploration** | **Resource class** | **UNFC resource code** |
|---|---|---|
| **Prospecting ( G3 )** | **Inferred mineral resource** | **STD 333** |

## 8. CONCLUSION

As a part of reassessment of resources in respect of gold and copper ore in all exploration blocks of Bhukia Gold prospect, an attempt has been made to calculate the resources in South Central Block.

Based on the gold assay results of core samples of boreholes BHU-2, 15, 20, 24, 34, 38 and 39, a total of 3769840 tons of inferred mineral resources with average grade 1.47 g / t of gold, 0.12% copper, 104 g / t cobalt and 95 g / t nickel have been calculated. The metal content of gold is 5550.72 kg with associated metal content of copper 4496 tons, cobalt 392.76 tons and nickel 357.46 tons. As per UNFC classification the resource code is 333 (E3, F3, G3) and the category of resource is inferred mineral resource.

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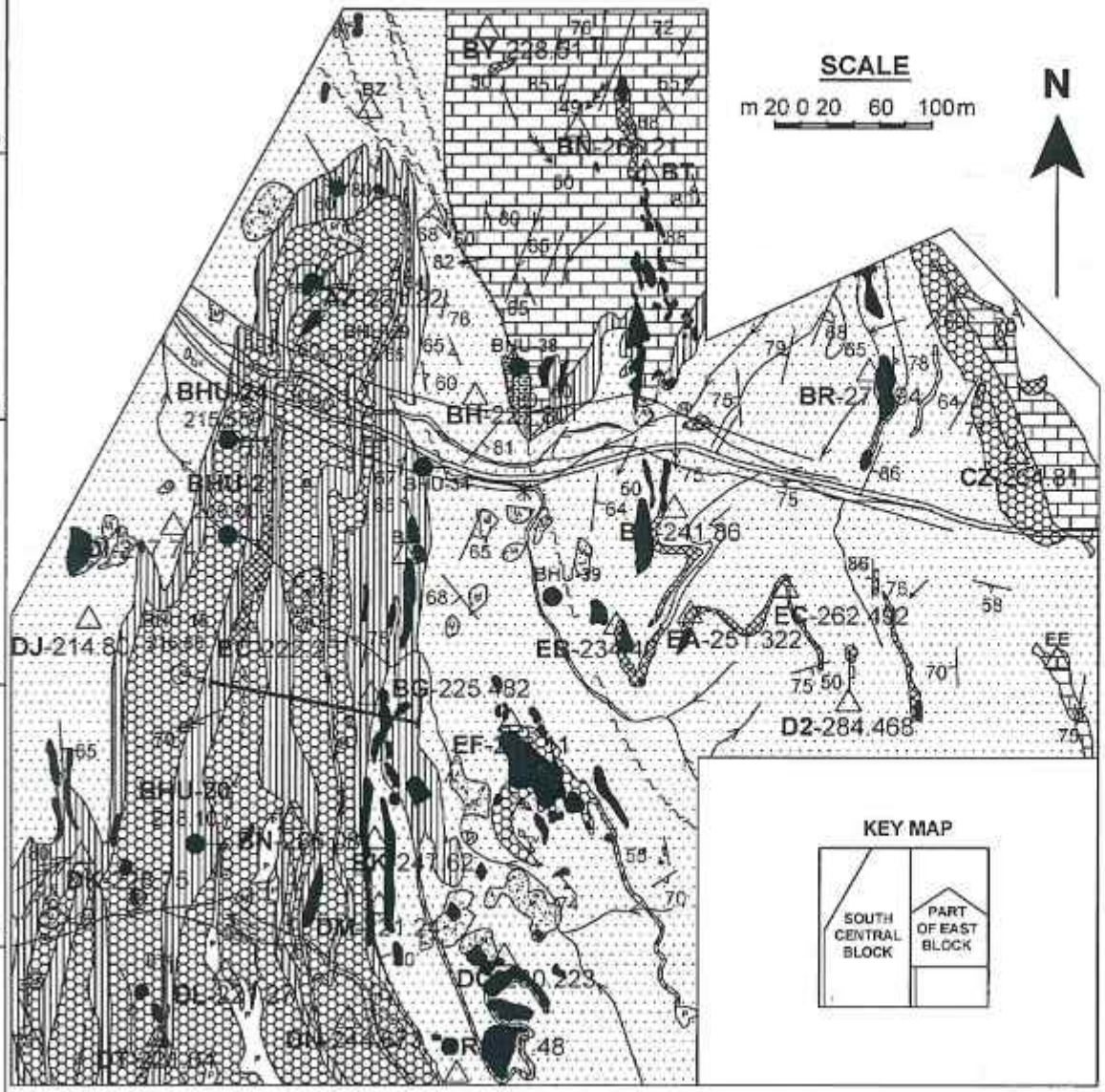
Grover, A.K. and Verma, R.G. Garhia, S.S., and Satish Kumar (1998). Investigation for gold in Anandpuri Bhukia area, Banswara district, Rajasthan. Unpub. Report, GSI for FS 1993 - 94.

Verma, R. G. (1999). Report on gold exploration in parts of southcentral and east blocks, Bhukia (Jagpura) gold prospect, Banswara district, Rajasthan. Unpub. Report GSI FS 1995 - 96.


**Locality Index**

| Locality | Toposheet No. | Latitude | Longitude |
|---|---|---|---|
| Banswara | 46I/5 | 23° 33' 00'' | 74° 26'35'' |
| Bhukia | 46I/5 | 23° 50' 50'' | 74°24' 00'' |
| Ghatol | 46I/5 | 23° 45' 00'' | 74°26' 55'' |
| Jagpura | 46I/5 | 23° 51' 50'' | 74°21' 00'' |
| Lukia-Dilwara | 46I/5 | 23° 49' 50'' | 74°23' 25'' |
| Timaran Mata | 46 I/5 | 23° 51' 30'' | 73°22' 30'' |

# GEOLOGICAL MAP OF SOUTH CENTRAL BLOCK AND PART OF EAST BLOCK




- Gossan
- Pegmatite / quartz vein / calcite vein
- Dolomitic marble
- Keratophyre
- Amphibole marble
- Quartzite
- Amphibolite with schist

- Bedding ($S_0$)
- Foliation ($S_1$)
- Foliation ($S_2$)
- Fracture cleavage
- Joint : inclined / vertical
- Minor fold ($F_1$)
- Minor fold ($F_2$)
- Minor fold ($F_3$)
- Shear zone
- Nala / stream
- Forest boundary
- Triangulation station
- Well
- Borehole location
- Trench / groove sample line
- Ancient mine working for gold (S = Shaft)
- Muck
- Ancient gold panning site / visible gold

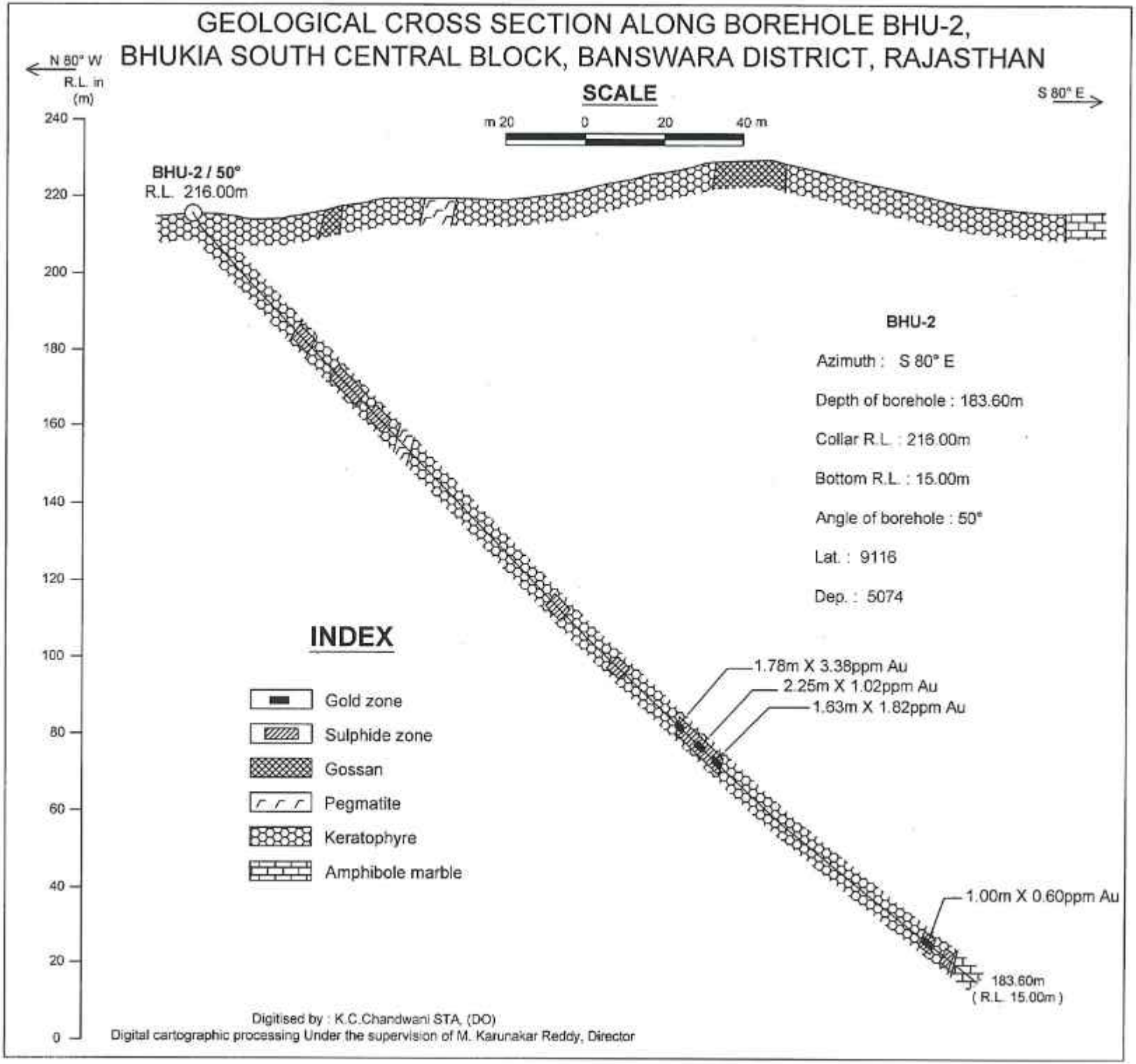
Mapped by :- A.K. Grover and R.G.Verma
Dr. S.S. Garhia

F.S.1992-93

Digitised by: K.C.Chandwani STA, (DO)
Under the supervision of M. Karunakar Reddy, Director

**Ore resource = 3.77 mt**
**Average grade = 1.47 ppm**

# GEOLOGICAL CROSS SECTION ALONG BOREHOLE BHU-2, BHUKIA SOUTH CENTRAL BLOCK, BANSWARA DISTRICT, RAJASTHAN

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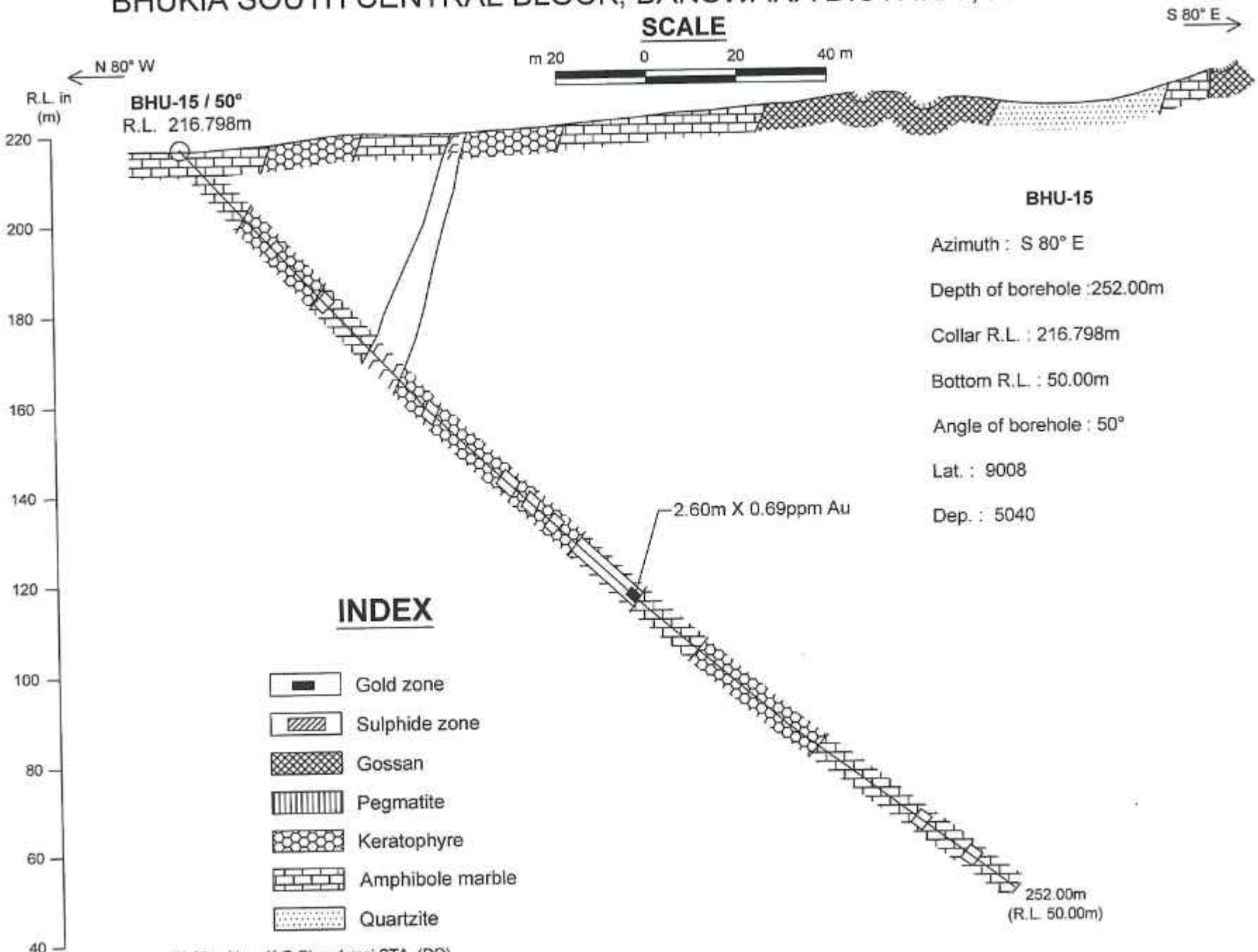
# GEOLOGICAL CROSS SECTION ALONG BOREHOLE BHU-15, BHUKIA SOUTH CENTRAL BLOCK, BANSWARA DISTRICT, RAJASTHAN

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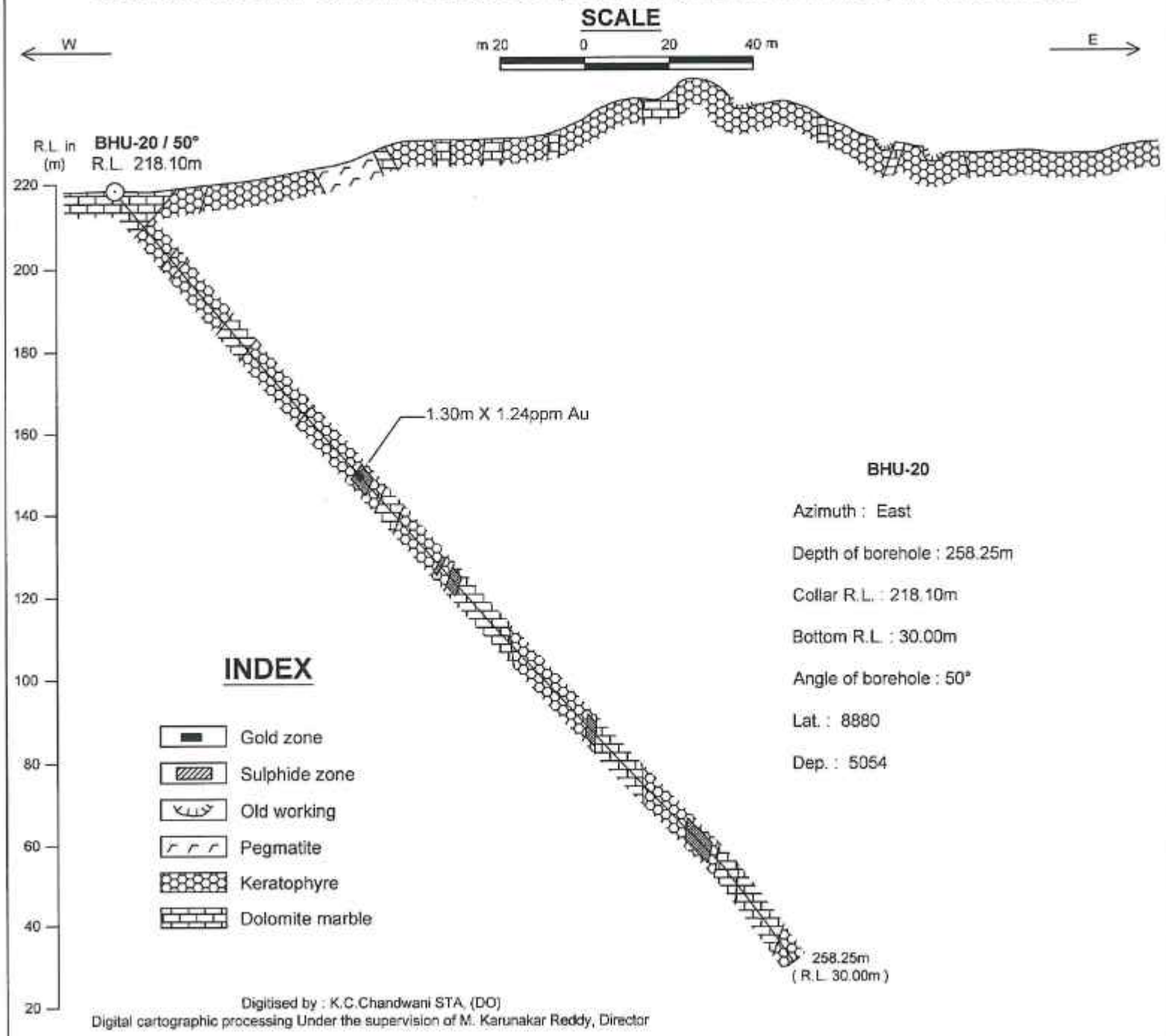
# GEOLOGICAL CROSS SECTION ALONG BOREHOLE BHU-20, BHUKIA SOUTH CENTRAL BLOCK, BANSWARA DISTRICT, RAJASTHAN

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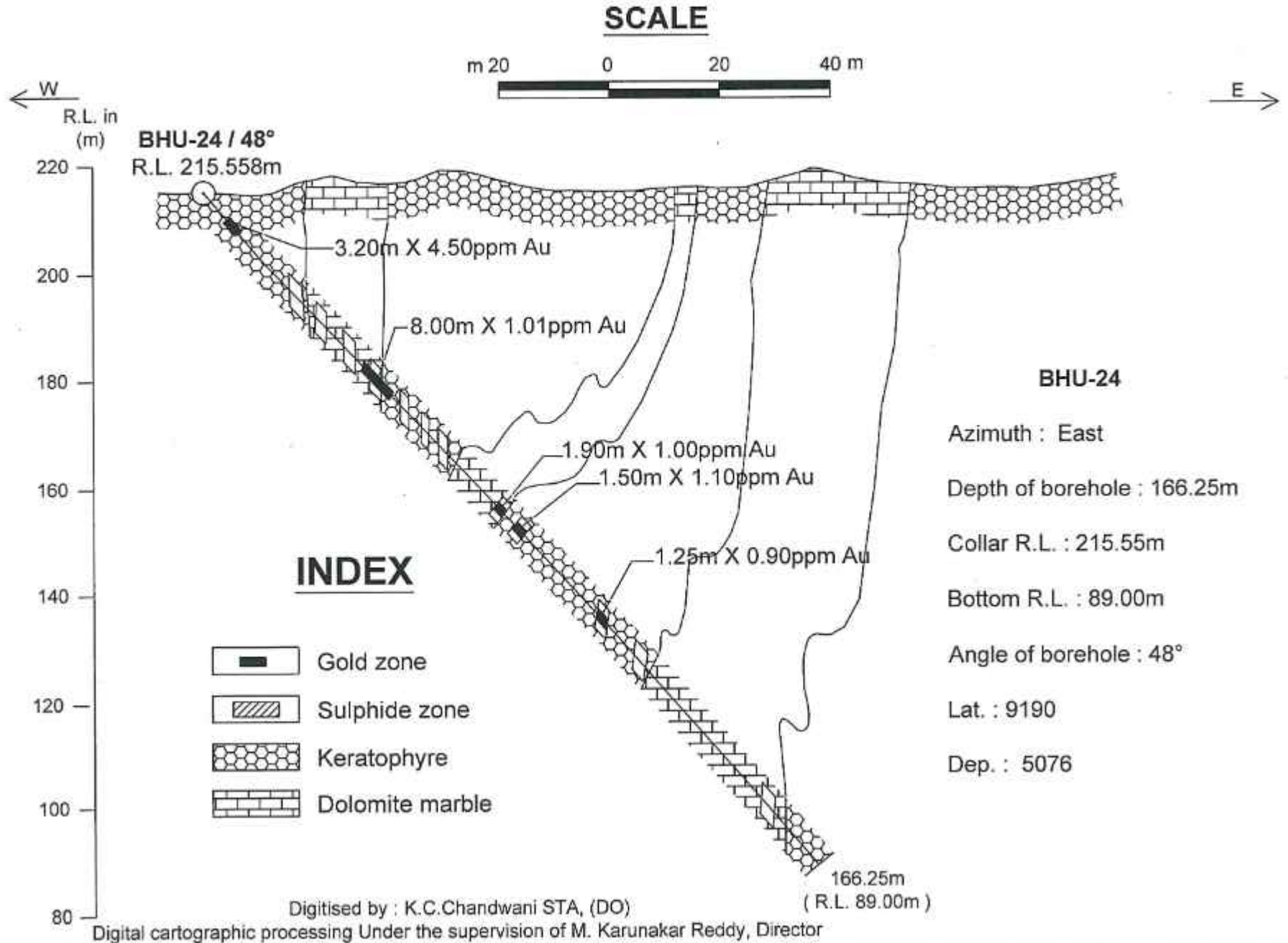
# GEOLOGICAL CROSS SECTION ALONG BOREHOLE BHU-24, BHUKIA SOUTH CENTRAL BLOCK, BANSWARA DISTRICT, RAJASTHAN

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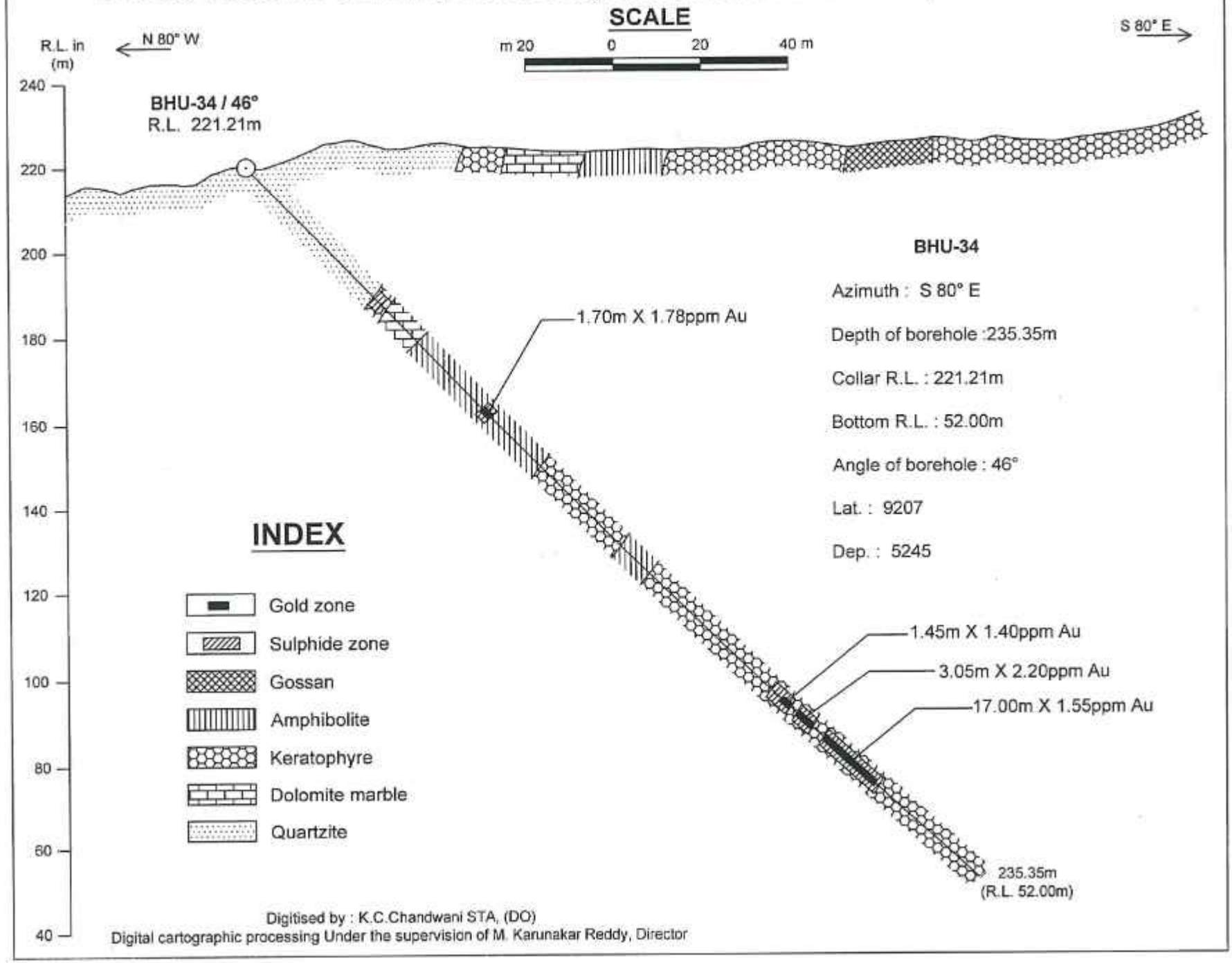
# GEOLOGICAL CROSS SECTION ALONG BOREHOLE BHU-34, BHUKIA SOUTH CENTRAL BLOCK, BANSWARA DISTRICT, RAJASTHAN

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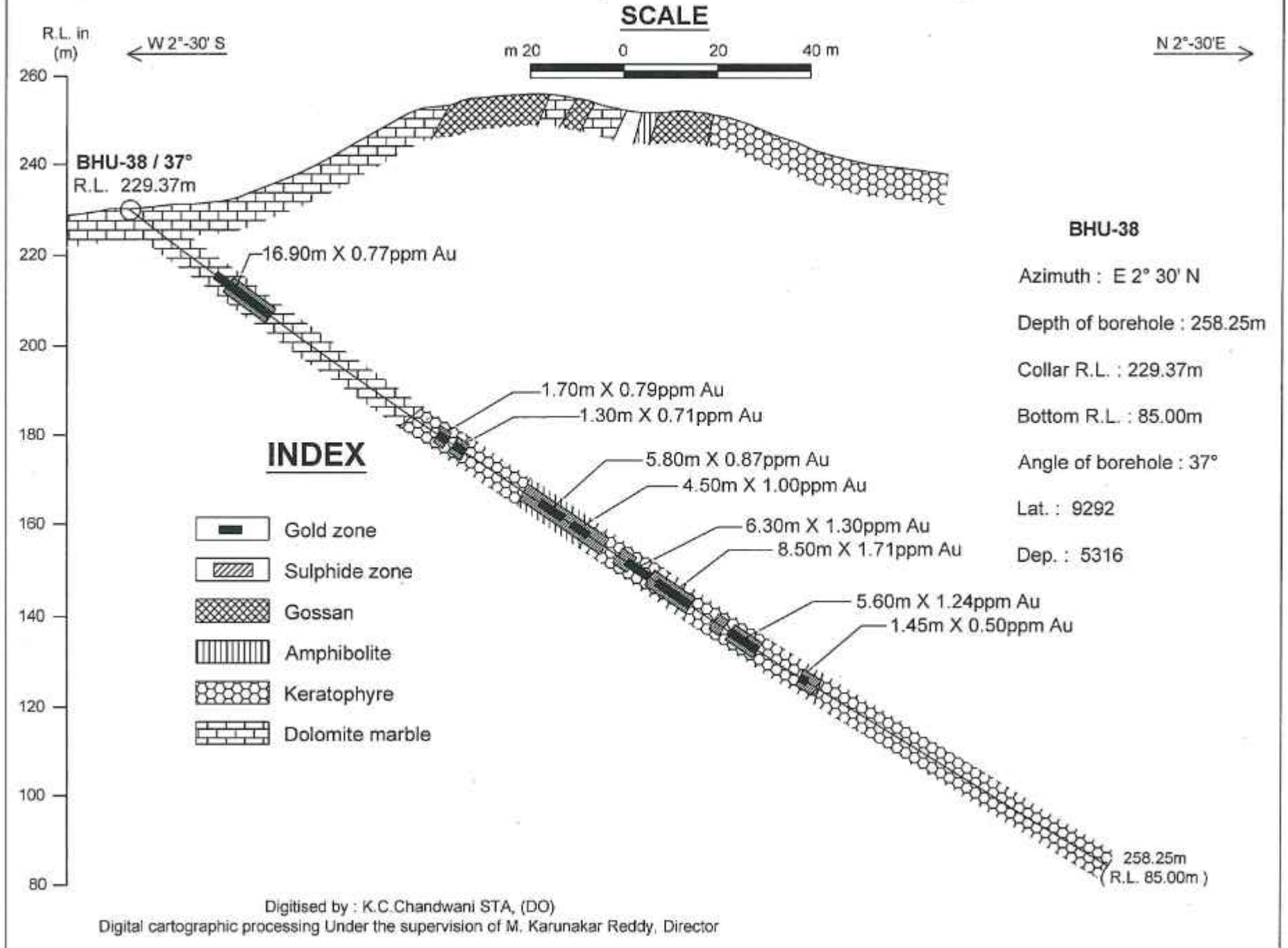
# GEOLOGICAL CROSS SECTION ALONG BOREHOLE BHU-38, BHUKIA SOUTH CENTRAL BLOCK, BANSWARA DISTRICT, RAJASTHAN

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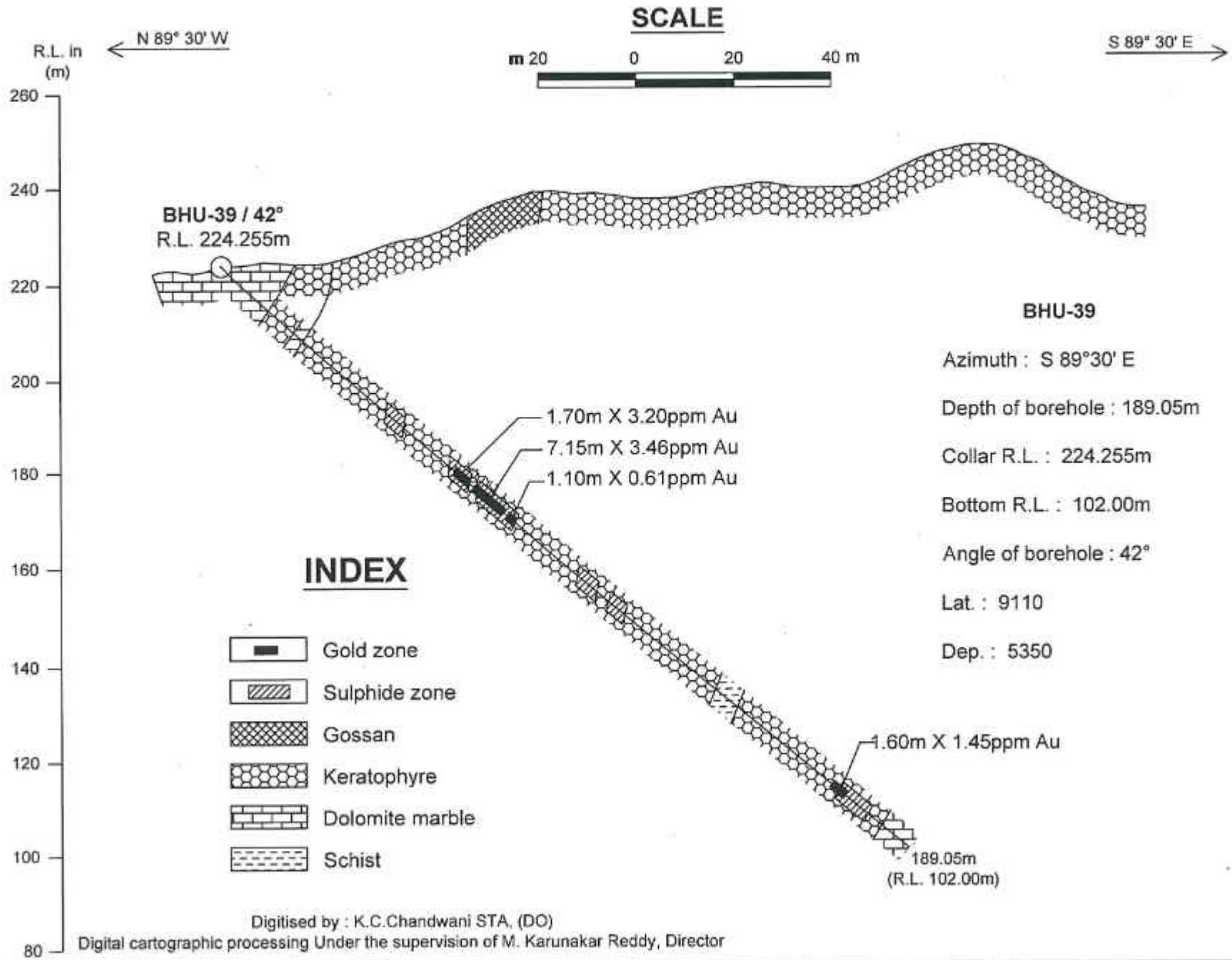
# GEOLOGICAL CROSS SECTION ALONG BOREHOLE BHU-39, BHUKIA SOUTH CENTRAL BLOCK, BANSWARA DISTRICT, RAJASTHAN

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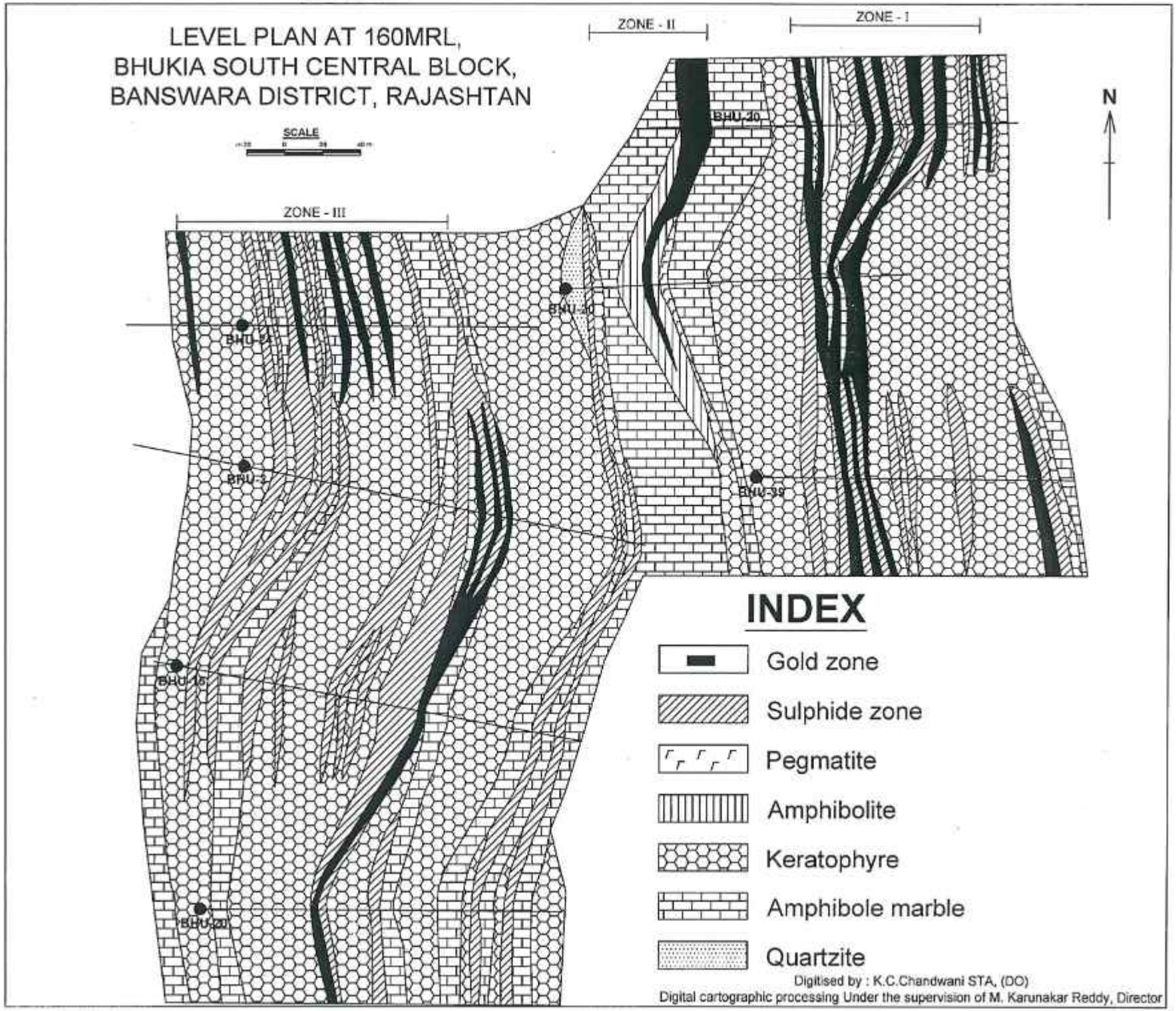
# LEVEL PLAN AT 160MRL, BHUKIA SOUTH CENTRAL BLOCK, BANSWARA DISTRICT, RAJASHTAN

