GM 29772 REPORT ON SAKAMI LAKE



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REPORT ON SAKAMI LAKE

FOR

THE INTERNATIONAL NICKEL CO. OF CANADA LTD.

David S. Robertson & Associates Limited Consulting Geologists & Mining Engineers Torouto, Canada (M5H/2M7

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INTRODUCTION

During regional geophysical work in 1972, the International Nickel Co. of Canada Ltd. discovered an area of anomalous radioactivity which, on ground examination, was found to contain uranium-bearing, quartz-pebble conglomerates.

Geological mapping and interpretation from magnetic data, coupled with data from a series of diamond drill holes, shows that a quartz-rich sedimentary sequence, with a strike length in excess of 5 miles, carries discontinuous conglomerates that locally have high contents of uranium.

Outcrop in the area is sparse so that the distribution of the conglomerate units is not well known. Even the structural character of the area of sediment and its stratigraphic relationship to contiguous rocks, ultramafic "lavas", greywacke, iron formation and greenstones of typically Archean aspect, is a matter of conjecture.

This brief report comments on the likely age of the sediments of interest, their stratigraphic and structural relationship to the adjacent "Archean rocks" and on the desirability of further work relative to their economic value. David B. Robertson & Associates Limited

THE URANIFEROUS SEDIMENTS AND THEIR DISTRIBUTION

The conglomerate units are thin, discontinuous zones which in core have rather diffuse edges but which in outcrop appear, at least in some cases, to have well defined edges. This definition may be due, in part, to a relatively high pyrite content in the conglomerates. The pebbles are not well defined but, in view of the stretching (elongation of about 5 to 1 reported by INCo lab) and the high degree of recrystallization attendant on regional metamorphism, this lack of definition is not surprising.

The quartzites, within which the conglomerates occur, vary from white, fine and even-grained, pure quartzites with varying amounts of sericite, to grey, dirty quartzites in which much biotite is developed. Locally the quartzite contains what may be pebbles and it has been logged in the core as pebbly quartzite.

The grade of regional metamorphism is of the amphibolite facies. Recrystallization of quartz is extreme and "pebbles" viewed in thin section are recognizable only because of what appears to be blotite selvedges around them.

In core the rocks all appear to be physically distorted to a high degree. In view of their high quartz content, it would not be surprising if they acted as very brittle members during regional folding and faulting and fracturing of minor scale, or displacement, may be more extreme than can be recognized in outcrop.

Part of the quartzite sequence is very clean, being largely quartz of fine, even grain. It is suggested by Barnes of

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Robertson & Associates that these clean sediments must be of second generation derived from earlier sediments. It would appear, if they are not of this origin, that some unusual washing and cleaning phenomenon must have removed all other material except minor amounts of clay prior to diagenesis.

The conglomerates are thin, as noted above, and of relatively small apparent pebble size. No pebbles were seen that appeared to have an original diameter much in excess of one inch. They have relatively more pyrite than the enclosing quartzites and locally, in thin seams, have in excess of 10% pyrite. Higher uranium values are normally found with pyrite although pyrite is sometimes without associated radioactivity. This phenomenon is usual in Proterozoic quartz-pebble conglomerates.

Locally, in zone 2 for example, conglomeratic units can be traced for hundreds of feet even though individual conglomerate beds cannot be so traced. This too is usual in Proterozoic conglomerates of this type.

Elsewhere, on outcrop, the conglomerate beds are shown as pinching out rapidly and appear to decrease in number from 5 or 6 to 1 or 2 within 500 feet. This may be so but it is conceivable that the intense physical deformation makes it extremely difficult to recognize torn and stretched conglomerate beds such that they cannot be mapped.

All the sediments which carry radioactive zones are unusually quartz-rich. They are distributed over an east-west strike

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length of about five miles on Sakami Lake and similar sediments, although not carrying radioactive minerals, have been found some miles to the west. These sediments thus had regional distribution prior to the diastrophic event which left only their roots, with associated interbedded greywackes and conglomerates, in elongate "keels" or synclines in the sea of granite and gneiss.

It is generally believed that the major break between the Archean and Proterozoic reflects a major change in the kind of exposed crust, both in its thickness and the way it reacted structurally, and in the degree of its petrologic development such that quartz-rich sediments could only form in abundance when sufficient granite and gneiss had evolved.

In areas of the earth where an Archean-Proterozoic boundary can be well defined, it is generally reflected by quartz-rich sediments lying on interbedded and folded greywacke, greenstone, and associated, magnetite-bearing iron formation.

On this boundary, in at least 5 major localities on 4 continents, there also occur quartz-pebble conglomerates carrying anomalous amounts of uranium. One of these is the Witwatersrand and one is Elliot Lake.

On the basis of the similarities between the five areas mentioned and the occurrence at Sakami Lake it is believed that Sakami Lake is a newly discovered expression of the Archean-Proterozcic boundary, albeit a highly folded one, and that the conglomerates carrying uranium have close affinities to those

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carrying uranium at Elliot Lake.

MUNERALIZATION

Various sulphide miner is can be identified in the core from Sakami Lake, including pyrite, pyrrhotite, chalcopyriteand sphalerite. While the pyrite appears intimately related to the conglomerate units, the other minerals, which occur in large blebs in fractures of relatively late aspect, are probably not so restricted.

The laboratories of the company have identified "pitchblende", a thorium silicate (either thorite or allanite), ilmenite, pyrite, pyrrhotite, chalcopyrite, galena, pentlandite, marcasite, phalerite and gersdorffite.

The material identified as pitchblende by X-ray fluorescence has been shown by microprobe to carry about 10% thorium. This strongly suggests that the mineral is uraninite, the ordered form of UO₂, and that the material is likely, in this environment, to be detrital. The material will likely be found to carry significant amounts of rare earths.

The thorium silicate, which, like uraninite, is formed only under "magmatic" conditions, is also likely to be detrital and may, at this locality, take the place of the ubiquitous monazite which is the usual granitic thorianiferous accessory mineral reporting to these rocks as a detrital "heavy mineral".

Pyrrhotite, chalcopyrite, pentlandite, marcasite, sphalerite and gersdorffite are probably related to the ultrabasic rocks, which will be later discussed, and seem unlikely to be part of

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the detrital suite.

OTHER ROCKS

On the north side of the quartzites of interest, between zone 2 and zone 3, lies a belt of ultramafic rocks described as lavas because of the large, skeletal olivine crystals found in them. Similar rocks were found near the south end of drill hole 49887 where they were inferred by magnetic expression. These rocks will be discussed in a later section. North of the ultrabasic rock, and bounding the quartzites on their north side elsewhere, lies a contorted sequence of greenstones, greywackes and iron formation, a group of rocks that seem to be typically Archean on the basis of the descriptions heard by the writer.