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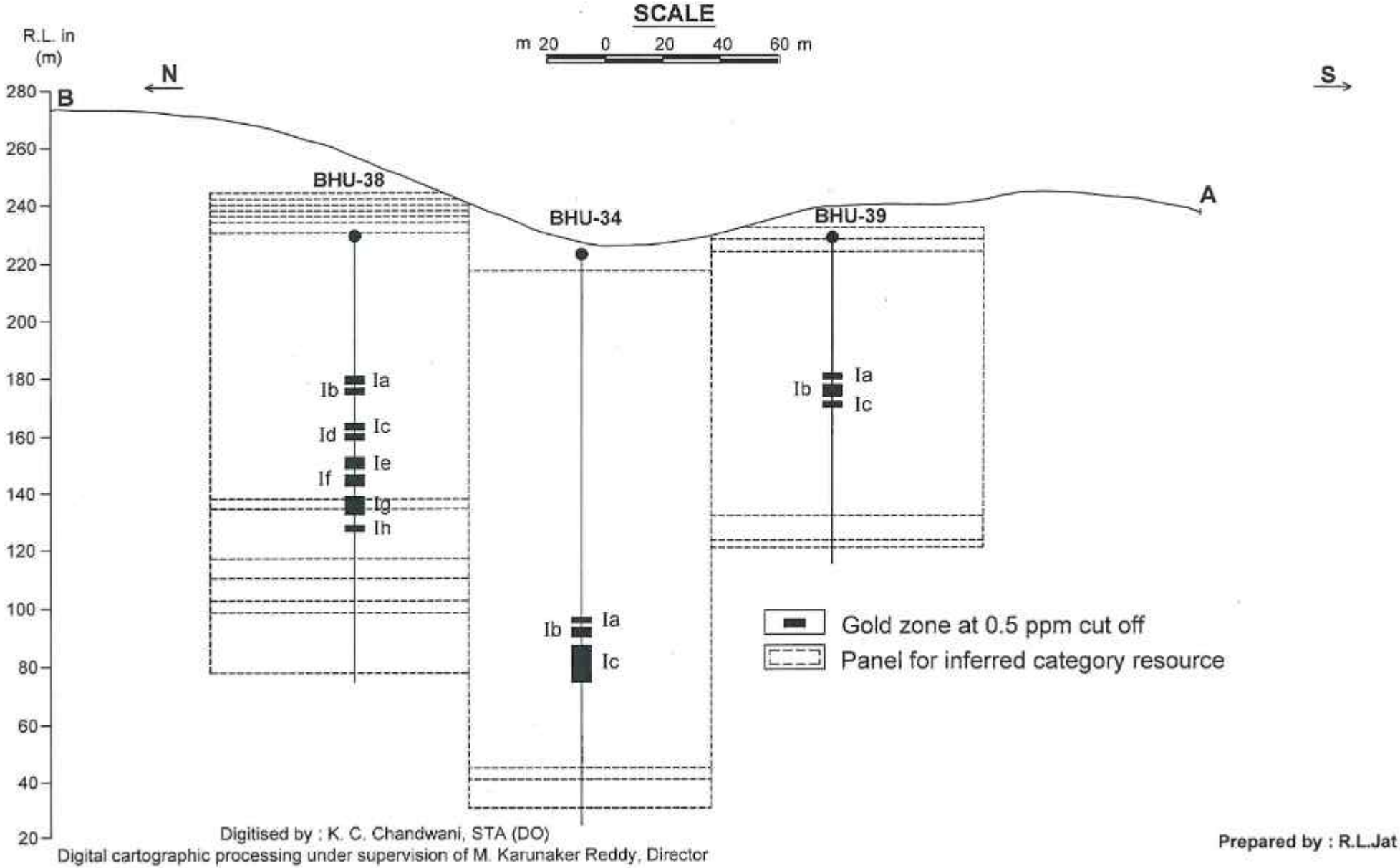
# L-V SECTION OF GOLD ZONE- I, BHUKIA SOUTH CENTRAL BLOCK, BANSWARA DISTRICT, RAJASTHAN

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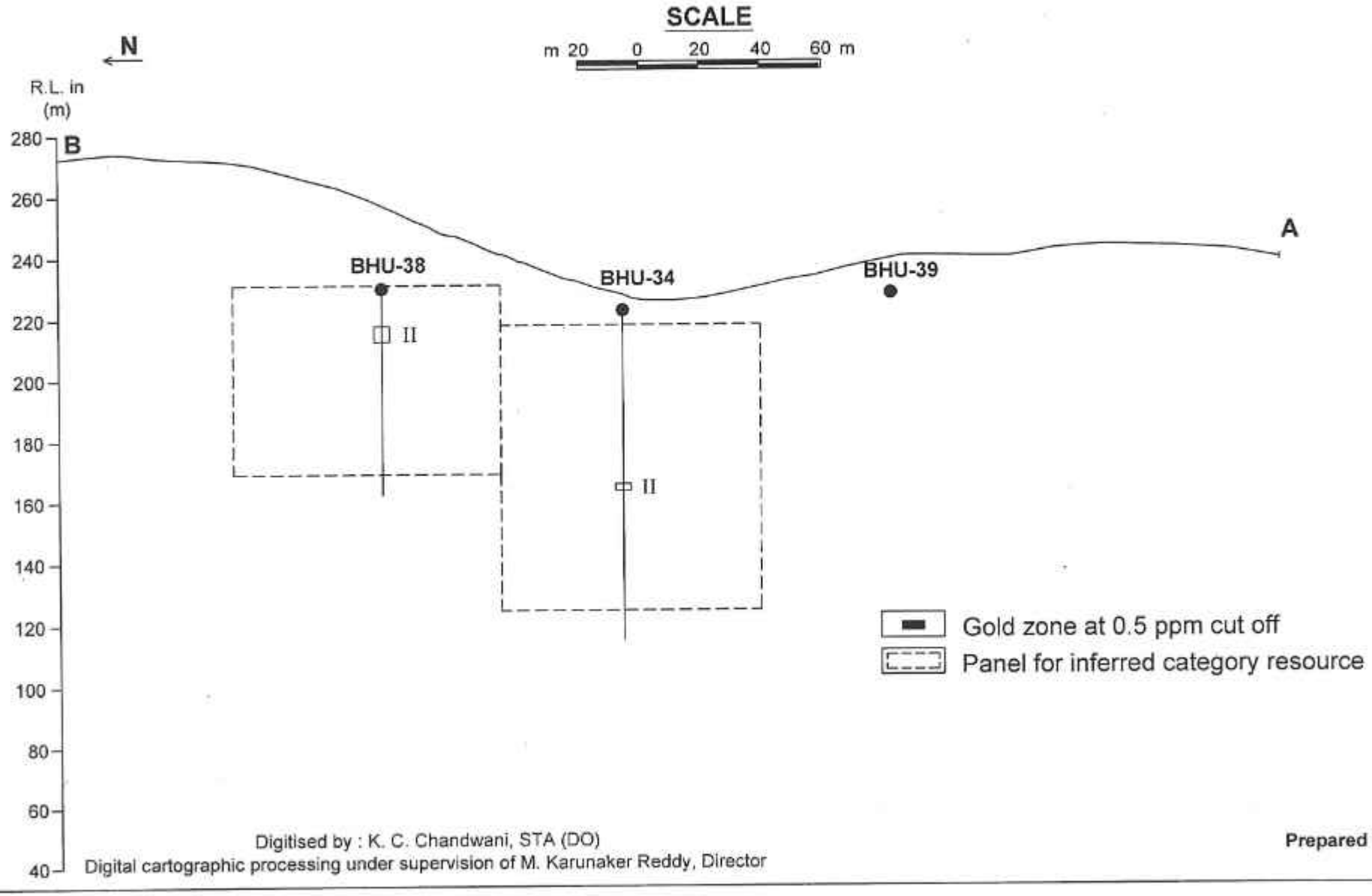
Prepared by : R.L.Jat

# L-V SECTION OF GOLD ZONE- II, BHUKIA SOUTH CENTRAL BLOCK, BANSWARA DISTRICT, RAJASTHAN

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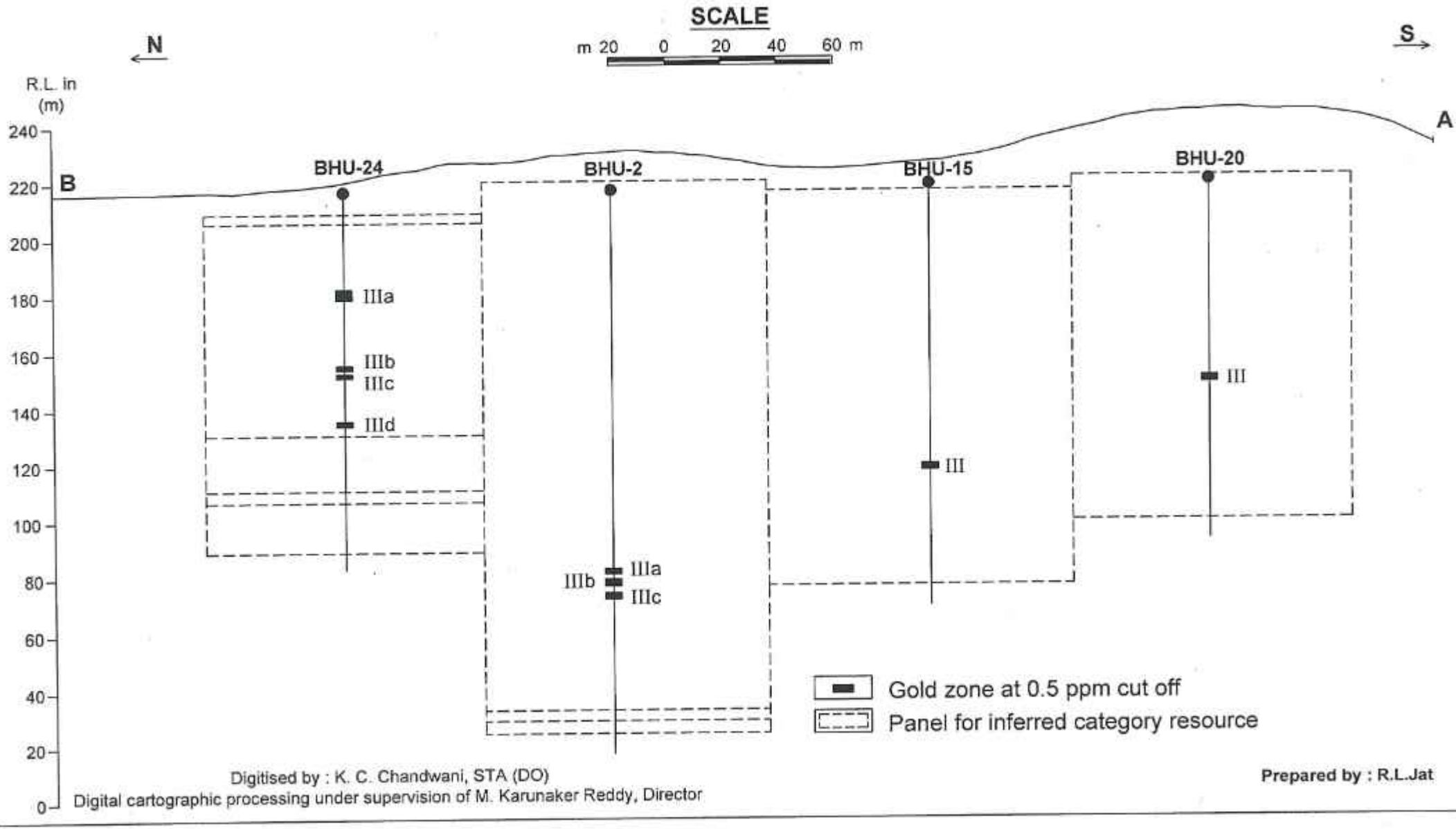
Prepared by : R.L.Jat

# L-V SECTION OF GOLD ZONE- III, BHUKIA SOUTH CENTRAL BLOCK, BANSWARA DISTRICT, RAJASTHAN

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Prepared by : R.L.Jat

# Bhukia South Cental Block

# (Appendices)

Geological Survey of India

**CORE SAMPLING DETAILS & ANALYTICAL RESULTS FOR GOLD AND BASEMETALS**

Bhukia (Jagpura) Gold Prospect, Banswara District, Rajasthan

SOUTHCENTRAL SECTOR , BOREHOLE BHU-2

| Sample No. | Depth From (m) | Depth To (m) | Width (m) | % | Hostrocks and Mineralisation etc. | Au ppb | Cu ppm | Pb ppm | Zn ppm | Ni ppm | Co ppm | Ag ppm | Mn ppm | Cd ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BHU-2/1 | 40.15 | 40.27 | 0.12 | 100 | SIL.DLM+PEGM MATTER,SULPH.3-5% | 1200 | 2500 | <50 | <25 | 50 | <25 | <5 | 125 | - |
| BHU-2/2 | 40.27 | 40.52 | 0.25 | 100 | MASSIVE SULPH./PYRR 90%,CPY 1% | 800 | 5000 | 75 | <25 | 275 | 275 | <5 | 75 | - |
| BHU-2/3 | 40.52 | 40.77 | 0.25 | 100 | --DO-- | 1300 | 17700 | 75 | 25 | 300 | 300 | <5 | 75 | - |
| BHU-2/4 | 40.77 | 41.02 | 0.25 | 100 | --DO-- | 250 | 13200 | 75 | 25 | 300 | 300 | 5 | 100 | - |
| BHU-2/5 | 41.02 | 41.27 | 0.25 | 100 | --DO-- | 150 | 7200 | 75 | 25 | 300 | 300 | 5 | 75 | - |
| BHU-2/6 | 41.27 | 41.52 | 0.25 | 100 | --DO-- | 280 | 5800 | 75 | 25 | 300 | 300 | 5 | 50 | - |
| BHU-2/7 | 41.52 | 41.77 | 0.25 | 100 | --DO-- | 200 | 4800 | 75 | <25 | 300 | 300 | <5 | 75 | - |
| BHU-2/8 | 41.77 | 42.03 | 0.26 | 100 | --DO-- | 10 | 1000 | 75 | 25 | 300 | 300 | <5 | 75 | - |
| BHU-2/9 | 42.03 | 42.35 | 0.32 | 100 | IMPURE DLM MB & PEGMATITE | 900 | 5600 | <50 | 25 | 75 | 50 | <5 | 125 | - |
| BHU-2/10 | 181.55 | 181.82 | 0.27 | 95 | SIL.IMP(AMPH,BIOT)MB+CV PYR(2% | 20 | 75 | <50 | <25 | 50 | <25 | <5 | - | <25 |
| BHU-2/11 | 181.82 | 182.10 | 0.28 | 95 | --DO-- | 1520 | 250 | 50 | <25 | 25 | 25 | <5 | - | <25 |
| BHU-2/12 | 182.10 | 182.37 | 0.27 | 95 | --DO-- | 210 | 125 | <50 | <25 | 25 | 25 | <5 | - | <25 |
| BHU-2/13 | 182.37 | 182.65 | 0.28 | 95 | --DO-- | 290 | 275 | <50 | <25 | 75 | 50 | <5 | - | <25 |
| BHU-2/14 | 182.65 | 183.00 | 0.35 | 86 | --DO--WITH SULPHIDES 3-5% | 140 | 250 | <50 | <25 | 25 | 50 | <5 | - | <25 |
| BHU-2/15 | 183.00 | 183.30 | 0.30 | 83 | BANDED TREM.MB PYRR8-10,ASPY1% | 3000 | 300 | <50 | <25 | 200 | 800 | <5 | - | <25 |
| BHU-2/16 | 183.30 | 183.60 | 0.30 | 83 | TREM.MB,PYRR 8-15%,CPY (2% | 15000 | 800 | 50 | <25 | 350 | 1000 | <5 | - | <25 |
| BHU-2/17 | 183.60 | 183.90 | 0.30 | 83 | --DO---------6-10%,----(1% | 290 | 450 | 50 | <25 | 100 | 125 | <5 | - | <25 |
| BHU-2/18 | 183.90 | 184.20 | 0.30 | 83 | IMPURE MB WITH PYRR 8-15% | 40 | 700 | 50 | <25 | 100 | 100 | <5 | - | <25 |
| BHU-2/19 | 184.20 | 184.55 | 0.35 | 86 | --DO-- | 160 | 650 | 50 | <25 | 100 | 50 | <5 | - | <25 |
| BHU-2/20 | 184.55 | 184.75 | 0.20 | 95 | --DO--5-8% PYRR | 130 | 600 | 50 | <25 | 150 | 100 | <5 | - | <25 |
| BHU-2/21 | 184.75 | 185.00 | 0.25 | 92 | --DO--------- | 50 | 500 | 50 | <25 | 125 | 75 | <5 | - | <25 |
| BHU-2/22 | 185.00 | 185.25 | 0.25 | 92 | IMPURE TREM MB,PYRR 3-4% | 140 | 325 | <50 | <25 | 75 | 50 | <5 | - | <25 |
| BHU-2/23 | 185.25 | 185.50 | 0.25 | 92 | --DO-- | 140 | 175 | <50 | <25 | 50 | 25 | <5 | - | <25 |
| BHU-2/24 | 185.50 | 185.75 | 0.25 | 92 | --DO-- | 300 | 250 | <50 | <25 | 25 | 25 | <5 | - | <25 |
| BHU-2/25 | 185.75 | 185.95 | 0.20 | 95 | --DO--& RARE SULPH.VEINLETS | 400 | 225 | <50 | <25 | 25 | 25 | <5 | - | <25 |
| BHU-2/26 | 185.95 | 186.33 | 0.38 | 53 | --DO--- | 1840 | 300 | 50 | <25 | 75 | 50 | <5 | - | <25 |
| BHU-2/27 | 186.33 | 186.71 | 0.38 | 53 | --DO--- | 500 | 125 | 50 | <25 | 25 | <25 | <5 | - | <25 |
| BHU-2/28 | 186.71 | 187.09 | 0.38 | 53 | --DO--- | 200 | 100 | <50 | <25 | 25 | <25 | <5 | - | <25 |
| BHU-2/29 | 187.09 | 187.47 | 0.38 | 53 | --DO--- | 240 | 75 | <50 | <25 | 25 | <25 | <5 | - | <25 |
| BHU-2/30 | 187.47 | 187.85 | 0.38 | 53 | --DO--- | <10 | <25 | <50 | <25 | 0 | <25 | <5 | - | <25 |
| BHU-2/31 | 187.85 | 188.23 | 0.38 | 53 | BANDED AMPH.MB WITH SULPH.SPKS | 130 | 75 | <50 | <25 | 50 | 25 | <5 | - | <25 |
| BHU-2/32 | 188.23 | 188.61 | 0.38 | 53 | --DO-- | 470 | 125 | <50 | <25 | 50 | <25 | <5 | - | <25 |
| BHU-2/33 | 188.61 | 188.90 | 0.29 | 52 | IMP.RECRYST.SIL.MB WITH--DO-- | <10 | <25 | <50 | <25 | 0 | <25 | <5 | - | <25 |
| BHU-2/34 | 188.90 | 189.20 | 0.30 | 83 | --DO-- | 340 | 1000 | <50 | <25 | 50 | 50 | <5 | 700 | <25 |
| BHU-2/35 | 189.20 | 189.50 | 0.30 | 83 | --DO--WITH PYRR 18-20%,CPY SPK | 1100 | 1700 | 50 | <25 | 125 | 100 | <5 | 500 | <25 |
| BHU-2/36 | 189.50 | 189.80 | 0.30 | 83 | --DO---- | 1400 | 1100 | <50 | <25 | 50 | 50 | <5 | 500 | <25 |
| BHU-2/37 | 189.80 | 190.10 | 0.30 | 83 | --DO---- | 250 | 450 | <50 | <25 | 75 | 50 | <5 | 500 | <25 |
| BHU-2/38 | 190.10 | 190.40 | 0.30 | 83 | IMP./TREM.MB+RARE PYRR/CPY VTS | 250 | 500 | 50 | <25 | 50 | 50 | <5 | 1000 | <25 |
| BHU-2/39 | 190.40 | 190.75 | 0.35 | 86 | AMPH MB WITH RARE SULPH.SPECKS | 70 | 300 | 50 | <25 | 25 | <25 | <5 | 1000 | <25 |
| BHU-2/40 | 190.75 | 191.00 | 0.25 | 100 | --DO-- | 50 | 200 | 50 | <25 | 25 | <25 | <5 | 700 | <25 |
| BHU-2/41 | 191.00 | 191.25 | 0.25 | 100 | --DO-& SIL.MB PYRR & CPY 10% | 170 | 275 | <50 | <25 | 25 | 50 | <5 | 700 | <25 |
| BHU-2/42 | 191.25 | 191.50 | 0.25 | 100 | SIL.AMPH.MB, --DO-- | 120 | 1600 | 50 | <25 | 50 | 50 | <5 | 300 | <25 |
| BHU-2/43 | 191.50 | 191.75 | 0.25 | 100 | --DO----------%5 | 30 | 600 | <50 | <25 | 50 | 25 | <5 | 500 | <25 |
| BHU-2/44 | 191.75 | 192.00 | 0.25 | 100 | TREM.MB+CALC.VEINLETS,PYRR 3% | 70 | 200 | <50 | <25 | 25 | <25 | <5 | 500 | <25 |
| BHU-2/45 | 192.00 | 192.25 | 0.25 | 100 | --DO-- SULPHIDES SPECKS | 600 | 100 | <50 | <25 | <25 | <25 | <5 | 700 | <25 |
| BHU-2/46 | 192.25 | 192.45 | 0.20 | 100 | --DO------ | 150 | 150 | 50 | <25 | 25 | <25 | <5 | 700 | <25 |
| BHU-2/47 | 192.45 | 192.81 | 0.36 | 69 | SHEARED AMPH.MB,PYRR 2-3% | 250 | 500 | 50 | <25 | 25 | 25 | <5 | 500 | <25 |
| BHU-2/48 | 192.81 | 193.17 | 0.36 | 69 | AMPH.MARBLE WITH PYRR 1% | 650 | 450 | <50 | <25 | 25 | 25 | <5 | 500 | <25 |

continued....

| Sample No. | Depth From (m) | Depth To (m) | Width (m) | % | Hostrocks and Mineralisation etc. | Au ppb | Cu ppm | Pb ppm | Zn ppm | Ni ppm | Co ppm | Ag ppm | Mn ppm | Cd ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BHU-2/49 | 193.17 | 193.53 | 0.36 | 69 | SH.IMP.MB PYR70,CPY<1,ASPY3-4% | 3400 | 700 | 50 | <25 | 250 | 800 | <5 | 200 | <25 |
| BHU-2/50 | 193.53 | 193.89 | 0.36 | 69 | --DO--WITH PYRR 30%,ASPY SPEKS | 1000 | 1800 | 50 | <25 | 100 | 175 | <5 | 500 | <25 |
| BHU-2/51 | 193.89 | 194.25 | 0.36 | 69 | FINE GR.AMPH MB,PYRR SPECKS | 600 | 200 | <50 | <25 | 25 | 50 | <5 | 700 | <25 |
| BHU-2/52 | 194.25 | 194.61 | 0.36 | 69 | --DO-- | 60 | 25 | <50 | <25 | 25 | <25 | <5 | 500 | <25 |
| BHU-2/53 | 194.61 | 195.05 | 0.44 | 68 | --DOI-- | 120 | 75 | 50 | <25 | 25 | <25 | <5 | 700 | <25 |
| BHU-2/54 | 195.05 | 195.35 | 0.30 | 87 | SH.IMP.MB,PYR 2-3% ASPY SPECKS | 300 | 275 | <50 | <25 | 25 | <25 | <5 | 500 | <25 |
| BHU-2/55 | 195.35 | 195.65 | 0.30 | 87 | --DO-- | 120 | 200 | 50 | <25 | 25 | <25 | <5 | 500 | <25 |
| BHU-2/56 | 195.65 | 195.95 | 0.30 | 87 | --DO-- | 70 | 100 | 50 | <25 | 25 | <25 | <5 | 500 | <25 |
| BHU-2/57 | 195.95 | 196.25 | 0.30 | 87 | --DO-- | 170 | 125 | 125 | <25 | 25 | <25 | <5 | 500 | <25 |
| BHU-2/58 | 196.25 | 196.55 | 0.30 | 87 | --DO-- | 200 | 25 | <50 | <25 | <25 | <25 | <5 | 300 | <25 |
| BHU-2/59 | 196.55 | 196.85 | 0.30 | 87 | --DO-- | 800 | 75 | <50 | <25 | <25 | <25 | <5 | 500 | <25 |
| BHU-2/60 | 196.85 | 197.25 | 0.40 | 90 | --DO-- | 2100 | 100 | <50 | <25 | 25 | <25 | <5 | 1500 | <25 |
| BHU-2/61 | 197.25 | 197.55 | 0.30 | 67 | --DO-- | 3800 | 225 | <50 | <25 | 25 | 75 | <5 | 700 | <25 |
| BHU-2/62 | 197.55 | 197.90 | 0.35 | 71 | --DO--WITH AMPHIBOLITE BANDS | 840 | 175 | <50 | <25 | 50 | 25 | <5 | 700 | <25 |
| BHU-2/63 | 197.90 | 198.18 | 0.28 | 89 | SH.AMPH.MB,PYRR CPY SPECKS | 1600 | 450 | <50 | <25 | 75 | 175 | <5 | - | <25 |
| BHU-2/64 | 198.18 | 198.46 | 0.28 | 89 | AMPHIBOLITE & MB BANDS,--DO-- | 470 | 175 | <50 | <25 | 50 | 25 | <5 | - | <25 |
| BHU-2/65 | 198.46 | 198.74 | 0.28 | 89 | --DO-- | 350 | 175 | <50 | 25 | 75 | 25 | <5 | - | - |
| BHU-2/66 | 198.74 | 199.02 | 0.28 | 89 | --DO-- | 200 | 125 | <50 | <25 | 50 | 25 | <5 | - | - |
| BHU-2/67 | 199.02 | 199.30 | 0.28 | 89 | --DO-- | 80 | 300 | <50 | <25 | 125 | 50 | <5 | - | - |
| BHU-2/68 | 199.30 | 199.50 | 0.20 | 100 | --DO-- | 70 | 250 | <50 | <25 | 125 | 50 | <5 | - | - |
| BHU-2/69 | 199.50 | 199.75 | 0.25 | 100 | MB WITH AMP/BIOT/CHLO,SULP SPK | 70 | 125 | <50 | <25 | 75 | 25 | <5 | - | - |
| BHU-2/70 | 199.75 | 200.00 | 0.25 | 100 | SCHISTOSE AMPHIBOLITE | 20 | 175 | <50 | <25 | 100 | 25 | <5 | - | - |
| BHU-2/71 | 200.00 | 200.25 | 0.25 | 100 | -DO-& THIN MB,PYRR3-4% CPY <1% | 100 | 600 | <50 | 25 | 75 | 50 | <5 | - | - |
| BHU-2/72 | 200.25 | 200.50 | 0.25 | 100 | AMPHIBOLE MARBLE,--DO-- | 100 | 200 | <50 | <25 | 50 | 25 | <5 | - | - |
| BHU-2/73 | 200.50 | 200.75 | 0.25 | 100 | SH.-DO-WITH CV,PYRR4-5%,CP SPK | <10 | 250 | <50 | <25 | 75 | 25 | <5 | - | - |
| BHU-2/74 | 200.75 | 200.95 | 0.20 | 100 | --DO----- | <10 | 150 | <50 | <25 | 50 | <25 | <5 | - | - |
| BHU-2/75 | 200.95 | 201.20 | 0.25 | 96 | LIGHT GREY AMPH.MB,SULPHIDES<1 | 30 | 100 | <50 | <25 | 50 | <25 | <5 | - | - |
| BHU-2/76 | 201.20 | 201.45 | 0.25 | 96 | --DO-- | 10 | <25 | <50 | <25 | 25 | <25 | <5 | - | - |
| BHU-2/77 | 201.45 | 201.70 | 0.25 | 96 | --DO-- | <10 | 25 | <50 | <25 | 50 | <25 | <5 | - | - |
| BHU-2/78 | 201.70 | 201.95 | 0.25 | 96 | --DO-- | 30 | 50 | <50 | <25 | 100 | <25 | <5 | - | - |
| BHU-2/79 | 201.95 | 202.20 | 0.25 | 96 | --DO-- | <10 | 200 | <50 | <25 | 50 | <25 | <5 | - | - |
| BHU-2/80 | 202.20 | 202.50 | 0.30 | 83 | --DO-- | <10 | 50 | <50 | <25 | 50 | <25 | <5 | - | - |
| BHU-2/81 | 261.65 | 261.95 | 0.30 | 83 | SIL.TREM.MB/DLM & QTZOSE BANDS | 300 | 700 | <50 | <25 | 50 | <25 | <5 | - | - |
| BHU-2/82 | 261.95 | 262.25 | 0.30 | 83 | --DO----(SULPHIDES SPECKS) | 210 | 250 | <50 | <25 | 25 | <25 | <5 | - | - |
| BHU-2/83 | 262.25 | 262.55 | 0.30 | 83 | --DO-- | 280 | 300 | <50 | <25 | 75 | 25 | <5 | - | - |
| BHU-2/84 | 262.55 | 262.85 | 0.30 | 83 | --DO-- | 900 | 200 | <50 | <25 | 75 | 100 | <5 | - | - |
| BHU-2/85 | 262.85 | 263.15 | 0.30 | 83 | --DO-- | 160 | 100 | <50 | <25 | 50 | 50 | <5 | - | - |
| BHU-2/86 | 263.15 | 263.30 | 0.15 | 100 | --DO--,PYRR 5% | 150 | 100 | <50 | <25 | 75 | <25 | <5 | - | - |
| BHU-2/87 | 263.30 | 263.55 | 0.25 | 100 | QUARTZ VEIN WITH PYRR 2% | 20 | 50 | <50 | <25 | 25 | <25 | <5 | - | - |
| BHU-2/88 | 263.55 | 263.90 | 0.35 | 63 | --DO--WITH THIN MB BANDS | 220 | 300 | <50 | <25 | 50 | <25 | <5 | - | - |
| BHU-2/89 | 263.90 | 264.25 | 0.35 | 63 | AMPH.TREM MB SULPHIDES 2-3% | 20 | 350 | <50 | <25 | 75 | <25 | <5 | - | - |
| BHU-2/90 | 264.25 | 264.60 | 0.35 | 63 | --DO--- | 70 | 450 | <50 | <25 | 50 | <25 | <5 | - | - |
| BHU-2/91 | 264.60 | 265.00 | 0.40 | 73 | BANDED AMPH.MB/DLM,SULPH.SPECK | 280 | 500 | 50 | <25 | 50 | <25 | <5 | - | - |
| BHU-2/92 | 265.00 | 265.35 | 0.35 | 66 | --DO-- | 300 | 350 | <50 | <25 | 50 | 25 | <5 | - | - |
| BHU-2/93 | 265.35 | 265.70 | 0.35 | 66 | --DO-- | 400 | 600 | <50 | <25 | 75 | <25 | <5 | - | - |
| BHU-2/94 | 265.70 | 266.05 | 0.35 | 66 | --DO-- | 150 | 125 | <50 | <25 | 50 | <25 | <5 | - | - |
| BHU-2/95 | 266.05 | 266.40 | 0.35 | 66 | --DO-- | 75 | 75 | <50 | <25 | 50 | <25 | <5 | - | - |
| BHU-2/96 | 266.40 | 266.70 | 0.30 | 67 | --DO--(LESS BANDED) | 200 | 300 | <50 | <25 | 25 | <25 | <5 | - | - |

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| Sample No. | Depth From (m) | Depth To (m) | Width (m) | % | Hostrocks and Mineralisation etc. | Au ppb | Cu ppm | Pb ppm | Zn ppm | Ni ppm | Co ppm | Ag ppm | Mn ppm | Cd ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BHU-2/97 | 266.70 | 267.00 | 0.30 | 80 | --DO-PYRR10-15,CPY1-2%ASPY SPK | 150 | 1200 | <50 | <25 | 125 | 75 | <5 | - | - |
| BHU-2/98 | 267.00 | 267.30 | 0.30 | 80 | --DO----8-10% | 200 | 1500 | <50 | <25 | 250 | 50 | <5 | - | - |
| BHU-2/99 | 267.30 | 267.55 | 0.25 | 76 | --DO----5-6% | 175 | 150 | <50 | <25 | 125 | <25 | <5 | - | - |
| BHU-2/100 | 267.55 | 267.85 | 0.30 | 83 | SH TREM MB,SULPHIDES 10%--DO-- | 75 | 250 | <50 | <25 | 125 | 25 | <5 | - | - |
| BHU-2/101 | 267.85 | 268.15 | 0.30 | 83 | SH.AMPHIBOLITE,--DO-------- | 150 | 500 | <50 | <25 | 50 | 50 | <5 | - | - |
| BHU-2/102 | 268.15 | 268.45 | 0.30 | 83 | --DO---------- | 225 | 600 | <50 | <25 | 50 | <25 | <5 | - | - |
| BHU-2/103 | 268.45 | 268.75 | 0.30 | 83 | BAND.AMPH.MB,PYRR 5-8%,CPY <1% | 250 | 700 | <50 | <25 | 50 | 50 | <5 | - | - |
| BHU-2/104 | 268.75 | 269.05 | 0.30 | 83 | --DO-- | 75 | 175 | <50 | <25 | 25 | 50 | <5 | - | - |
| BHU-2/105 | 269.05 | 269.35 | 0.30 | 83 | --DO-- | 125 | 200 | <50 | <25 | 50 | <25 | <5 | - | - |
| BHU-2/106 | 269.35 | 269.55 | 0.20 | 100 | --DO-- | 200 | 250 | <50 | <25 | 50 | 25 | <5 | - | - |
| BHU-2/107 | 269.55 | 269.83 | 0.28 | 89 | --DO--,SHEARED,SULPHIDES <1% | 125 | 75 | <50 | <25 | <25 | <25 | <5 | - | - |
| BHU-2/108 | 269.83 | 270.11 | 0.28 | 89 | --DO-- | 200 | 50 | <50 | <25 | 25 | <25 | <5 | - | - |
| BHU-2/109 | 270.11 | 270.39 | 0.28 | 89 | --DO-- | 200 | 300 | <50 | <25 | <25 | <25 | <5 | - | - |
| BHU-2/110 | 270.39 | 270.67 | 0.28 | 89 | --DO-- | 150 | 175 | <50 | <25 | 25 | <25 | <5 | - | - |
| BHU-2/111 | 270.67 | 270.90 | 0.23 | 91 | --DO-- | 160 | 900 | <50 | <25 | 75 | <25 | <5 | - | - |
| BHU-2/112 | 270.90 | 271.15 | 0.25 | 96 | --DO--,PYRR.15-20% ALONG SHEAR | 160 | 400 | <50 | <25 | 75 | 50 | <5 | - | - |
| BHU-2/113 | 271.15 | 271.40 | 0.25 | 96 | --DO-- | 600 | 2200 | <50 | <25 | 400 | 50 | <5 | - | - |
| BHU-2/114 | 271.40 | 271.65 | 0.25 | 96 | --DO-- | 625 | 4100 | <50 | <25 | 200 | 50 | <5 | - | - |
| BHU-2/115 | 271.65 | 271.90 | 0.25 | 96 | --DO-WITH BRECCIATTION EFFECTS | 550 | 200 | <50 | <25 | 150 | 800 | <5 | - | - |
| BHU-2/116 | 271.90 | 272.15 | 0.25 | 96 | --DO-- | 625 | 500 | <50 | <25 | 125 | 500 | <5 | - | - |
| BHU-2/117 | 272.15 | 272.40 | 0.25 | 92 | --DO-- | 10 | 400 | <50 | <25 | 50 | 25 | <5 | - | - |
| BHU-2/118 | 272.40 | 272.65 | 0.25 | 92 | --DO-- | <10 | 700 | <50 | <25 | 75 | <25 | <5 | - | - |
| BHU-2/119 | 272.65 | 272.90 | 0.25 | 92 | --DO-- | 125 | 400 | <50 | <25 | 75 | <25 | <5 | - | - |
| BHU-2/120 | 272.90 | 273.17 | 0.27 | 97 | SH.AMPH.MB,PYRR 8-10% | 100 | 600 | <50 | <25 | 100 | <25 | <5 | - | - |
| BHU-2/121 | 273.17 | 273.44 | 0.27 | 97 | --DO----------5% | 60 | 125 | <50 | <25 | 175 | <25 | <5 | - | - |
| BHU-2/122 | 273.44 | 273.71 | 0.27 | 97 | AMPH.MB SULP.SPECKS,QTZ GRAINS | 175 | 250 | <50 | <25 | 200 | <25 | <5 | - | - |
| BHU-2/123 | 273.71 | 274.00 | 0.29 | 97 | --DO--------- | 250 | 2100 | <50 | <25 | 150 | <25 | <5 | - | - |
| BHU-2/124 | 53.60 | 53.85 | 0.25 | 100 | AMP.BIO.MB,PYR4-5,CPY<1,ASP<1% | 105 | 232 | 0 | 31 | 19 | 63 | 0 | 668 | - |
| BHU-2/125 | 53.85 | 54.10 | 0.25 | 100 | --DO--------- | 150 | 262 | 0 | 10 | 15 | 87 | 0 | 366 | - |
| BHU-2/126 | 54.10 | 54.30 | 0.20 | 100 | V.C.GR.PEGM.SULPH.3-4% (FEL)Q) | <50 | 433 | 0 | 10 | 8 | 9 | 0 | 117 | - |
| BHU-2/127 | 54.30 | 54.55 | 0.25 | 100 | --DO--(PYRR.CPY,ASPY SPECKS) | <50 | 98 | 0 | 7 | 0 | 0 | 0 | 57 | - |
| BHU-2/128 | 54.55 | 54.80 | 0.25 | 100 | --DO-- | <50 | 11 | 0 | 8 | 9 | 0 | 0 | 94 | - |
| BHU-2/129 | 54.80 | 55.00 | 0.20 | 100 | --DO-- | <50 | 69 | 0 | 5 | 11 | 0 | 0 | 103 | - |
| BHU-2/130 | 55.00 | 55.25 | 0.25 | 100 | --DO-- | <50 | 96 | 0 | 6 | 0 | 0 | 0 | 59 | - |
| BHU-2/131 | 55.25 | 55.50 | 0.25 | 100 | --DO-- | <50 | 20 | 0 | 10 | 0 | 0 | 0 | 37 | - |
| BHU-2/132 | 55.50 | 55.75 | 0.25 | 100 | --DO-- | <50 | 121 | 0 | 10 | 13 | 0 | 0 | 21 | - |
| BHU-2/133 | 55.75 | 56.00 | 0.25 | 100 | --DO--(WITH TREMOLITE) | <50 | 140 | 0 | 7 | 22 | 36 | 0 | 35 | - |
| BHU-2/134 | 56.00 | 56.25 | 0.25 | 100 | --DO--SULPHIDES 4-5% | 70 | 300 | 0 | 5 | 23 | 19 | 0 | 45 | - |
| BHU-2/135 | 56.25 | 56.50 | 0.25 | 100 | --DO-- | 130 | 1460 | 0 | 8 | 132 | 211 | 0 | 161 | - |
| BHU-2/136 | 56.50 | 56.75 | 0.25 | 96 | --DO-(WITH TREM.LATHS)SULPH10% | 100 | 4743 | 0 | 13 | 75 | 184 | 0 | 126 | - |
| BHU-2/137 | 56.75 | 57.00 | 0.25 | 96 | TREM.ROCK+FRACT.DLM PIECESS | 110 | 1270 | 15 | 6 | 125 | 149 | 0 | 169 | - |
| BHU-2/138 | 57.00 | 57.25 | 0.25 | 96 | --DO--& TREM.DLM,PYRR 5-8% | 140 | 1485 | 0 | 13 | 73 | 86 | 0 | 1855 | - |
| BHU-2/139 | 57.25 | 57.50 | 0.25 | 96 | TREM.DLM WITH SULPHIDES 2-3% | <50 | 1270 | 0 | 10 | 81 | 65 | 0 | 1992 | - |
| BHU-2/140 | 57.50 | 57.75 | 0.25 | 96 | --DO-- | <50 | 1180 | 0 | 10 | 32 | 59 | 0 | 445 | - |
| BHU-2/141 | 57.75 | 58.00 | 0.25 | 100 | --DO-- | <50 | 1290 | 0 | 10 | 20 | 55 | 0 | 216 | - |
| BHU-2/142 | 58.00 | 58.20 | 0.20 | 100 | SH./GRANULAR DLM/MB SULPH 6-8% | <50 | 640 | 0 | 20 | 30 | 53 | 0 | 923 | - |
| BHU-2/143 | 58.20 | 58.45 | 0.25 | 100 | --DO-- | <50 | 966 | 15 | 23 | 31 | 40 | 0 | 2597 | - |
| BHU-2/144 | 58.45 | 58.70 | 0.25 | 100 | -DO-TREMOLITIC,PYRR15,ASPY3-4% | 600 | 1365 | 20 | 14 | 247 | 2545 | 0 | 2435 | - |