These rocks also occur to the south of the thin "keel" of quartzite and appear to be similar in character to the linear zones of greenstone and sediment mapped elsewhere through the broader region.

The attached map exaggerates the apparent geological relationships seen on company maps to illustrate what appears to the writer to be an unconformity between the guartzites and the Archean.

Dike-like bodies, mapped as diabase, cut the quartzite and lie in more or less formless masses in the Archean.

The broader region is a sea of gneiss and granite in which the remnants of the Archean lie. Neither the age nor distribution of the ultrabasic rocks or the diabase are known to the

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data suggest that they are younger and further comment on the ultrabasic rock is given below.

THE ULTRABASIC ROCKS

The ultrabasic rocks are known from their magnetic expression and from intersections in drill core. The major unit of this kind lies between the quartzite and the "Archean" to the north. Because of a sort of "spinifex" texture developed in this rock, in which a fine-grained matrix includes skeletal bladed olivine crystals, the material has been thought to be an extrusive rock or flow of quartzite age. The presence of a rock of similar character in drill hole 49887 suggested that the material is either of varying times of evolution, contemporaneous with different phases of the quartzite, or that the quartzite is synclinal with the south limb reflected by the ultrabasic in hole 49887.

Other hypotheses are possible and include:

- a) The ultrabasic is a flow of Archean age,
- a¹) The southern sub-crop is faulted into position,
- a²) The southern sub-crop is the south limb of a syncline.
 - b) The ultrabasic is a post-quartzite intrusive,
- b¹) The southern exposure is faulted into place,
- b²) The southern exposure is intrusive at the same time as the northern one.

These rocks were not examined in core or in thin section with the care which, in retrospect, would seem to have been desirable. The character of the contacts might have been informative al-

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though the intense metamorphism, particularly the physical breaking if it were post-ultrabasic, might well have destroyed phenomena of significance. The petrography of the ultrabasic rocks, too, might be instructive. Are they less intensely metamorphosed than the sediments?

In spite of lack of data, it is the writer's impression that the ultrabasics may be relatively late in the sequence. There is apparently no sign of debris, olivine, for example, in the sediments which might have been derived from the ultrabasic if it were "old". Sulphides, such as pentlandite, identified in polished section probably come from the larger pyrrhotite blebs visually examined in core which have all of the aspects of late introduction. While it is true that some of these sulphides are more mobile than pyrite, the writer finds it difficult to accept that blebs, as large as those seen, are evolved from re-working of detrital material or that they are so actively moved during metamorphism.

STRATIGRAPHIC SEQUENCE

It is implicit in what has been written that the writer believes the quartzites to be younger than the iron formationbearing sequence, that an unconformity exists between them along which, in part, an ultrabasic body has been intruded, and that tops in the sediments face south, at least in the areas in which drill holes are collared.

Top determinations in the Archean, which may have been deformed prior to the laying down of the Proterozoic, will be found to be meaningless in relation to tops in the quartzites.

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ECONOMIC WORTH

The conglomerates elsewhere which are presently considered economic or sub-economic are all similar, in part, and all have differences:

They are all of large areal extent.

They are all robust and well packed near the paleoslope but decrease in robustness and packing away from the paleoslope. (In South Africa, where large numbers of unconformities occur within the stratigraphic succession, the conglomerates are milled to thin layers (1 - 4 inches) containing pea-sized fragments and very high concentrations of heavy minerals).

They all have sub-economic fringes in which mineralization in the conglomerate is sparse and in which the proportion of conglomerate beds is not sufficient to permit mining.

They vary in mineralogy and in Th/U ratio In all instances, however, the chief thorium-bearing mineral seems unquestionably detrital and the uranium minerals seem likely so.

It appears that these conglomerates form only off major drainage. They are normally, therefore, of considerable size and weak conglomerate units normally indicate the near presence of stronger units. This fact suggests that exploration for economic bodies does not initially require closely-spaced holes. Holes of spacing of 1 or 1-1/2 miles are generally adequate. In development, likewise, holes at 500 to 1,000 feet are sufficient for evaluation.

The value or worth of the conglomerates as ore relates, largely, to the concentration of heavy minerals formed in them and the likely future price of uninum. Assessment of conglomerate, then, requires efforts to understand the character of the sedimentary environment and study of the character of the future uranium market.

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In connection with the latter subject, it is our opinion that there is now a foreseeable shortage of productive capability which can be based on ore reserves from which uranium can be produced at present day costs. It is therefore our opinion that the price of uranium must rise, probably substantially, in terms of 1972 dollars.

FUTURE PROGRAM

Work done to date has demonstrated the presence of basal Proterozoic quartz-pebble conglomerates similar, in many ways, to those which carry uranium ore bodies elsewhere.

As these bodies form only off major drainage and as, elsewhere, they are part of widespread sedimentary units, one can anticipate that the quartzites were, prior to folding, of widespread distribution.

Should the source from which the sediment came be uranium-bearing, and should the process of heavy mineral collection be active, uranium ore reserves could form in the conglomerates. Mineralization in some of the drill cores is at the same level as that encountered in areas of ore elsewhere, for example:

Hole	· · · · · · · · · · · · · · · · · · ·	Intersection		Includir	nd
49882		1.26 lbs/51 feet	2.9	1bs/9';5	lbs/1.6'
55303		1.64 lbs/10 feet	2.3	1bs/6'	1.316.11

It is the opinion of the writer that further examination of the area of the present find is warranted and that examination

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of the broader region is worthwhile.

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PRESENT FIND

The following work should be considered in the area of the quartzite of Sakami Lake:

- An evaluation of drill hole intersections to evolve average grade and tonnage over minable widths should be made.
- A preliminary evaluation of cost per pound of production in such an area should be made.
- An attempt should be made to follow the quartzite to the east.
- 4) At least two deep holes should be drilled in zone 2 to evaluate conglomerates at depth and to attempt to provide data on the basis of which a three dimensional view of sedimentation may be based.
- 5) Further consideration should be given to the structure of the quartzite zone. Is it an infold? Is it a fault block?

REGIONAL WORK

Some attempt should be made to find other areas in which quartzite is preserved. While, initially, search of such a large area appears quite difficult, it may be that early work will provide data to help limit the area.

Concepts that may bear on the search are as follows:

- Favorable Proterozoic sediments would exist only to seaward of the fall line in basal Proterozoic time. If one could evolve the trend of the fall line, one could restrict one's search to the seaward side of it.
- There is some evidence to suggest that major drainage persisted through long periods of time in the Proterozoic. Drainage trends, if one can establish them, may be useful.

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In this connection it has been pointed out to the staff that younger Proterozoic rocks seen to occupy linear trends in the region of interest. Thick sections of besal Proterozoic material, and their infolded welts, may occupy the same or similar trends.

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BASAL TILL AND BEDROCK SAMPLING SAKAMI QUEBEC PROJECT 33F2W

on behalf of

CANADIAN NICKEL COMPANY LIMITED

Ministère des Richesser Haturelles, Québec scrivir e de La documentation technique Date: 22 MAI 1974 No GM: 29773

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BASAL TILL AND BEDROCK SAMPLING SAKAMI QUEBEC PROJECT 33F 2/W

INTRODUCTION

A deep-sampling program of basal till and bedrock was carried out in the Sakami Lake area of Quebec on Canadian Nickel Company's Permit Area Number 548. The purpose was to determine extent and trends of quartzite host rock and, where possible, the amounts of associated sulfides and uraninite. The job was divided into three phases and the results are shown on the three accompanying maps.

Phase 1 was to deep-sample basal till and bedrock in the general area of an outcropping radio_active quartzite-conglomerate, and from the samples to investigate the lithologies, content of sulfides and uranium under the northern bay of Sakami Lake (drill-holes SL 1-10).

Phase 2 was to deep-sample basal till and bedrock along the northeast projected extension of a mineralized outcrop, and, from the samples, outline the extent of the quartzite host rock (drill-holes SL 11-28).

Phase 3 was to deep-sample basal till and bedrock in two areas: (A) to check-out a postulated fold for the quartzite and, (B) to search for evidence of repeated bands of quartzite host rock along a line stretching from the northern bay southward across the broad peninsula.

More specifically the job assigned to Lee Geo-Indicators and covered in this report was: To direct on site a deep-sampling program for basal till and bedrock in the Sakami Lake area. To decide when the favoured environments of basal till and bedrock were reached. To select and retain samples for further preparation and analysis. To establish presence or absence of host rock for uranium mineralization from an examination of the clasts in the till and chips of bedrock, and from these decide either further drilling on the pre-selected grid, or use of a revised grid designed to maximize the success of exploration. To prepare samples for analyses by laboratory sieving and making of heavy mineral separations, and to make examinations for lithologies on both chip samples and coarse clasts. To submit the mineralized clasts and heavy liquid concentrates to Canadian Nickel Company Limited for analysis of uranium. To produce maps and an interpretive report ofthe final results of this work.

Authority to do the work was given by C.O. Prischard, Manager, North American Exploration Canadian Nickel Company Limited, under Contract CN 73-1, dated January 31, 1973. H.A. Lee of Lee Geo-Indicators Limited was on the site at Sakami Lake from February 26th to March 8th. An oral progress report of the work was made to the regional manager exploration, H. Stewart at Copper Cliff on March 9th.

The drilling was done by Bradley Bros. Limited using a dualsystem drilling rig mounted on a Nodwell Carrier. The description of the drill rig and drilling statistics are given in the Appendix.

Uranium must run over $0.1\% U_3O_8$ or 2 lbs. U_3O_8 /ton to be considered ore. The sale price is fixed by the Government of Canada and in1973 is set at \$4.60/lb. of U_3O_8 . Most mills produce at about 2,000 tons/day, hence for a life of 10 years required reserves would be about 4,000,000 tons or 8,000,000 lbs. U_3O_8 .

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PROPERTY, DESCRIPTION AND LOCATION

The Sakami Area, about 96 air miles southeast of the village of Fort George, is situated on the west side of a large lake, Sakami Lake. It falls within the Map-sheet designated as NTS 33 F 2/Wat latitude $53^{\circ}12$ 'N and longitude $76^{\circ}54$ 'W. This area, for Quebec mining purposes, is called Permit Area No. 548. No attempt was made by the writer to confirm the Permit Number or its ground position as this was left to the Canadian Nickel Company geologist on the site, M. Atkins.

Access to the area is by chartered aircraft from either Chibougamau, Fort George, or Mattagami, all in the Province of Quebec. There has been some winter over-land traffic across snow and ice terrain from the Fort George-Mattagami highway about 25 miles to the west of the Permit Area.

Access within the area is good, by water travel in the summer and ice travel with snowmobiles in the winter. There are also several winter tractor roads.

GEOLOGY

References: Atkins, M. (Office map shown to the writer): Geology of the Sakami Quebec Project, Permit Area Number 548; Canadian Nickel Company Ltd., map.

> Eade, K.E. (1966): Fort George River and Kaniapiskau River (west half) Map-Areas, New Quebec; Geol. Surv. Canada Memoir 339, 83p., map 1'=15.78 Miles.

Lee, H.A.; Eade, K.E.; and Heywood, W.W. (1960): Surficial geology Sakami Lake, New Quebec; Geol. Surv. Canada Map 52-1959, Scale 1'=8 miles.

Eade, K.E.; Heywood, W.W.; and Lee, H.A. (1958): Sakami Lake Area, New Quebec; Geol. Surv. Canada Map 23-1957, Scale l'=8 miles.

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Overburden in the area is from 10 to 50 feet and is shown on the accompanying maps as spot depths. The overburden cover is continuous except for the occasional outcrop along a ridge. Magnetic readings, completed on the ground for portions of the Permit Area show several strong easterly trending magnetic linears. These have been established, in part by drilling, as being due to iron formation and ultramafics. Some volcanic rocks, paragneiss, diabase, and sediments are known for the area.

An airborne gamma readout is said to have detected radioactivity at a multiple number of places within the Permit Area. The underlying rocks were known from the GSC maps to have units which include the favourable host rocks for uranium, quartzites and conglomerates of Proterozoic age. The airborne anomalies were checked out on the ground by M. Atkins of Canadian Nickel Co. and most were found to be due to large granitic boulders which showed low radioactivity. However, two or three small occurrences were found to be due to quartzite and quartzite pebble conglomerates that have a detrital matrix of sulfides. X-ray film work, polished section and mineralogy by Canadian Nickel Company laboratories showed-up some minute grains of uraninite and this must account for some of the radioactivity. The uraninite is in the matrix, along with sulphides, chiefly pyrite, but occasionally a small speck of galena or chalcopyrite. The approximate boundaries of this favoured quartzite-pebble conglomerate host rock are shown on the accompanying maps, and it is also seen that this rock lies within an extensive area of associated arkose sediments.