*continued....*

| Sample No. | Depth From (m) | Depth To (m) | Width (m) | % | Hostrocks and Mineralisation etc. | Au ppb | Cu ppm | Pb ppm | Zn ppm | Ni ppm | Co ppm | Ag ppm | Mn ppm | Cd ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BHU-2/145 | 58.70 | 58.95 | 0.25 | 100 | --DO---------- | 580 | 2350 | 17 | 7 | 1054 | 8820 | 0 | 119 | - |
| BHU-2/146 | 58.95 | 59.20 | 0.25 | 100 | TREM.MB WITH BIOT, SULPH.5% | 140 | 2330 | 19 | 28 | 173 | 126 | 0 | 807 | - |
| BHU-2/147 | 57.20 | 57.45 | 0.25 | 100 | --DO---------- | 250 | 442 | 0 | 46 | 32 | 29 | 0 | 985 | - |
| BHU-2/148 | 59.45 | 59.70 | 0.25 | 100 | HIGHLY TREM.MB,--4-5%,ASPY SPK | 140 | 515 | 0 | 38 | 23 | 116 | 0 | 858 | - |
| BHU-2/149 | 59.70 | 59.95 | 0.25 | 100 | --DO--,PYRR 3-4% | 80 | 498 | 0 | 26 | 46 | 99 | 0 | 878 | - |
| BHU-2/150 | 59.95 | 60.20 | 0.25 | 100 | --DO--,-----2-3% | 100 | 1150 | 0 | 32 | 43 | 53 | 0 | 909 | - |
| BHU-2/151 | 60.20 | 60.45 | 0.25 | 100 | --DO--,----4-5% | 415 | 612 | 0 | 32 | 32 | 55 | 0 | 606 | - |
| BHU-2/152 | 60.45 | 60.70 | 0.25 | 100 | --DO--WITH C.V.,SULPH 2-3% | <50 | 598 | 0 | 27 | 28 | 26 | 0 | 398 | - |
| BHU-2/153 | 60.70 | 60.95 | 0.25 | 100 | --DO---------- | <50 | 223 | 0 | 30 | 11 | 12 | 0 | 656 | - |
| BHU-2/154 | 60.95 | 61.20 | 0.25 | 100 | --DO--WITH BIOT.DEVELOPMENT | <50 | 315 | 0 | 58 | 29 | 17 | 0 | 776 | - |
| BHU-2/155 | 61.20 | 61.45 | 0.25 | 100 | BIOTITISED AMPH.MB, SULPH.<2% | <50 | 323 | 0 | 49 | 29 | 33 | 0 | 732 | - |
| BHU-2/156 | 61.45 | 61.70 | 0.25 | 100 | --DO--(MAINLY PYRR.) | <50 | 251 | 0 | 33 | 24 | 25 | 0 | 472 | - |
| BHU-2/157 | 61.70 | 61.95 | 0.25 | 100 | --DO-- | <50 | 268 | 0 | 50 | 42 | 24 | 0 | 849 | - |
| BHU-2/158 | 61.95 | 62.20 | 0.25 | 100 | --DO-- | <50 | 134 | 0 | 53 | 35 | 22 | 0 | 905 | - |
| BHU-2/159 | 62.20 | 62.45 | 0.25 | 100 | --DO--,SULPHIDES 4-5% | <50 | 260 | 0 | 58 | 15 | 16 | 0 | 867 | - |
| BHU-2/160 | 62.45 | 62.70 | 0.25 | 100 | --DO---------- | 50 | 295 | 0 | 39 | 34 | 30 | 0 | 652 | - |
| BHU-2/161 | 62.70 | 62.95 | 0.25 | 100 | --DO----------2-3% | <50 | 265 | 48 | 39 | 11 | 17 | 0 | 389 | - |
| BHU-2/162 | 62.95 | 63.20 | 0.25 | 100 | --DO---------- | <50 | 184 | 0 | 40 | 30 | 18 | 0 | 587 | - |
| BHU-2/163 | 63.20 | 63.45 | 0.25 | 100 | --DO----------3-4% | 50 | 407 | 0 | 44 | 42 | 48 | 0 | 729 | - |
| BHU-2/164 | 63.45 | 63.70 | 0.25 | 100 | TREM.MB WITH SULPHIDES <2% | <50 | 170 | 0 | 27 | 21 | 23 | 0 | 611 | - |
| BHU-2/165 | 63.70 | 63.95 | 0.25 | 100 | --DO----------2-3% | 50 | 120 | 0 | 21 | 21 | 22 | 0 | 585 | - |
| BHU-2/166 | 63.95 | 64.20 | 0.25 | 100 | --DO----------3-4% | 55 | 680 | 0 | 11 | 44 | 32 | 0 | 2769 | - |
| BHU-2/167 | 64.20 | 64.45 | 0.25 | 100 | --DO----------2-3% | 70 | 1083 | 0 | 13 | 21 | 24 | 0 | 1069 | - |
| BHU-2/168 | 64.45 | 64.70 | 0.25 | 100 | PALEGREEN TREM.ROCK+CV,PYR4-5% | 55 | 1990 | 0 | 19 | 31 | 26 | 0 | 668 | - |
| BHU-2/169 | 64.70 | 64.95 | 0.25 | 100 | --DO--,ALSO ASPY SPECKS | 85 | 4363 | 0 | 19 | 43 | 60 | 0 | 419 | - |
| BHU-2/170 | 64.95 | 65.20 | 0.25 | 100 | --DO-PYRR 8-10%,ASPY RARE SPKS | 175 | 2535 | 0 | 18 | 63 | 67 | 0 | 425 | - |
| BHU-2/171 | 65.20 | 65.45 | 0.25 | 100 | -DO-& TREM.MB,--3-4%,--DO-- | 110 | 1410 | 0 | 21 | 85 | 74 | 0 | 762 | - |
| BHU-2/172 | 65.45 | 65.70 | 0.25 | 100 | TREM.MB,--DO---------- | 175 | 773 | 0 | 13 | 37 | 31 | 0 | 2369 | - |
| BHU-2/173 | 65.70 | 65.95 | 0.25 | 100 | --DO--,SULPHIDES 2-3% | 85 | 476 | 0 | 23 | 35 | 23 | 0 | 1814 | - |
| BHU-2/174 | 65.95 | 66.20 | 0.25 | 100 | --DO-& THIN FELSPAR VEINLETS | 50 | 440 | 0 | 35 | 30 | 20 | 0 | 750 | - |
| BHU-2/175 | 66.20 | 66.45 | 0.25 | 100 | --DO--------- | 50 | 50 | 0 | 30 | 15 | 0 | 0 | 440 | - |
| BHU-2/176 | 66.45 | 66.70 | 0.25 | 100 | --DO----& BIOT.DEVELOPMENT | <50 | 50 | 0 | 35 | 30 | 15 | 0 | 860 | - |
| BHU-2/177 | 66.70 | 66.95 | 0.25 | 100 | COARSE TREM.ROCK SULPH.5-6% | 100 | 555 | 0 | 25 | 40 | 45 | 0 | 745 | - |
| BHU-2/178 | 66.95 | 67.20 | 0.25 | 100 | --DO---SULPH./PYRR 8-10% | 300 | 1400 | 0 | 20 | 65 | 75 | 0 | 715 | - |
| BHU-2/179 | 67.20 | 67.45 | 0.25 | 100 | HARD TREM.MB,SULPH.<2% | <50 | 50 | 0 | 25 | 25 | 20 | 0 | 550 | - |
| BHU-2/180 | 67.45 | 67.70 | 0.25 | 100 | --DO----------3-4% | 100 | 130 | 0 | 25 | 25 | 15 | 0 | 770 | - |
| BHU-2/181 | 67.70 | 67.95 | 0.25 | 100 | COARSE-DO-,PYRR8-10%,ASPY SPKS | 200 | 1200 | 0 | 30 | 80 | 75 | 0 | 695 | - |
| BHU-2/182 | 67.95 | 68.20 | 0.25 | 100 | HIGHLYTREM.ROCK--10-15,---1-2% | 2500 | 875 | 0 | 20 | 95 | 215 | 0 | 550 | - |
| BHU-2/183 | 68.20 | 68.45 | 0.25 | 100 | --DO--,SULPH.8-10,ASPY(1%,PY(1 | 120 | 1500 | 0 | 25 | 60 | 55 | 0 | 655 | - |
| BHU-2/184 | 68.45 | 68.70 | 0.25 | 100 | BIOT.BANDED AMPH MB,SULPH.<2% | <50 | 40 | 0 | 20 | 35 | 15 | 0 | 755 | - |
| BHU-2/185 | 68.70 | 68.95 | 0.25 | 100 | --DO-- | <50 | 15 | 0 | 20 | 25 | 10 | 0 | 915 | - |
| BHU-2/186 | 68.95 | 69.20 | 0.25 | 100 | --DO-- | <50 | 25 | 0 | 15 | 20 | 20 | 0 | 545 | - |
| BHU-2/187 | 135.60 | 135.85 | 0.25 | 100 | --DO-- | <50 | 25 | 0 | 15 | 0 | 0 | 0 | 670 | - |
| BHU-2/188 | 135.85 | 136.10 | 0.25 | 100 | --DO-- | <50 | 85 | 0 | 15 | 25 | 10 | 0 | 450 | - |
| BHU-2/189 | 136.10 | 136.35 | 0.25 | 100 | BREC.TREM.ROCK SULPH30,ASP1-2% | 2400 | 1300 | 0 | 15 | 135 | 120 | 0 | 610 | - |
| BHU-2/190 | 136.35 | 136.60 | 0.25 | 100 | --DO--& MB,--DO---------- | 6200 | 890 | 0 | 15 | 350 | 295 | 0 | 410 | - |
| BHU-2/191 | 136.60 | 136.85 | 0.25 | 100 | BANDED AMPH.MB+CV,SULPH.RARE | 100 | 300 | 0 | 15 | 50 | 40 | 0 | 660 | - |
| BHU-2/192 | 136.85 | 137.10 | 0.25 | 100 | --DO-- | 150 | 60 | 0 | 15 | 15 | 0 | 0 | 800 | - |

*continued....*

| Sample No. | Depth From (m) | Depth To (m) | Width (m) | % | Hostrocks and Mineralisation etc. | Au ppb | Cu ppm | Pb ppm | Zn ppm | Ni ppm | Co ppm | Ag ppm | Mn ppm | Cd ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BHU-2/193 | 137.10 | 137.35 | 0.25 | 100 | --DO-- | <50 | 35 | 0 | 10 | 10 | 7 | 0 | 630 | - |
| BHU-2/194 | 137.35 | 137.60 | 0.25 | 100 | --DO-- | <50 | 10 | 0 | 10 | 10 | 0 | 0 | 615 | - |
| BHU-2/195 | 137.60 | 137.85 | 0.25 | 100 | --DO-- | <50 | 5 | 0 | 20 | 15 | 10 | 0 | 525 | - |
| BHU-2/196 | 137.85 | 138.10 | 0.25 | 100 | --DO-- | <50 | 15 | 0 | 15 | 10 | 15 | 0 | 615 | - |
| BHU-2/197 | 138.10 | 138.35 | 0.25 | 100 | --DO-- | 110 | 65 | 0 | 15 | 25 | 10 | 0 | 590 | - |
| BHU-2/198 | 138.35 | 138.65 | 0.30 | 100 | --DO--,PYRR 10-15%,ASPY <1% | 1400 | 480 | 0 | 0 | 55 | 55 | 0 | 1000 | - |
| BHU-2/199 | 158.15 | 158.40 | 0.25 | 100 | GREEN.WHITE D.Y,PYRR 6-8%,-DO- | 130 | 475 | 15 | 15 | 85 | 50 | 0 | 265 | - |
| BHU-2/200 | 158.40 | 158.65 | 0.25 | 100 | --DO--PYRR5-6%,ASPY<1%-SPECKS | 65 | 335 | 15 | 30 | 35 | 20 | 0 | 360 | - |
| BHU-2/201 | 158.65 | 158.90 | 0.25 | 100 | --DO--,SULPHIDES <2% | <50 | 425 | 25 | 20 | 35 | 20 | 0 | 395 | - |
| BHU-2/202 | 158.90 | 159.15 | 0.25 | 100 | --DO-- | 225 | 20 | 0 | 10 | 15 | 25 | 0 | 280 | - |
| BHU-2/203 | 159.15 | 159.40 | 0.25 | 100 | --DO-- | 110 | 30 | 0 | 10 | 30 | 0 | 0 | 415 | - |
| BHU-2/204 | 159.40 | 159.65 | 0.25 | 100 | --DO-- | <50 | 40 | 15 | 15 | 20 | 15 | 0 | 625 | - |
| BHU-2/205 | 163.30 | 163.55 | 0.25 | 100 | --DO---------2-3% | 180 | 120 | 30 | 0 | 20 | 10 | 0 | 500 | - |
| BHU-2/206 | 161.55 | 161.80 | 0.25 | 100 | --DO-- | 65 | 275 | 0 | 15 | 30 | 15 | 0 | 545 | - |
| BHU-2/207 | 161.80 | 162.05 | 0.25 | 100 | --DO-- | 130 | 160 | 0 | 15 | 30 | 0 | 0 | 395 | - |
| BHU-2/208 | 162.05 | 162.30 | 0.25 | 100 | --DO------& ASPY SPECKS | 400 | 130 | 0 | 15 | 25 | 0 | 0 | 440 | - |
| BHU-2/209 | 162.30 | 162.60 | 0.30 | 100 | --DO---- | 90 | 25 | 0 | 5 | 15 | 0 | 0 | 650 | - |

*** Total ***

— * — * — * —

| Sample No. | Depth from | Depth to | width | Rec. % | LITHOLOGY | Au ppb | Cu ppm | Pb ppm | Zn ppm | Ni ppm | Co ppm | Ag ppm | Cd ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BHU-24/73 | 50.45 | 50.70 | 0.25 | 100 | Amchibole marble+5%Pyrr. | 50 | 600 | <50 | <25 | 50 | 25 | <05 | <25 |
| BHU-24/74 | 50.70 | 51.00 | 0.30 | 100 | Dolomitic marble+4%Pyrr. | 450 | 900 | 50 | <25 | 75 | 75 | <05 | <25 |
| BHU-24/75 | 51.00 | 51.25 | 0.25 | 100 | Amchibole marble+5%Pyrr. | 800 | 700 | 50 | <25 | 50 | 50 | <05 | <25 |
| BHU-24/76 | 51.25 | 51.50 | 0.25 | 100 | Amchibole marble+6%Pyrr. | 450 | 400 | <50 | <25 | 50 | 25 | <05 | <25 |
| BHU-24/77 | 51.50 | 51.75 | 0.25 | 100 | Dolomitic marble+4%Pyrr. | 200 | 275 | <50 | <25 | 50 | <25 | <05 | <25 |
| BHU-24/78 | 51.75 | 52.00 | 0.25 | 100 | Dolomitic marble+4%Pyrr. | 170 | 400 | <50 | <25 | 50 | 25 | <05 | <25 |
| BHU-24/79 | 52.00 | 52.25 | 0.25 | 100 | Dolomitic marble+6%Pyrr. | 250 | 600 | 50 | <25 | 100 | 75 | <05 | <25 |
| BHU-24/80 | 52.25 | 52.55 | 0.30 | 83 | Dolomitic marble+6%Pyrr. | 250 | 700 | 50 | <25 | 100 | 75 | <05 | <25 |
| BHU-24/81 | 52.55 | 52.85 | 0.30 | 100 | Dolomitic marble+5%Pyrr. | 250 | 300 | <50 | <25 | 25 | <25 | <05 | <25 |
| BHU-24/82 | 52.85 | 53.10 | 0.25 | 100 | Dolomitic marble+12%Pyrr.+<1%Cpy. | 250 | 1800 | 50 | <25 | 150 | 125 | <05 | <25 |
| BHU-24/83 | 53.10 | 53.35 | 0.25 | 100 | Dolomitic marble+4%Pyrr. | 350 | 1000 | 75 | <25 | 50 | 50 | <05 | <25 |
| BHU-24/84 | 53.35 | 53.60 | 0.25 | 100 | Dolomitic marble+4%Pyrr. | 175 | 600 | 50 | 25 | 50 | 50 | <05 | <25 |
| BHU-24/85 | 53.60 | 53.85 | 0.25 | 100 | Dolomitic marble+4%Pyrr. | 150 | 600 | 75 | <25 | 75 | 50 | <05 | <25 |
| BHU-24/86 | 53.85 | 54.10 | 0.25 | 100 | Dolomitic marble+6%Pyrr. | 150 | 1800 | 75 | <25 | 75 | 50 | <05 | <25 |
| BHU-24/87 | 54.10 | 54.35 | 0.25 | 96 | Dolomitic marble+4%Pyrr. | 175 | 1200 | 50 | <25 | 50 | 50 | <05 | <25 |
| BHU-24/88 | 54.35 | 54.65 | 0.30 | 97 | Dolomitic marble+5%Pyrr.+specks of Cpy. | 250 | 800 | 50 | 25 | 75 | 50 | <05 | <25 |
| BHU-24/89 | 54.65 | 54.95 | 0.30 | 97 | Talc tremolitic marble+5%Pyrr.+specks of Cpy. | 200 | 400 | 50 | <25 | 75 | 50 | <05 | <25 |
| BHU-24/90 | 54.95 | 55.25 | 0.30 | 97 | Talc tremolitic marble+4%Pyrr. | 200 | 800 | <50 | <25 | 50 | 50 | <05 | <25 |
| BHU-24/91 | 55.25 | 55.55 | 0.30 | 97 | Talc tremolitic marble+4%Pyrr. | 280 | 100 | <50 | <25 | 25 | <25 | <05 | <25 |
| BHU-24/92 | 55.55 | 55.80 | 0.25 | 100 | Talc tremolitic marble+5%Pyrr. | 270 | 350 | 50 | <25 | 100 | 75 | <05 | <25 |
| BHU-24/93 | 58.20 | 58.45 | 0.25 | 100 | Talc tremolitic marble+8%Pyrr.+specks of Cpy. | 900 | 3900 | 75 | <25 | 100 | 100 | <05 | <25 |
| BHU-24/94 | 58.45 | 58.70 | 0.25 | 100 | Talc tremolitic marble+8%Pyrr. | 750 | 900 | 50 | <25 | 100 | 150 | <05 | <25 |
| BHU-24/95 | 58.70 | 59.05 | 0.35 | 100 | Talc tremolitic marble+6%Pyrr. | 210 | 800 | 50 | <25 | 150 | 125 | <05 | <25 |
| BHU-24/96 | 63.70 | 64.00 | 0.30 | 83 | Talc tremolitic marble+1%Pyrr. | 250 | 200 | 50 | <25 | 50 | 25 | <05 | <25 |
| BHU-24/97 | 64.00 | 64.25 | 0.25 | 84 | Talc tremolitic marble+40%Pyrr.+specks of Cp. | 230 | 450 | 100 | <25 | 225 | 300 | <05 | <25 |
| BHU-24/98 | 64.25 | 64.50 | 0.25 | 84 | Talc tremolitic marble+25%Pyrr.+specks of Cpy. | 230 | 1100 | 75 | <25 | 175 | 200 | <05 | <25 |
| BHU-24/99 | 64.50 | 64.75 | 0.25 | 84 | Talc tremolitic marble+4Pyrr. | 350 | 300 | 75 | <25 | 50 | 25 | <05 | <25 |
| BHU-24/100 | 64.75 | 65.00 | 0.25 | 84 | Talc tremolitic marble+2%Pyrr. | 280 | 600 | 75 | <25 | 50 | 50 | <05 | <25 |
| BHU-24/101 | 65.00 | 65.30 | 0.30 | 87 | Amphibole marble | 240 | 1000 | 50 | <25 | 75 | 50 | <05 | <25 |
| BHU-24/102 | 65.30 | 65.50 | 0.20 | 100 | Dolomitic marble+20%Pyrr.+1%Cpy. | 260 | 5700 | 75 | 25 | 125 | 100 | <05 | <25 |
| BHU-24/103 | 65.50 | 65.75 | 0.25 | 100 | Dolomitic marble+5%Pyrr. | 130 | 700 | 50 | <25 | 25 | 25 | <05 | <25 |
| BHU-24/104 | 65.75 | 66.01 | 0.26 | 92 | Dolomitic marble+8%Pyrr.+specks of Cpy. | 240 | 500 | 50 | <25 | 125 | 75 | <05 | <25 |
| BHU-24/105 | 66.01 | 66.27 | 0.26 | 96 | Dolomitic marble+2%Pyrr. | 250 | 1600 | 50 | <25 | 100 | 50 | <05 | <25 |
| BHU-24/106 | 66.27 | 66.53 | 0.26 | 96 | Amphibole marble +1%Pyrr. | 300 | 500 | 50 | <25 | 50 | 75 | <05 | <25 |
| BHU-24/107 | 66.53 | 66.79 | 0.26 | 96 | Amphibole marble +1%Pyrr. | 1450 | 800 | 50 | <25 | 75 | 100 | <05 | <25 |
| BHU-24/108 | 66.79 | 67.05 | 0.26 | 96 | Amphibole marble +1%Pyrr. | 250 | 200 | <25 | <25 | 25 | <25 | <05 | <25 |
| BHU-24/109 | 67.05 | 67.31 | 0.26 | 96 | Amphibole marble +2%Pyrr. | 180 | 200 | <25 | <25 | 25 | 25 | <05 | <25 |
| BHU-24/110 | 67.31 | 67.57 | 0.26 | 96 | Amphibole marble +3%Pyrr. | 150 | 200 | <25 | <25 | 25 | <25 | <05 | <25 |
| BHU-24/111 | 67.57 | 67.79 | 0.22 | 95 | Amphibole marble +5%Pyrr. | 170 | 300 | <25 | 25 | 25 | <25 | <05 | <25 |

| Sample No. | Depth from | Depth to | width | Rec. % | LITHOLOGY | Au ppb | Cu ppm | Pb ppm | Zn ppm | Ni ppm | Co ppm | Ag ppm | Cd ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BHU-24/112 | 67.79 | 68.00 | 0.21 | 95 | Amphibole marble +5%Pyrr+specks of Cpy. | 150 | 400 | <25 | 25 | 50 | <25 | <05 | <25 |
| BHU-24/113 | 68.00 | 68.30 | 0.30 | 100 | Amphibole marble +4%Pyrr. | 190 | 600 | <25 | 25 | 50 | 50 | <05 | <25 |
| BHU-24/114 | 68.30 | 68.60 | 0.30 | 100 | Amphibole marble +6%Pyrr. | 240 | 1200 | 75 | <25 | 75 | 50 | <05 | <25 |
| BHU-24/115 | 68.60 | 68.90 | 0.30 | 100 | Amphibole marble +4%Pyrr. | 160 | 700 | 75 | <25 | 50 | 50 | <05 | <25 |
| BHU-24/116 | 68.90 | 69.20 | 0.30 | 100 | Amphibole marble +4%Pyrr. | 160 | 400 | 50 | 25 | 50 | 25 | <05 | <25 |
| BHU-24/117 | 69.20 | 69.50 | 0.30 | 97 | Amphibole marble +3%Pyrr. | 170 | 400 | 50 | 25 | 50 | 50 | <05 | <25 |
| BHU-24/118 | 69.50 | 69.80 | 0.30 | 97 | Amphibole marble +3%Pyrr. | 150 | 600 | 50 | 25 | 50 | 50 | <05 | <25 |
| BHU-24/119 | 69.80 | 70.10 | 0.30 | 97 | Amphibole marble +3%Pyrr. | 150 | 500 | 50 | <25 | 50 | 25 | <05 | <25 |
| BHU-24/120 | 70.10 | 70.40 | 0.30 | 97 | Amphibole marble +3%Pyrr. | 230 | 400 | 50 | 25 | 50 | 125 | <05 | <25 |
| BHU-24/121 | 70.40 | 70.70 | 0.30 | 97 | Amphibole marble +12%Pyrr. | 670 | 500 | 50 | <25 | 100 | 200 | <05 | <25 |
| BHU-24/122 | 74.95 | 75.24 | 0.29 | 100 | Amphibole marble +3%Pyrr. | 180 | 200 | 50 | <25 | 25 | 25 | <05 | <25 |
| BHU-24/123 | 75.24 | 75.53 | 0.29 | 100 | Amphibole marble +3%Pyrr. | 120 | 300 | 50 | 25 | 25 | 25 | <05 | <25 |
| BHU-24/124 | 75.53 | 75.82 | 0.29 | 100 | Amphibole marble +3%Pyrr. | 160 | 125 | 50 | 25 | 25 | <25 | <05 | <25 |
| BHU-24/125 | 75.82 | 76.11 | 0.29 | 100 | Amphibole marble +3%Pyrr. | 160 | 100 | 50 | 25 | 25 | <25 | <05 | <25 |
| BHU-24/126 | 76.11 | 76.40 | 0.29 | 100 | Amphibole marble +2%Pyrr. | 220 | 150 | 50 | 25 | 25 | <25 | <05 | <25 |
| BHU-24/127 | 76.40 | 76.69 | 0.29 | 97 | Amphibole marble +5%Pyrr.+specks of Cpy. | 270 | 800 | 50 | <25 | 75 | 75 | <05 | <25 |
| BHU-24/128 | 76.69 | 76.98 | 0.29 | 97 | Dolomitic marble+6%Pyrr.+specks of Cpy. | 190 | 2100 | 50 | <25 | 50 | 50 | <05 | <25 |
| BHU-24/129 | 76.98 | 77.27 | 0.29 | 97 | Amphibole marble+5%Pyrr.specks of Cpy. | 210 | 450 | 50 | <25 | 50 | 50 | <05 | <25 |
| BHU-24/130 | 77.27 | 77.56 | 0.29 | 97 | Amphibole marble+6%Pyrr. | 230 | 300 | 50 | <25 | 150 | 100 | <05 | <25 |
| BHU-24/131 | 77.56 | 77.85 | 0.29 | 97 | Amphibole marble+5%Pyrr. | 290 | 400 | 50 | <25 | 100 | 100 | <05 | <25 |
| BHU-24/132 | 77.85 | 78.15 | 0.30 | 97 | Dolomitic marble+4%Pyrr. | 2010 | 700 | <50 | <25 | 75 | 175 | <05 | <25 |
| BHU-24/133 | 78.15 | 78.45 | 0.30 | 97 | Dolomitic marble+5%Pyrr. | 330 | 800 | 50 | <25 | 50 | 50 | <05 | <25 |
| BHU-24/134 | 78.45 | 78.75 | 0.30 | 97 | Dolomitic marble+5%Pyrr. | 270 | 1100 | <50 | <25 | 75 | 50 | <05 | <25 |
| BHU-24/135 | 78.75 | 79.05 | 0.30 | 97 | Amphibole marble+1%Pyrr. | 190 | 175 | <50 | <25 | 25 | <25 | <05 | <25 |
| BHU-24/136 | 79.05 | 79.30 | 0.25 | 96 | Amphibole marble+2%Pyrr. | 140 | 250 | <50 | <25 | 25 | 25 | <05 | <25 |
| BHU-24/137 | 79.30 | 79.55 | 0.25 | 100 | Amphibole marble+2%Pyrr. | 220 | 275 | <50 | <25 | 25 | 25 | <05 | <25 |
| BHU-24/138 | 79.55 | 79.85 | 0.30 | 100 | Crystallin marble+5%Pyrr.+2%Cpy. | 740 | 3800 | 50 | <25 | 25 | 50 | <05 | <25 |
| BHU-24/139 | 79.85 | 80.15 | 0.30 | 100 | Crystallin marble+5%Pyrr.+specks of Cpy. | 830 | 1200 | <50 | <25 | 50 | 200 | <05 | <25 |
| BHU-24/140 | 80.15 | 80.45 | 0.30 | 100 | Dolomitic marble+2%Pyrr. | 470 | 200 | <50 | <25 | 50 | 25 | <05 | <25 |
| BHU-24/141 | 80.45 | 80.80 | 0.35 | 86 | Amphibole marble+3%Pyrr. | 390 | 500 | <50 | <25 | 50 | 50 | <05 | <25 |
| BHU-24/142 | 80.80 | 81.15 | 0.35 | 86 | Amphibole marble+2%Pyrr. | 320 | 800 | <50 | <25 | 50 | 25 | <05 | <25 |
| BHU-24/143 | 81.15 | 81.45 | 0.30 | 100 | Amphibole marble+3%Pyrr. | 3510 | 150 | <50 | <25 | 25 | <25 | <05 | <25 |
| BHU-24/144 | 82.90 | 83.20 | 0.30 | 100 | Amphibole marble+6%Pyrr. | 8740 | 1700 | <50 | <25 | 75 | 50 | <05 | <25 |
| BHU-24/145 | 83.20 | 83.50 | 0.30 | 100 | Amphibole marble+4%Pyrr. | 340 | 400 | <50 | <25 | 25 | <25 | <05 | <25 |
| BHU-24/146 | 83.50 | 83.75 | 0.25 | 100 | Amphibole marble+2%Pyrr. | 280 | 275 | <50 | <25 | 25 | <25 | <05 | <25 |
| BHU-24/147 | 83.75 | 84.00 | 0.25 | 100 | Amphibole marble+6%Pyrr. | 410 | 700 | <50 | <25 | 75 | 100 | <05 | <25 |
| BHU-24/148 | 84.00 | 84.25 | 0.25 | 100 | Amphibole marble+8%Pyrr.+specks of Cpy. | 380 | 700 | <50 | <25 | 100 | 50 | <05 | <25 |
| BHU-24/149 | 84.25 | 84.50 | 0.25 | 100 | Amphibole marble+specks of Cpy. | 100 | 350 | <50 | <25 | <25 | <25 | <05 | <25 |
| BHU-24/150 | 84.50 | 84.80 | 0.30 | 100 | Amphibole marble+4%Pyrr.+ specks of Cpy. | 290 | 400 | <50 | <25 | 50 | 25 | <05 | <25 |

| Sample No. | Depth from | Depth to | width | Rec. % | LITHOLOGY | Au ppm | Cu ppm | Pb ppm | Zn ppm | Ni ppm | Co ppm | Ag ppm | Cd ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BHU-24/151 | 84.80 | 85.10 | 0.30 | 100 | Dolomitic marble-5%Pyrr.+specks of Cpy. | 1200 | 5200 | <50 | <25 | 75 | 50 | <05 | <25 |
| BHU-24/152 | 85.10 | 85.40 | 0.30 | 100 | Dolomitic marble-6%Pyrr.+1%Cpy. | 1370 | 3400 | <50 | <25 | 100 | 125 | <05 | <25 |
| BHU-24/153 | 85.40 | 85.70 | 0.30 | 100 | Dolomitic marble-2%Pyrr. | 710 | 2400 | 50 | <25 | 50 | 100 | <05 | <25 |
| BHU-24/154 | 85.70 | 86.00 | 0.30 | 100 | Dolomitic marble-1%Pyrr. | 1360 | 700 | 50 | <25 | 75 | 50 | <05 | <25 |
| BHU-24/155 | 86.00 | 86.30 | 0.30 | 100 | Dolomitic marble-4%Pyrr. | 880 | 800 | 50 | <25 | 75 | 125 | <05 | <25 |
| BHU-24/156 | 86.30 | 86.60 | 0.30 | 100 | Dolomitic marble-4%Pyrr. | 220 | 250 | 50 | <25 | 25 | <25 | <05 | <25 |
| BHU-24/157 | 89.60 | 89.95 | 0.35 | 97 | Dolomitic marble-2%Pyrr. | 160 | 225 | 50 | <25 | 25 | <25 | <05 | <25 |
| BHU-24/158 | 89.95 | 90.30 | 0.35 | 97 | Dolomitic marble-3%Pyrr. | 250 | 800 | 50 | <25 | 50 | 75 | <05 | <25 |
| BHU-24/159 | 90.30 | 90.65 | 0.35 | 97 | Dolomitic marble-4%Pyrr. | 220 | 800 | 50 | <25 | 25 | 25 | <05 | <25 |
| BHU-24/160 | 90.65 | 91.00 | 0.35 | 94 | Dolomitic marble-4%Pyrr. | 510 | 900 | 50 | <25 | 50 | 50 | <05 | <25 |
| BHU-24/161 | 91.00 | 91.35 | 0.35 | 100 | Dolomitic marble-4%Pyrr. | 360 | 600 | 50 | <25 | 50 | 75 | <05 | <25 |
| BHU-24/162 | 91.35 | 91.65 | 0.30 | 100 | Dolomitic marble-5%Pyrr.+2%Cpy. | 370 | 3800 | 50 | <25 | 75 | 75 | <05 | <25 |
| BHU-24/163 | 106.75 | 107.05 | 0.30 | 83 | Dolomitic marble - 4%Pyrr.+1%Cpy. | 130 | 1100 | <50 | <25 | <25 | <25 | <05 | <25 |
| BHU-24/164 | 107.05 | 107.30 | 0.25 | 100 | Dolomitic marble - 2%Pyrr.+1%Cpy. | 280 | 1200 | <50 | <25 | 75 | 50 | <05 | <25 |
| BHU-24/165 | 107.30 | 107.55 | 0.25 | 100 | Dolomitic marble + 2%Pyrr.+< 1%Cpy. | 240 | 7500 | <50 | 25 | 25 | 25 | <05 | <25 |
| BHU-24/166 | 107.55 | 107.80 | 0.25 | 100 | Dolomitic marble - 1%Pyrr. + specks of Cpy. | 290 | 11500 | <50 | 75 | 25 | 25 | <05 | <25 |
| BHU-24/167 | 107.80 | 108.05 | 0.25 | 100 | Dolomitic marble - 4% %Pyrr. | 300 | 1100 | <50 | <25 | 25 | 25 | <05 | <25 |
| BHU-24/168 | 108.05 | 108.30 | 0.25 | 100 | Dolomitic marble - 7% %Pyrr.+>1%Cpy. | 1410 | 9000 | 50 | 50 | 100 | 75 | <05 | <25 |
| BHU-24/169 | 108.30 | 108.55 | 0.25 | 100 | Dolomitic marble +3 % %Pyrr. | 760 | 3700 | 75 | <25 | 200 | 150 | <05 | <25 |
| BHU-24/170 | 108.55 | 108.80 | 0.25 | 100 | Dolomitic marble + 30%Pyrr.+specks of Cpy. | 1250 | 700 | <50 | <25 | 100 | 100 | <05 | <25 |
| BHU-24/171 | 108.80 | 109.05 | 0.25 | 100 | Dolomitic marble - 20%Pyrr.+specks of Cpy. | 550 | 1300 | 75 | <25 | 200 | 150 | <05 | <25 |
| BHU-24/172 | 109.05 | 109.30 | 0.25 | 96 | Dolomitic marble + 8.0 %Pyrr.+<1%Cpy. | 510 | 1100 | 75 | <25 | 225 | 175 | <05 | <25 |
| BHU-24/173 | 109.30 | 109.55 | 0.25 | 96 | Dolomitic marble - 8%Pyrr. | 410 | 1400 | 50 | <25 | 125 | 100 | <05 | <25 |
| BHU-24/174 | 109.55 | 109.85 | 0.30 | 97 | Dolomitic marble - 6%Pyrr. | 450 | 1000 | <50 | <25 | 100 | 100 | <05 | <25 |
| BHU-24/175 | 117.50 | 117.75 | 0.25 | 100 | Dolomitic marble - 15%Pyrr. | 330 | 1400 | 50 | <25 | 100 | 100 | <05 | <25 |
| BHU-24/176 | 117.75 | 118.00 | 0.25 | 100 | Dolomitic marble+10%Pyrr.+specks of Cpy. | 190 | 600 | <50 | <25 | 75 | 75 | <05 | <25 |
| BHU-24/177 | 118.00 | 118.30 | 0.30 | 100 | Dolomitic marble- 4%Pyrr. | 110 | 200 | <50 | <25 | 50 | 25 | <05 | <25 |
| BHU-24/178 | 118.30 | 118.55 | 0.25 | 100 | Dolomitic marble- 1%Pyrr. | 110 | 150 | <50 | <25 | 50 | <25 | <05 | <25 |
| BHU-24/179 | 118.55 | 118.80 | 0.25 | 100 | Amphibole marble + 7%Pyrr.+specks of Cpy. | 100 | 400 | <50 | <25 | 50 | 25 | <05 | <25 |
| BHU-24/180 | 118.80 | 119.00 | 0.20 | 100 | Amphibole marble - 8%Pyrr.+specks of Cpy. | 330 | 500 | <50 | <25 | 100 | 75 | <05 | <25 |
| BHU-24/181 | 128.00 | 128.30 | 0.30 | 100 | Amphibole marble - 8%Pyrr. | 220 | 400 | <50 | <25 | 100 | 50 | <05 | <25 |
| BHU-24/182 | 128.30 | 128.65 | 0.35 | 86 | Amphibole marble - 4%Pyrr. | 130 | 700 | <50 | <25 | 50 | 25 | <05 | <25 |
| BHU-24/183 | 152.50 | 152.80 | 0.30 | 97 | Amphibole marble - 8%Pyrr. | 910 | 1500 | <50 | <25 | 125 | 75 | <05 | <25 |
| BHU-24/184 | 152.80 | 153.10 | 0.30 | 97 | Amphibole marble - 5%Pyrr. | 420 | 450 | <50 | <25 | 75 | 50 | <05 | <25 |
| BHU-24/185 | 153.10 | 153.45 | 0.35 | 97 | Amphibole marble + 4%Pyrr. | 270 | 300 | <50 | <25 | 125 | 75 | <05 | <25 |
| BHU-24/186 | 153.45 | 153.80 | 0.35 | 97 | Amphibole marble + 4%Pyrr. | 210 | 300 | <50 | <25 | 50 | <25 | <05 | <25 |
| BHU-24/187 | 157.20 | 157.45 | 0.25 | 100 | Amphibole marble - 6%Pyrr.+specks of Cpy. | 600 | 50 | <50 | <25 | 100 | 75 | <05 | <25 |
| BHU-24/188 | 157.45 | 157.70 | 0.25 | 100 | Amphibole marble + 8%Pyrr.+specks of Cpy. | 4000 | 4800 | <50 | <25 | 175 | 20 | <05 | <25 |