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ENVIRONMENTS SAMPLED

The targets searched for were based on conditions known for the occurrence of U_3O_8 mineralization on the Sakami Quebec Project. The host rock is reported by M. Atkins to be quartzite with lenses of quartzite-pebble conglomerate. The U_3O_8 mineralization is said to occur in the matrix of the conglomerate along with sulfides. A U_3O_8 bearing mineral, uraninite, has been isolated from the matrix. The flow sheets and sampling procedures in this deep sampling program were set-up on the assumption that the above conditions apply throughout the Permit Area.

The deep sampling was then done to collect data on the three levels of targets: (1) the quartzite and quartzite-pebble conglomerates, (2) the sulfides, and (3) the mineral uraninite. Samples of bedrock were taken to give spot information at the site of the drill, and samples of basal till were taken to give information along the general area of dispersion by former ice. These two sources of data combined give control for outlining the areas of interest for further exploration.

The drill used to deep-sample based till and bedrock was a dualtube reverse circulation system designed to give continuous overburden sampling with a single run of the rods and the same bit. The time required to do the job averages 38 minutes at each site. Decisions were made by H.A. Lee, as the drill was descending, on what material was being penetrated and samples were saved only from the favourable environments of basal till and bedrock. Those geotechnical properties of rates of penetration, smoothness of drilling, and return of water were used along with materials to decipher

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the layers being penetrated. The results of on-drill site observations are given for each hole in the Appendix of this report. Table 5. Of the 31 holes drilled, 22 of them yielded samples of basal till, the remainder encountered rock directly, either in subcrop at the bottom of the lake, or below peat, or clay.

RESULTS ON PHASE 1 (See Accompanying Map, Phase 1)

OBJECTIVES

A small outcrop with ore-grade uraninite juts into the northern bay of Sakami Lake. The uraninite occurs as discreet grains, along with sulphides, within quartzite-pebble lenses of a quartzite formation. The objectives in Phase 1 are an evaluation by deepsampling in the lake of: (a) an extension of the ore-zone under the lake, and (b) location of more lenses of the quartzite-pebble conglomerate. Bedrock chips give information at the hole, and clasts in the till give information between the holes. The grid spacing of lines at 400 ft., 800 ft., and 1,200 ft. "down-ice" from the mineralized outcrop are to provide laboratory orientation data for measurement of Phase 2.

HOST ROCK

Data on bedrock, in search of the host rock for uranium, comes from the bedrock cuttings. Their size averages ½ to ½-inch in length and have about the same width. This size is controlled by the opening in the tricone cutting bit. Petrographic work was done on the bedrock chips by making two thin sections from each drill hole. H.A. Lee examined the chips under a petrographic microscope. To further bring

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out a contrast and so permit percentage estimates to be made between quartz and feldspar, some of the unmounted chips were etched with hydrofluoric acid, and if still necessary, further stained by a potash test using sodium cobaltinitrite. The Appendix to this report, Table 2, and the accompanying maps show the rock types as determined from petrographic work on the bedrock cuttings.

Phase 1 Map shows that drill holes SL 1, SL 3A, and SL 4 have entered a bedrock quartzite environment. Likely in subcrop, this would be the quartzite-pebble conglomerate environment searched for as one objective. The small size of the drill-cuttings preclude recognition of pebbles from the conglomerates. A few feet away from drill-hole SL 3, an outcrop on land shows the presence of a quartzite pebble-conglomerate, with some of the "pebbles" measured in feet (M. Atkins, oral communication). As well as the pure quartzites, ther are those: (a) With considerable interlayered mica; and (b) quartzites with low or moderate amounts of feldspar. These show on the accompanying maps as impure quartzite, and in Table 2 they are further broken down into micaceous quartzite and feldspathic quartzite. They are interpreted here as local winnowing or washing which has cleaned up some of the feldspathic quartzites and arkoses. The grains are not well rounded and are considered to be essentially local products. They are shoestring sands. Their plot on the map is outside the course interpreted for the former channel-deposits as marked by pure quartzites and quartzite-conglomerates.

The drilling produces for the till a mixture of cuttings from the larger clasts in the till, as well as some clasts which can pass through the drill openings relatively unscathed. The drill product is

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a big bag of mixed material for further examination and percentage determinations. First, however, those pieces showing some faces formed by glacial transport had to be picked out and separated from those chips showing only newly broken faces. The volume reduction at this stage was considerable, in the average range of 7 to 1. The number of clasts of till remaining for petrographic determinations ranged for each drill sample from 15 to 907 (Table 1). To determina the percentage of quartzites the batch of clasts for each sample \mathbf{w}_{0} etched with hydrofluoric acid. The map and Table 1 give the results of the petrographic determinations. It is seen that drill holes SL3, SL6, SL7, and SL8 have the favourable pure quartzite host rock, possibly quartz-pebble conglomerate, and the impure quartzite are in drill holes SL4, SL9 and SL10. The percentage of pure quartzite clasts in the basal till ranges from 2.4% to 6.8% and indicates a •major source near hole SL3.

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TABLE 1.PERCENTAGE OF QUARTZITE, QUARTZ, AND SULFIDES IN
COARSE CLASTS FROM TILL, SAKAMI LAKE PROJECT, QUEBEC

| 3 | 4 | 6 | 7 | 8 | 9 | 10 | 11 | . 12 | 13 | 15 | 17
 | 26
 | 27
 | 28
 | 29 | 29A | .32 | 33
 | 34 | 35 |
|-----|--|--|--|--|---|--|---|---|--|---
--
---|---

--
---|--|---|--
---|---|
| 222 | 219 | 212 | 209 | 202 | 205 | 232 | 235 | 240 | 243 | 255 | 249
 | 263
 | 267
 | 271
 | 278 | 275 | 284 | 287
 | 290 | 293 |
| 6.8 | nil | 2.4 | 2.4 | 4.9 | nil | nil | 0.3 | nil | nil | 7.8 | nil
 | nil
 | 1.7
 | 0.9
 | nil | nil | nil | nil
 | nil | 4.4 |
| nil | nil | nil | nil | nil | nil | 16.7 | nil | 2.3 | 0.5 | nil | nil
 | 1.1
 | nil
 | nil
 | 2.1 | nil | nil | 3.3
 | nil | nil |
| nil | 20.5 | nil | nil | nil | 6.7 | nil | nil | nil | nil | nil | nil
 | 1.7
 | 2.5
 | nil
 | nil | 0.3 | nil | nil
 | 4.6 | 2.2 |
| 2.3 | 1.3 | 2.4 | nil | nil | nil | 0.7 | 0.8 | 0.6 | 1.9 | 0.7 | 1.7
 | 1.1
 | nil
 | 2.8
 | 0.5 | 2.2 | nil | 1.6
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 | 1.5 | ni |
| | | 42 | 85 | 103 | 15 | 138 | 373 | 172 | 372 | 147 | 287
 | 355
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 | 211
 | 194 | 907 | 30 | 61
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* About 10% of the rock clast is sulfides.

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SULPHIDES

Sulplide bearing chips show-up in the pure quartzite bedrock cuttings from drill holes SLl and SL3A, and again in the impure quartzite cuttings from hole number SL3.

Clasts from the basal till that carry sulphides showed-up from the lithology counts in holes numbers SL7 and SL8 for pure quartzites, and in number SL10 for impure quartzites. Sulphides are abundant, at 3.9%, in clasts of arkose from hole SL8.

The sulphide pieces from the bedrock and basal till show that the sulphides with quartzites are under the lake, likely within the boundaries shown on the accompanying map for the course of the former river which may have acted as a trap for detrital uraninite.

RADIOACTIVITY, U₃O₈, Th O₂

By Scintillometer

A scintillometer measures a mass effect chiefly as gamma rays from decay products of uranium and thorium, but also other minerals. It requires a target of several inches on a face to give a mass effect response. The size of the untreated drilling chips, in a bag $3\frac{1}{2}$ inches by 6-1/8 inches, were sufficiently large to give a response through the bag. When the samples from Phase 1 were tested with a sciatillometer, four of them gave an "interesting" response over a background of 10 and less counts per second. A definite radioactive response has obtained on bedrock chips from hole number SL 3A. Later, the analysis of this sample show increased levels of U_3O_8 and ThO_2 . A weak radioactive response of between 10 and 30 counts/second was

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obtained on a sample of the finer sizes from basal till in hole Because the position of the drill-hole is near to a number SL3. known source area of uranium, the result was at first considered "exciting". However, further analysis of the sample for U308 and ThO; yielded low values. A moderately high radioactive response to a scintillometer was obtained on bedrock chips from drill-hole SL10. In addition to bedrock, the finer sizes in the basal till from the same drill-hole gave a weak radioactive response. However, on further analysis drill-hole SL10 gave disappointingly low values when measured for U308 and ThO2. The very high percentage of mica, about 70 per cent, in some of the impure quartzite at hole SL10, and likewise in the basal till, at about 17 per cent is, possibly, the explanation for increased radioactivity. Yet this is not the case for the basal till from hole SL3 where the clasts show 7 per cent pure quartzite and no micaceous quartzite. The explanation may lie in radioactivity due to other minerals than U30g and ThO2.

X-Ray Fluorescence

X-ray fluorescence equipment at Sheridan Park laboratories of International Nickel Company had been used earlier for assay work on uranium from the Sakami Project, and the standards had been set-up and were now available for this work. Sample requirements for an assay demands high levels of $U_{3}O_{8}$ (100ppm) and ThO₂ (100ppm) for prospecting purposes, as well as a sample of upwards of 5 grams, that is, enough material to cover the bottom of a cylinder 1½ inches in diameter to a depth upwards of ½ inch. It was considered that these requirements could be met if the mineralization is uraninite, as it

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is in outcrop, and that the uraninite has withstood post depositional leaching. It would be possible to test the bedrock chips where quartzite was encountered but a concentrate by tetrabromethane would be required on the minus 80 mesh fraction of the basal till.

Results on drill-hole SL3 for bedrock chips have a U_3O_8 level at 400 ppm and ThO₂ level at 800 ppm. All other results for the Sakami project are below the detection limit for these elements by X-ray fluorescence. The high thorium to uranium ratio at drill-hole SL3 is due, likely, not to uraninite but to other unknown radioactive minerals, and as it is in the same horizon as the uraninite-bearing outcrop, causes us to consider that leaching of the uranium took place while the more stable thorium salts remained. The postdepositional environment of the bay in Phase 1 is shallow water with a depth of about 2 feet and bottom sediment of soft mud and cargy. Pluorimetry

The samples of basal till and bedrock were re-run by the fluorimetry method to attain a lower level of detection (0.1 ppm) for prospecting purposes. Now knowing that the post-depositional leaching of uranium is likely, we have to consider as of interest those values which in absolute terms are low, but may be high within the grouping of analyses. The U_3O_8 results on the heavy mineral concentrates from the fines of basal till are given in Table 2. A plot by histogram of these results shows that levels of 0.1 ppm to 0.9 ppm can be considered as background. Thus, the anomalcus values for basal till are in drill-holes SL15 (Phase 2 map) at 2.1 ppm; SL27 (Phase 2 map) at 1.2 ppm; SL28 (Phase 2 map) at 1.1 ppm; and in SL35 (Phase 3 map) at 4.0 ppm.

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TABLE 2.

HEAVY MINERAL CONCENTRATES AND THEIR ANALYSES

Drill-	Sample	Ratio		Fluorimetry	X-ray	fluorescence
hole No.	No.	lights:heavies	heavies	U ₃ 0 ₈	U ₃ 08	ThO ₂
SL			qrams	ppm	ppm	ppm
3	221	1:1	6 0 .4	0.2	100	100
4	218	36:1	10.5	0.6	-:100	100
5	216	34:1	8.7	0.8	-100	- 100
6	211	9:1	54.3	0.3	<100	~100
7	208	6:1	16.7	0.5	.100	100
8	201	0.8:1	90.7	0.1	-100	-100
8 9	204	19:1	7.3	0.4	100	100
10	231	19:1	6.1	0.1	:100	100
11	237	25:1	9.2	0.4	100	-100
12	241	25:1	13.5	0.1	. 100	100
14	246	18:1	19.9	0.5	100	100
15	256	31:1	10.4	2.1	100	100
17	250	80:1	4.5	0.6	-100	100
26	264	41:1	7.8	0.2	100	/100
27	266	34:1	11.8	1.2	·100	100
28	270	25:1	11.6	1.1	. 100	100
29	277	39:1	6.2	-	- 100	100
30	279	17:1	8.3	0.5	-100	100
32	283	37.1	7.1	0.8	100	100
33	286	24.1	12.6	0.3	100	100
34	289	8:1	39.5	0.2	100	100
35	292	31:1	11.7	4.0	100	100

The $U_{3}O_{8}$ results on bedrock chips are given in Table 3. From a histogram plot, the background can be considered to be in the range of 0.1 ppm to 0.8 ppm. Thus, the anomalous values are in drill holes SL4 at 1.7 ppm, and in SL 15 (Phase 2 map) at 2.8 ppm.

le •	Fluorimetry U3 ⁰ 8	X-Ray U ₃ 08	Fluorescence ThO ₂
dat - A a a ta and and	ppm	ppm	ppm
0	0.1	-100	<100
7		400	800
0	1.7	<100	<100
7	0.8	<100	∠100
3	0.1	<100	<100
3	0.1	<100	<100
9	0.4	<100	<100
2	0.1	<100	<100
4	0.6	~100	<100
4	2.8	<100	~100
9	1.0	<100 c	<100
•	4	4 2.8	4 2.8 <100

TABLE 3. CONTENT OF U308 AND ThO2 IN BEDROCK

The above results from the fluorimetry method will be seen later to give higher values in the same general area as that outlined by pure quartzite and by sulphides in quartzite.