APPENDIX - I

## DETAIL OF CORE SAMPLING AND ANALYTICAL RESULTS, BORE HOLE NO. BHU - 34, SOUTH CENTRAL BLOCK BHUKIA GOLD INVESTIGATION, BANSWARA DISTRICT RAJASTHAN.

| Sample | Sample length (m) | | | Rec. | Rec. | DESCRIPTION | | Chemical analysis | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| No. | From | To | Diff. | len.(m) | % | | | Cu | Pb | Zn | Ni | Co | Ag | Au |
| BHU-34/1 | 77.60 | 77.85 | 0.25 | 0.25 | 100 | Amphibolite | Pyrr 1-2%, cpy. rare specks | 50 | <50 | <25 | 50 | 25 | <5 | 2.10 |
| BHU-34/2 | 77.85 | 78.10 | 0.25 | 0.25 | 100 | do | do | 75 | 50 | <25 | 50 | 75 | <5 | 0.20 |
| BHU-34/3 | 78.10 | 78.40 | 0.30 | 0.30 | 100 | do | Pyrr 1-2%, cpy ~ 1% | 4100 | <50 | <25 | 75 | 125 | <5 | 0.30 |
| BHU-34/4 | 78.40 | 78.70 | 0.30 | 0.30 | 100 | do | Pyrr 1-2%, cpy rare specks | 1200 | 50 | <25 | 125 | 175 | <5 | 0.19 |
| BHU-34/5 | 78.70 | 79.00 | 0.30 | 0.30 | 100 | do | do | 1300 | <50 | <25 | 100 | 250 | <5 | 0.30 |
| BHU-34/6 | 79.00 | 79.30 | 0.30 | 0.30 | 100 | do | Pyrr 30-40%, cpy 1-2% | 3200 | 75 | 25 | 400 | 275 | <5 | 2.88 |
| BHU-34/7 | 79.30 | 79.60 | 0.30 | 0.30 | 100 | do | Pyrr 1-2%, cpy rare specks. | 450 | 50 | <25 | 50 | 50 | <5 | 0.89 |
| BHU-34/8 | 79.60 | 79.85 | 0.25 | 0.25 | 100 | do | Pyrr 1-2%, cpy rare specks. | 300 | 50 | <25 | 100 | 5 | <5 | 0.49 |
| BHU-34/9 | 79.85 | 80.10 | 0.25 | 0.25 | 100 | do | Pyrr 3-4%, cpy rare specks. | 800 | 50 | <25 | 25 | 25 | <5 | 0.36 |
| BHU-34/10 | 80.10 | 80.40 | 0.30 | 0.30 | 100 | do | Pyrr 8-10%, cpy rare specks. | 4900 | 50 | <25 | 150 | 125 | <5 | 2.51 |
| BHU-34/11 | 80.40 | 80.70 | 0.30 | 0.30 | 100 | do | Pyrr 3-4% cpy rare specks. | 1200 | 50 | 25 | 150 | 125 | <5 | 3.09 |
| BHU-34/12 | 173.20 | 173.50 | 0.30 | 0.30 | 100 | do | Pyrr 5-8%, cpy 1-2% | 6900 | 50 | 25 | 50 | 25 | <5 | 4.73 |
| BHU-34/13 | 173.50 | 173.80 | 0.30 | 0.30 | 100 | do | Pyrr 10-12% cpy rare specks. | 2200 | 50 | <25 | 250 | 150 | <5 | 2.54 |
| BHU-34/14 | 173.80 | 174.15 | 0.35 | 0.35 | 100 | do | Pyrr 10-12% cpy cpy 2-3% | 6700 | 50 | <25 | 200 | 100 | <5 | 0.56 |
| BHU-34/15 | 174.15 | 174.50 | 0.35 | 0.25 | 71.4 | Keratophyre | Pyrr 5-8%, cpy 1-2% | 4800 | <50 | <25 | 75 | 25 | <5 | 0.27 |
| BHU-34/16 | 174.50 | 174.85 | 0.35 | 0.25 | 71.4 | do | do | 5700 | 50 | <25 | 175 | 100 | <5 | 0.30 |
| BHU-34/17 | 174.85 | 175.15 | 0.30 | 0.15 | 50 | do | do | 2500 | <50 | <25 | 50 | 50 | <5 | 0.22 |
| BHU-34/18 | 175.15 | 175.40 | 0.25 | 0.23 | 92 | Keratophyre | Pyrr 3-4%, cpy 1-2% | 900 | <50 | <25 | 75 | 50 | <5 | 0.43 |
| BHU-34/19 | 175.40 | 175.65 | 0.25 | 0.23 | 92 | do | do | 6300 | 50 | <25 | 150 | 150 | <5 | 1.89 |
| BHU-34/20 | 175.65 | 175.95 | 0.30 | 0.28 | 93.3 | do | do | 7500 | 50 | <25 | 125 | 75 | <5 | 0.28 |
| BHU-34/21 | 175.95 | 176.25 | 0.30 | 0.28 | 93.3 | do | Pyrr 1-2%, cpy rare specks. | 3200 | <50 | <25 | 75 | 50 | <5 | 0.81 |
| BHU-34/22 | 176.25 | 176.55 | 0.30 | 0.28 | 93.3 | do | Pyrr 3-4%, cpy rare specks. | | <50 | 25 | 175 | 125 | <5 | 2.84 |

| Sample | Sample length (m) | | | Rec. | Rec. | DESCRIPTION | | Chemical analysis | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| No. | From | To | Diff. | len.(m) | % | | | Cu | Pb | Zn | Ni | Co | Ag | Au |
| BHU-34/23 | 176.55 | 176.85 | 0.30 | 0.28 | 93.3 | do | do | 2000 | <50 | <25 | 75 | 50 | <5 | 1.27 |
| BHU-34/24 | 176.85 | 177.15 | 0.30 | 0.28 | 93.3 | do | Pyrr 1-2%, cpy ~ 1% | 2700 | <50 | <25 | 75 | 50 | <5 | 0.37 |
| BHU-34/25 | 177.15 | 177.45 | 0.30 | 0.28 | 93.3 | do | Pyrr 5-8%, cpy rare specks. | 1700 | 50 | <25 | 275 | 150 | <5 | 0.19 |
| BHU-34/26 | 177.45 | 177.75 | 0.30 | 0.28 | 93.3 | do | Pyrr 1-2%, cpy rare specks. | 1500 | <50 | <25 | 75 | 50 | <5 | 0.15 |
| BHU-34/27 | 177.75 | 178.05 | 0.30 | 0.28 | 93.3 | do | do | 800 | <50 | <25 | 100 | 75 | <5 | 0.19 |
| BHU-34/28 | 180.75 | 181.05 | 0.30 | 0.29 | 96.7 | Amphibolite | Pyrr 5-8%, cpy 1-2%, Asp 1-2% | 5200 | 50 | <25 | 200 | 500 | <5 | 9.91 |
| BHU-34/29 | 181.05 | 181.35 | 0.30 | 0.29 | 96.7 | do | do | 7900 | <50 | <25 | 100 | 100 | <5 | 1.96 |
| BHU-34/30 | 181.35 | 181.65 | 0.30 | 0.29 | 96.7 | Amphibolite | Pyrr 5-8%, Asp rare specks | 2700 | 50 | 25 | 75 | 50 | <5 | 0.91 |
| BHU-34/31 | 181.65 | 181.95 | 0.30 | 0.29 | 96.7 | do | do | 7200 | 50 | <25 | 100 | 50 | <5 | 1.82 |
| BHU-34/32 | 181.95 | 182.25 | 0.30 | 0.29 | 96.7 | do | Pyrr 1-2%, Asp rare specks | 1200 | <50 | <25 | 50 | 75 | <5 | 0.46 |
| BHU-34/33 | 182.25 | 182.55 | 0.30 | 0.29 | 96.7 | do | Pyrr 3-4%, Asp rare specks | 2600 | 50 | <25 | 125 | 150 | <5 | 13.75 |
| BHU-34/34 | 182.55 | 182.85 | 0.30 | 0.29 | 96.7 | do | do | 1400 | 50 | <25 | 75 | 50 | <5 | 0.98 |
| BHU-34/35 | 182.85 | 183.15 | 0.30 | 0.28 | 93.3 | do | do | 1300 | 50 | <25 | 200 | 200 | <5 | 1.98 |
| BHU-34/36 | 183.15 | 183.45 | 0.30 | 0.23 | 76.7 | do | Pyrr 2-3%, cpy 1-2% | 2600 | 50 | <25 | 250 | 300 | <5 | 1.64 |
| BHU-34/37 | 183.45 | 183.80 | 0.35 | 0.25 | 71.4 | do | do | 3200 | <50 | <25 | 100 | 175 | <5 | 1.12 |
| BHU-34/38 | 183.80 | 184.15 | 0.35 | 0.25 | 71.4 | do | Pyrr 1-2%, cpy rare specks | 500 | <50 | <25 | 100 | 100 | <5 | 0.25 |
| BHU-34/39 | 187.40 | 187.70 | 0.30 | 0.28 | 93.3 | do | Pyrr 3-4%, Asp & cpr rare specks | 900 | 50 | <25 | 100 | 75 | <5 | 0.58 |
| BHU-34/40 | 187.70 | 188.00 | 0.30 | 0.28 | 93.3 | do | do | 700 | 50 | <25 | 50 | 25 | <5 | 0.52 |
| BHU-34/41 | 188.00 | 188.30 | 0.30 | 0.28 | 93.3 | do | do | 400 | <50 | <25 | 25 | 25 | <5 | 1.08 |
| BHU-34/42 | 188.30 | 188.60 | 0.30 | 0.28 | 93.3 | do | do | 800 | <50 | <25 | 100 | 75 | <5 | 1.51 |
| BHU-34/43 | 188.60 | 188.90 | 0.30 | 0.28 | 93.3 | do | do | 800 | 50 | <25 | 50 | 50 | <5 | 26.20 |
| BHU-34/44 | 188.90 | 189.20 | 0.30 | 0.27 | 90 | do | do | 600 | 50 | <25 | 50 | 25 | <5 | 1.30 |
| BHU-34/45 | 189.20 | 189.50 | 0.30 | 0.27 | 90 | Amphibolite | Pyrr 3-4%, Asp & cpr rare specks | 900 | 50 | <25 | 50 | 25 | <5 | 0.19 |
| BHU-34/46 | 189.50 | 189.80 | 0.30 | 0.27 | 90 | do | Pyrr 15-20%, cpy 2-3%, Asp 2-3% | 1500 | <50 | <25 | 100 | 175 | <5 | 0.87 |

| Sample | Sample length (m) | | | Rec. | Rec. | DESCRIPTION | | Chemical analysis | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| No. | From | To | Diff. | len.(m) | % | | | Cu | Pb | Zn | Ni | Co | Ag | Au |
| BHU-34/47 | 189.80 | 190.10 | 0.30 | 0.27 | 90 | do | do | 2500 | 50 | <25 | 125 | 75 | <5 | 0.72 |
| BHU-34/48 | 190.10 | 190.40 | 0.30 | 0.27 | 90 | do | do | 5000 | 50 | <25 | 150 | 250 | <5 | 2.70 |
| BHU-34/49 | 190.40 | 190.70 | 0.30 | 0.29 | 96.7 | do | Pyrr 3-4%, cpy 1-2%, Asp 1-2% | 4400 | 50 | <25 | 100 | 125 | <5 | 0.80 |
| BHU-34/50 | 190.70 | 191.05 | 0.35 | 0.34 | 97.1 | do | Pyrr 5-8%, Asp 1-2% cpy rare specks | 1400 | <50 | <25 | 75 | 50 | <5 | 0.32 |
| BHU-34/51 | 191.05 | 191.40 | 0.35 | 0.33 | 94.3 | do | do | 700 | 50 | <25 | 50 | 50 | <5 | 0.42 |
| BHU-34/52 | 191.40 | 191.70 | 0.30 | 0.29 | 96.7 | do | Pyrr 5-8%, Asp 1-2%, cp ~ 1% | 4600 | 50 | <25 | 100 | 75 | <5 | 0.30 |
| BHU-34/53 | 191.70 | 192.00 | 0.30 | 0.29 | 96.7 | do | do | 1000 | 50 | <25 | 100 | 125 | <5 | 1.81 |
| BHU-34/54 | 192.00 | 192.30 | 0.30 | 0.29 | 96.7 | do | Pyrr 3-4%, Asp & cpy rare specks | 700 | 50 | <25 | 100 | 75 | <5 | 0.68 |
| BHU-34/55 | 192.30 | 192.60 | 0.30 | 0.28 | 93.3 | do | Pyrr 2-3%, Asp & cpy rare specks | 250 | <50 | <25 | 50 | 75 | <5 | 0.52 |
| BHU-34/56 | 192.60 | 192.90 | 0.30 | 0.28 | 93.3 | do | do | 300 | <50 | <25 | 50 | <25 | <5 | 0.24 |
| BHU-34/57 | 192.90 | 193.15 | 0.25 | 0.24 | 96 | do | Pyrr 5-8%, Asp 2-3% | 1000 | 50 | <25 | 200 | 300 | <5 | 2.01 |
| BHU-34/58 | 193.15 | 193.40 | 0.25 | 0.24 | 96 | do | do | 1000 | 50 | <25 | 50 | 50 | <5 | 0.20 |
| BHU-34/59 | 193.40 | 193.70 | 0.30 | 0.29 | 96.7 | do | Pyrr 5-8%, Asp cpy rare specks | 600 | <50 | <25 | 50 | 25 | <5 | 0.20 |
| BHU-34/60 | 193.70 | 194.00 | 0.30 | 0.29 | 96.7 | do | do | 125 | <50 | <25 | 25 | <25 | <5 | 0.15 |
| BHU-34/61 | 194.00 | 194.30 | 0.30 | 0.29 | 96.7 | do | Pyrr 2-3%, Asp 1-2%, cpy 1-2%, | 1400 | <50 | <25 | 100 | 400 | <5 | 4.70 |
| BHU-34/62 | 194.30 | 194.60 | 0.30 | 0.29 | 96.7 | do | Pyrr 15-20%, Asp 3-5%, cpy rare specks | 2700 | 50 | <25 | 300 | 1100 | <5 | 13.00 |
| BHU-34/63 | 194.60 | 194.90 | 0.30 | 0.29 | 96.7 | do | do | 2100 | <50 | <25 | 200 | 500 | <5 | 1.10 |
| BHU-34/64 | 194.90 | 195.20 | 0.30 | 0.30 | 100 | Amphibolite | Pyrr 1-2%, Asp & cpy rare specks | 2100 | <50 | <25 | 50 | 25 | <5 | 0.11 |
| BHU-34/65 | 195.20 | 195.50 | 0.30 | 0.30 | 100 | do | Pyrr 5-8%, Asp 2-3%, cpy <1 | 1900 | <50 | <25 | 150 | 500 | <5 | 3.70 |
| BHU-34/66 | 195.50 | 195.80 | 0.30 | 0.30 | 100 | do | do | 1500 | 50 | <25 | 100 | 100 | <5 | 0.70 |
| BHU-34/67 | 195.80 | 196.10 | 0.30 | 0.29 | 96.7 | do | Pyrr 5-8%, Asp 1-2% cpy rare specks | 600 | 50 | <25 | 50 | 50 | <5 | 0.58 |
| BHU-34/68 | 196.10 | 196.40 | 0.30 | 0.29 | 96.7 | do | do | 1000 | 50 | <25 | 125 | 175 | <5 | 2.00 |
| BHU-34/69 | 196.40 | 196.75 | 0.35 | 0.34 | 97.1 | Amphibolite | Pyrr 5-8%, Asp 1-2% cpy rare specks | 1600 | <50 | <25 | 125 | 500 | <5 | 3.30 |
| BHU-34/70 | 196.75 | 197.00 | 0.25 | 0.24 | 96 | do | Pyrr 15-20%, Asp 1-2% | 1400 | 50 | <25 | 150 | 300 | <5 | 7.00 |

| Sample | Sample length (m) | | | Rec. | Rec. | DESCRIPTION | | Chemical analysis | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| No. | From | To | Diff. | len.(m) | % | | | Cu | Pb | Zn | Ni | Co | Ag | Au |
| BHU-34/71 | 197.00 | 197.25 | 0.25 | 0.24 | 96 | do | Pyrr 25-30%, Asp 2-3% | 1300 | 50 | <25 | 200 | 275 | <5 | 2.00 |
| BHU-34/72 | 197.25 | 197.55 | 0.30 | 0.28 | 93.3 | do | Pyrr 5-8%, Asp 2-3% | 1000 | 50 | <25 | 125 | 125 | <5 | 0.75 |
| BHU-34/73 | 197.55 | 197.85 | 0.30 | 0.28 | 93.3 | do | Pyrr 5-8%, Asp 1-2% | 1700 | 50 | <25 | 75 | 75 | <5 | 0.42 |
| BHU-34/74 | 197.85 | 198.15 | 0.30 | 0.28 | 93.3 | do | do | 600 | 50 | <25 | 75 | 50 | <5 | 0.41 |
| BHU-34/75 | 198.15 | 198.45 | 0.30 | 0.29 | 96.7 | do | do | 450 | 50 | <25 | 75 | 50 | <5 | 0.74 |
| BHU-34/76 | 198.45 | 198.75 | 0.30 | 0.29 | 96.7 | do | do | 400 | 50 | <25 | 50 | 50 | <5 | 1.00 |
| BHU-34/77 | 198.75 | 199.05 | 0.30 | 0.30 | 100 | do | Pyrr 8-10%, Asp rare specks | 500 | 50 | <25 | 50 | 25 | <5 | 1.29 |
| BHU-34/78 | 199.05 | 199.40 | 0.35 | 0.35 | 100 | do | do | 1700 | 50 | <25 | 150 | 125 | <5 | 2.32 |
| BHU-34/79 | 199.40 | 199.75 | 0.35 | 0.35 | 100 | do | do | 800 | <50 | <25 | 50 | 75 | <5 | 3.00 |
| BHU-34/80 | 199.75 | 200.05 | 0.30 | 0.30 | 100 | Banded ampbole dolo. marble | Pyrr 3-4%, Asp rare specks | 600 | 50 | <25 | 50 | 50 | <5 | 1.77 |
| BHU-34/81 | 200.05 | 200.35 | 0.30 | 0.30 | 100 | do | do | 900 | 50 | <25 | 50 | 50 | <5 | 1.16 |
| BHU-34/82 | 200.35 | 200.65 | 0.30 | 0.30 | 100 | do | do | 500 | <50 | <25 | 25 | 25 | <5 | 0.95 |
| BHU-34/83 | 200.65 | 200.95 | 0.30 | 0.30 | 100 | do | do | 500 | 50 | <25 | 50 | 25 | <5 | 0.47 |
| BHU-34/84 | 200.95 | 201.30 | 0.35 | 0.35 | 100 | do | Pyrr 1-2%, Asp rare specks | 800 | 50 | <25 | 75 | 50 | <5 | 1.21 |
| BHU-34/85 | 201.30 | 201.65 | 0.35 | 0.35 | 100 | do | do | 150 | <50 | <25 | 50 | <25 | <5 | 0.20 |
| BHU-34/86 | 201.65 | 202.00 | 0.35 | 0.35 | 100 | do | do | 200 | <50 | <25 | 75 | 100 | <5 | 0.24 |
| BHU-34/87 | 202.00 | 202.35 | 0.35 | 0.35 | 100 | do | do | 1100 | <50 | <25 | 100 | 75 | <5 | 0.79 |
| BHU-34/88 | 202.35 | 202.65 | 0.30 | 0.27 | 90 | Amphibolite | Pyrr 5-8%, Asp rare specks | 800 | 50 | <25 | 75 | 50 | <5 | 1.15 |
| BHU-34/89 | 202.65 | 202.95 | 0.30 | 0.27 | 90 | do | do | 500 | <50 | <25 | 50 | 50 | <5 | 4.00 |
| BHU-34/90 | 202.95 | 203.25 | 0.30 | 0.27 | 90 | do | do | 500 | 50 | <25 | 75 | 50 | <5 | 1.13 |
| BHU-34/91 | 203.25 | 203.55 | 0.30 | 0.26 | 86.7 | do | do | 300 | 50 | <25 | 50 | 50 | <5 | 0.96 |
| BHU-34/92 | 203.55 | 203.80 | 0.25 | 0.23 | 92 | do | do | 500 | <50 | <25 | 50 | 50 | <5 | 0.45 |
| BHU-34/93 | 203.80 | 204.10 | 0.30 | 0.30 | 100 | Amphibolite | Pyrr 8-10% Asp & cpy rare specks | 600 | 50 | <25 | 100 | 50 | <5 | 1.25 |
| BHU-34/94 | 204.10 | 204.40 | 0.30 | 0.30 | 100 | do | do | 1000 | 50 | <25 | 150 | 300 | <5 | 4.00 |

| Sample | Sample length (m) | | | Rec. | Rec. | DESCRIPTION | | Chemical analysis | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| No. | From | To | Diff. | len.(m) | % | | | Cu | Pb | Zn | Ni | Co | Ag | Au |
| BHU-34/95 | 204.40 | 204.70 | 0.30 | 0.30 | 100 | do | do | 800 | <50 | <25 | 75 | 25 | <5 | 0.35 |
| BHU-34/96 | 204.70 | 205.00 | 0.30 | 0.30 | 100 | do | do | 300 | <50 | <25 | 50 | <25 | <5 | 0.25 |
| BHU-34/97 | 205.00 | 205.35 | 0.35 | 0.35 | 100 | do | do | 125 | <50 | <25 | 25 | <25 | <5 | 0.38 |
| BHU-34/98 | 205.35 | 205.70 | 0.35 | 0.35 | 100 | do | Pyrr 8-10% Asp & cpy rare specks | 500 | 50 | <25 | 100 | 25 | <5 | 0.25 |
| BHU-34/99 | 205.70 | 206.00 | 0.30 | 0.30 | 100 | do | Pyrr 3-4%, Asp rare specks | 250 | 50 | <25 | 50 | 25 | <5 | 0.28 |
| BHU-34/100 | 206.00 | 206.30 | 0.30 | 0.30 | 100 | do | do | 500 | 50 | <25 | 75 | 25 | <5 | 0.30 |
| BHU-34/101 | 206.30 | 206.55 | 0.25 | 0.25 | 100 | do | Pyrr 5-8%, Asp & cpy rare specks | 400 | 50 | <25 | 50 | 25 | <5 | 0.30 |
| BHU-34/102 | 206.55 | 206.80 | 0.25 | 0.25 | 100 | do | do | 275 | 50 | <25 | 50 | <25 | <5 | 0.50 |
| BHU-34/103 | 206.80 | 207.05 | 0.25 | 0.25 | 100 | do | Pyrr 1-2%, Asp & cpy rare specks | 1500 | 50 | <25 | 75 | 25 | <5 | 0.40 |
| BHU-34/104 | 207.05 | 207.30 | 0.25 | 0.25 | 100 | do | do | 1300 | <50 | <25 | 100 | 25 | <5 | 0.60 |

APPENDIX -I

# DETAIL OF CORE SAMPLING AND ANALYTICAL RESULTS, BORE HOLE NO. BHU - 38, SOUTH CENTRAL BLOCK BHUKIA GOLD INVESTIGATION, BANSWARA DISTRICT RAJASTHAN.

| Sample | Sample length (m) | | | Rec. | Rec. | DESCRIPTION | | Chemical analysis(ppm) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| No. | From | To | Diff. | len.(m) | % | | | Cu | Pb | Zn | Ni | Co | Ag | Au |
| 1 | 23.40 | 23.65 | 0.25 | 0.24 | 96 | Amphibolite with stringers of Py & cpy | | 1300 | <50 | <25 | 125 | 50 | 5 | 0.20 |
| 2 | 23.65 | 23.90 | 0.25 | 0.24 | 96 | do | do | 2200 | 50 | <25 | 175 | 75 | 5 | 0.60 |
| 3 | 23.90 | 24.15 | 0.25 | 0.24 | 96 | do | do | 800 | 50 | <25 | 125 | 50 | 5 | 1.00 |
| 4 | 24.15 | 24.40 | 0.25 | 0.24 | 96 | do | do | 1000 | 50 | <25 | 75 | <25 | 5 | 0.20 |
| 5 | 24.40 | 24.70 | 0.30 | 0.29 | 96.67 | do | Py = 2-3%, cpy = 5-6% | 2500 | 50 | <25 | 175 | 75 | <5 | 1.50 |
| 6 | 24.70 | 25.00 | 0.30 | 0.29 | 96.67 | do | do | 2800 | 50 | <25 | 200 | 100 | <5 | 0.25 |
| 7 | 25.00 | 25.30 | 0.30 | 0.24 | 80 | do | cpy = 5-8%, Py = rare specks | 7200 | 50 | <25 | 100 | 50 | <5 | 0.22 |
| 8 | 25.30 | 25.60 | 0.30 | 0.24 | 80 | do | Rare specks of Py & cpy | 1200 | 50 | <25 | 100 | 50 | <5 | 0.40 |
| 9 | 25.60 | 25.90 | 0.30 | 0.24 | 80 | do | do | 700 | 50 | <25 | 100 | 50 | <5 | 0.77 |
| 10 | 25.90 | 26.20 | 0.30 | 0.24 | 80 | do | Py = 1-2%, cpy in traces | 900 | 50 | <25 | 175 | 75 | <5 | 0.20 |
| 11 | 26.20 | 26.45 | 0.25 | 0.24 | 96 | do | Rare specks of Py & cpy | 150 | <50 | <25 | 250 | 50 | <5 | 0.35 |
| 12 | 26.45 | 26.70 | 0.25 | 0.25 | 100 | do | do | 75 | <50 | <25 | 175 | 25 | <5 | 0.35 |
| 13 | 26.70 | 26.95 | 0.25 | 0.23 | 92 | do | Py = 1-2%, Pyrr & cpy rare | 150 | 50 | <25 | 200 | 25 | <5 | 0.69 |
| 14 | 26.95 | 27.20 | 0.25 | 0.23 | 92 | do | Rare specks of Py & cpy | 150 | <50 | <25 | 150 | 25 | <5 | 1.28 |
| 15 | 27.20 | 27.45 | 0.25 | 0.23 | 92 | do | Pyrr $\simeq$ 1% py = 1-2% cpy in traces | 100 | 50 | <25 | 250 | 25 | <5 | 0.80 |
| 16 | 27.45 | 27.70 | 0.25 | 0.23 | 92 | do | Pyrr = 10-12%, Py = 1-2% cpy <1% | 700 | 50 | <25 | 150 | 50 | <5 | 0.57 |
| 17 | 27.70 | 28.00 | 0.30 | 0.28 | 93.33 | do | Pyrr = 10-12%, cpy 8-10%, Py $\simeq$ 1% | 2700 | 50 | <25 | 100 | 50 | <5 | 0.60 |
| 18 | 28.00 | 28.25 | 0.25 | 0.17 | 68 | Amphibole rich dolo. marble | do | 1600 | 50 | <25 | 100 | 50 | <5 | 0.27 |
| 19 | 28.25 | 28.50 | 0.25 | 0.17 | 68 | do | Pyrr = 8-10%, cpy = 3-5%, Py = 2-3% | 900 | 50 | <25 | 100 | 50 | <5 | 0.27 |
| 20 | 28.50 | 28.75 | 0.25 | 0.17 | 68 | do | Pyrr = 10-12%, Py = 2-3%, cpy 2-3% | 2000 | 75 | <25 | 300 | 125 | <5 | 0.40 |
| 21 | 28.75 | 29.00 | 0.25 | 0.17 | 68 | do | Rare specks of Pyrr & Py | 1700 | 50 | <25 | 250 | 75 | <5 | 0.57 |
| 22 | 29.00 | 29.25 | 0.25 | 0.17 | 68 | do | Pyrr = 35-40%, cpy = 8-10% Py = 4-5% | 1600 | 75 | <25 | 400 | 150 | <5 | 0.35 |
| 23 | 29.25 | 29.55 | 0.30 | 0.30 | 100 | do | Pyrr = 25-30%, Py = 1-2% cpy in traces | 1000 | 50 | <25 | 150 | 75 | <5 | 0.17 |
| 24 | 29.55 | 29.85 | 0.30 | 0.30 | 100 | do | Pyrr = 4-5%, Py = 10-12%, cpy = 2-3% | 1100 | 50 | <25 | 200 | 100 | <5 | 0.40 |
| 25 | 29.85 | 30.15 | 0.30 | 0.30 | 100 | do | Pyrr = 5-8%, Py & cpy in traces | 1100 | 50 | <25 | 200 | 100 | <5 | 0.25 |
| 26 | 30.15 | 30.45 | 0.30 | 0.30 | 100 | do | Pyrr = 5-8%,Py = 2-3%, cpy = 1-2% | 1600 | 50 | <25 | 125 | 50 | <5 | 0.75 |
| 27 | 30.45 | 30.75 | 0.30 | 0.30 | 100 | do | Pyrr = 5-8% cpy = 3-4%, Py =2-3% | 900 | 50 | <25 | 150 | 75 | <5 | 0.22 |
| 28 | 30.75 | 31.05 | 0.30 | 0.30 | 100 | do | Pyrr = 5-6%, cpy = 10-12%, Py = 20-25% | 1600 | 50 | <25 | 100 | 50 | <5 | 0.34 |
| 29 | 31.05 | 31.40 | 0.35 | 0.35 | 100 | do | Pyrr rare, cpy = 20-25%, cpy = 10-12% | 600 | 50 | <25 | 100 | 50 | <5 | 0.25 |
| 30 | 31.40 | 31.75 | 0.35 | 0.35 | 100 | Banded amphibole marble | Pyrr = 5-8%, Py = 2-3%, cpy = 1-2% | 900 | 50 | <25 | 100 | 50 | <5 | 1.00 |
| 31 | 31.75 | 32.10 | 0.35 | 0.35 | 100 | do | Pyrr = 7-8%, cpy = 3-4%, Py = 2-3% | 4600 | 75 | <25 | 75 | 50 | <5 | 0.95 |

| Sample | Sample length (m) | | | Rec. | Rec. | DESCRIPTION | | Chemical analysis(ppm) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| No. | From | To | Diff. | len.(m) | % | | | Cu | Pb | Zn | Ni | Co | Ag | Au |
| 32 | 32.10 | 32.40 | 0.30 | 0.30 | 100 | do | Pyrr = 4-5%, Py = 20-25%, cpy = 10-12% | 3800 | 75 | <25 | 250 | 100 | <5 | 0.45 |
| 33 | 32.40 | 32.70 | 0.30 | 0.30 | 100 | do | Py = 20-25%, cpy = 10-12% Pyrr rare | 300 | 75 | <25 | 150 | 50 | <5 | 0.32 |
| 34 | 32.70 | 32.95 | 0.25 | 0.25 | 100 | do | Py = 20-25%, cpy = 20-25%, Pyrr = 3-5% | 600 | 75 | <25 | 400 | 150 | <5 | 2.23 |
| 35 | 32.95 | 33.20 | 0.25 | 0.25 | 100 | do | Pyrr = 10-12%, Py = 10-12%, cpy rare | 25 | 75 | <25 | 175 | 75 | <5 | 1.15 |
| 36 | 33.20 | 33.45 | 0.25 | 0.25 | 100 | do | Pyrr = 8-10%, Py = 8-10%, cpy = 4-5% | 700 | 75 | <25 | 350 | 150 | <5 | 2.85 |
| 37 | 33.45 | 33.70 | 0.25 | 0.25 | 100 | do | Pyrr = 4-5% Py = 4-5%, cpy = 4-5% | 800 | 75 | <25 | 200 | 75 | <5 | 0.73 |
| 38 | 33.70 | 33.95 | 0.25 | 0.25 | 100 | do | Pyrr = 4-5%, cpy = 1-2%, Py = 1-2% | 700 | 50 | <25 | 75 | 25 | <5 | 4.76 |
| 39 | 33.95 | 34.20 | 0.25 | 0.25 | 100 | do | Pyrr = 1-2%, Py = 2-3%, cpy = 1-2% | 600 | 50 | <25 | 100 | 25 | <5 | 1.16 |
| 40 | 34.20 | 34.50 | 0.30 | 0.26 | 86.67 | do | Pyrr = 2-3%, py ≃ 1%, cpy ≃ 1% | 800 | 50 | <25 | 125 | 50 | <5 | 1.06 |
| 41 | 34.50 | 34.80 | 0.30 | 0.26 | 86.67 | do | Pyrr = 2-3%, Py & cpy rare | 250 | 50 | <25 | 100 | 25 | <5 | 0.40 |
| 42 | 34.80 | 35.05 | 0.25 | 0.22 | 88 | do | Pyrr ≃ 1%, Py ≃ 1%, cpyr ≃ 1% | 300 | 50 | <25 | 50 | 25 | <5 | 0.37 |
| 43 | 35.05 | 35.30 | 0.25 | 0.22 | 88 | do | Pyrr ≃ 1% cpy rare | 1600 | 75 | <25 | 250 | 100 | <5 | 2.40 |
| 44 | 35.30 | 35.60 | 0.30 | 0.30 | 100 | do | Pyrr ≃ 1%, cpy <1%, Py ≃ 1% | 400 | 50 | <25 | 175 | 75 | <5 | 1.00 |
| 45 | 35.60 | 35.90 | 0.30 | 0.30 | 100 | do | Py = 1-2%, Pyrr & cpy rare | 250 | 50 | <25 | 75 | 25 | <5 | 0.72 |
| 46 | 35.90 | 36.20 | 0.30 | 0.30 | 100 | do | Rare specks of sulphides | 300 | 50 | <25 | 75 | 25 | <5 | 1.17 |
| 47 | 36.20 | 36.50 | 0.30 | 0.30 | 100 | do | Py = 1-2%, cpy ≃ 1% | 400 | 50 | <25 | 75 | 25 | <5 | 0.79 |
| 48 | 36.50 | 36.80 | 0.30 | 0.30 | 100 | do | do | 3700 | 75 | 25 | 175 | 75 | <5 | 1.56 |
| 49 | 36.80 | 37.10 | 0.30 | 0.30 | 100 | do | cpy = 3-4%, Py ≃ 2% | 300 | 75 | <25 | 175 | 75 | <5 | 0.28 |
| 50 | 37.10 | 37.40 | 0.30 | 0.30 | 100 | do | cpy ≃ 3%, Py ≃ 1%, Pyrr ≃ 1% | 4100 | 75 | <25 | 250 | 100 | <5 | 0.72 |
| 51 | 37.40 | 37.70 | 0.30 | 0.30 | 100 | do | Rare specks of Pyrr & cpy | 1700 | 75 | <25 | 250 | 100 | <5 | 0.27 |
| 52 | 37.70 | 38.00 | 0.30 | 0.30 | 100 | do | do | 175 | 50 | <25 | 100 | <25 | <5 | 1.20 |
| 53 | 38.00 | 38.25 | 0.25 | 0.25 | 100 | Amphibolite | Pyrr = 3-5%, cpy ≃ 1% | 400 | <50 | <25 | 100 | <25 | <5 | 0.10 |
| 54 | 38.25 | 38.50 | 0.25 | 0.25 | 100 | do | do | 300 | 50 | <25 | 75 | <25 | <5 | 0.20 |
| 55 | 38.50 | 38.80 | 0.30 | 0.30 | 100 | do | do | 200 | 50 | <25 | 754 | <25 | <5 | 0.40 |
| 56 | 38.80 | 39.10 | 0.30 | 0.30 | 100 | do | Pyrr = 5-8% cpy rare | 700 | 50 | <25 | 100 | 50 | <5 | 0.80 |
| 57 | 39.10 | 39.40 | 0.30 | 0.30 | 100 | do | do | 800 | <50 | 50 | 100 | 25 | <5 | 2.40 |
| 58 | 39.40 | 39.70 | 0.30 | 0.30 | 100 | do | Pyrr = 3-5% cpy rare | 900 | <50 | 75 | 75 | 25 | <5 | 0.20 |
| 59 | 39.70 | 40.00 | 0.30 | 0.30 | 100 | do | do | 300 | 50 | 300 | 50 | 25 | <5 | 0.40 |
| 60 | 40.00 | 40.30 | 0.30 | 0.30 | 100 | do | do | 250 | <50 | 50 | 75 | 75 | <5 | 0.20 |
| 61 | 40.30 | 40.55 | 0.25 | 0.25 | 100 | Amphibolite with rare specks of sulphides | | 400 | <50 | <25 | 100 | 25 | <5 | 0.60 |
| 62 | 40.55 | 40.80 | 0.25 | 0.25 | 100 | do | do | 400 | <50 | <25 | 125 | 50 | <5 | 0.20 |
| 63 | 84.05 | 84.40 | 0.35 | 0.35 | 100 | Dark grey amphibole marble | do | 250 | <50 | <25 | 125 | 25 | <5 | <0.1 |
| 64 | 84.40 | 84.70 | 0.30 | 0.29 | 96.67 | do | Pyrr = 3-4%, cpy ≃ 1% | 1200 | <50 | <25 | 200 | 50 | <5 | 1.60 |
| 65 | 84.70 | 85.00 | 0.30 | 0.29 | 96.67 | Dark grey amphibole marble | do | 175 | <50 | <25 | 100 | 25 | <5 | 0.20 |
| 66 | 85.00 | 85.25 | 0.25 | 0.25 | 100 | do | do | 1000 | <50 | <25 | 100 | 50 | <5 | <0.10 |
| 67 | 85.25 | 85.50 | 0.25 | 0.24 | 96 | do | Pyrr = 3-4%, cpy = 1-2% | 1300 | <50 | <25 | 50 | <25 | <5 | 0.10 |