X-Ray Film Exposure

All of the sulphide clasts from the basal till samples were tested to see if they contained just one or more grains of uraninite. The samples are small, represented by from one to three chips. They were ground to minus 80 mesh and then spread evenly onto squares of unexposed X-ray film for 1½ days of exposure, after which the film was developed. One sample was re-run after being spiked with three known grains of uraninite for test purposes. The results are negative for uraninite except for the test sample. However, in drill hole SL29, a few weak spots showed up on the film, likely representing weakly radioactive minerals such as zircon.

ANOMALOUS AREAS

The objective to find more lenses of quartzite-pebble conglomerate was met in Phase 1 by two of the holes into bedrock, and four of the holes into basal till. The sulphides associated in outrcop with uraninite show up well in two of the holes into bedrock and two of the holes into basal till. Uraninite was not found. However, there is evidence in one hole into bedrock, that the radioactivity is due, not to uraninite which would have a high U 0 :ThO ratio, but to other radioactive minerals giving the low ratio. The interpretation in this report is that post-depositional leaching of the mobile U₃O₈ has taken place leaving more resistant ThO₂ behind. The postulated deep-water environment of the bay did not materialize, and instead the bay was found to be of very shallow water and mud bottom. Analysis by fluorimetry has shown an increased U₃O₈ content in the bedrock chip samples from drill hole SL4.

The above anomalous results for host rock, sulphides, and radioactivity are grouped on the map to outline an area which is considered to represent the interesting zone for mineralization. An exploration model for this deposition is an old river channel passing through arkose terrane in which the quartzite "boulders" in the quartzite-"pebble" conglomerate mark the course and headwaters of the former channel, and the boulders acted as a trap for the detrital heavy minerals of uraninite, pyrite, etc.

RESULTS ON PHASE 2 (See accompanying map, Phase 2)

OBJECTIVES

A quartzite formation, with lenses of quartz-pebble conglomerate, outcrops within a mile of the shore of Sakami Lake. The strike of

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this formation and a general trend of magnetic data in the area of outcrop suggests a likely continuation of this zone to the northeast under Sakami Lake. The continuation of this zone to the lake and under it can be determined by deep-sampling (15 holes). The chips of bedrock will give information on lithology and mineralization at the site. The clasts in the till will give information on lithologies between holes and on mineralization near holes.

RESULTS

The host rock of pure quartzite, which includes quartzite-pebble conglomerate, was encountered in bedrock in drill holes SL11 and SL15. The quartzite was encountered in basal till in drill holes SL11 at 0.3% of the total till clasts; SL15 at 7.8%; SL27 at 1.7% and SL28 at 0.9%. The quartzite in hole SL27 is most significant because some of the chips show contact edges of rounded quartz and quartzite pebbles indicative of quartzite-pebble conglomerate as it would likely appear in subcrop.

Sulphide bearing clasts from the basal till show-up in drill holes SL13, SL15, SL17, SL26, SL27, and SL28. Samples from these holes show the sulphides to be in arkose. In holes SL26 and SL27 the sulphides are also in feldspathic quartzite. None of these sulphidebearing clasts gave radioactive response when exposed to x-ray film.

Fluorimetry results show higher levels in the bedrock at drill hole SL15 at 2.8 ppm U_3O_8 . Background is 0.1 ppm to 0.8 ppm. Increased levels of U_3O_8 are in the heavy mineral concentrates of basal till fines in drill holes: SL15 at 2.1 ppm; SL27 at 1.2 ppm; and SL28 at 1.1 ppm. (background 0.1 ppm to 0.9 ppm).

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The objective to outline the quartzite belt under Sakami Lake has been reached. The grid for drilling was shifted several times during the progress of the job to follow the quartzite. The anomalous results given above for host rock, sulphides, and analysis by fluorimetry are outlined on the accompanying map for Phase 2. A former river course is indicated as the area of interest and "boulders" of quartz and quartzite are strongly indicated by the "pebbles" contacts seen in clasts from SL27, basal till.

RESULTS ON PHASE 3 (See accompanying map, phase 3)

OBJECTIVES

The subcrop extension of the outcropping quartzite is according to one postulation folded to the south. Two deep sample holes (SL29 and SL30) were placed to provide information on the postulated fold to the south.

The favourable quartzite formation strikes northeast across the bay. Its southward extensions are not known. A line of five widely spac d holes were placed to determine the presence or absence of the quartzite formation to the south, and to help limit the area of further follow-up.

RESULTS

The favoured host rock of pure quartzite occurs in clasts of basal till in drill-hole SL35 at 4.4% of total clasts. The quartzite shows outlines of larger rounded "pebbles" and may well represent what is quartzite-pebble conglomerate in subcrop. No other drillholes showed-up pure quartzite. However, micaceous quartzite is in basal till clasts from drill-holes SL29 and SL33, and feldspathic quartzite is in basal till clasts from SL29 and SL34.

Sulphides in arkose occur in basal till clasts from drill-holes SL29 and SL34.

An anomalous value in U_30_8 at 4.0ppm is in heavy minerals from basal till at drill-hole SL35 (background 0.1 ppm to 0.9 ppm).

The postulated fold of quartzite southward into the area of SL29 and SL30 did not materialize. The southward extension of the quartzite from the small bay is shown to be near drill-hole SL35 where there is evidence of quartz-pebble conglomerate in the basal till, as well as considerably increased level of U_30_8 by fluorimetry in heavy minerals from the basal till. The anomalous results, host rock and U_30_4 at drill-hole SL35, permit us to tentatively join-up the course for a former river from near SL35 to the interesting local lies to the east shown by drill-holes SL11, SL15, SL27 and SL28. These connections are shown on the accompanying map, Phase 3.