| Sample | Sample length (m) | | | Rec. | Rec. | DESCRIPTION | | Chemical analysis(ppm) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| No. | From | To | Diff. | len.(m) | % | | | Cu | Pb | Zn | Ni | Co | Ag | Au |
| 68 | 85.50 | 85.80 | 0.30 | 0.30 | 100 | Amphibolite | Pyrr = 3-5%, cpy rare | 1200 | <50 | <25 | 100 | 50 | <5 | 1.40 |
| 69 | 85.80 | 86.10 | 0.30 | 0.30 | 100 | do | Pyrr = 1-2%, cpy <1% | 1500 | 50 | <25 | 75 | 50 | <5 | 1.20 |
| 70 | 86.10 | 86.40 | 0.30 | 0.30 | 100 | do | do | 275 | <50 | <25 | 125 | 25 | <5 | <0.1 |
| 71 | 86.40 | 86.70 | 0.30 | 0.30 | 100 | do | do | 300 | <50 | <25 | 175 | 25 | <5 | <0.1 |
| 72 | 86.70 | 87.00 | 0.30 | 0.30 | 100 | do | do | 350 | <50 | <25 | 75 | <25 | <5 | <0.1 |
| 73 | 87.00 | 87.25 | 0.25 | 0.25 | 100 | do | do | 100 | <50 | <25 | 150 | 150 | <5 | 0.10 |
| 74 | 87.25 | 87.55 | 0.30 | 0.28 | 93.33 | do | Pyrr = 3-5%, cpy = 1-2% | 1700 | <50 | 25 | 150 | 75 | <5 | <0.1 |
| 75 | 87.55 | 87.85 | 0.30 | 0.28 | 93.33 | do | do | 600 | <50 | <25 | 125 | 50 | <5 | 0.10 |
| 76 | 87.85 | 88.15 | 0.30 | 0.28 | 93.33 | do | Pyrr = 8-10%, cpy = 2-3% | 2400 | <50 | 25 | 350 | 175 | <5 | 0.10 |
| 77 | 88.15 | 88.45 | 0.30 | 0.28 | 93.33 | do | Pyrr = 15-20%, cpy = 1-2% | 2400 | 50 | <25 | 225 | 100 | <5 | 0.20 |
| 78 | 88.45 | 88.75 | 0.30 | 0.28 | 93.33 | do | do | 800 | 75 | <25 | 350 | 150 | <5 | 1.00 |
| 79 | 88.75 | 89.05 | 0.30 | 0.28 | 93.33 | do | Pyrr = 8-10%, cpy = 1-2% | 600 | <50 | <25 | 75 | 50 | <5 | 0.20 |
| 80 | 89.05 | 89.40 | 0.35 | 0.31 | 88.57 | do | do | 1200 | <50 | <25 | 150 | 75 | <5 | 0.80 |
| 81 | 89.40 | 89.75 | 0.35 | 0.31 | 88.57 | do | Pyrr = 3-5%, cpy rare | 400 | <50 | <25 | 250 | 175 | <5 | 0.80 |
| 82 | 89.75 | 90.05 | 0.30 | 0.30 | 100 | Keratophyre | Pyrr = 3-5%, cpy rare | 75 | <50 | <25 | 300 | 450 | <5 | 0.10 |
| 83 | 90.05 | 90.35 | 0.30 | 0.50 | 166.7 | do | Sulphides rare | 75 | <50 | <25 | 50 | 50 | <5 | 0.10 |
| 84 | 90.35 | 90.70 | 0.35 | 0.35 | 100 | do | pyrr = 15-20%, cpy = 1-2% | 2200 | 50 | <25 | 200 | 200 | <5 | <0.1 |
| 85 | 90.70 | 91.00 | 0.30 | 0.25 | 83.33 | do | Rare specks of sulphides | 125 | <50 | <25 | 100 | 400 | <5 | <0.1 |
| 86 | 91.00 | 91.25 | 0.25 | 0.22 | 88 | do | do | 150 | <50 | <25 | 50 | 125 | <5 | 0.10 |
| 87 | 112.10 | 112.40 | 0.30 | 0.30 | 100 | Mica schist | do | 75 | <50 | 25 | 50 | 25 | <5 | 1.00 |
| 88 | 112.40 | 112.70 | 0.30 | 0.30 | 100 | Keratophyre | do | 700 | 50 | <25 | 75 | 50 | <5 | 0.40 |
| 89 | 112.70 | 113.00 | 0.30 | 0.30 | 100 | do | do | 300 | 50 | <25 | 25 | 50 | <5 | 0.40 |
| 90 | 113.00 | 113.30 | 0.30 | 0.30 | 100 | do | do | 400 | <50 | <25 | 25 | 50 | <5 | <0.1 |
| 91 | 113.30 | 113.60 | 0.30 | 0.30 | 100 | do | Pyrr = 5-8% cpy rare | 500 | <50 | <25 | 75 | 50 | <5 | 0.80 |
| 92 | 113.60 | 113.80 | 0.20 | 0.20 | 100 | do | Pyrr = 5-8% cpy rare | 1000 | <50 | <25 | 50 | 25 | <5 | 0.20 |
| 93 | 113.80 | 114.05 | 0.25 | 0.25 | 100 | do | Pyrr = 5-8% cpy rare | 500 | 50 | <25 | 50 | 50 | <5 | 4.00 |
| 94 | 114.05 | 114.35 | 0.30 | 0.30 | 100 | Carbonated amphibolite | Pyrr = 3-5%, As = 1-2%, cpy rare | 600 | 50 | <25 | 150 | 300 | <5 | 2.00 |
| 95 | 114.35 | 114.70 | 0.35 | 0.35 | 100 | do | Pyrr = 5-8%, Asp = 2-3%, cpy rare | 400 | 50 | <25 | 100 | 100 | <5 | 0.60 |
| 96 | 114.70 | 115.05 | 0.35 | 0.35 | 100 | do | Pyrr = 8-10%, Asp = 1-2%, cpy rare | 300 | 50 | <25 | 75 | 50 | <5 | 1.40 |
| 97 | 115.05 | 115.35 | 0.30 | 0.30 | 100 | do | Pyrr = 8-10%, Asp = 1-2%, cpy rare | 1400 | 50 | <25 | 100 | 75 | <5 | <0.1 |
| 98 | 115.35 | 115.65 | 0.30 | 0.30 | 100 | do | do | 900 | 50 | <25 | 100 | 100 | <5 | 1.60 |
| 99 | 115.65 | 115.95 | 0.30 | 0.30 | 100 | do | do | 300 | 50 | <25 | 50 | 75 | <5 | 0.20 |
| 100 | 115.95 | 116.30 | 0.35 | 0.34 | 97.14 | do | do | 500 | 50 | <25 | 75 | 50 | <5 | 2.00 |
| 101 | 116.30 | 116.65 | 0.35 | 0.33 | 94.29 | do | Pyrr = 8-10%, Asp = 3-5%, cpy ~ 1% | 1100 | 50 | <25 | 125 | 150 | <5 | 0.20 |
| 102 | 116.65 | 117.00 | 0.35 | 0.33 | 94.29 | do | Pyrr = 8-10%, Asp ~ 1%, cpy rare | 300 | 50 | <25 | 50 | 25 | <5 | 0.20 |
| 103 | 117.00 | 117.30 | 0.30 | 0.29 | 96.67 | Amphibole marble | Asp & cpy very rare | 225 | 50 | <25 | 50 | 25 | <5 | 0.20 |

| Sample | Sample length (m) | | | Rec. | Rec. | DESCRIPTION | | Chemical analysis(ppm) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| No. | From | To | Diff. | len.(m) | % | | | Cu | Pb | Zn | Ni | Co | Ag | Au |
| 104 | 117.30 | 117.60 | 0.30 | 0.29 | 96.67 | do | Pyrr = 8-10%, Asp ~ 1%, cpy ~ 1% | 1300 | 50 | <25 | 175 | 75 | <5 | 2.40 |
| 105 | 117.60 | 117.90 | 0.30 | 0.29 | 96.67 | do | Pyrr = 15-20%, Asp 1-2%, cpy rare | 1500 | 50 | <25 | 150 | 125 | <5 | 0.80 |
| 106 | 117.90 | 118.20 | 0.30 | 0.29 | 96.67 | do | Pyrr = 10-12%, Asp ~ 1% cpy rare | 400 | 50 | <25 | 75 | 75 | <5 | 0.40 |
| 107 | 118.20 | 118.50 | 0.30 | 0.29 | 96.67 | do | Pyrr = 3-5% Asp rare | 125 | 50 | <25 | 50 | 100 | <5 | 0.10 |
| 108 | 118.50 | 118.80 | 0.30 | 0.29 | 96.67 | do | do | 200 | 50 | <25 | 50 | 25 | <5 | 0.20 |
| 109 | 118.80 | 119.10 | 0.30 | 0.29 | 96.67 | do | Pyrr = 10-12%, cpy rare | 350 | 50 | <25 | 50 | 520 | <5 | 0.10 |
| 110 | 119.10 | 119.40 | 0.30 | 0.30 | 100 | do | Pyrr = 5-8%, Asp ~ 1% | 300 | 50 | <25 | 50 | 100 | <5 | 0.40 |
| 111 | 119.40 | 119.70 | 0.30 | 0.30 | 100 | do | do | 1500 | 75 | <25 | 50 | 75 | <5 | 1.00 |
| 112 | 119.70 | 119.95 | 0.25 | 0.25 | 100 | do | Pyrr = 8-10%, Asp = 1-2%, cpy rare | 2900 | 50 | <25 | 125 | 120 | <5 | 2.00 |
| 113 | 119.95 | 120.20 | 0.25 | 0.25 | 100 | do | Pyrr = 8-10%, Asp = 3-4%, cpy rare | 350 | <50 | <25 | 75 | 225 | <5 | <0.1 |
| 114 | 120.20 | 120.45 | 0.25 | 0.25 | 100 | do | Pyrr = 3-5%, Asp rare | 400 | 50 | <25 | 50 | 50 | <5 | 3.00 |
| 115 | 120.45 | 120.70 | 0.25 | 0.25 | 100 | do | Pyrr = 8-10%, Asp rare | 500 | 50 | <25 | 50 | 50 | <5 | 1.20 |
| 116 | 120.70 | 121.00 | 0.30 | 0.29 | 96.67 | do | do | 300 | 50 | <25 | 50 | 50 | <5 | 1.40 |
| 117 | 121.00 | 121.30 | 0.30 | 0.29 | 96.67 | do | Pyrr = 3-5%, Asp rare | 500 | 50 | <25 | 50 | 50 | <5 | 0.10 |
| 118 | 121.30 | 121.60 | 0.30 | 0.29 | 96.67 | do | do | 100 | <50 | <25 | 25 | 25 | <5 | 0.20 |
| 119 | 121.60 | 121.90 | 0.30 | 0.30 | 100 | Keratophyre | do | 200 | 50 | <25 | 50 | 50 | <5 | 0.20 |
| 120 | 121.90 | 122.20 | 0.30 | 0.30 | 100 | do | do | 175 | <50 | <25 | 50 | 75 | <5 | 1.00 |
| 121 | 122.20 | 122.50 | 0.30 | 0.30 | 100 | do | Pyrr = 5-8%, cpy rare | 200 | 50 | <25 | 75 | 100 | <5 | <0.1 |
| 122 | 122.50 | 122.80 | 0.30 | 0.30 | 100 | Keratophyre | Pyrr = 2-3%, Asp ~ 1% | 50 | <50 | <25 | 50 | 200 | <5 | 0.10 |
| 123 | 122.80 | 123.05 | 0.25 | 0.25 | 100 | do | Rare specks of sulphides | 50 | 50 | <25 | 50 | 50 | <5 | 1.80 |
| 124 | 123.05 | 123.30 | 0.25 | 0.25 | 100 | do | Pyrr = 2-3%, Asp ~ 1% | 100 | 50 | <25 | 50 | <25 | <5 | 1.80 |
| 125 | 123.30 | 123.60 | 0.30 | 0.29 | 96.67 | Felsic volcanic rock with amph. carbo. veins | Pyrr = 5-8% cpy rare | 200 | 50 | <25 | 100 | 25 | <5 | 2.00 |
| 126 | 123.60 | 123.90 | 0.30 | 0.29 | 96.67 | do | Pyrr = 5-8%, Asp & cpy rare specks | 200 | 50 | <25 | 75 | 25 | <5 | 0.80 |
| 127 | 123.90 | 124.25 | 0.35 | 0.33 | 94.29 | do | Pyrr = 5-8%, Asp ~ 1% | 400 | 50 | <25 | 125 | 50 | <5 | 0.20 |
| 128 | 124.25 | 124.60 | 0.35 | 0.33 | 94.29 | do | Pyrr = 3-5%, Asp rare | 125 | 50 | <25 | 50 | <25 | <5 | 0.20 |
| 129 | 124.60 | 124.90 | 0.30 | 0.30 | 100 | Coarse, carbonated, banded, greenish amphibolite rock | Pyrr=1-2% | 25 | <50 | <25 | 25 | 25 | <5 | 0.20 |
| 130 | 124.90 | 125.20 | 0.30 | 0.30 | 100 | do | Pyrr = 3-5%, Asp ~1% | 175 | 50 | <25 | 100 | 75 | <5 | 0.10 |
| 131 | 125.20 | 125.50 | 0.30 | 0.30 | 100 | do | Pyrr = 5-8%, Asp very rare. | 250 | 50 | <25 | 50 | 25 | <5 | 0.10 |
| 132 | 125.50 | 125.80 | 0.30 | 0.30 | 100 | do | Pyrr = 8-10%, Asp <1% | 225 | 50 | <25 | 50 | 25 | <5 | 0.10 |
| 133 | 125.80 | 126.05 | 0.25 | 0.25 | 100 | do | Pyrr = 8-10%, Asp = 1-2% | 175 | 50 | <25 | 50 | 25 | <5 | 0.10 |
| 134 | 126.05 | 126.30 | 0.25 | 0.25 | 100 | do | do | 275 | 50 | <25 | 50 | 50 | <5 | 0.20 |
| 135 | 126.30 | 126.65 | 0.35 | 0.35 | 100 | do | Pyrr = 8-10%, Asp = 2-3% | 125 | 50 | <25 | 50 | 75 | <5 | 0.10 |
| 136 | 126.65 | 126.95 | 0.30 | 0.28 | 93.33 | do | Pyrr = 2-3%, Asp = 8-10%. | 250 | 50 | <25 | 50 | 50 | <5 | 0.40 |
| 137 | 126.95 | 127.25 | 0.30 | 0.28 | 93.33 | do | Pyrr = 2-3%, Asp rare | 100 | 50 | <25 | 25 | <25 | <5 | 0.10 |
| 138 | 127.25 | 127.55 | 0.30 | 0.28 | 93.33 | do | Pyrr = 3-5%, Asp rare | 150 | <50 | <25 | 50 | <25 | <5 | 0.20 |
| 139 | 127.55 | 127.85 | 0.30 | 0.28 | 93.33 | do | Pyrr = 3-5%, Asp rare | 25 | <50 | <25 | 50 | <25 | <5 | 0.10 |

| Sample | Sample length (m) | | | Rec. | Rec. | DESCRIPTION | | Chemical analysis(ppm) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| No. | From | To | Diff. | len.(m) | % | | | Cu | Pb | Zn | Ni | Co | Ag | Au |
| 140 | 127.85 | 128.15 | 0.30 | 0.28 | 93.33 | do | Pyrr = 3-5%, Asp ~ 1% | 275 | 50 | <25 | 50 | 25 | <5 | 0.20 |
| 141 | 128.15 | 128.45 | 0.30 | 0.29 | 96.67 | do | do | 125 | 50 | <25 | 50 | <25 | <5 | 2.00 |
| 142 | 128.45 | 128.75 | 0.30 | 0.29 | 96.67 | do | Pyrr = 3-5%, Asp rare | 75 | 50 | <25 | 25 | <25 | <5 | 0.40 |
| 143 | 128.75 | 129.05 | 0.30 | 0.29 | 96.67 | do | Pyrr = 5-8%, Asp <1% | 100 | 50 | <25 | 50 | 25 | <5 | 0.20 |
| 144 | 129.05 | 129.35 | 0.30 | 0.29 | 96.67 | do | do | 350 | 50 | <25 | 150 | 50 | <5 | 0.20 |
| 145 | 129.35 | 129.65 | 0.30 | 0.29 | 96.67 | Keratophyre with amph. carbo. veins Pyrr = 2-3% | | 100 | <50 | <25 | 50 | <25 | <5 | 0.20 |
| 146 | 129.65 | 129.95 | 0.30 | 0.30 | 100 | Keratophyre Pyrr = 3-5%, Asp ~ 1% | | 125 | <50 | <25 | 50 | <25 | <5 | 0.40 |
| 147 | 129.95 | 130.30 | 0.35 | 0.35 | 100 | do | Pyrr = 3-5%, Asp rare | 200 | <50 | <25 | 75 | 25 | <5 | 0.20 |
| 148 | 130.30 | 130.65 | 0.35 | 0.35 | 100 | Keratophyre with amph. carbo. veins Pyrr = 3-5%, Asp rare | | 275 | <50 | <25 | 125 | 25 | <5 | 0.20 |
| 149 | 130.65 | 131.00 | 0.35 | 0.35 | 100 | do | Pyrr = 3-5%, Asp & cpy rare | 450 | 50 | <25 | 75 | 50 | <5 | 0.20 |
| 150 | 131.00 | 131.35 | 0.35 | 0.35 | 100 | do | Pyrr = 5-8%, Asp ~ 1%, cpy rare | 250 | 50 | <25 | 50 | 25 | <5 | 0.40 |
| 151 | 131.35 | 131.65 | 0.30 | 0.30 | 100 | do | Pyrr = 8-10%, Asp = 2-3%, cpy rare. | 225 | 50 | <25 | 50 | 25 | <5 | 2.00 |
| 152 | 131.65 | 131.95 | 0.30 | 0.30 | 100 | Keratophyre with amph. carbo veins Pyrr = 8-10%, Asp = | | 250 | 75 | <25 | 75 | 50 | <5 | 0.20 |
| | | | | | | | 2-3%, cpy rare | | | | | | | |
| 153 | 131.95 | 132.25 | 0.30 | 0.30 | 100 | do | Pyrr = 5-8%, Asp = 3-4%, cpy rare | 375 | 50 | <25 | 100 | 50 | <5 | 0.40 |
| 154 | 132.25 | 132.55 | 0.30 | 0.30 | 100 | do | Pyrr = 5-8%, Asp = 5-8%, cpy rare | 1300 | 75 | <25 | 100 | 75 | <5 | 0.20 |
| 155 | 132.55 | 132.85 | 0.30 | 0.30 | 100 | do | Pyrr = 3-4%, Asp & cpy rare | 175 | <50 | <25 | 50 | 25 | <5 | 0.10 |
| 156 | 132.85 | 133.20 | 0.35 | 0.33 | 94.29 | Coarse carbonated amphibolite Pyrr = 15-20%, Asp ~ 1% | | 800 | 50 | <25 | 125 | 75 | <5 | 0.20 |
| | | | | | | | cpy rare | | | | | | | |
| 157 | 133.20 | 133.55 | 0.35 | 0.33 | 94.29 | do | Pyrr = 8-10%, Asp = 3-4%, cpy rare | 100 | <50 | <25 | 50 | 25 | <5 | 0.10 |
| 158 | 133.55 | 133.90 | 0.35 | 0.32 | 91.43 | do | Pyrr = 2-3%, Asp ~ 1% | 50 | <50 | <25 | 50 | <25 | <5 | 0.20 |
| 159 | 133.90 | 134.25 | 0.35 | 0.32 | 91.43 | do | do | 50 | <50 | <25 | 50 | <25 | <5 | 0.20 |
| 160 | 134.25 | 134.60 | 0.35 | 0.32 | 91.43 | Keratophyre with amph. carbo. veins Pyrr = 2-3% Asp rare | | 600 | 50 | <25 | 200 | 75 | <5 | 2.00 |
| 161 | 134.60 | 134.95 | 0.35 | 0.33 | 94.29 | do | do | 100 | <50 | <25 | 50 | 25 | <5 | 1.80 |
| 162 | 134.95 | 135.25 | 0.30 | 0.30 | 100 | do | Rare specks of sulphides | 50 | <50 | <25 | 75 | 25 | <5 | 1.80 |
| 163 | 135.25 | 135.55 | 0.30 | 0.30 | 100 | do | do | <25 | <50 | <25 | 75 | <25 | <5 | 2.00 |
| 164 | 135.55 | 135.85 | 0.30 | 0.30 | 100 | do | do | 100 | <50 | <25 | 75 | <25 | <5 | 0.20 |
| 165 | 135.85 | 136.15 | 0.30 | 0.30 | 100 | do | do | 50 | <50 | <25 | 25 | <25 | <5 | 1.00 |
| 166 | 136.15 | 136.45 | 0.30 | 0.30 | 100 | do | Pyrr = 10-12%, Asp & cpy rare | 700 | 50 | <25 | 100 | 25 | <5 | 0.60 |
| 167 | 136.45 | 136.75 | 0.30 | 0.30 | 100 | do | Pyrr = 10-12%, Asp = 1-2%, cpy = 1%. | 400 | 50 | <25 | 50 | 25 | <5 | 0.10 |
| 168 | 136.75 | 137.05 | 0.30 | 0.30 | 100 | Dark grey, carbonated amphibolite Pyrr = 10-12%, Asp ~ 1% , cpy rare | | 300 | 50 | <25 | 50 | 25 | <5 | 2.60 |
| 169 | 137.05 | 137.35 | 0.30 | 0.30 | 100 | do | Pyrr = 5-8%, Asp = 3-5%, cpy rare | 350 | 50 | <25 | 100 | 75 | <5 | 1.20 |
| 170 | 137.35 | 137.65 | 0.30 | 0.30 | 100 | do | do | 350 | 50 | <25 | 50 | 25 | <5 | 0.40 |
| 171 | 137.65 | 137.95 | 0.30 | 0.30 | 100 | Keratophyre with amph. carbo. veins Pyrr = 3-5% Asp rare | | 500 | 50 | <25 | 50 | <25 | <5 | 0.40 |
| 172 | 137.95 | 138.30 | 0.35 | 0.35 | 100 | do | Pyrr = 5-%, Asp rare | 1500 | 50 | <25 | 50 | 50 | <5 | 0.20 |
| 173 | 138.30 | 138.65 | 0.35 | 0.35 | 100 | do | Pyrr = 8-10%, Asp = 1-2% | 175 | 50 | <25 | 50 | 25 | <5 | 1.40 |

| Sample | Sample length (m) | | | Rec. | Rec. | DESCRIPTION | | Chemical analysis(ppm) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| No. | From | To | Diff. | len.(m) | % | | | Cu | Pb | Zn | Ni | Co | Ag | Au |
| 174 | 138.65 | 139.00 | 0.35 | 0.35 | 100 | do | Pyrr = 5-8%, Asp = 2-3%. | 174 | <50 | <25 | 50 | <25 | <5 | 1.80 |
| 175 | 139.00 | 139.35 | 0.35 | 0.35 | 100 | do | do | 175 | 50 | <25 | 50 | 25 | <5 | 2.20 |
| 176 | 139.35 | 139.65 | 0.30 | 0.30 | 100 | Dark grey, coarse carbonated amphibolite Pyrr = 8-10%, Asp 2-3% | | 175 | 50 | <25 | 50 | 25 | <5 | 1.40 |
| 177 | 139.65 | 139.95 | 0.30 | 0.30 | 100 | do | do | 200 | 50 | <25 | 50 | 25 | <5 | 0.20 |
| 178 | 139.95 | 140.25 | 0.30 | 0.30 | 100 | do | do | 500 | 50 | <25 | 50 | 50 | <5 | 0.80 |
| 179 | 140.25 | 140.55 | 0.30 | 0.30 | 100 | do | do | 600 | 50 | <25 | 75 | 25 | <5 | 3.60 |
| 180 | 140.55 | 140.85 | 0.30 | 0.30 | 100 | do | do | 1000 | 50 | <25 | 75 | 25 | <5 | 0.40 |
| 181 | 140.85 | 141.15 | 0.30 | 0.30 | 100 | do | do | 1000 | 50 | <25 | 75 | 25 | <5 | 0.10 |
| 182 | 141.15 | 141.45 | 0.30 | 0.30 | 100 | do | Pyrr = 5-8%, Asp & cpy rare | 300 | 50 | <25 | 75 | 25 | <5 | 0.20 |
| 183 | 141.45 | 141.75 | 0.30 | 0.30 | 100 | do | do | 800 | 50 | <25 | 50 | 25 | <5 | 0.20 |
| 184 | 141.75 | 142.05 | 0.30 | 0.30 | 100 | do | do | 800 | 50 | <25 | 75 | 25 | <5 | 0.10 |
| 185 | 142.05 | 142.35 | 0.30 | 0.30 | 100 | do | Pyrr = 8-10%, Asp = 2-3% | 350 | 50 | <25 | 50 | 50 | <5 | 0.40 |
| 186 | 142.35 | 142.65 | 0.30 | 0.30 | 100 | Keratophyre Pyrr = 3-5% Asp rare | | 125 | <50 | <25 | 50 | <25 | <5 | 4.00 |
| 187 | 142.65 | 142.95 | 0.30 | 0.30 | 100 | do | Pyrr = 5-8%, Asp rare | 275 | <50 | <25 | 75 | <25 | <5 | 6.00 |
| 188 | 142.95 | 143.25 | 0.30 | 0.30 | 100 | do | do | 400 | <50 | <25 | 50 | <25 | <5 | 5.40 |
| 189 | 143.25 | 143.55 | 0.30 | 0.30 | 100 | do | do | 225 | 50 | <25 | 50 | <25 | <5 | 0.10 |
| 190 | 143.55 | 143.85 | 0.30 | 0.30 | 100 | do | Pyrr = 5-8%, Asp = 2-2% | 400 | 50 | <25 | 100 | 75 | <5 | 0.20 |
| 191 | 143.85 | 144.15 | 0.30 | 0.30 | 100 | do | Pyrr = 3-5%, Asp rare | 700 | 50 | <25 | 125 | 25 | <5 | 0.40 |
| 192 | 144.15 | 144.45 | 0.30 | 0.30 | 100 | do | Pyrr = 5-8%, Asp = 3-4%, cpy rare | 250 | 50 | <25 | 75 | 100 | <5 | 0.60 |
| 193 | 144.45 | 144.75 | 0.30 | 0.30 | 100 | do | Pyrr = 2-3%, Asp = 8-10%. | 400 | 50 | <25 | 400 | 500 | <5 | 0.80 |
| 194 | 144.75 | 145.05 | 0.30 | 0.30 | 100 | do | Pyrr = 8-10%, Asp = 2-3%, cpy rare. | 600 | 75 | <25 | 200 | 100 | <5 | 0.20 |
| 195 | 145.05 | 145.35 | 0.30 | 0.30 | 100 | do | Pyrr = 8-10%, Asp rare | 400 | 50 | <25 | 50 | 25 | <5 | 0.10 |
| 196 | 145.35 | 145.65 | 0.30 | 0.30 | 100 | do | Pyrr = 8-10%, Asp & cpy rare | 400 | 50 | <25 | 50 | 25 | <5 | 0.40 |
| 197 | 145.65 | 145.95 | 0.30 | 0.30 | 100 | do | do | 350 | 50 | <25 | 50 | 25 | <5 | 2.40 |
| 198 | 145.95 | 146.25 | 0.30 | 0.30 | 100 | do | Pyrr = 8-10%, Asp = 3-5%, cpy rare | 400 | 50 | <25 | 75 | 175 | <5 | 1.20 |
| 199 | 146.25 | 146.55 | 0.30 | 0.30 | 100 | do | do | 800 | 50 | <25 | 100 | 125 | <5 | 0.80 |
| 200 | 146.55 | 146.90 | 0.35 | 0.35 | 100 | do | Pyrr = 3-5%, Asp = 2-3%, cpy rare | 500 | 50 | <25 | 75 | 75 | <5 | 1.00 |
| 201 | 146.90 | 147.25 | 0.35 | 0.35 | 100 | do | Pyrr = 8-10%, Asp 2-3% cpy rare. | 400 | 50 | <25 | 100 | 75 | <5 | 0.20 |
| 202 | 147.25 | 147.60 | 0.35 | 0.35 | 100 | Quartz vein | Pyrr = 8-10%, Asp 2-3% cpy rare. | 75 | <50 | <25 | 50 | 25 | <5 | 3.80 |
| 203 | 147.60 | 147.95 | 0.35 | 0.35 | 100 | Keratophyre with amph. carbo. veins Pyrr = 3-5% Asp = 3-5%, Cpy rare | | 1300 | 50 | <25 | 175 | 200 | <5 | 0.40 |
| 204 | 147.95 | 148.30 | 0.35 | 0.35 | 100 | do | Pyrr = 8-10%, Asp & cpy rare | 2800 | <50 | <25 | 75 | 25 | <5 | 1.80 |
| 205 | 148.30 | 148.65 | 0.35 | 0.35 | 100 | do | Pyrr = 8-10%, cpy ~ 1%, Asp rare | 1400 | 50 | <25 | 75 | 50 | <5 | 3.60 |
| 206 | 148.65 | 149.00 | 0.35 | 0.35 | 100 | do | Pyrr = 8-10%, Asp = 3-5%, cpy ~1% | 1000 | <50 | <25 | 100 | 200 | <5 | 3.20 |
| 207 | 149.00 | 149.35 | 0.35 | 0.35 | 100 | do | Pyrr = 3-5%, Asp = 8-10%, cpy ~1% | 900 | 50 | <25 | 125 | 225 | <5 | 4.20 |
| 208 | 149.35 | 149.65 | 0.30 | 0.30 | 100 | do | Pyrr = 8-10%, Asp = 5-8%, cpy ~1% | 900 | 50 | <25 | 125 | 200 | <5 | 2.00 |
| 209 | 149.65 | 149.95 | 0.30 | 0.30 | 100 | do | Pyrr = 8-10%, Asp = 2-3%, cpy rare | 1700 | <50 | <25 | 75 | 100 | <5 | 1.20 |

| Sample | Sample length (m) | | | Rec. | Rec. | DESCRIPTION | | Chemical analysis(ppm) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| No. | From | To | Diff. | len.(m) | % | | | Cu | Pb | Zn | Ni | Co | Ag | Au |
| 210 | 149.95 | 150.25 | 0.30 | 0.30 | 100 | do | Pyrr = 5-8%, Asp = 3-4%, cpy ~1% | 700 | <50 | <25 | 50 | 50 | <5 | 0.60 |
| 211 | 150.25 | 150.55 | 0.30 | 0.30 | 100 | do | Pyrr = 5-8%, Asp = 5-8%, cpy rare | 400 | 50 | <25 | 50 | 50 | <5 | 0.40 |
| 212 | 150.55 | 150.85 | 0.30 | 0.30 | 100 | do | Pyrr = 3-5%, Asp = 1-2%, cpy rare | 250 | <50 | <25 | 50 | 50 | <5 | 0.50 |
| 213 | 150.85 | 151.15 | 0.30 | 0.30 | 100 | do | Pyrr = 3-4%, Asp rare | 50 | <50 | <25 | 25 | <25 | <5 | 0.20 |
| 214 | 151.15 | 151.45 | 0.30 | 0.30 | 100 | do | do | 400 | 50 | <25 | 25 | <25 | <5 | 0.20 |
| 215 | 151.45 | 151.75 | 0.30 | 0.30 | 100 | do | Pyrr = 2-3%, Asp = 2-3% | 100 | <50 | <25 | 25 | <25 | <5 | 0.30 |
| 216 | 151.75 | 152.05 | 0.30 | 0.30 | 100 | do | do | 175 | <50 | <25 | 25 | <25 | <5 | 0.20 |
| 217 | 152.05 | 152.40 | 0.35 | 0.35 | 100 | do | Rare specks of sulphides | 75 | <50 | <25 | 25 | <25 | <5 | 0.30 |
| 218 | 152.40 | 152.75 | 0.35 | 0.35 | 100 | do | do | 100 | <50 | <25 | 50 | <25 | <5 | 0.10 |
| 219 | 156.45 | 156.70 | 0.25 | 0.25 | 100 | do | Pyrr = 1-2%, cpy rare | 400 | <50 | <25 | 25 | <25 | <5 | 0.10 |
| 220 | 156.70 | 156.95 | 0.25 | 0.25 | 100 | do | do | 250 | <50 | <25 | 25 | <25 | <5 | <0.1 |
| 221 | 156.95 | 157.25 | 0.30 | 0.30 | 100 | do | do | 200 | <50 | <25 | 25 | <25 | <5 | <0.1 |
| 222 | 157.25 | 157.55 | 0.30 | 0.29 | 96.67 | do | Pyrr = 2-3%, Asp & cpy rare specks | 500 | <50 | <25 | 50 | 50 | <5 | <0.1 |
| 223 | 157.55 | 157.85 | 0.30 | 0.29 | 96.67 | do | Pyrr = 3-5%, Asp ~ 1%, cpy rare | 900 | <50 | <25 | 75 | 125 | <5 | 0.10 |
| 224 | 157.85 | 158.15 | 0.30 | 0.29 | 96.67 | do | Pyrr = 2-3%, Asp rare | 300 | <50 | <25 | 25 | <25 | <5 | 0.10 |
| 225 | 158.15 | 158.45 | 0.30 | 0.29 | 96.67 | do | do | 125 | <50 | <25 | 25 | <25 | <5 | <0.1 |
| 226 | 158.45 | 158.75 | 0.30 | 0.29 | 96.67 | do | do | 200 | <50 | <25 | 50 | <25 | <5 | <0.1 |
| 227 | 158.75 | 159.05 | 0.30 | 0.29 | 96.67 | do | do | 150 | <50 | <25 | 25 | <25 | <5 | <0.1 |
| 228 | 159.05 | 159.35 | 0.30 | 0.29 | 96.67 | do | do | 100 | <50 | <25 | 50 | <25 | <5 | 0.10 |
| 229 | 159.35 | 159.65 | 0.30 | 0.29 | 96.67 | do | Pyrr = 3-5%, cpy rare | 400 | <50 | <25 | 50 | <25 | <5 | 0.10 |
| 230 | 159.65 | 159.95 | 0.30 | 0.28 | 93.33 | do | Rare specks of sulphides | 50 | <50 | <25 | 50 | <25 | <5 | <0.1 |
| 231 | 159.95 | 160.25 | 0.30 | 0.28 | 93.33 | do | do | 75 | <50 | <25 | 50 | <25 | <5 | <0.1 |
| 232 | 160.25 | 160.60 | 0.35 | 0.35 | 100 | do | Pyrr = 1-2% | 100 | <50 | <25 | 25 | <25 | <5 | <0.1 |
| 233 | 160.60 | 160.95 | 0.35 | 0.35 | 100 | do | Pyrr = 3-4%, Asp ~ 1% | 50 | <50 | <25 | 50 | <25 | <5 | <0.1 |
| 234 | 160.95 | 161.25 | 0.30 | 0.30 | 100 | do | Pyrr = 2-3%, Asp & cpy rare | 250 | <50 | <25 | 25 | <25 | <5 | 0.30 |
| 235 | 161.25 | 161.55 | 0.30 | 0.30 | 100 | do | Pyrr = 2-3%, Asp = 1-2% | 250 | <50 | <25 | 25 | <25 | <5 | <0.1 |
| 236 | 161.55 | 161.85 | 0.30 | 0.30 | 100 | do | Pyrr = 3-5%, Asp = 3-4%, cpy ~ 1% | 500 | <50 | <25 | 75 | 25 | <5 | 5.40 |
| 237 | 161.85 | 162.15 | 0.30 | 0.30 | 100 | do | do | 700 | <50 | <25 | 200 | 250 | <5 | <0.1 |
| 238 | 162.15 | 162.45 | 0.30 | 0.30 | 100 | do | Pyrr = 5-8%, Asp rare cpy = 2-3% | 2600 | <50 | <25 | 125 | 25 | <5 | 0.40 |
| 239 | 162.45 | 162.75 | 0.30 | 0.30 | 100 | do | Pyrr = 5-8%, Asp = 1-2%, cpy = 2-3% | 1800 | <50 | <25 | 125 | 125 | <5 | 0.10 |
| 240 | 162.75 | 163.05 | 0.30 | 0.30 | 100 | do | Pyrr = 2-3%, Asp & cpy rare specks | 225 | <50 | <25 | 25 | <25 | <5 | <0.1 |
| 241 | 163.05 | 163.35 | 0.30 | 0.30 | 100 | do | Rare specks of sulphides | 500 | <50 | <25 | 25 | 25 | <5 | <0.1 |
| 242 | 163.35 | 163.65 | 0.30 | 0.30 | 100 | do | Pyrr = 1-2%, Asp = 3-5% | 200 | <50 | <25 | 50 | 75 | <5 | 5.60 |
| 243 | 163.65 | 163.95 | 0.30 | 0.30 | 100 | do | Pyrr = 3-5%, Asp = 2-3%, cpy rare | 500 | <50 | <25 | 100 | 150 | <5 | 0.10 |
| 244 | 163.95 | 164.25 | 0.30 | 0.30 | 100 | do | do | 1300 | <50 | <25 | 125 | 75 | <5 | 0.80 |
| 245 | 164.25 | 164.55 | 0.30 | 0.30 | 100 | do | Pyrr = 3-5%, Asp rare | 700 | <50 | <25 | 50 | 25 | <5 | 0.10 |

| Sample | Sample length (m) | | | Rec. | Rec. | DESCRIPTION | | Chemical analysis(ppm) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| No. | From | To | Diff. | len.(m) | % | | | Cu | Pb | Zn | Ni | Co | Ag | Au |
| 246 | 164.55 | 164.85 | 0.30 | 0.30 | 100 | do | Pyrr = 5-8%, Asp = 1-2%, cpy rare | 3200 | <50 | <25 | 75 | 25 | <5 | 0.20 |
| 247 | 164.85 | 165.15 | 0.30 | 0.30 | 100 | do | do | 1000 | <50 | <25 | 250 | 300 | <5 | 1.80 |
| 248 | 165.15 | 165.45 | 0.30 | 0.30 | 100 | do | Pyrr = 3-5%, Asp = 5-8%, cpy rare | 125 | <50 | <25 | 75 | 25 | <5 | 4.00 |
| 249 | 165.45 | 165.75 | 0.30 | 0.30 | 100 | do | Pyrr = 1-2%, Asp rare | 125 | <50 | <25 | 50 | <25 | <5 | 0.20 |
| 250 | 165.75 | 166.05 | 0.30 | 0.30 | 100 | do | do | 125 | <50 | <25 | 50 | <25 | <5 | 0.40 |
| 251 | 166.05 | 166.35 | 0.30 | 0.30 | 100 | do | Pyrr = 3-5%, Asp = 1-2% | 1100 | <50 | <25 | 125 | 125 | <5 | 0.80 |
| 252 | 166.35 | 166.65 | 0.30 | 0.30 | 100 | do | do | 275 | <50 | <25 | 150 | 50 | <5 | 0.20 |
| 253 | 166.65 | 166.95 | 0.30 | 0.30 | 100 | do | do | 150 | <50 | <25 | 25 | 50 | <5 | 0.20 |
| 254 | 166.95 | 167.25 | 0.30 | 0.30 | 100 | do | Pyrr = 1-2%, Asp ~ 1% cpy rare | 300 | <50 | <25 | 50 | 25 | <5 | 0.10 |
| 255 | 167.25 | 167.55 | 0.30 | 0.30 | 100 | do | Pyrr = 2-3%, Asp = 5-8%, cpy rare | 1000 | <50 | <25 | 125 | 250 | <5 | 2.00 |
| 256 | 167.55 | 167.80 | 0.25 | 0.25 | 100 | do | Pyrr = 1-2%, Asp & cpy rare | 600 | <50 | <25 | 50 | 25 | <5 | 2.00 |
| 257 | 167.80 | 168.05 | 0.25 | 0.25 | 100 | do | Pyrr = 3-4%, Asp & cpy rare | 900 | <50 | <25 | 75 | 100 | <5 | 2.80 |
| 258 | 168.05 | 168.30 | 0.25 | 0.25 | 100 | do | Rare specks of sulphides | 400 | <50 | <25 | 75 | 50 | <5 | <0.1 |
| 259 | 168.30 | 168.60 | 0.30 | 0.30 | 100 | do | do | 250 | <50 | <25 | 50 | <25 | <5 | 0.40 |
| 260 | 168.60 | 168.95 | 0.35 | 0.35 | 100 | do | do | 400 | <50 | <25 | 50 | <25 | <5 | 2.00 |
| 261 | 168.95 | 169.30 | 0.35 | 0.35 | 100 | do | do | 150 | <50 | <25 | 75 | 25 | <5 | <0.1 |
| 262 | 169.30 | 169.65 | 0.35 | 0.35 | 100 | do | do | 300 | <50 | <25 | 50 | <25 | <5 | <0.1 |
| 263 | 177.75 | 178.05 | 0.30 | 0.30 | 100 | Carbonated Keratophyre | do | 25 | <50 | <25 | 50 | <25 | <5 | 0.20 |
| 264 | 178.05 | 178.40 | 0.35 | 0.35 | 100 | do | do | 50 | <50 | <25 | 50 | <25 | <5 | 0.20 |
| 265 | 178.40 | 178.75 | 0.35 | 0.35 | 100 | do | do | 125 | <50 | <25 | 50 | <25 | <5 | 0.20 |
| 266 | 178.75 | 179.05 | 0.30 | 0.28 | 93.33 | do | do | 100 | <50 | <25 | 50 | <25 | <5 | 0.20 |
| 267 | 179.05 | 179.35 | 0.30 | 0.28 | 93.33 | do | Pyrr = 5-8%, cpy = 2-3% | 300 | <50 | <25 | 75 | 25 | <5 | 0.60 |
| 268 | 179.35 | 179.65 | 0.30 | 0.28 | 93.33 | do | Pyrr = 2-3%, cpy rare | 1100 | <50 | <25 | 50 | <25 | <5 | 0.60 |
| 269 | 179.65 | 179.95 | 0.30 | 0.28 | 93.33 | do | Pyrr = 3-5%, Asp ~ 1%, cpy rare | 2700 | <50 | <25 | 100 | 150 | <5 | 0.40 |
| 270 | 179.95 | 180.25 | 0.30 | 0.28 | 93.33 | do | Pyrr = 5-8%, Asp = 2-3%,cpy ~ 1% | 400 | <50 | <25 | 50 | 50 | <5 | <0.1 |
| 271 | 180.25 | 180.50 | 0.25 | 0.25 | 100 | do | Pyrr = 3-5%, cpy ~ 1%, | 400 | <50 | <25 | 50 | <25 | <5 | 1.00 |
| 272 | 180.50 | 180.75 | 0.25 | 0.25 | 100 | do | Pyrr = 3-5%, cpy ~ 1%, Asp <1% | 800 | <50 | <25 | 25 | <25 | <5 | <0.1 |
| 273 | 180.75 | 181.05 | 0.30 | 0.30 | 100 | Carbonated Keratophyre with rare speck of sulphide | | 500 | <50 | <25 | 25 | 25 | <5 | <0.1 |
| 274 | 181.05 | 181.35 | 0.30 | 0.30 | 100 | do | do | 500 | <50 | <25 | 50 | <25 | <5 | 0.20 |
| 275 | 181.35 | 181.65 | 0.30 | 0.30 | 100 | do | do | 300 | <50 | <25 | 75 | <25 | <5 | 0.20 |
| 276 | 188.05 | 188.40 | 0.35 | 0.35 | 100 | Keratophyre with amph. carbo. veins | do | 50 | <50 | <25 | 50 | <25 | <5 | 0.20 |
| 277 | 188.40 | 188.75 | 0.35 | 0.35 | 100 | do | do | 100 | <50 | <25 | 50 | <25 | <5 | 0.10 |
| 278 | 188.75 | 189.10 | 0.35 | 0.35 | 100 | do | do | 400 | <50 | <25 | 50 | <25 | <5 | 0.20 |
| 279 | 189.10 | 189.45 | 0.35 | 0.35 | 100 | do | Pyrr = 3-4%, cpy ~ 1% | 1125 | <50 | <25 | <25 | <25 | <5 | 0.40 |
| 280 | 189.45 | 189.75 | 0.30 | 0.30 | 100 | do | do | 125 | <50 | <25 | <25 | <25 | <5 | 0.10 |
| 281 | 189.75 | 190.05 | 0.30 | 0.30 | 100 | do | Pyrr = 3-4%, Asp ~ 1% | 250 | <50 | <25 | 50 | 25 | <5 | 0.40 |

| Sample | Sample length (m) | | | Rec. | Rec. | DESCRIPTION | | Chemical analysis(ppm) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| No. | From | To | Diff. | len.(m) | % | | | Cu | Pb | Zn | Ni | Co | Ag | Au |
| 282 | 190.05 | 190.35 | 0.30 | 0.30 | 100 | do | Pyrr = 3-4%, Asp rare | 100 | <50 | <25 | 50 | <25 | <5 | <0.1 |
| 283 | 190.35 | 190.65 | 0.30 | 0.30 | 100 | do | Pyrr = 3-4%, Asp ~ 1% | 400 | <50 | <25 | 50 | 25 | <5 | <0.1 |
| 284 | 190.65 | 190.95 | 0.30 | 0.30 | 100 | do | Rare specks of sulphides | 100 | <50 | <25 | 25 | <25 | <5 | <0.1 |
| 285 | 190.95 | 191.25 | 0.30 | 0.30 | 100 | do | do | 100 | <50 | <25 | 25 | <25 | <5 | 0.10 |
| 286 | 191.25 | 191.55 | 0.30 | 0.30 | 100 | do | Pyrr = 2-3%, Asp rare | 500 | <50 | <25 | 25 | <25 | <5 | <0.1 |
| 287 | 191.55 | 191.85 | 0.30 | 0.30 | 100 | do | Pyrr = 3-4%, Asp ~ 1% | 700 | <50 | <25 | 50 | 25 | <5 | <0.1 |
| 288 | 191.85 | 192.15 | 0.30 | 0.30 | 100 | do | do | 300 | <50 | <25 | 50 | 50 | <5 | 0.20 |
| 289 | 192.15 | 192.45 | 0.30 | 0.30 | 100 | do | do | 250 | <50 | <25 | 50 | <25 | <5 | 0.40 |
| 290 | 192.45 | 192.75 | 0.30 | 0.30 | 100 | do | Pyrr = 3-5%, Asp = 3-5%, cpy ~1 | 1400 | <50 | <25 | 225 | 500 | <5 | 0.10 |
| 291 | 192.75 | 193.05 | 0.30 | 0.30 | 100 | do | Pyrr = 3-5%, Asp = 1-2%, cpy rare | 600 | <50 | 100 | 125 | 75 | <5 | 0.10 |
| 292 | 193.05 | 193.35 | 0.30 | 0.30 | 100 | do | Pyrr = 1-2%, Asp & cpy rare | 400 | <50 | <25 | 50 | 25 | <5 | 0.10 |
| 293 | 193.35 | 193.65 | 0.30 | 0.30 | 100 | do | Pyrr = 5-8%, Asp = 1-2%, cpy rare | 600 | <50 | <25 | 125 | 50 | <5 | 0.10 |
| 294 | 193.65 | 193.95 | 0.30 | 0.29 | 96.67 | do | Pyrr = 5-8%, Asp = 1-2%, cpy ~1% | 900 | <50 | <25 | 75 | 100 | <5 | 0.20 |
| 295 | 193.95 | 194.25 | 0.30 | 0.29 | 96.67 | do | Rare specks of sulphides | 200 | <50 | <25 | 75 | 25 | <5 | 0.10 |
| 296 | 194.25 | 194.55 | 0.30 | 0.29 | 96.67 | do | Pyrr = 3-5%, Asp rare | 500 | <50 | <25 | 75 | 50 | <5 | 0.20 |
| 297 | 194.55 | 194.85 | 0.30 | 0.29 | 96.67 | do | Pyrr = 5-8%, Asp rare | 600 | <50 | <25 | 100 | 50 | <5 | 0.10 |
| 298 | 194.85 | 195.20 | 0.35 | 0.34 | 97.14 | do | Pyrr = 3-5%, Asp rare | 800 | <50 | <25 | 75 | 25 | <5 | 0.10 |
| 299 | 195.20 | 195.55 | 0.35 | 0.35 | 100 | do | do | 175 | <50 | <25 | 50 | 25 | <5 | <0.1 |
| 300 | 195.55 | 195.90 | 0.35 | 0.35 | 100 | do | Pyrr = 3-5%, Asp ~ 1% | 200 | <50 | <25 | 75 | <25 | <5 | <0.1 |
| 301 | 195.90 | 196.20 | 0.35 | 0.35 | 100 | do | Pyrr = 1-2% cpy rare | 125 | <50 | <25 | 75 | 25 | <5 | <0.1 |
| 302 | 196.25 | 196.55 | 0.30 | 0.30 | 100 | Keratophyre with amph. carbo. veins sulphides rare specks | | 175 | <50 | <25 | 75 | <25 | <5 | <0.1 |
| 303 | 196.55 | 196.85 | 0.30 | 0.30 | 100 | do | do | 100 | <50 | <25 | 75 | <25 | <5 | <0.1 |
| 304 | 196.85 | 197.15 | 0.30 | 0.30 | 100 | do | do | 75 | <50 | <25 | 75 | 25 | <5 | <0.1 |
| 305 | 197.15 | 197.45 | 0.30 | 0.30 | 100 | do | do | 50 | <50 | <25 | 100 | <25 | <5 | 0.10 |
| 306 | 206.95 | 207.15 | 0.20 | 0.20 | 100 | do | Rare specks of Pyrr & cpy | 100 | <50 | <25 | 75 | <25 | <5 | 0.10 |
| 307 | 207.15 | 207.35 | 0.20 | 0.18 | 90 | do | do | 175 | <50 | <25 | 50 | <25 | <5 | 0.20 |
| 308 | 207.35 | 207.65 | 0.30 | 0.30 | 100 | do | Pyrr = 5-8%, cpy ~ 1% Asp rare specks | 500 | <50 | <25 | 75 | 50 | <5 | 0.20 |
| 309 | 207.65 | 207.95 | 0.30 | 0.30 | 100 | do | do | 500 | <50 | <25 | 125 | 150 | <5 | <0.1 |
| 310 | 207.95 | 208.25 | 0.30 | 0.30 | 100 | do | Pyrr = 10-12%, Asp = 2-3%, cpy ~ 1% | 1800 | <50 | <25 | 50 | 75 | <5 | <0.1 |
| 311 | 208.25 | 208.55 | 0.30 | 0.30 | 100 | do | Pyrr = 5-8%, Asp = 2-3%, cpy rare specks | 500 | <50 | <25 | 75 | 25 | <5 | <0.1 |
| 312 | 208.55 | 208.85 | 0.30 | 0.30 | 100 | do | Pyrr = 5-8%, Asp & cpy rare | 600 | <50 | <25 | 75 | 100 | <5 | <0.1 |
| 313 | 208.85 | 209.15 | 0.30 | 0.30 | 100 | do | Pyrr = 5-8%, Asp = 2-3% cpy rare | 250 | <50 | <25 | 50 | 175 | <5 | <0.1 |
| 314 | 209.15 | 209.45 | 0.30 | 0.30 | 100 | do | Pyrr = 3-5%, Asp = 1-2%, cpy < 1% | 1000 | <50 | <25 | 50 | 50 | <5 | <0.1 |
| 315 | 209.45 | 209.75 | 0.30 | 0.30 | 100 | do | Pyrr 2-3%, cpy ~ 1% Asp rare specks | 300 | <50 | <25 | 50 | <25 | <5 | 0.10 |
| 316 | 209.75 | 210.05 | 0.30 | 0.30 | 100 | do | Pyrr = 3-5%, Asp & cpy rare | 100 | <50 | <25 | 50 | <25 | <5 | <0.1 |
| 317 | 210.05 | 210.35 | 0.30 | 0.30 | 100 | do | do | 175 | <50 | <25 | 75 | <25 | <5 | 0.20 |

| Sample | Sample length (m) | | | Rec. | Rec. | DESCRIPTION | | Chemical analysis(ppm) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| No. | From | To | Diff. | len.(m) | % | | | Cu | Pb | Zn | Ni | Co | Ag | Au |
| 318 | 210.35 | 210.70 | 0.35 | 0.35 | 100 | do | do | 500 | <50 | <25 | | 50 | <5 | <0.1 |
| 319 | 210.70 | 211.05 | 0.35 | 0.35 | 100 | do | do | 200 | <50 | <25 | 75 | 50 | <5 | <0.1 |
| 320 | 211.05 | 211.40 | 0.35 | 0.35 | 100 | do | do | 400 | 50 | <25 | 50 | <25 | <5 | <0.1 |
| 321 | 211.40 | 211.75 | 0.35 | 0.35 | 100 | do | do | 200 | 50 | <25 | 50 | 25 | <5 | <0.1 |
| 322 | 211.75 | 212.10 | 0.35 | 0.35 | 100 | do | do | 125 | <50 | <25 | 50 | <25 | <5 | 0.20 |
| 323 | 212.10 | 212.45 | 0.35 | 0.35 | 100 | do | do | 75 | <50 | <25 | 25 | <25 | <5 | <0.1 |
| 324 | 212.45 | 212.75 | 0.30 | 0.30 | 100 | do | Pyrr = 5-8%, Asp = 1-2%, cpy rare | 350 | <50 | <25 | 50 | 50 | <5 | <0.1 |
| 325 | 212.75 | 213.05 | 0.30 | 0.30 | 100 | Keratophyre Pyrr = 8-10%, Asp = 2-3%, Cpy <1% | | 75 | 50 | <25 | 75 | 75 | <5 | <0.1 |
| 326 | 213.05 | 213.40 | 0.35 | 0.35 | 100 | do | Pyrr = 25-30%, Asp = 2-3%, cpy rare | 1300 | 50 | <25 | 100 | 125 | <5 | <0.1 |
| 327 | 213.40 | 213.75 | 0.35 | 0.35 | 100 | do | Pyrr = 5-8%, Asp & cpy rare | 150 | <50 | <25 | 25 | <25 | <5 | <0.1 |
| 328 | 213.75 | 214.10 | 0.35 | 0.35 | 100 | do | Rare specks of sulphides | 100 | <50 | <25 | 25 | <25 | <5 | <0.1 |
| 329 | 214.10 | 214.45 | 0.35 | 0.35 | 100 | do | Pyrr = 5-8%, Asp & cpy very rare | 100 | <50 | <25 | 25 | <25 | <5 | <0.1 |
| 330 | 214.45 | 214.80 | 0.35 | 0.35 | 100 | do | Pyrr = 3-4%, cpy rare | 275 | <50 | <25 | 50 | <25 | <5 | <0.1 |
| 331 | 214.80 | 215.15 | 0.35 | 0.35 | 100 | do | do | 200 | <50 | <25 | 25 | <25 | <5 | <0.1 |
| 332 | 215.15 | 215.45 | 0.30 | 0.30 | 100 | Keratophyre | Pyrr = 5-8%, Cpy rare | 300 | <50 | <25 | 50 | <25 | <5 | <0.1 |
| 333 | 215.45 | 215.75 | 0.30 | 0.30 | 100 | do | do | 800 | <50 | <25 | 50 | <25 | <5 | <0.1 |
| 334 | 215.75 | 216.05 | 0.30 | 0.30 | 100 | do | do | 700 | <50 | <25 | 75 | 50 | <5 | <0.1 |
| 335 | 216.05 | 216.35 | 0.30 | 0.30 | 100 | do | Rare specks of sulphides | 400 | <50 | <25 | 75 | 50 | <5 | <0.1 |
| 336 | 216.35 | 216.65 | 0.30 | 0.30 | 100 | do | do | 75 | <50 | <25 | 50 | 25 | <5 | <0.1 |
| 337 | 216.65 | 216.95 | 0.30 | 0.30 | 100 | do | Pyrr = 3-4%, cpy rare | 25 | <50 | <25 | 50 | 25 | <5 | <0.1 |
| 338 | 216.95 | 217.25 | 0.30 | 0.30 | 100 | do | do | 50 | <50 | <25 | 50 | <25 | <5 | <0.1 |
| 339 | 217.25 | 217.55 | 0.30 | 0.30 | 100 | do | Pyrr = 8-10%, Asp $\simeq$ 1% cpy $\simeq$ 1% | 500 | <50 | <25 | 275 | 400 | <5 | <0.1 |
| 340 | 217.55 | 217.85 | 0.30 | 0.30 | 100 | do | Pyrr = 3-5%, Asp & cpy rare | 1600 | <50 | <25 | 75 | 25 | <5 | <0.1 |
| 341 | 217.85 | 218.15 | 0.30 | 0.30 | 100 | do | Pyrr = 8-10%, Asp = 1-2%, cpy rare | 1900 | <50 | <25 | 100 | 75 | <5 | <0.1 |
| 342 | 218.15 | 218.45 | 0.30 | 0.30 | 100 | do | do | 500 | <50 | <25 | 100 | 350 | <5 | 2.00 |
| 343 | 218.45 | 218.75 | 0.30 | 0.30 | 100 | do | Pyrr 15-20%, Asp = 3-5%, cpy rare | 225 | <50 | <25 | 50 | 754 | <5 | <0.1 |
| 344 | 218.75 | 219.05 | 0.30 | 0.30 | 100 | do | Pyrr = 8-10%, Asp = 1-2%, cpy rare | 300 | <50 | <25 | 125 | 500 | <5 | <0.1 |
| 345 | 219.05 | 219.35 | 0.30 | 0.30 | 100 | do | do | 225 | <50 | <25 | 50 | 25 | <5 | <0.1 |
| 346 | 219.35 | 219.65 | 0.30 | 0.30 | 100 | do | Pyrr = 8-10%, Asp & cpy rare | 300 | <50 | <25 | 50 | 50 | <5 | <0.1 |
| 347 | 219.65 | 219.95 | 0.30 | 0.30 | 100 | do | do | 600 | <50 | <25 | 125 | 100 | <5 | <0.1 |
| 348 | 219.95 | 220.25 | 0.30 | 0.30 | 100 | do | Pyrr = 8-10%, Asp 2-3%, cpy <1% | 700 | <50 | <25 | 75 | 75 | <5 | <0.1 |
| 349 | 220.25 | 220.55 | 0.30 | 0.30 | 100 | do | do | 400 | <50 | <25 | 75 | 75 | <5 | <0.1 |
| 350 | 220.55 | 220.85 | 0.30 | 0.30 | 100 | do | Pyrr = 8-10%, Asp & cpy rare | 250 | <50 | <25 | 50 | 25 | <5 | <0.1 |
| 351 | 220.85 | 221.15 | 0.30 | 0.30 | 100 | do | Pyrr = 10-12%, Asp = 1-2%, cpy rare | 500 | <50 | <25 | 50 | 50 | <5 | <0.1 |
| 352 | 221.15 | 221.45 | 0.30 | 0.30 | 100 | do | Pyrr = 10-12%, Asp & cpy rare | 300 | <50 | <25 | 50 | 25 | <5 | 2.00 |
| 353 | 221.45 | 221.75 | 0.30 | 0.30 | 100 | do | do | 200 | <50 | <25 | 25 | <25 | <5 | <0.1 |

| Sample | Sample length (m) | | | Rec. | Rec. | DESCRIPTION | | Chemical analysis(ppm) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| No. | From | To | Diff. | len.(m) | % | | | Cu | Pb | Zn | Ni | Co | Ag | Au |
| 354 | 221.75 | 222.05 | 0.30 | 0.30 | 100 | Keratophyre with amphibole-carbonate veins Pyrr = 2-3%, | | 75 | <50 | <25 | 50 | <25 | <5 | <0.1 |
| | | | | | | Asp & cpy rare specks | | | | | | | | |
| 355 | 222.05 | 222.35 | 0.30 | 0.30 | 100 | do | Pyrr = 5-8%, Asp very rare | 175 | <50 | <25 | 50 | <25 | <5 | <0.1 |
| 356 | 222.35 | 222.65 | 0.30 | 0.30 | 100 | do | Rare specks of Pyrr | 100 | <50 | <25 | 50 | <25 | <5 | <0.1 |
| 357 | 222.65 | 223.00 | 0.35 | 0.35 | 100 | do | Pyrr = 3-5%, Asp & cpy rare | 50 | <50 | <25 | 50 | <25 | <5 | <0.1 |
| 358 | 223.00 | 223.35 | 0.35 | 0.35 | 100 | do | Pyrr = 5-8% cpy rare | 75 | <50 | <25 | 50 | <25 | <5 | <0.1 |
| 359 | 223.35 | 223.70 | 0.35 | 0.35 | 100 | do | do | 75 | <50 | <25 | 25 | <25 | <5 | <0.1 |
| 360 | 223.70 | 224.05 | 0.35 | 0.35 | 100 | do | do | 300 | <50 | <25 | 50 | <25 | <5 | <0.1 |
| 361 | 224.05 | 224.35 | 0.30 | 0.30 | 100 | Keratophyre | Pyrr = 3-5%, Cpy rare | 175 | <50 | <25 | 50 | <25 | <5 | 0.10 |
| 362 | 224.35 | 224.65 | 0.30 | 0.30 | 100 | do | do | 125 | <50 | <25 | 50 | <25 | <5 | <0.1 |
| 363 | 224.65 | 224.95 | 0.30 | 0.30 | 100 | do | do | 200 | <50 | <25 | 25 | <25 | <5 | <0.1 |
| 364 | 224.95 | 225.25 | 0.30 | 0.30 | 100 | do | do | 125 | <50 | <25 | 25 | <25 | <5 | <0.1 |
| 365 | 225.25 | 225.55 | 0.30 | 0.30 | 100 | do | Pyrr = 8-10% cpy rare | 700 | <50 | <25 | 75 | 50 | <5 | 0.20 |
| 366 | 225.55 | 225.85 | 0.30 | 0.30 | 100 | do | Pyrr = 8-10%, Asp = 1-2%, cpy rare | 5200 | <50 | <25 | 50 | 50 | <5 | 0.10 |
| 367 | 225.85 | 226.15 | 0.30 | 0.30 | 100 | do | Pyrr = 8-10%, Asp = 2-3% cpy rare | 400 | <50 | <25 | 50 | 50 | <5 | 0.10 |
| 368 | 226.15 | 226.45 | 0.30 | 0.30 | 100 | do | Pyrr = 5-8%, Asp = 1-2% cpy rare | 450 | <50 | <25 | 50 | 25 | <5 | 0.20 |
| 369 | 226.45 | 226.75 | 0.30 | 0.30 | 100 | do | do | 700 | <50 | <25 | 50 | 25 | <5 | 0.10 |
| 370 | 226.75 | 227.05 | 0.30 | 0.30 | 100 | do | do | 400 | <50 | <25 | 50 | 50 | <5 | <0.1 |
| 371 | 227.05 | 227.35 | 0.30 | 0.30 | 100 | do | do | 700 | <50 | <25 | 25 | 25 | <5 | 0.20 |
| 372 | 227.35 | 227.65 | 0.30 | 0.30 | 100 | do | Pyrr = 3-5%, Asp 2-3%, cpy rare | 1000 | <50 | <25 | 50 | 75 | <5 | <0.1 |
| 373 | 227.65 | 227.95 | 0.30 | 0.30 | 100 | do | Pyrr = 8-10%, Asp = 1-2%, cpy rare | 500 | <50 | <25 | 75 | 75 | <5 | <0.1 |
| 374 | 227.95 | 228.25 | 0.30 | 0.30 | 100 | do | Pyrr = 15-20%, Asp = 1-2%, cpy <1% | 1200 | <50 | <25 | 100 | 50 | <5 | <0.1 |
| 375 | 228.25 | 228.55 | 0.30 | 0.30 | 100 | do | do | 700 | <50 | <25 | 75 | 50 | <5 | <0.1 |
| 376 | 228.55 | 228.85 | 0.30 | 0.30 | 100 | do | do | 700 | <50 | <25 | 754 | 100 | <5 | 0.10 |
| 377 | 228.85 | 229.15 | 0.30 | 0.30 | 100 | do | do | 900 | <50 | <25 | 100 | 100 | <5 | 0.10 |
| 378 | 229.15 | 229.50 | 0.35 | 0.35 | 100 | Keratophyre Pyrr = 8-10%, | Asp = 1-2% cpy rare | 1500 | <50 | <25 | 75 | 25 | <5 | 0.20 |
| 379 | 229.50 | 229.85 | 0.35 | 0.35 | 100 | do | Pyrr = 5-8%, Asp ~ 1% cpy rare | 400 | <50 | <25 | 25 | 25 | <5 | 0.20 |
| 380 | 229.85 | 230.15 | 0.30 | 0.30 | 100 | do | Pyrr = 3-5%, Asp ~ 1%, cpy rare | 225 | <50 | <25 | 25 | 25 | <5 | 0.10 |
| 381 | 230.15 | 230.45 | 0.30 | 0.30 | 100 | do | Pyrr = 3-4% Asp rare | 200 | <50 | <25 | 50 | <25 | <5 | 0.20 |
| 382 | 230.45 | 230.75 | 0.30 | 0.30 | 100 | do | Pyrr = 5-8% Asp rare | 200 | <50 | <25 | 50 | 25 | <5 | <0.1 |
| 383 | 230.75 | 231.05 | 0.30 | 0.30 | 100 | do | Pyrr = 3-5%, Asp rare | 125 | <50 | <25 | 50 | 50 | <5 | <0.1 |
| 384 | 231.05 | 231.35 | 0.30 | 0.30 | 100 | do | Pyrr = 3-4%, cpy ~ 1% | 25 | <50 | <25 | <25 | <25 | <5 | 0.20 |
| 385 | 231.35 | 231.65 | 0.30 | 0.30 | 100 | do | Rare specks of Pyrr & cpy | 150 | <50 | <25 | 50 | <25 | <5 | <0.1 |
| 386 | 231.65 | 232.00 | 0.35 | 0.35 | 100 | do | do | 150 | <50 | <25 | 25 | <25 | <5 | 0.20 |
| 387 | 232.00 | 232.35 | 0.35 | 0.35 | 100 | do | do | 50 | <50 | 200 | 25 | <25 | <5 | 0.20 |

Appendix-I

## DETAILS OF CORE SAMPLING AND ANALYTICAL RESULTS, BORE HOLE NO. BHU - 39,SOUTH CENTRAL BLOCK BHUKIA GOLD INVESTIGATION, BANSWARA DISTRICT RAJASTHAN.

| Sample | Sample length (m) | | | Rec. | Rec. | DESCRIPTION | | l analysis (ppm) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| No. | From | To | Diff. | len.(m) | % | | | Cu | Pb | Zn | Ni | Co | Ag | Au |
| BHU-39/1 | 61.60 | 61.85 | 0.25 | 0.25 | 100 | Keratophyre | Rare specks of sulphide | 75 | <50 | <25 | <25 | <25 | <5 | 0.20 |
| BHU-39/2 | 61.85 | 62.10 | 0.25 | 0.25 | 100 | -do- | -do- | 100 | <50 | <25 | 75 | <25 | <5 | 0.20 |
| BHU-39/3 | 62.10 | 62.35 | 0.25 | 0.25 | 100 | -do- | -do- | 300 | <50 | <25 | 50 | <25 | <5 | 0.10 |
| BHU-39/4 | 62.35 | 62.60 | 0.25 | 0.25 | 100 | -do- | Pyrr= 1-2%,Cpy= 1% | 200 | <50 | <25 | 75 | <25 | <5 | 0.20 |
| BHU-39/5 | 62.60 | 62.85 | 0.25 | 0.25 | 100 | -do- | Pyrr = 2-3%, Cpy = rare stringers. | 325 | <50 | <25 | 75 | <25 | <5 | 0.40 |
| BHU-39/6 | 62.85 | 63.15 | 0.30 | 0.30 | 100 | -do- | Pyrr = 4-5%, Cpy = 1-2% | 400 | <50 | <25 | 75 | <25 | <5 | 1.20 |
| BHU-39/7 | 63.15 | 63.45 | 0.30 | 0.29 | 97 | -do- | Pyrr = 4-5%, Cpy = 1 -2% | 450 | <50 | <25 | 50 | <25 | <5 | 0.40 |
| BHU-39/8 | 63.45 | 63.75 | 0.30 | 0.29 | 97 | -do- | Pyrr = 2-3%, Cpy = rare | 125 | <50 | <25 | 50 | <25 | <5 | 0.40 |
| BHU-39/9 | 63.75 | 64.00 | 0.25 | 0.24 | 96 | -do- | Pyrr = 2%, Cpy = rare | 125 | <50 | <25 | 50 | <25 | <5 | 0.20 |
| BHU-39/10 | 64.00 | 64.25 | 0.25 | 0.24 | 96 | -do- | Pyrr = 2-3%, Cpy = rare, Asp = 1% | 150 | <50 | <25 | 50 | <25 | <5 | 0.10 |
| BHU-39/11 | 64.25 | 64.50 | 0.25 | 0.24 | 96 | -do- | do | 175 | <50 | <25 | 25 | <25 | <5 | 0.20 |
| BHU-39/12 | 64.50 | 64.75 | 0.25 | 0.23 | 92 | -do- | Pyrr = 1 -2%, Cpy = 2-3%, Asp = 25-30% | 450 | <50 | <25 | 25 | 300 | <5 | 10.00 |
| BHU-39/13 | 64.75 | 65.00 | 0.25 | 0.23 | 92 | -do- | Pyrr 5-6%, Cpy = 3-4%, Asp = 5-6% | 8500 | <50 | <25 | 75 | 125 | <5 | 2.20 |
| BHU-39/14 | 65.00 | 65.30 | 0.30 | 0.28 | 93 | -do- | Pyrr 5-6%, Cpy = 5%, Asp = 1-2% | 1060 | <50 | 25 | 25 | 75 | <5 | 4.00 |
| BHU-39/15 | 65.30 | 65.60 | 0.30 | 0.28 | 93 | -do- | do | 800 | <50 | <25 | 25 | <25 | <5 | 2.00 |
| BHU-39/16 | 65.60 | 65.90 | 0.30 | 0.28 | 93 | -do- | Pyrr = 1 -2%, Cpy = 3-4% | 1000 | <50 | <25 | <25 | <25 | <5 | 1.40 |
| BHU-39/17 | 65.90 | 66.20 | 0.30 | 0.28 | 93 | -do- | do | 1100 | <50 | <25 | <25 | <25 | <5 | 0.60 |
| BHU-39/18 | 66.20 | 66.50 | 0.30 | 0.28 | 93 | -do- | Pyrr = 2-3%, Cpy = 1% | 1100 | <50 | 50 | <25 | <25 | <5 | 0.40 |
| BHU-39/19 | 66.50 | 66.80 | 0.30 | 0.28 | 93 | -do- | do | 900 | <50 | 75 | <25 | 25 | <5 | 0.40 |
| BHU-39/20 | 66.80 | 67.10 | 0.30 | 0.28 | 93 | -do- | Pyrr = 2-3%, Cpy = rare | 350 | <50 | <25 | 25 | 25 | <5 | 0.40 |
| BHU-39/21 | 67.10 | 67.40 | 0.30 | 0.28 | 93 | -do- | do | 500 | <50 | <25 | 50 | <25 | <5 | 0.20 |
| BHU-39/22 | 67.40 | 67.70 | 0.30 | 0.28 | 93 | -do- | do | 350 | <50 | <25 | 50 | 25 | <5 | 0.10 |

| Sample | Sample length (m) | | | Rec. | Rec. | DESCRIPTION | | l analysis (ppm) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| No. | From | To | Diff. | len.(m) | % | | | Cu | Pb | Zn | Ni | Co | Ag | Au |
| BHU-39/23 | 67.70 | 68.00 | 0.30 | 0.29 | 97 | do | Rare specks of sulphide | 1200 | <50 | <25 | 25 | 25 | <5 | 0.20 |
| BHU-39/24 | 68.00 | 68.30 | 0.30 | 0.29 | 97 | do | do | 175 | <50 | <25 | 75 | 25 | <5 | 0.10 |
| BHU-39/25 | 68.30 | 68.60 | 0.30 | 0.29 | 97 | do | Pyrr = 2-3%, Cpy = 1-2%, Asp = 1-2% | 300 | <50 | <25 | 50 | <25 | <5 | 0.20 |
| BHU-39/26 | 68.60 | 68.90 | 0.30 | 0.24 | 80 | do | Rare specks of Pyrr & Cpy, Asp = 2-3% | 250 | <50 | <25 | 50 | <25 | <5 | 0.10 |
| BHU-39/27 | 68.90 | 69.15 | 0.25 | 0.24 | 96 | do | do | 75 | <50 | <25 | 75 | 25 | <5 | 0.10 |
| BHU-39/28 | 69.15 | 69.40 | 0.25 | 0.24 | 96 | do | Rare specks of sulphide | 150 | <50 | <25 | 50 | 25 | <5 | 0.10 |
| BHU-39/29 | 69.40 | 69.65 | 0.25 | 0.24 | 96 | yre having rare specks of sulphide | | 900 | <50 | <25 | 75 | 25 | <5 | 0.40 |
| BHU-39/30 | 69.65 | 69.95 | 0.30 | 0.29 | 97 | do | Pyrr = 1%, Cpy = 1% | 150 | <50 | <25 | 50 | <25 | <5 | 0.60 |
| BHU-39/31 | 69.95 | 70.25 | 0.30 | 0.29 | 97 | do | pyrr = 3-4%, upy = rare stringers | 300 | <50 | <25 | 75 | 25 | 3 | 0.80 |
| BHU-39/32 | 70.25 | 70.50 | 0.25 | 0.24 | 96 | do | Pyrr = 2-3%, Rare specks of Cpy & Asp | 500 | <50 | <25 | <25 | <25 | <5 | 0.40 |
| BHU-39/33 | 70.50 | 70.75 | 0.25 | 0.24 | 96 | do | Rare specks of sulphides | 400 | <50 | <25 | 50 | 25 | <5 | 0.20 |
| BHU-39/34 | 70.75 | 71.00 | 0.25 | 0.24 | 96 | do | Pyrr = 3-4%, Cpy = 1%, Asp= 1% | 2100 | <50 | 25 | 50 | 25 | <5 | 0.80 |
| BHU-39/35 | 71.00 | 71.25 | 0.25 | 0.24 | 96 | do | do | 1100 | <50 | <25 | 50 | 25 | <5 | 1.00 |
| BHU-39/36 | 71.25 | 71.50 | 0.25 | 0.24 | 96 | do | Pyrr = 2-3%, Cpy = rare specks | 400 | <50 | <25 | 50 | 25 | <5 | 3.60 |
| BHU-39/37 | 71.50 | 71.75 | 0.25 | 0.24 | 96 | Keratophyre | Pyrr = 4-5%, Cpy = 1-2% | 3400 | <50 | <25 | 50 | 25 | <5 | 1.20 |
| BHU-39/38 | 71.75 | 72.00 | 0.25 | 0.24 | 96 | do | Pyrr = 10-12%, Cpy = 1%, | 3600 | <50 | <25 | 75 | 50 | <5 | 0.30 |
| BHU-39/39 | 72.00 | 72.30 | 0.30 | 0.30 | 100 | do | Pyrr = 3-4%, Cpy = 3-4% | 5900 | <50 | 25 | <25 | 25 | <5 | 1.00 |
| BHU-39/40 | 72.30 | 72.60 | 0.30 | 0.30 | 100 | do | Pyrr = 2-3%, Cpy = 2-3%, Asp = < 1 % | 2800 | <50 | <25 | <25 | 25 | <5 | 0.80 |
| BHU-39/41 | 72.60 | 72.90 | 0.30 | 0.30 | 100 | do | Pyrr = 3-4%, Cpy = 8-10%, Asp = rare spec | 2300 | <50 | 100 | 75 | 75 | 25 | 30.00 |
| BHU-39/42 | 72.90 | 73.20 | 0.30 | 0.30 | 100 | do | Pyrr = 3-4%, Cpy = 6-7%, Asp = 1 % | 4500 | <50 | 25 | 25 | 50 | <5 | 1.40 |
| BHU-39/43 | 73.20 | 73.55 | 0.35 | 0.35 | 100 | do | Pyrr = 5-8%, Cpy = 3-4% | 8700 | <50 | 50 | 150 | 150 | <5 | 2.60 |
| BHU-39/44 | 73.55 | 73.90 | 0.35 | 0.35 | 100 | do | Pyrr = 3-4%, Cpy = 3-4% | 7500 | <50 | 50 | <25 | 25 | <5 | 1.20 |
| BHU-39/45 | 73.90 | 74.25 | 0.35 | 0.35 | 100 | do | Pyrr = 15-20%, Cpy = 4-5% | 1320 | <50 | 50 | 200 | 100 | <5 | 16.00 |
| BHU-39/46 | 74.25 | 74.60 | 0.35 | 0.35 | 100 | do | do | 9300 | <50 | 50 | 125 | 50 | <5 | 4.00 |
| BHU-39/47 | 74.60 | 74.90 | 0.30 | 0.30 | 100 | do | Pyrr = 4-5%, Cpy = 1-2% | 2300 | <50 | 25 | 25 | 25 | <5 | 6.00 |