CONCLUSIONS

LEVEL OF EXPLORATION

The level of exploration for uranium on the Sakami Quebec Project is still in an early phase. A map by M. Atkins shows that pyritic quartzite-pebble conglomerates were found at two localities. The "pebbles" in them are said to be large, and measured in feet. Both localities are said to be strong (?) radioactive to a scintillometer. At least one locality was drilled and the core at depth is said to have assayed about 0.1% U_3O_8 . Some mineralogical work was carried out and the radioactive mineral uraninite was isolated. M. Jost and R. Webster (oral communication) looked at some of the drill core from below the prospect outcrop of quartz-pebble conglomerate at Sakami Lake and noted "pebbles" of quartzite, but not quartz. These pebbles had poor contact outlines.

The overall purpose of the drilling reported on herein was to put some limits on the area of favourable host conditions. This has been done. General limits are shown on the accompanying maps for the northern, easwern, and southern boundaries, and they narrow down considerably the area required for follow-up work.

ARKOSE AND ULTRAMAFIC TERRANE

A large part of the broad peninsula extending from the northern bay to the main part of Sakami Lake is shown by this drilling to be underlain by arkose, which is chiefly fine-grained, but in places is gritty. Scattered pyrite is a frequent constituent. Elsewhere, coarse grained arkose has been considered to be a good criteria for former weathering of a granitic mantle which has given rise to sources of uranium from zircon and monozite. Ultramafic rocks underlie a considerable part of the northern bay and are also in the area of Phase 2 under a portion of Sakami Lake.

QUARTZITE-PEBBLE CONGLOMERATE AND QUARTZITE

Chips from drilling are small and it is difficult to recognize pebbles in them, although sometimes this can be done. It is likely that much of the very pure quartzite encountered in this drilling would be quartzite-pebble conglomerate in subcrop as suggested by hole SL3A just off such an outcrop.

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Distribution

Drill-holes SL1, SL3A and SL4, into bedrock penetrated the very pure quastrite under the northern bay (Phase 1). In the same area drill-holes SL3, SL6, SL7, and SL8 penetrated pure quartrite in basal till.

In the area of Phase 2 which extends out under Sakami Lake, drillholes SL11 and SL15 penetrated pure quartzite in bedrock, and drillholes SL11, SL15, SL27, and SL28 encountered pure quartzite in basal till. At SL28 the pebble outlines show both quartz and quartzite.

In the area of Phase 3 which extends south from the northern bay, drill-hole SL35 intersected pure quartzite in clasts from the basal till. Some "pebble" contacts were observed.

The limits to an area of favourable host rock, the quartzitepebble conglomerate and quartzite, are shown on the accompanying maps.

Micaceous quartzites and feldspathic quartzites are allied rocks encountered in this drilling program. They are considered herein to be products of local washing and winnowing, shoestring sands, and at this level of exploration relatively unimportant.

Character

The pure quartzite and quartzite-pebble conglomerates are commonly pyrite-bearing in the area of the northern bay of Phase 1. Sulphides show in pure quartzite chips from bedrock at holes SL1 and SL3A, as well as in basal till clasts from holes SL7 and SL8. This characteristic bears some resemblance to the conglomerates from Elliott Lake, Ontario, typed by Roscoe (1969, p. 143) as 1 to 3.

Roscoe, S.M. (1969): Huronian rocks and uraniferous conglomerates; G.bl. Surv. Canada, Paper 68-40, 63p.

In other parts of the Sakami area, the drilling showed the sulphides to be chiefly in arkose and to a minor extent in feldspathic quartzite and micaceous quartzite (SL10). X-ray graphs were made from the sulphide bearing pieces ground to minus 80 mesh, but they failed to show any strong radioactivity such as from uraninite or brancerite. Only a few spots of weakly radioactive material showed in basal till clasts from hole SL29, these could be possibly radioactive zircon or monazite.

U_3O_8 Significance

The assay value for bedrock chips from hole SL3A is $U_{3}O_{8}$ at 400 ppm and ThO₂ at 800 ppm (X-ray fluorescence). Assuming for exploration purposes only, that the single sample is representative, then it can be said that this pyrite quartzite, or quartzite-pebble conglomerate, fits Types 1, 2 and 3 for comparison with Elliott Lake of Ontario and Witwatersrand of Republic of South Africa. The ratio of ThO₂: $U_{3}O_{8}$ at 2 to 1 is high and eliminates Roscoe's Type 1.

The available data on weathering of uraninite is conflicting. Roscoe (1969, p. 122) states that there is..."a widespread misconception concerning surface leach of uranium from pyrite conglomerates...." He is"not aware of any evidence of uranium or daughter uranium product leaching, or disequilibrium effects, that could be grossly misleading to exploration work in Huronian rocks." In the same report Roscoe (p. 74) acknowledges that"it is generally considered unlikely that much uraninite survives normal, present-day weathering processes."

In this drilling program we do not deal with outcrop exposure as considered above by Roscoe. The rocks here in subcrop and some have

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been exposed first to deep salt water (Tyrell Sea) and later shallow fresh water washing. The writer suggests that surface leaching of uraninite has taken place. This can be confirmed of the high ratio of $ThO_2:U_3O_8$ in hole SL3A if it changes to a low ratio in the nearby outcrop. Both are of the same horizon. Furthermore, leaching is consistent with the geochemical results attained by fluorimetry. The values of U_3O_8 are all low, in the range of .0.1 ppm to 4 ppm. For exploration interest by geochemistry, the low absolute values must be accepted, and anomalous results need to be considered within this range. When a plot is made of all anomalous values of U_3O_8 they fall within the area limits set-out by the distribution of pure quartzite and quartzite-pebble conglomerate. These anomalous levels are in bedrock in holes SL4, SL15, and SL35. They are in basal till in holes SL11, SL15, SL27, SL28 and SL35.

The conclusion contained herein is that the limits shown on the maps accompanying this report outline the northern, eastern and southern portions of both quartzite host rock and uranium mineralization.

GENERAL RECOMMENDATIONS

- (1) Limits to the areas of favourable host rock and uranium mineralization are open to the southwest from the northern bay. It is recommended that a program be laid-out to further tie-down this area in search of host rock and mineralization, before detailed work is done. In any drilling program a down-hole probe should be considered essential.
- (2) No detailed work has been done between the outcrop near SL1 and the drill-hole to the west near SL35. It is recommended that

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this area be tested for favourable host rock and uranium.

- (3) Experience at Elliott Lake has shown that the size of the boulders ("pebbles") in the conglomerates and the size and composition of the heavy minerals decrease "downstream", while the ore grade increases "up-stream". It is recommended that the texture, composition of the boulders in the conglomerate and the heavy mineral content of the conglomerate be studied to determine the upstream direction.
- (4) Huronian (Precambrian) conglomerates have been classified by Roscoe (1969) into five types and various uranium bodies of the world have been fitted into these types. It is recommended that to take advantage of the literature the conglomerates in outcrop should be classified. This requires a determination of the ratio of $ThO_2:U_3O_8$ and the relative abundance of the different heavy minerals.