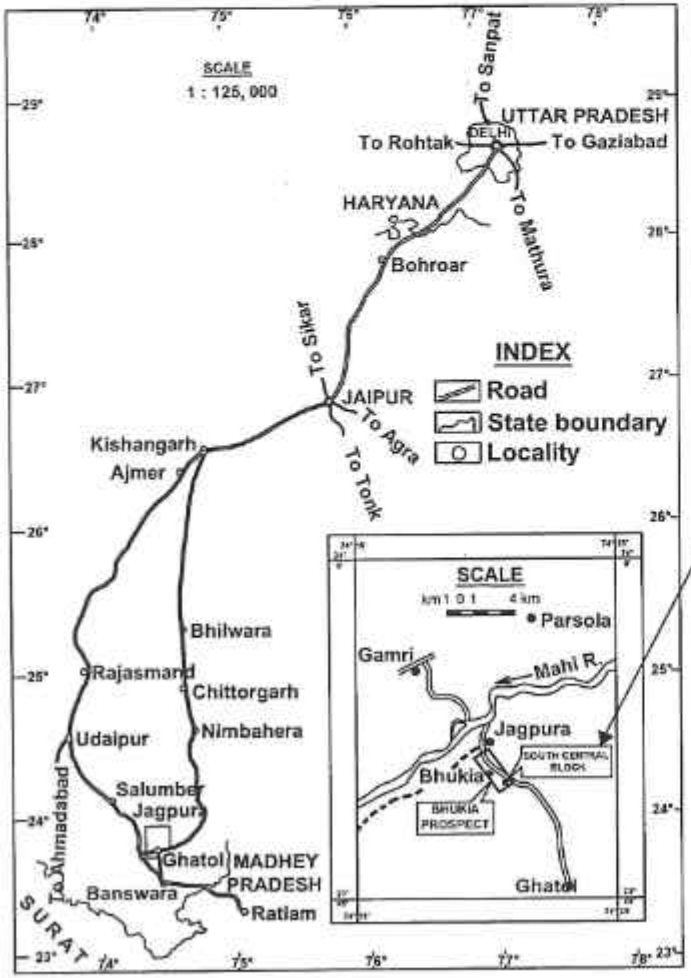
| Sample | Sample length (m) | | | Rec. | Rec. | DESCRIPTION | | l analysis (ppm) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| No. | From | To | Diff. | len.(m) | % | | | Cu | Pb | Zn | Ni | Co | Ag | Au |
| BHU-39/48 | 74.90 | 75.20 | 0.30 | 0.30 | 100 | do | Pyrr = 8-10%, Cpy = 2-3% | 3700 | <50 | 25 | 100 | 50 | <5 | 3.60 |
| BHU-39/49 | 75.20 | 75.50 | 0.30 | 0.30 | 100 | Pyrr = 2-3%, Cpy rare | | 500 | <50 | <25 | 50 | <25 | <5 | 0.60 |
| BHU-39/50 | 75.50 | 75.80 | 0.30 | 0.30 | 100 | do | do | 1100 | <50 | <25 | 25 | <25 | <5 | 0.80 |
| BHU-39/51 | 75.80 | 76.10 | 0.30 | 0.30 | 100 | do | do | 2300 | <50 | <25 | 50 | <25 | <5 | 1.20 |
| BHU-39/52 | 76.10 | 76.45 | 0.35 | 0.35 | 100 | do | Rare specks of sulphides | 12b | <bU | <Z$ | bU | <Zb | <5 | 0.60 |
| BHU-39/53 | 76.45 | 76.80 | 0.35 | 0.35 | 100 | do | Nil | 275 | <50 | <25 | 50 | 25 | <5 | 0.80 |
| BHU-39/54 | 76.80 | 77.10 | 0.30 | 0.30 | 100 | do | Pyrr = 2-3%, Cpy = rare specks | 350 | <50 | <25 | 50 | 25 | <5 | 0.20 |
| BHU-39/55 | 77.10 | 77.40 | 0.30 | 0.30 | 100 | do | Pyrr = 3-4%, Cpy = 1% | 400 | <50 | <25 | 50 | 25 | <5 | 0.10 |
| BHU-39/56 | 77.40 | 77.70 | 0.30 | 0.30 | 100 | do | do | 150 | <50 | <25 | 25 | <25 | <5 | 0.20 |
| BHU-39/57 | 77.70 | 78.00 | 0.30 | 0.30 | 100 | do | do | 50 | <50 | <25 | 50 | <25 | <5 | 0.10 |
| BHU-39/58 | 78.00 | 78.30 | 0.30 | 0.14 | 47 | do | do | 1400 | <50 | <25 | £0 | 25 | <5 | 0.60 |
| BHU-39/59 | 78.30 | 78.55 | 0.25 | 0.25 | 100 | do | Rare specks of Cpy and Pyrr | 750 | <50 | <25 | 50 | 50 | <5 | 0.20 |
| BHU-39/60 | 78.55 | 78.80 | 0.25 | 0.25 | 100 | do | do | 175 | <50 | <25 | 25 | 25 | <5 | 0.10 |
| BHU-39/61 | 78.80 | 79.10 | 0.30 | 0.30 | 100 | do | Pyrr = 2-3%, Cpy = 4-5%, Asp = rare | 1710 | <50 | <25 | IB | 50 | <5 | 1.40 |
| BHU-39/62 | 79.10 | 79.40 | 0.3 | 0.3 | 100 | do | Pyrr =1-2%, Cpy = 1-2% | 600 | <50 | <25 | 50 | 25 | <5 | 0.10 |
| BHU-39/63 | 79.40 | 79.75 | 0.35 | 0.33 | 94 | do | do | 250 | <50 | <25 | 50 | 25 | <5 | 0.10 |
| BHU-39/64 | 79.75 | 80.00 | 0.25 | 0.25 | 100 | do | Pyrr = 3-4%, Cpy = <1 % | 450 | <50 | <25 | 100 | 50 | <5 | 0.10 |
| BHU-39/65 | 80.00 | 80.25 | 0.25 | 0.25 | 100 | do | Pyrr = 4-5%, Cpy = 1-2% | 1900 | <50 | <25 | <25 | <25 | <5 | 0.40 |
| BHU-39/66 | 80.25 | 80.50 | 0.25 | 0.23 | 92 | do | Pyrr = rare, Cpy = 1 % | 1400 | <50 | <25 | <25 | <25 | <5 | 0.20 |
| BHU-39/67 | 80.50 | 80.75 | 0.25 | 0.23 | 92 | do | Rare specks os sulphides | 75 | <50 | <25 | 50 | 50 | <5 | 0.10 |
| BHU-39/68 | 80.75 | 81.05 | 0.3 | 0.27 | 90 | do | do | 50 | <50 | <25 | 50 | 25 | <5 | <0.1 |
| BHU-39/69 | 81.05 | 81.35 | 0.3 | 0.27 | 90 | do | do | 25 | <50 | <25 | 50 | <25 | <5 | <0.1 |
| BHU-39/70 | 96.75 | 97.05 | 0.3 | 0.28 | 93 | do | do | 100 | <50 | <25 | 5 | <25 | <5 | 0.10 |
| BHU-39/71 | 97.05 | 97.35 | 0.3 | 0.28 | 93 | do | do | 175 | <50 | <25 | 25 | <25 | <5 | 0.40 |
| BHU-39/72 | 97.35 | 97.70 | 0.35 | 0.32 | 91 | do | Pyrr = 3-4%, Cpy = rare specks | 500 | <50 | <25 | 75 | 25 | <5 | 0.20 - |

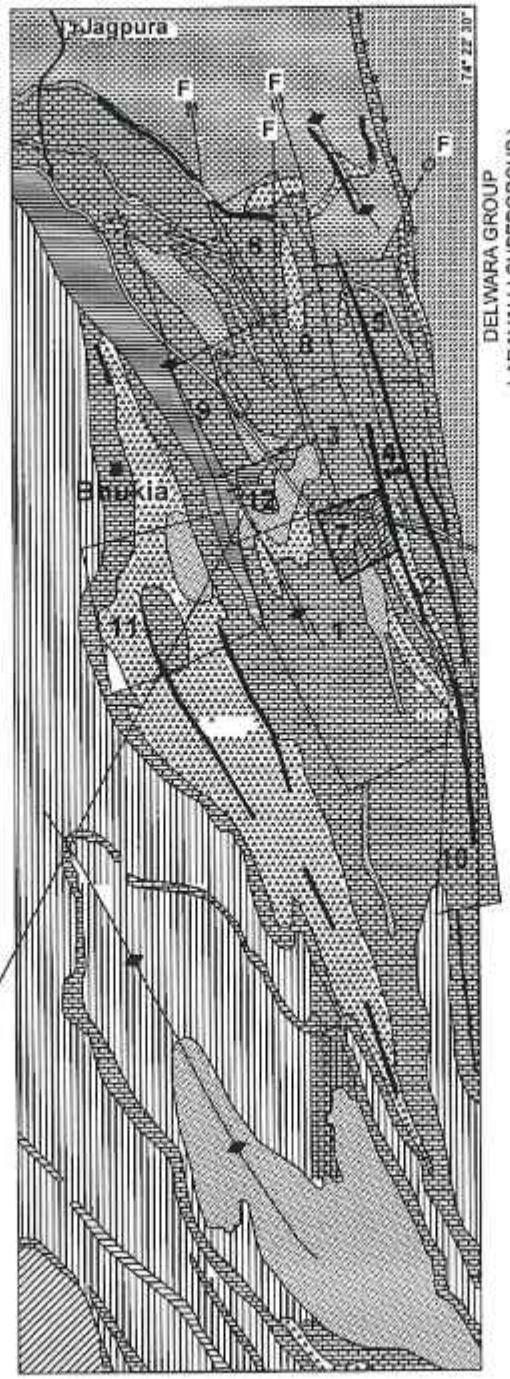
| Sample No. | Sample length (m) From | To | Diff. | Rec. len.(m) | Rec. % | DESCRIPTION | | Cu | Pb | Zn | Ni | Co | Ag | Au |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | l analysis (ppm) | | | | | | |
| BHU-39/73 | 97.70 | 98.05 | 0.35 | 0.32 | 91 | do | do | 400 | <50 | <25 | 50 | <25 | <5 | 0.60 |
| BHU-39/74 | 98.05 | 98.30 | 0.25 | 0.22 | 88 | do | Pyrr = 3-4%, Cpy = 1% | 500 | <50 | <25 | 75 | 25 | <5 | 0.10 |
| BHU-39/75 | 98.30 | 98.60 | 0.3 | 0.27 | 90 | do | Pyrr = 4-5%, Cpy =1-2% | 1400 | <50 | <25 | 50 | 25 | <5 | 0.10 |
| BHU-39/76 | 98.60 | 98.90 | 0.3 | 0.27 | 90 | do | do | 1300 | <50 | <25 | 25 | 25 | <5 | 0.10 |
| BHU-39/77 | 98.90 | 99.20 | 0.3 | 0.27 | 90 | do | Pyrr = 3-4%, Asp = <1%, as very fine | 150 | <50 | <25 | 25 | <25 | <5 | 0.60 |
| BHU-39/78 | 99.20 | 99.50 | 0.3 | 0.26 | 87 | do | do | 700 | <50 | <25 | <25 | <25 | <5 | 0.10 |
| BHU-39/79 | 99.50 | 99.80 | 0.3 | 0.26 | 87 | do | Pyrr = 3-4%, Cpy = <0.5% | 450 | <50 | <25 | <25 | <25 | <5 | 0.60 |
| BHU-39/80 | 99.80 | 100.10 | 0.3 | 0.26 | 87 | do | Pyrr = 3-4%, Cpy = <0.5% | 1300 | <50 | <25 | 25 | <25 | <5 | 0.10 |
| BHU-39/81 | 100.10 | 100.40 | 0.3 | 0.26 | 87 | do | Pyrr = 2-3%, as very fine disseminations | 275 | <50 | <25 | 75 | <25 | <5 | 0.20 |
| BHU-39/82 | 100.40 | 100.75 | 0.35 | 0.3 | 86 | do | do | 100 | <50 | <25 | 50 | <25 | <5 | 0.10 |
| BHU-39/83 | 100.75 | 101.10 | 0.35 | 0.3 | 86 | do | Pyrr = 4-5%, Cpy = 2-3% | 450 | <50 | 50 | 75 | <25 | <5 | 0.10 |
| BHU-39/84 | 101.10 | 101.35 | 0.25 | 0.17 | 68 | do | Pyrr = 1-2%, Cpy = rare specks | 400 | <50 | <25 | 50 | <25 | <5 | 0.20 |
| BHU-39/85 | 101.35 | 101.60 | 0.25 | 0.18 | 72 | do | Pyrr = 3-4%, Cpy = 1-2%, Asp = 8-10% | 1600 | <50 | <25 | 450 | 2700 | <5 | 4.20 |
| BHU-39/86 | 101.60 | 101.95 | 0.35 | 0.28 | 80 | Keratophyre | Pyrr = 4-5%, Cpy = rare | 175 | <50 | <25 | 50 | 25 | <5 | 0.30 |
| BHU-39/87 | 101.95 | 102.30 | 0.35 | 0.28 | 80 | do | do | 225 | <50 | <25 | 75 | 25 | >5 | 0.10 |
| BHU-39/88 | 102.30 | 102.55 | 0.25 | 0.21 | 84 | do | carbonated + amp+bitote along thin zone Pyrr = 3-4%, Cpy = rare | 150 | <50 | <25 | 50 | 25 | >5 | 0.10 |
| BHU-39/89 | 102.55 | 102.80 | 0.25 | 0.21 | 84 | do | Pyrr = 3-4%, Cpy = 1-2% | 3400 | <50 | <25 | 75 | >25 | >5 | 0.10 |
| BHU-39/90 | 102.80 | 103.10 | 0.3 | 0.25 | 83 | do | Pyrr = 3-4%, Cpy rare stringers | 550 | <50 | <25 | 75 | >25 | >5 | 0.10 |
| BHU-39/91 | 103.10 | 103.40 | 0.3 | 0.25 | 83 | do | carbonated + amb + biotite do | 300 | >50 | 25 | 100 | >25 | >5 | 0.10 |
| BHU-39/92 | 103.40 | 103.75 | 0.35 | 0.35 | 100 | do | Pyrr=3-4%, Cpy= 1% | 1100 | >50 | 50 | 125 | >25 | >5 | <0.1 |
| BHU-39/93 | 103.75 | 104.10 | 0.35 | 0.35 | 100 | Pyrr = 1-2%, rare specks of | | 175 | >50 | 50 | 100 | >25 | >5 | 0.20 |
| BHU-39/94 | 104.10 | 104.35 | 0.25 | 0.25 | 100 | do | Pyrr = 3-4%, rare specks of cpy | 400 | >50 | 50 | 100 | >25 | >5 | <0.1 |
| BHU-39/95 | 104.35 | 104.60 | 0.25 | 0.25 | 100 | do | do | 250 | >50 | >25 | 50 | >25 | >5 | <0.1 |
| BHU-39/96 | 104.60 | 104.85 | 0.25 | 0.25 | 100 | do | Pyrr =3-4%, Cpy = <1% | >25 | >50 | >25 | >25 | >25 | >5 | 0.10 |
| BHU-39/97 | 104.85 | 105.10 | 0.25 | 0.23 | 92 | do | Pyrr = 4-5%, Cpy = rare disseminations | 300 | >50 | >25 | 50 | >25 | >5 | 0.20 |

| Sample | Sample length (m) | | | Rec. | Rec. | DESCRIPTION | | l analysis (ppm) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| No. | From | To | Diff. | len.(m) | % | | | Cu | Pb | Zn | Ni | Co | Ag | Au |
| BHU-39/98 | 105.10 | 105.35 | 0.25 | 0.23 | 92 | do | do | 250 | >50 | >25 | 75 | >25 | >5 | <0.1 |
| BHU-39/99 | 105.35 | 105.65 | 0.3 | 0.27 | 90 | do | do | 300 | >50 | >25 | 100 | >25 | >5 | <0.1 |
| BHU-39/100 | 105.65 | 105.95 | 0.3 | 0.27 | 90 | do | do | 175 | >50 | >25 | 50 | >25 | >5 | 0.10 |
| BHU-39/101 | 105.95 | 106.25 | 0.3 | 0.27 | 90 | do | Pyrr =1-2%, | 75 | >50 | >25 | 50 | >25 | >5 | 0.10 |
| BHU-39/102 | 106.25 | 106.55 | 0.3 | 0.26 | 87 | do | Rare specks of pyrrhotite | 25 | >50 | >25 | 75 | >25 | >5 | <0.1 |
| BHU-39/103 | 106.55 | 106.85 | 0.3 | 0.26 | 87 | do | do | 25 | >50 | >25 | 100 | 25 | >5 | 0.10 |
| BHU-39/104 | 106.85 | 107.15 | 0.3 | 0.26 | 87 | do | Pyrr = 3-4%, rare specks of Cpy | 100 | >50 | >25 | 100 | 25 | >5 | 0.10 |
| BHU-39/105 | 107.15 | 107.45 | 0.3 | 0.26 | 87 | do | Rare specks of Pyrr, Py & Cpy | >25 | >50 | >25 | 75 | >25 | >5 | 0.10 |
| BHU-39/106 | 107.45 | 107.75 | 0.3 | 0.27 | 90 | do | do | >25 | >50 | >25 | 125 | >25 | >5 | 0.20 |
| BHU-39/107 | 107.75 | 108.05 | 0.3 | 0.27 | 90 | do | do | >25 | >50 | >25 | 100 | >25 | >5 | 0.10 |
| BHU-39/108 | 108.05 | 108.35 | 0.3 | 0.27 | 90 | do | Fine stringers of pyrite & pyrrhotite along with secondary amp + carbonate veinlets | >25 | >50 | >25 | 125 | 25 | >5 | 0.10 |
| BHU-39/109 | 108.35 | 108.65 | 0.3 | 0.27 | 90 | do | do | 125 | >50 | >25 | 125 | >25 | >5 | 0.20 |
| BHU-39/110 | 108.65 | 108.95 | 0.3 | 0.27 | 90 | do | do | >25 | >50 | >25 | 75 | >25 | >5 | 0.40 |
| BHU-39/111 | 108.95 | 109.25 | 0.3 | 0.27 | 90 | do | Pyrr = 3-4% | 325 | >50 | >25 | 150 | >25 | >5 | 0.10 |
| BHU-39/112 | 109.25 | 109.50 | 0.25 | 0.25 | 100 | do | Barren | 200 | >50 | >25 | 100 | 25 | >5 | 0.10 |
| BHU-39/113 | 109.50 | 109.75 | 0.25 | 0.25 | 100 | do | Barren | >25 | >50 | >25 | 100 | >25 | >5 | 0.20 |
| BHU-39/114 | 167.30 | 167.70 | 0.4 | 0.13 | 33 | do | Rare specks of Py & Cpy | 100 | >50 | >25 | 125 | >25 | >5 | 0.20 |
| BHU-39/115 | 167.70 | 168.10 | 0.4 | 0.13 | 33 | do | do | 600 | >50 | >25 | 50 | 25 | >5 | 0.80 |
| BHU-39/116 | 168.10 | 168.50 | 0.4 | 0.14 | 35 | do | Pyrr + Py = 2%, Cpy = 3-4% | 700 | >50 | >25 | 125 | 25 | >5 | 0.40 |
| BHU-39/117 | 168.50 | 168.90 | 0.4 | 0.37 | 93 | Felsci volcanic | Pyrr = 4-5%, Cpy = 3-4%, Py = 1-2%, Asp = rar | 250 | >50 | >25 | 175 | >25 | >5 | 0.60 |
| BHU-39/118 | 168.90 | 169.30 | 0.4 | 0.4 | 100 | do | yrr = 5-6%, Asp = 5-6%, Cpy = 1-2%, Py = 1-2 | 600 | >50 | >25 | 350 | 1200 | >5 | 4.00 |
| BHU-39/119 | 169.30 | 169.80 | 0.5 | 0.32 | 64 | do | Pyrite = 1%, Cpy =1% | 175 | >50 | >25 | 50 | 225 | >5 | <0.1 |
| BHU-39/120 | 169.80 | 170.25 | 0.45 | 0.28 | 62 | ite, highly fractured Asp = 3-4, Py = 2-3% | | 300 | >50 | >25 | 125 | 300 | >5 | 0.20 |
| BHU-39/121 | 170.25 | 170.55 | 0.3 | 0.25 | 83 | Keratophyre | do | 425 | >50 | <25 | 300 | 300 | <5 | 0.20 |

| Sample | Sample length (m) | | | Rec. | Rec. | DESCRIPTION | | l analysis (ppm) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| No. | From | To | Diff. | len.(m) | % | | | Cu | Pb | Zn | Ni | Co | Ag | Au |
| BHU-39/122 | 170.55 | 170.90 | 0.35 | 0.3 | 86 | do | do | 2100 | >50 | <25 | 75 | <25 | <5 | 0.10 |
| BHU-39/123 | 170.90 | 171.25 | 0.35 | 0.3 | 86 | do | Asp = 2-3%, Pyrite = 5-6% | 1000 | >50 | <25 | 100 | 25 | <5 | 0.10 |
| BHU-39/124 | 171.25 | 171.55 | 0.3 | 0.21 | 70 | do | Pyrite = 8-10%, Asp = rare specks | 425 | >50 | <25 | 150 | 25 | <5 | 0.10 |
| BHU-39/125 | 171.55 | 171.85 | 0.3 | 0.21 | 70 | do | Py = 5-6%, Asp = 1%, Cpy = 1%, | 225 | >50 | <25 | 50 | <25 | <5 | 0.10 |
| BHU-39/126 | 171.85 | 172.15 | 0.3 | 0.21 | 70 | do | do | 1100 | >50 | <25 | 100 | <25 | <5 | <0.1 |
| BHU-39/127 | 172.15 | 172.45 | 0.3 | 0.21 | 70 | do | do | 1000 | >50 | <25 | 75 | <25 | <5 | <0.1 |
| BHU-39/128 | 172.45 | 172.75 | 0.3 | 0.21 | 70 | do | do | 900 | >50 | <25 | 75 | <25 | <5 | <0.1 |
| BHU-39/129 | 172.75 | 173.15 | 0.4 | 0.27 | 68 | Quartzite | Pyrr =3-4%, Cpy = <1% | 175 | >50 | <25 | 75 | <25 | <5 | <0.1 |
| BHU-39/130 | 173.15 | 173.55 | 0.4 | 0.28 | 70 | do | Disseminations of pyrite & Pyrr (1-2%) | 125 | >50 | <25 | 100 | <25 | <5 | <0.1 |
| BHU-39/131 | 173.55 | 173.80 | 0.25 | 0.17 | 68 | do | do | 325 | >50 | <25 | 75 | <25 | <5 | <0.1 |
| BHU-39/132 | 173.80 | 174.10 | 0.3 | 0.2 | 67 | do | do | 425 | >50 | <25 | 75 | <25 | <5 | <0.1 |
| BHU-39/133 | 174.10 | 174.45 | 0.35 | 0.21 | 60 | do | Pyrr =3-4%, Asp =1% | 650 | >50 | <25 | 50 | <25 | <5 | 0.20 |
| BHU-39/134 | 174.45 | 174.80 | 0.35 | 0.21 | 60 | do | Pyrite = 4-5%, Pyrr = 1-2%, Asp = rare | 2700 | >50 | <25 | 50 | 75 | <5 | 0.10 |
| BHU-39/135 | 174.80 | 175.15 | 0.35 | 0.21 | 60 | do | Pyrr = 3-4%, Asp + Cpy ~ 1% | 225 | >50 | <25 | 25 | 50 | <5 | <0.1 |
| BHU-39/136 | 175.15 | 175.45 | 0.3 | 0.18 | 60 | do | do | 600 | >50 | <25 | 75 | <25 | <5 | <0.1 |
| BHU-39/137 | 175.45 | 175.75 | 0.3 | 0.19 | 63 | do | Rare specks of sulfides | 125 | >50 | <25 | 25 | <25 | <5 | <0.1 |
| BHU-39/138 | 175.75 | 176.05 | 0.3 | 0.21 | 70 | do | do | 100 | >50 | <25 | 50 | <25 | <5 | 0.10 |
| BHU-39/139 | 176.05 | 176.35 | 0.3 | 0.21 | 70 | do | do Pyrr = 4-5% | 250 | >50 | <25 | 50 | <25 | <5 | <0.1 |
| BHU-39/140 | 176.35 | 176.65 | 0.3 | 0.21 | 70 | do | do | 225 | >50 | <25 | 75 | <25 | <5 | <0.1 |
| BHU-39/141 | 176.65 | 176.95 | 0.3 | 0.21 | 70 | do | do | 350 | >50 | <25 | 125 | <25 | <5 | 0.10 |

## LOCATION MAP OF BHUKIA SOUTH CENTRAL BLOCK, BHUKIA PROSPECT, BANSWARA DISTRICT, RAJASTHAN




SCALE

m 250 0 250 750 1250 m

N

INDEX

DELWARA GROUP ( ARAVALLI SUPERGROUP )

- Quartzite
- Garnetiferous mica schist
- Amphibolite / banded amphibolite / chlorite schist
- Keratophyre
- Dolomitic marble
- Biotite - quartz schist

GHATOL THRUST

- Staurolite schist ( BANDED GNEISSIC COMPLEX)
- Antiformal axis
- Synformal axis
- Thurst
- Fault
- Gossan zone

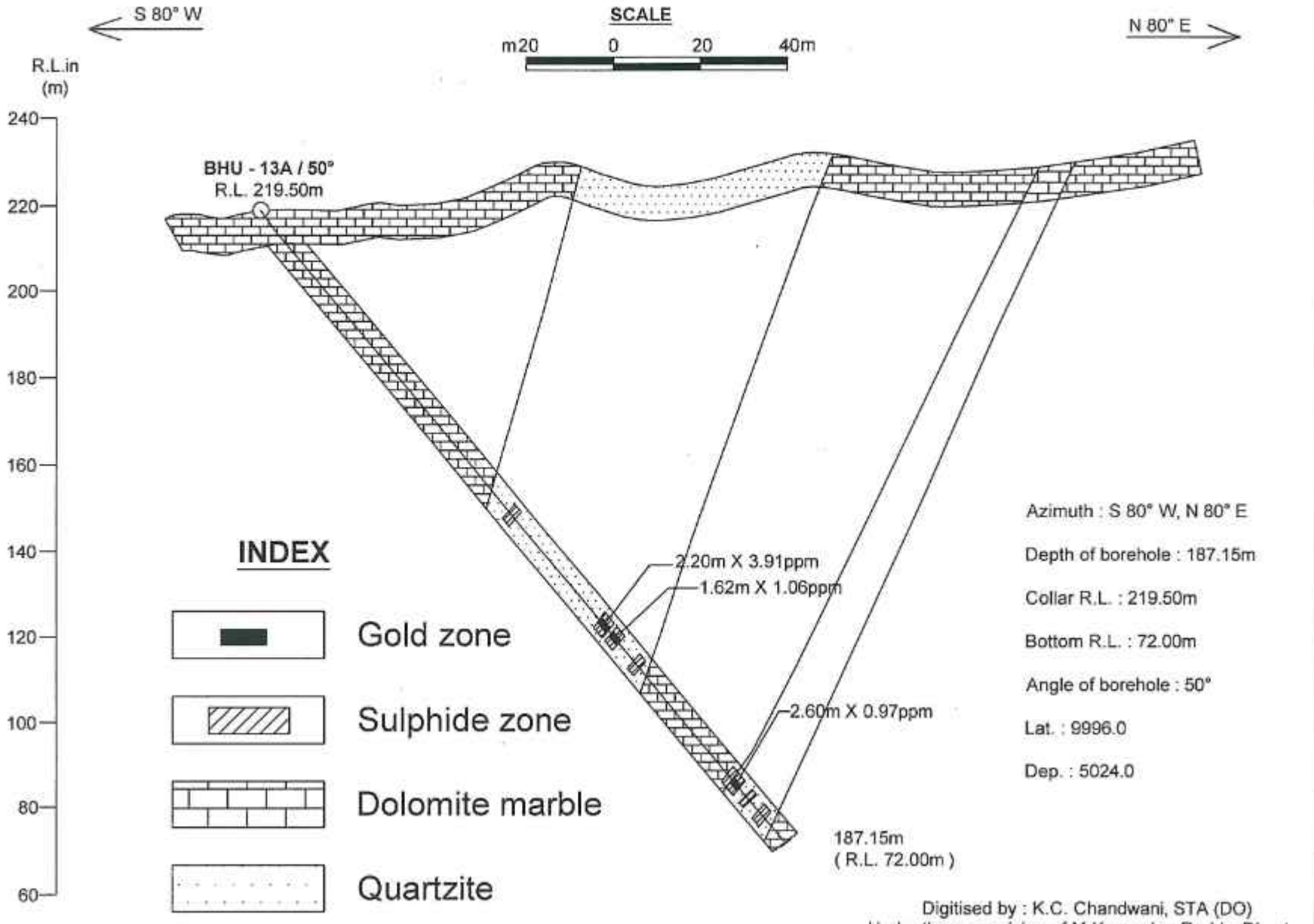
EXPLORATION BLOCK

| | |
|---|---|
| 1 | Delwara West Block |
| 2 | Delwara Block |
| 3 | Bhukia East Central Block |
| 4 | Bhukia East Block |
| 5 | Timran Mata East Block |
| 6 | Timran Mata West Block |
| 7 | Bhukia South Central Block |
| 8 | Bhukia North Central Block |
| 9 | Bhukia West Block |
| 10 | Khankariya Gara Block |
| 11 | Gundelapara Block |
| 12 | Delwara NW Block |

K.C.Chandwani, STA (DO)
Digital cartographic processing under supervision M. Karunaker Reddy, Director

Prepared by : Dr. S.S. Garhia & R.L.Jat

# GEOLOGICAL CROSS SECTION ALONG BOREHOLE BHU-13A, BHUKIA NORTH CENTRAL BLOCK, BANSWARA DISTRICT, RAJASTHAN

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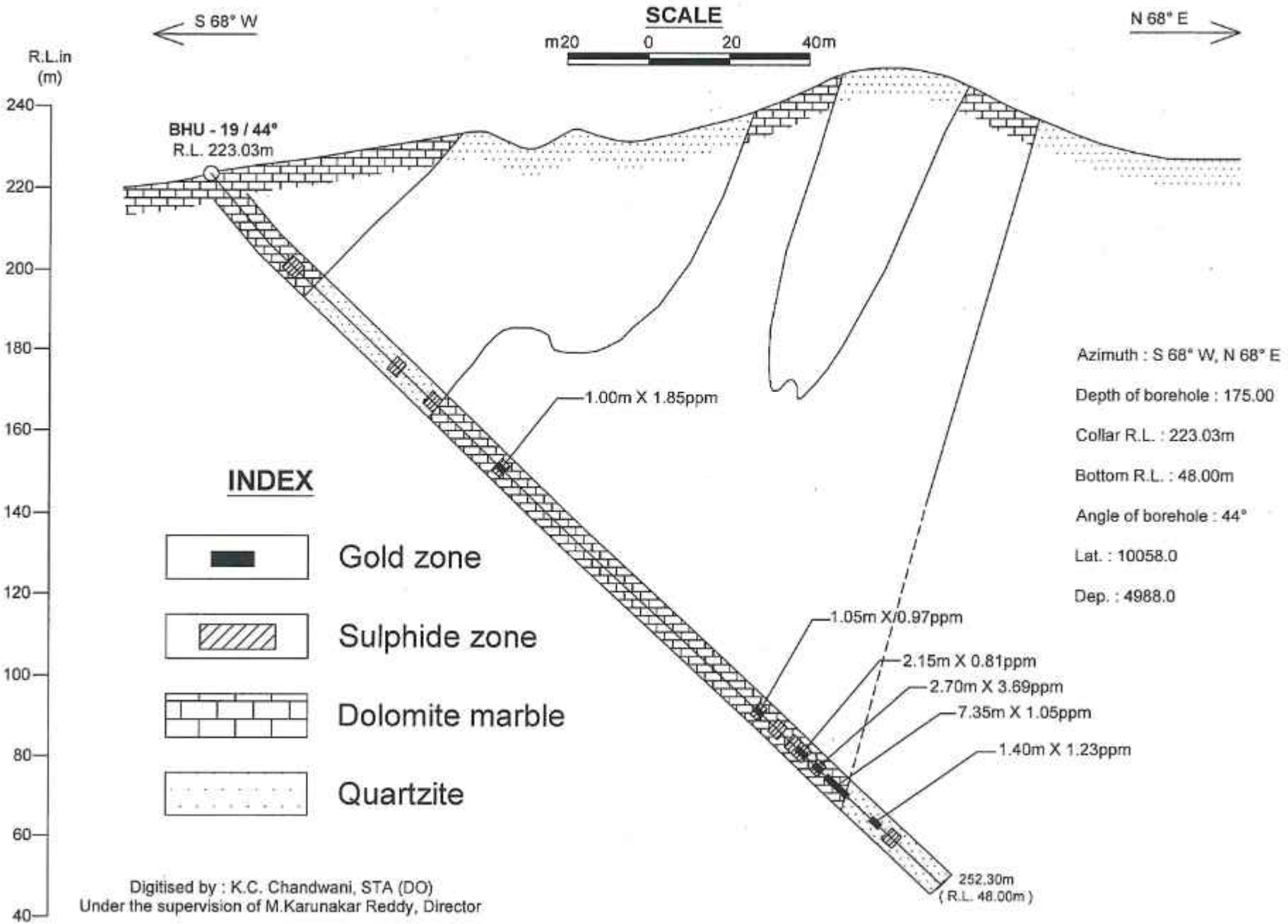
# GEOLOGICAL CROSS SECTION ALONG BOREHOLE BHU-19, BHUKIA NORTH CENTRAL BLOCK, BANSWARA DISTRICT, RAJASTHAN

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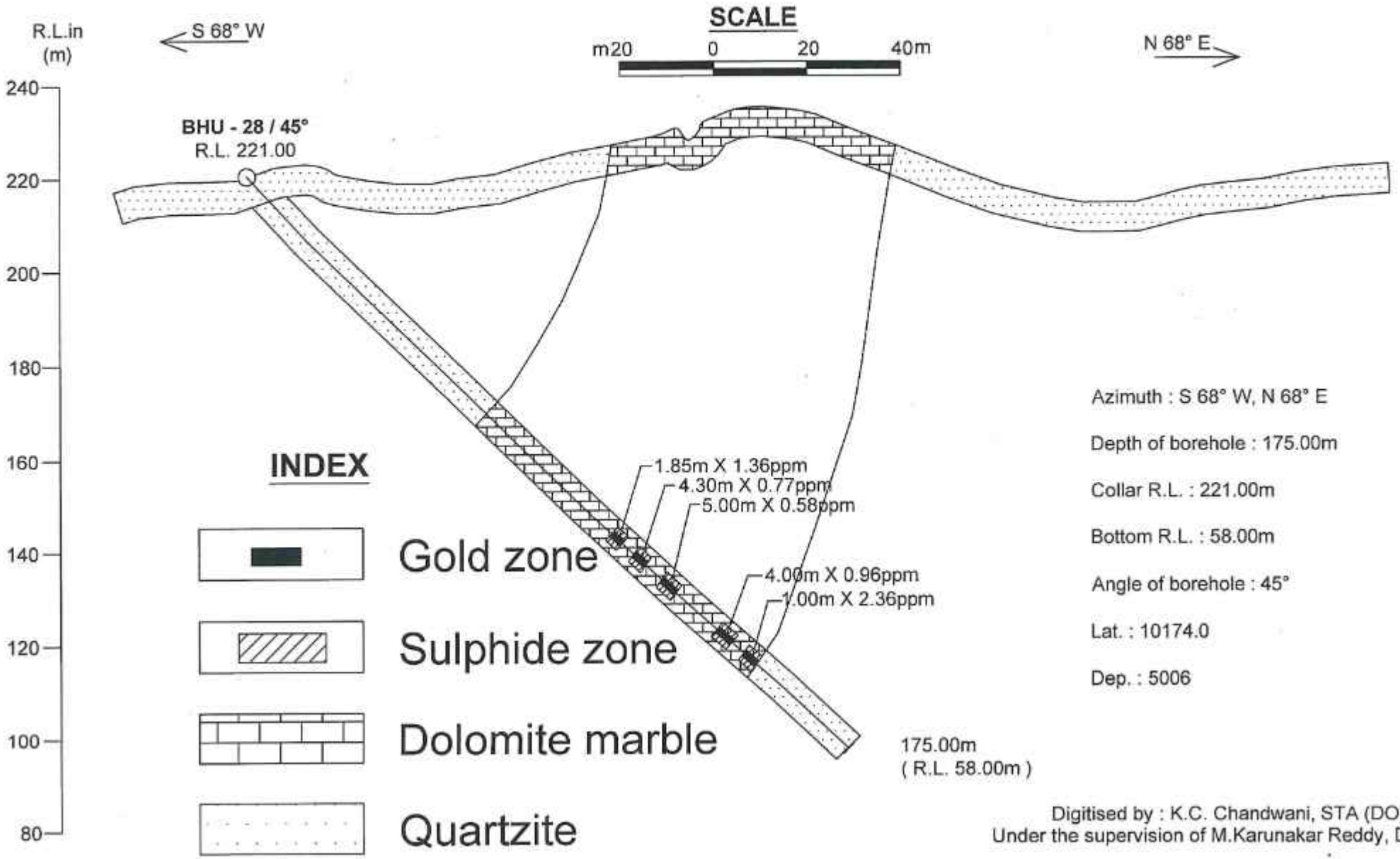
# GEOLOGICAL CROSS SECTION ALONG BOREHOLE BHU-28, BHUKIA NORTH CENTRAL BLOCK, BANSWARA DISTRICT, RAJASTHAN

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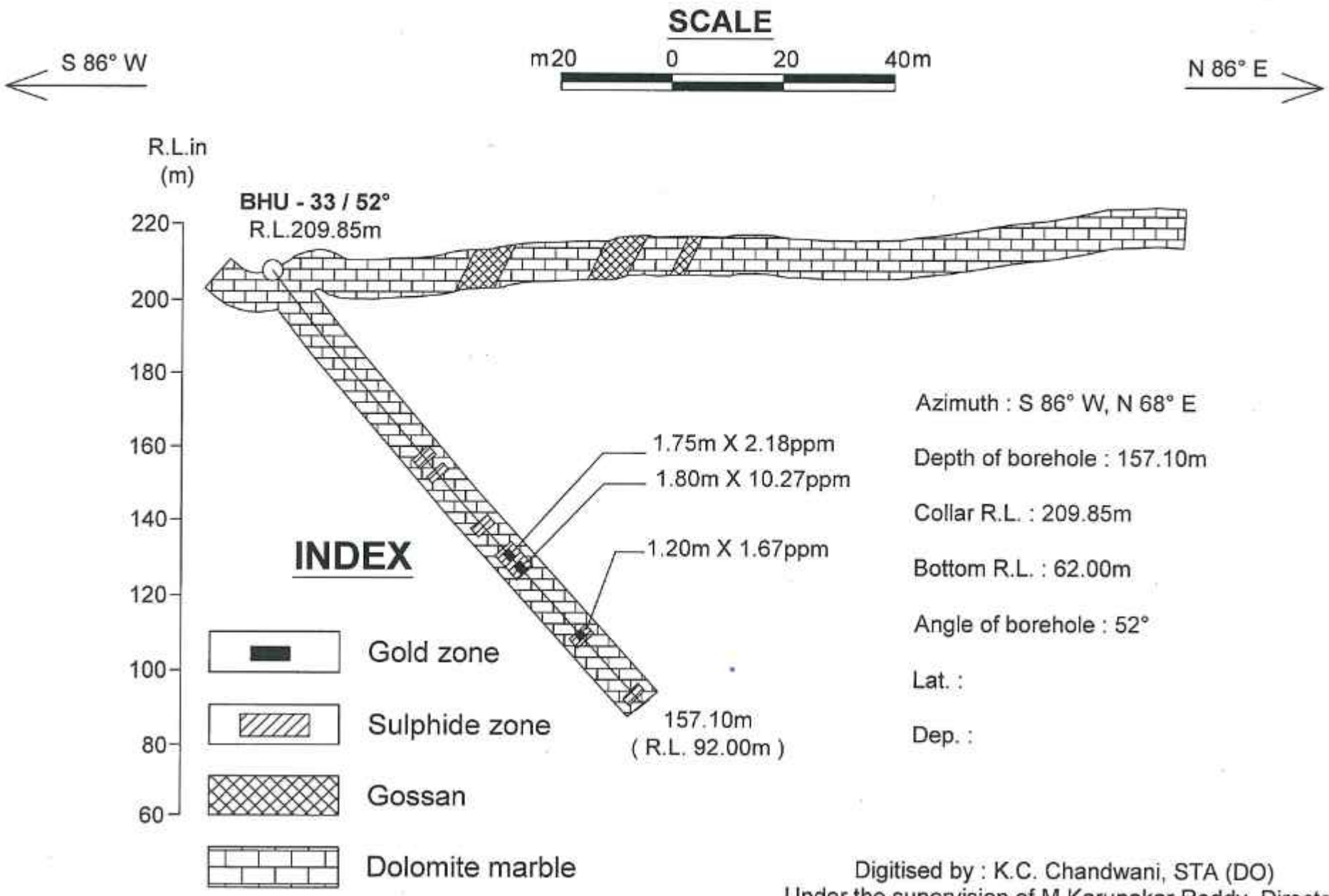
# GEOLOGICAL CROSS SECTION ALONG BOREHOLE BHU-33, BHUKIA NORTH CENTRAL BLOCK, BANSWARA DISTRICT, RAJASTHAN

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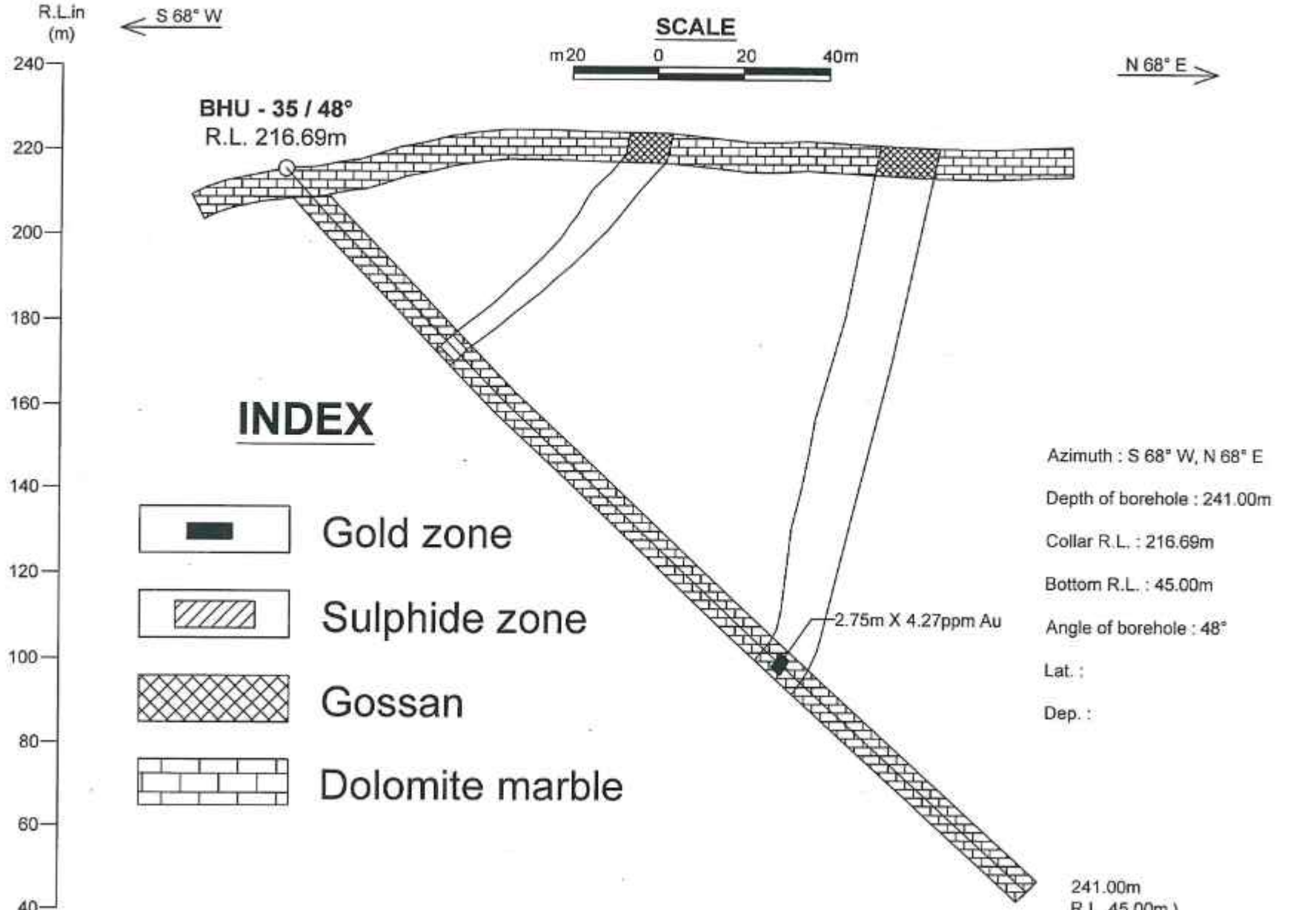
# GEOLOGICAL CROSS SECTION ALONG BOREHOLE BHU-35, BHUKIA NORTH CENTRAL BLOCK, BANSWARA DISTRICT, RAJASTHAN

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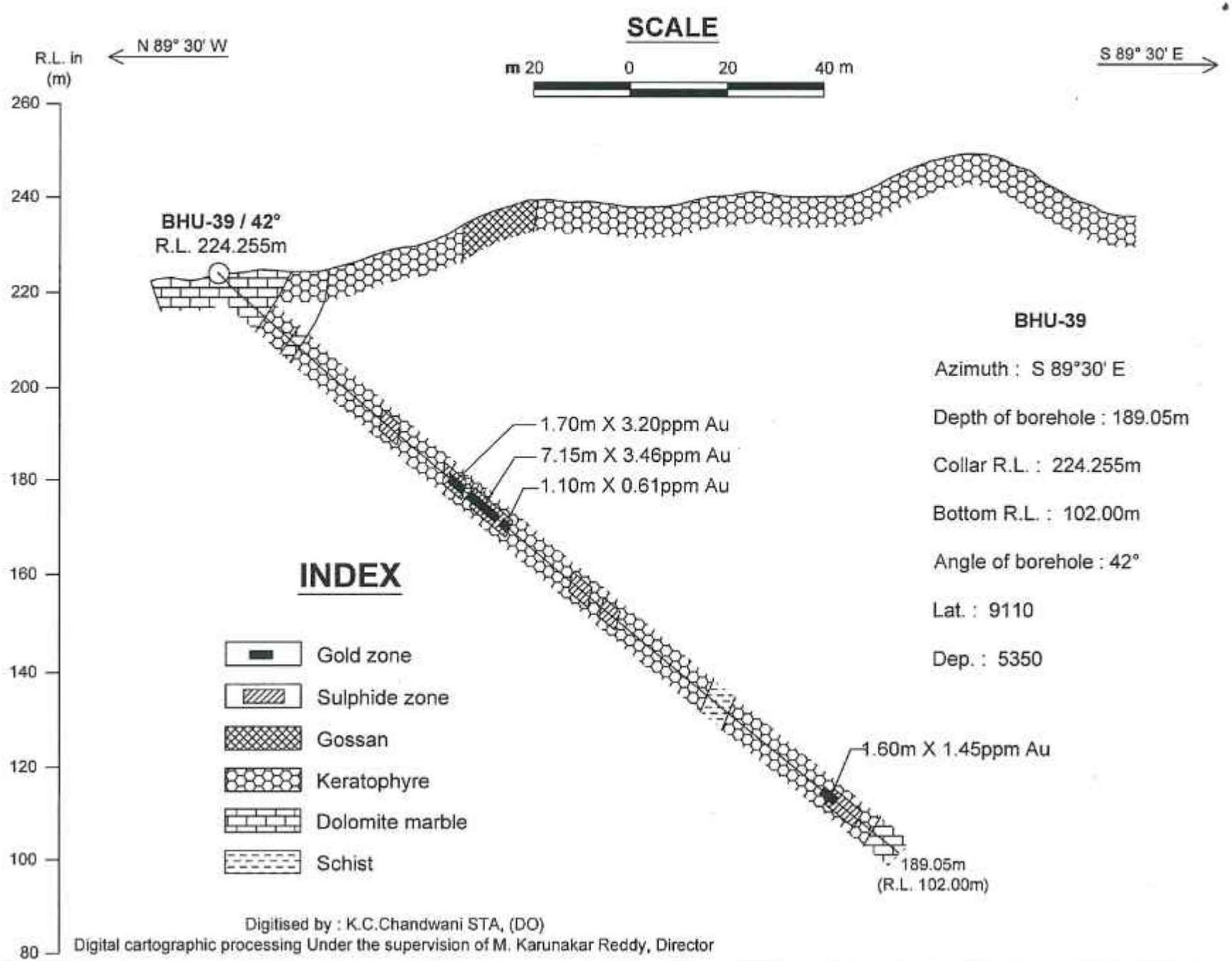
# GEOLOGICAL CROSS SECTION ALONG BOREHOLE BHU-39, BHUKIA SOUTH CENTRAL BLOCK, BANSWARA DISTRICT, RAJASTHAN

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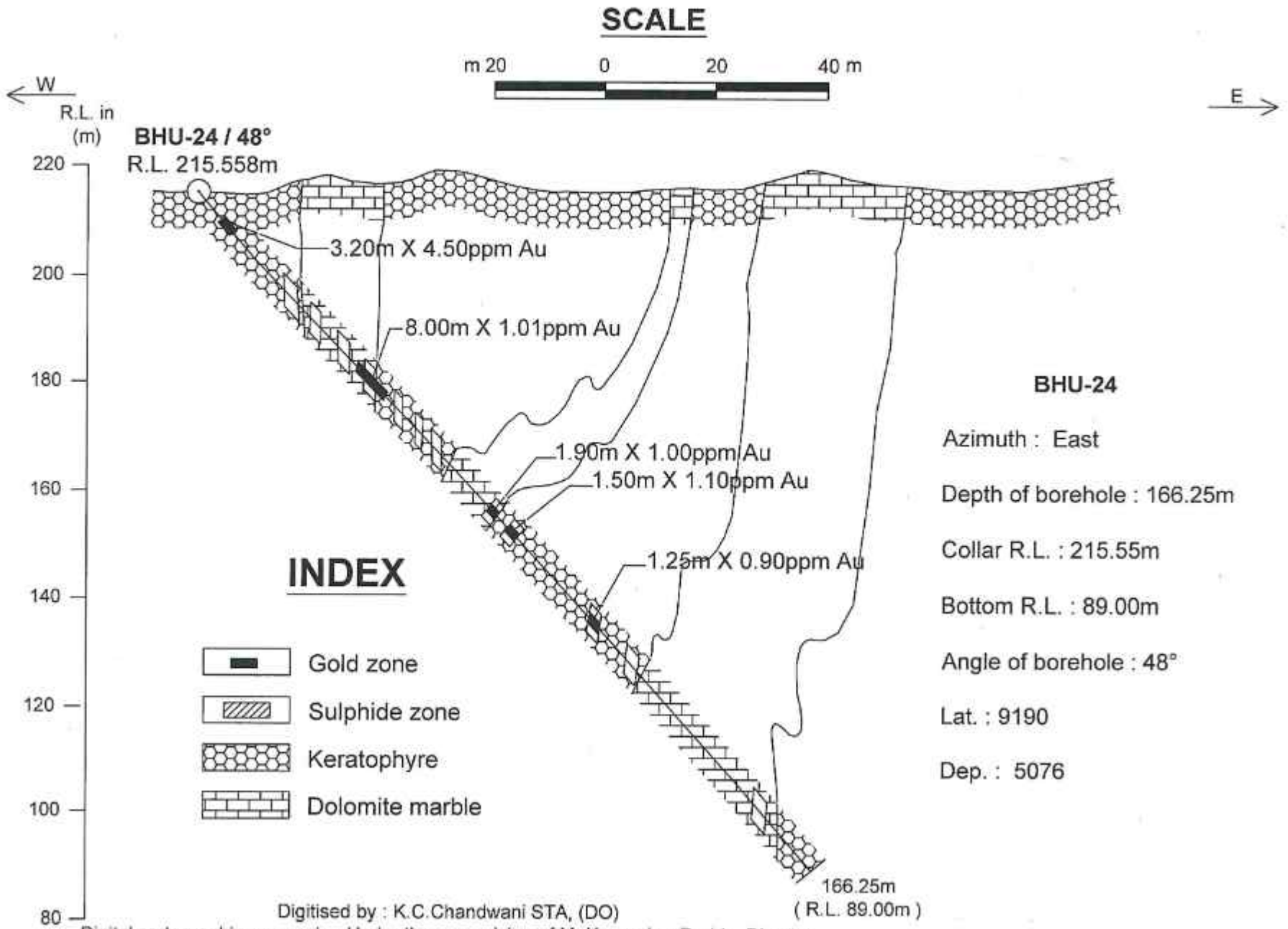
# GEOLOGICAL CROSS SECTION ALONG BOREHOLE BHU-24, BHUKIA SOUTH CENTRAL BLOCK, BANSWARA DISTRICT, RAJASTHAN

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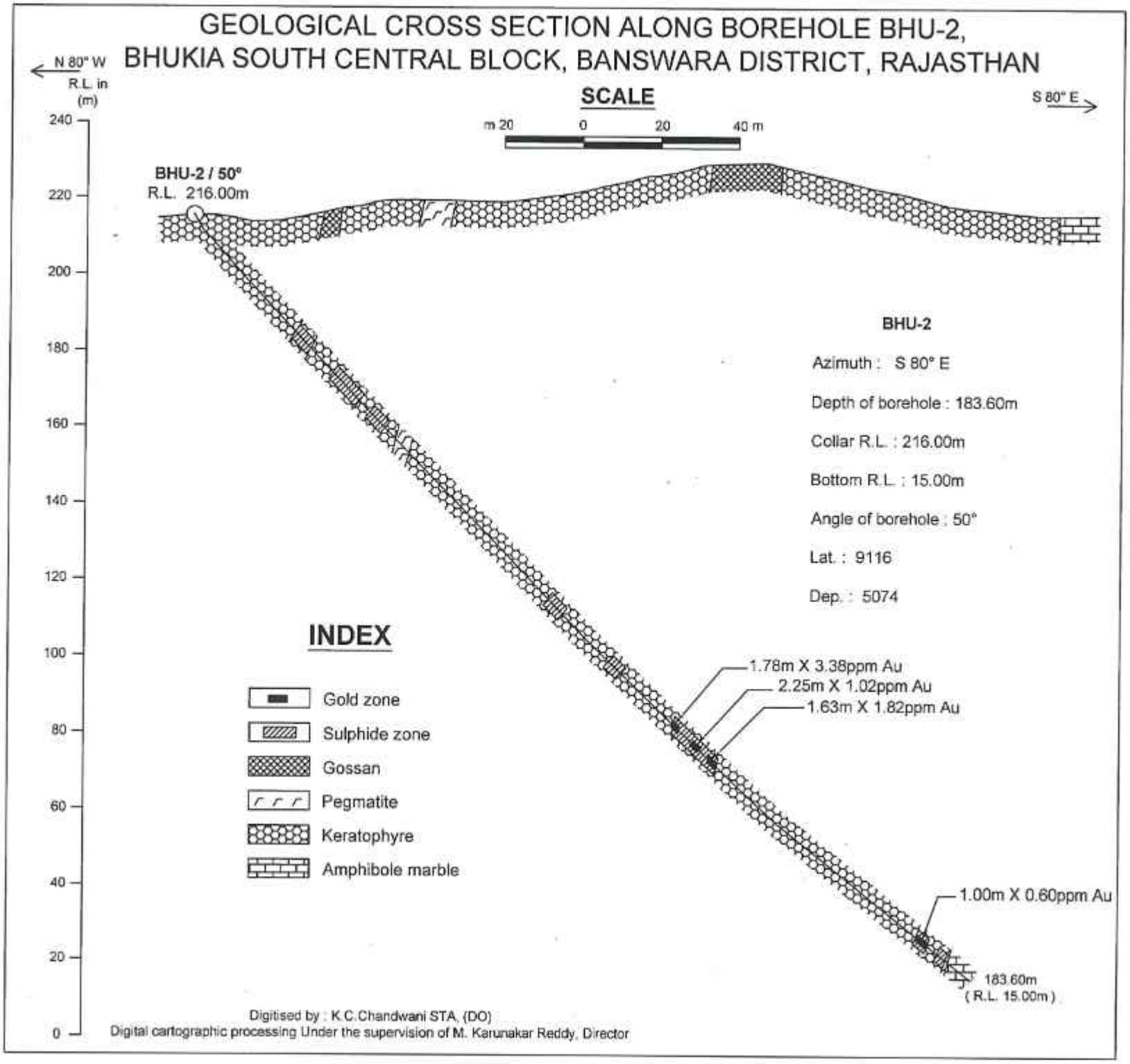
# GEOLOGICAL CROSS SECTION ALONG BOREHOLE BHU-2, BHUKIA SOUTH CENTRAL BLOCK, BANSWARA DISTRICT, RAJASTHAN

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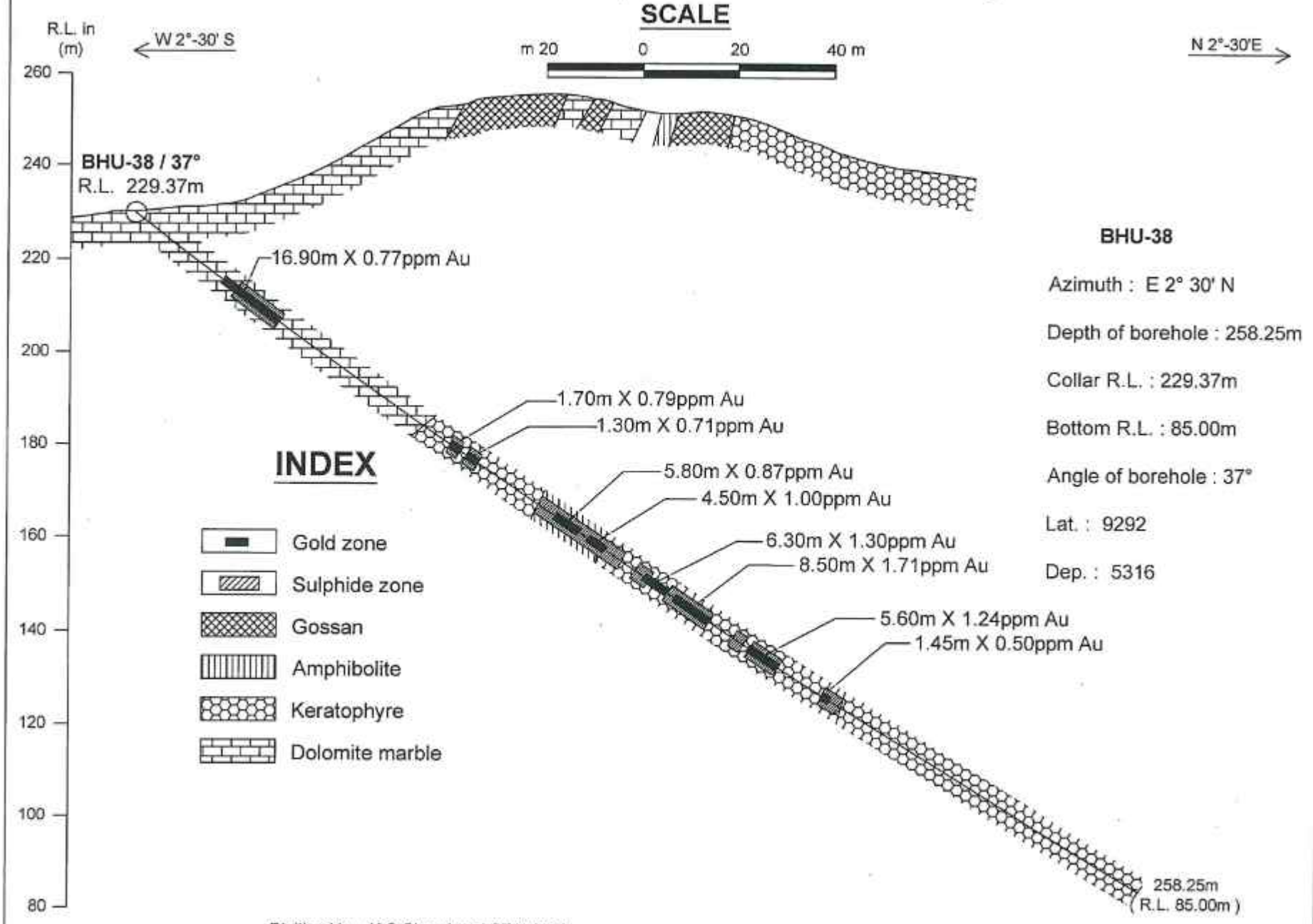
# GEOLOGICAL CROSS SECTION ALONG BOREHOLE BHU-38, BHUKIA SOUTH CENTRAL BLOCK, BANSWARA DISTRICT, RAJASTHAN

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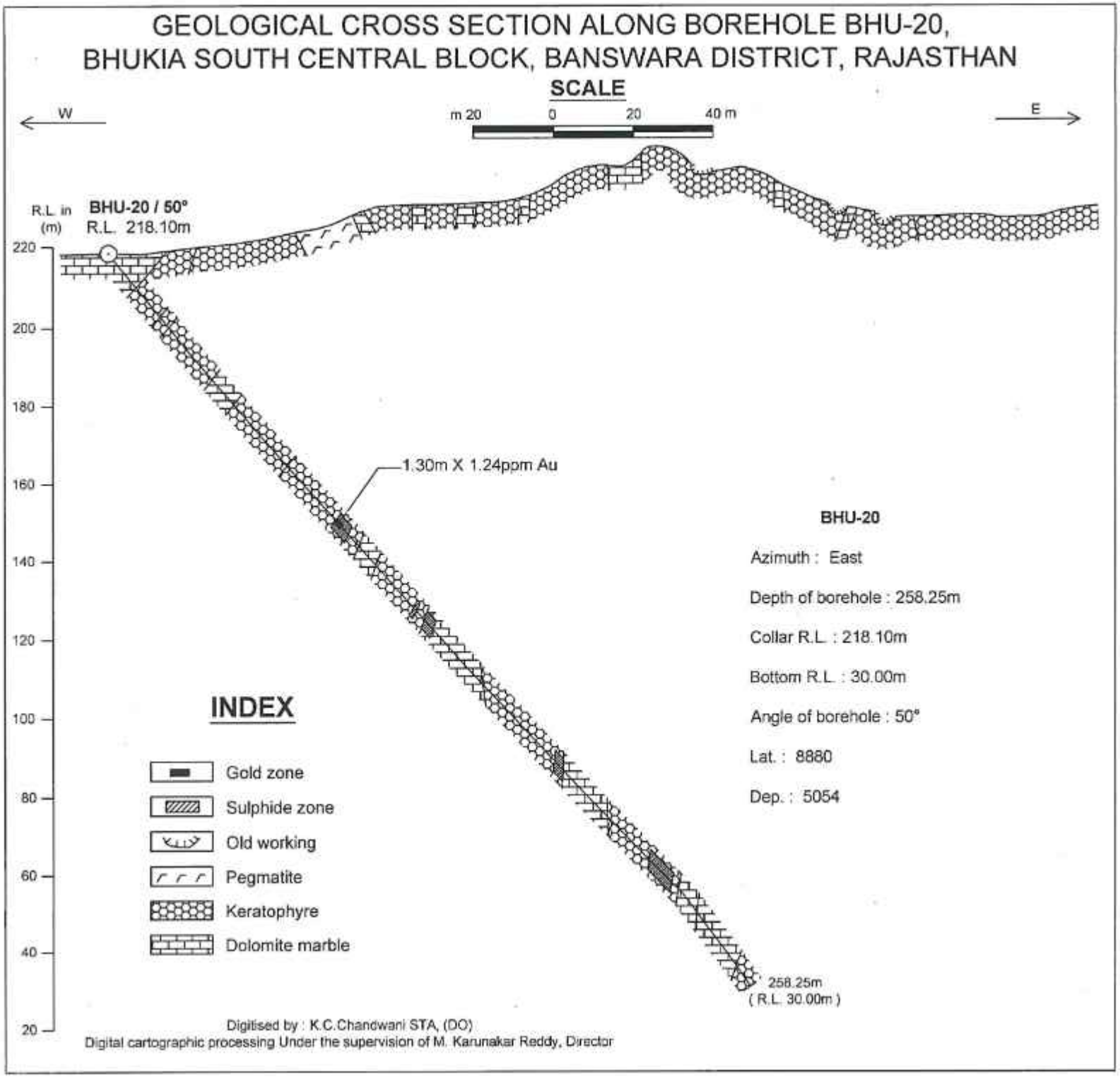
# GEOLOGICAL CROSS SECTION ALONG BOREHOLE BHU-20, BHUKIA SOUTH CENTRAL BLOCK, BANSWARA DISTRICT, RAJASTHAN

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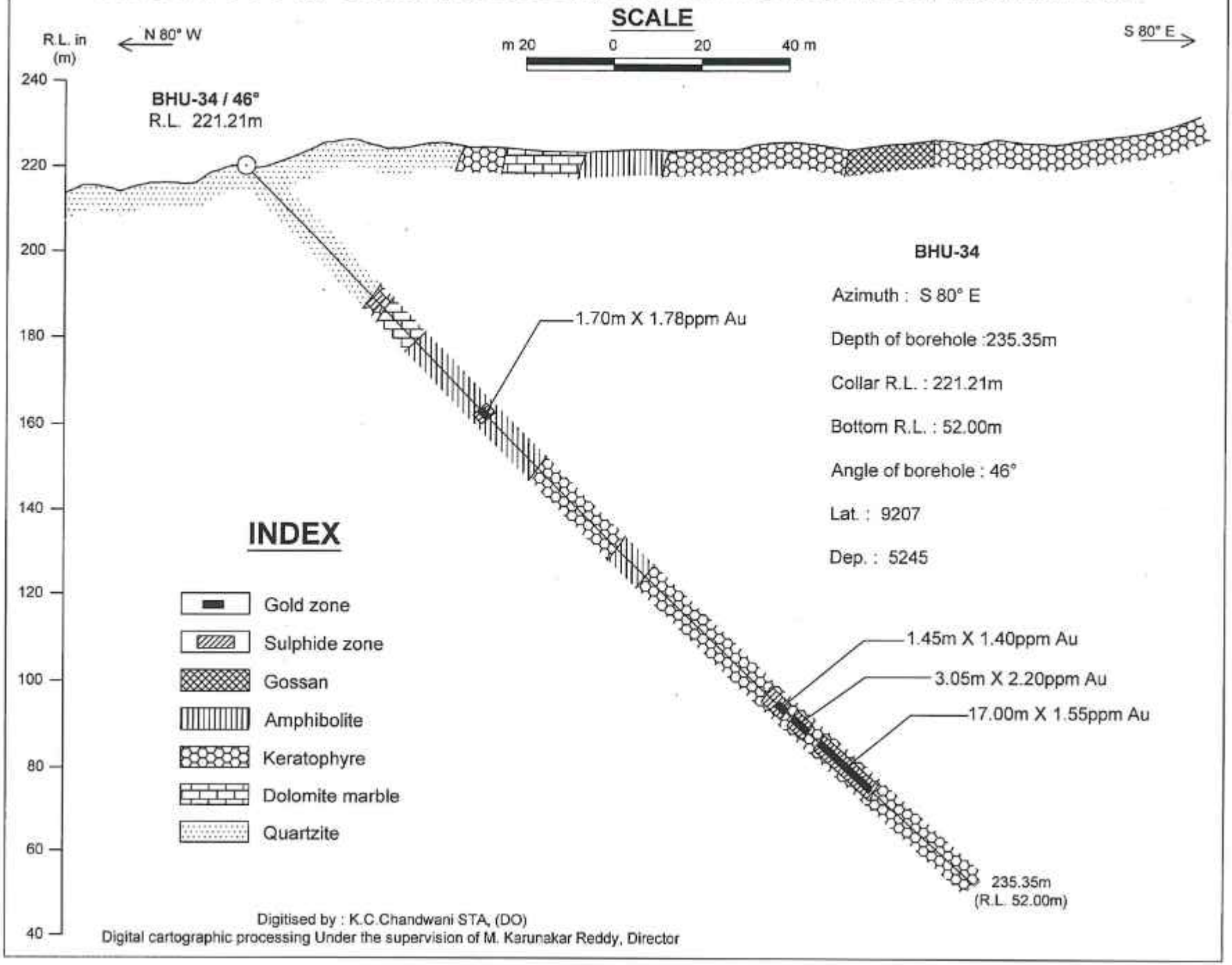
# GEOLOGICAL CROSS SECTION ALONG BOREHOLE BHU-34, BHUKIA SOUTH CENTRAL BLOCK, BANSWARA DISTRICT, RAJASTHAN

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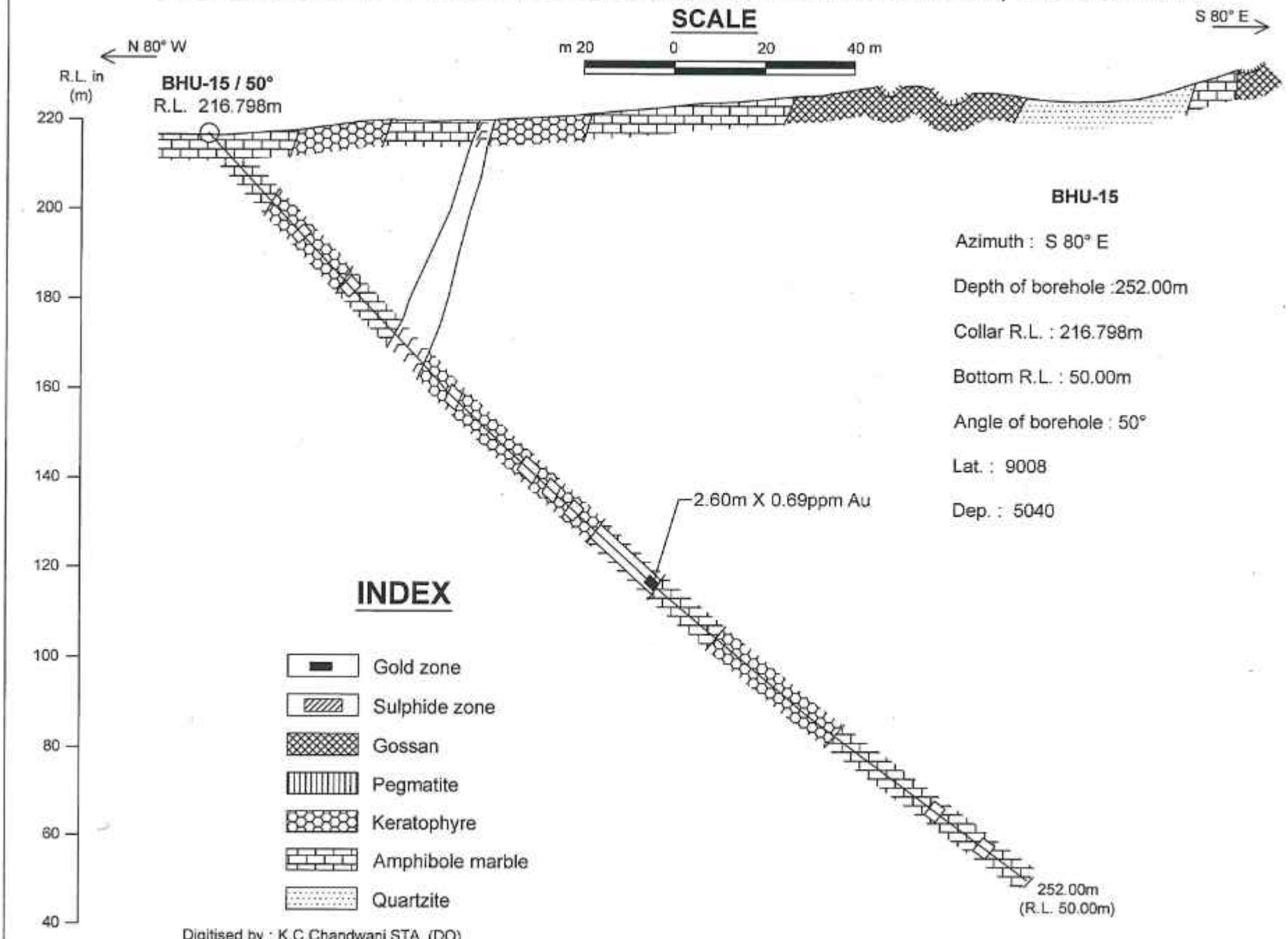
# GEOLOGICAL CROSS SECTION ALONG BOREHOLE BHU-15, BHUKIA SOUTH CENTRAL BLOCK, BANSWARA DISTRICT, RAJASTHAN

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