LEE GEO-INDICATORS LIMITED

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LOGS OF DRILL HOLES

Quebec, Sakami Lake Area, Sheet 33F2/W

Drill-hole: SLl

Location: Phase 1; 82+00W, 25+50N

0-2' ice 2'-22' Tyrell Sea clay, organic, shells 22'-28' no return, slow penetration, rough vibration, gravel (?) 28'-30' no return, very slow penetration, very rough vibration, gravel (?) 30'-34' minor water return, bedrock (?) 34'-35' bedrock, quartzite with sulphides

Sample No. 229; bedrock, coarse; depth 34'-35' Sample No. 230; bedrock, medium; depth 34'-35'

Drill-hole: SL2

Location: Phase 1; 82+00W, 21+50N

0-2' ice 2'-2½' Tyrell Sea clay, shells 2½'-3' bedrock, talc-tremolite after ultramafic

Sample No. 228; bedrock, coarse; depth 30'-31'

Drill-hole: SL3

Location: Phase 1; 82+00W, 17+50N

0-2' ice 2'-3' clay 3'-3.5' till 3.5'-4.5' bedrock, diabase

Sample No. 221; till, fine; depth 38'-38.5'; weak response to a scintillometer Sample No. 22; till, coarse; depth 37'-38.5' Sample No. 223; bedrock, coarse; depth 38.5'-39.5' Sample No. 224; bedrock, fine; depth 38.5'-39.5'

Drill-hole: SL3A

Location: Phase 1; 82+00W, 19+50N

0-2' ice 2'-10' no return, smooth vibration, sand (?) 10'-12' no return, rough vibration, gravel (?) 12'-1313' bedrock, quartzite with sulphides

Drill-hole: SL4

Location: Phase 1; 82+00W, 13+50N

0-2'	ice				
2.1-331	Tyrell	Sea	clay,	shells,	organic
33'-57'	till				
57'-58'	bedrocl	k, qu	uartzi	te	

Sample No. 218; till, fine; depth 50'-57' Sample No. 219; till, coarse; depth 50'-57' Sample No. 220; bedrock, coarse and fine; depth 57'-58'

Drill-hole: SL5

Location: Phase 1; 82+00W, 9+50N

0-2' ice 2'-31' Tyrell Sea clay, shells 21'-33' till (?), very slow penetration, rough vibration 33'-34' bedrock, impure quartzite, minor fg. sulphides

Sample No. 216' till (?), fine; depth 31'-33' Sample No. 217; bedrock, coarse; depth 33'-34'

Drill-hole: SL6

Location: Phase 1; 92+00W, 3 1+50N

0-2'	ice
2'-40'	Tyrell Sea silt, clay, shells
40'-44'	fine sand
44'-47'	clay, gravel
47'-60'	Tyrell Sea stony marine clay
60'-62'	till
62'-64'	bedrock, ultramafic

Sample No. 211; till, fine; depth 60'-62' Sample No. 212; till, coarse; depth 60'-62' Sample No. 213; bedrock, coarse; depth 62'-64' Sample No. 214' bedrock, fine; depth 62'-64'

Drill-hole: SL7

Location: Phase 1; 92+00W, 17+50N

0-2.2' ice 2.2'-5.5' water 5.5'-22' silt, clay, fine sand 22'-35'' no return, pulled rods from bedrock and obtained a "washeddown" sample of till 35'-37' bedrock, serpentinite

Sample No. 208; till, fine (washed-down); depth 34'-35' Sample No. 209; till, coarse (washed-down); depth 34'-35' Sample No. 210; bedrock, coarse; depth 35'-37'

Drill-hole: SL8

Location: Phase 1; 92+00W, 21+50N

0-2'	ice
2'-2.2'	water
2.2'-20'	soft silt, clay
20'-25'	sand, gravel
25'-31'	till
31'-33'	bedrock, diabase

Sample No. 201; till, fine; depth 25'-31' Sample No. 202; till, coarse; depth 25'-31' Sample No. 203; bedrock, coarse; depth 31'-33'

Drill-hole: SL9

Location: Phase 1; 102+00W, 21+50N

0-2.5'	ice ·
2.5'-4'	water
4'-36'	soft mud
36'-40'	Tyrell Sea clay, silt
40'-58'	Tyrell Sea stony marine clay
58'-62'	till
62'-64'	bedrock, talc-carbonate ultramafic

Sample No. 204; till, fines; depth 58'-62' Sample No. 205' till, coarse; depth 58'-62' Sample No. 206; bedrock, coarse; depth 62'-64' Sample No. 207; bedrock, medium; depth 62'-64'

Drill-hole: SL10

Location: Phase 1; 102+00W, 16 50N

0-2"	ice
2'-20'	Tyrell Sea clay, shells, sand
20'-62'	no return, rough vibration, sand (?) and gravel (?)
62'-66'	till
66'-67'	bedrock, quartzite with micaceous layers

Sample No. 231; till, fine; depth 63'-66'; weak response on a scintillometer

Drill-hole: SL11

Location: Phase 2; 22+00E, 7+80S

0-21	compact s	SNOW				
2' 19'	gravelly	till				
19'-46'	clayey t	i11				
46'-48.'	bedrock,	interlayered	quartzite	and	anthophyllite	

Sample No. 235; till, coarse; depth 2'-19' Sample No. 236; till, coarse; depth 19'-46' Sample No. 237; till, fine; depth 34'-46' Sample No. 238; bedrock, coarse; depth 46'-48' Sample No. 239; bedrock, medium, depth 46'-48'

Drill-hole: SL12

Location: Phase 2; 32+00E, 8+00S

0-4 "	no return, smooth penetration
4'-15'	no return, rough vibration, gravelly sand (?)
15'-16'	clayoy till
16'-18'	no return, slow penetration, rough vibration
18'-34'	clayey till
34'-36'	bedrock, argillaceous meta-sediment

Sample No. 240; till, coarse; depth 25'-34' Sample No. 241; till, fine; depth 25'-28' Sample No. 242; bedrock, coarse; depth 34'-36'

Drill-hole: SL13

Location: Phase 2; 32+00E, 20+00S

0.7'	gravel
7'-28'	Tyrell Sea stony marine clay
28'-42'	till
42'-59'	poor return, steady penetration, sand (?)
59'-63'	very fine sand
63'-65'	bedrock, argillaceous meta-sediment
Sample No.	243; till, coarse; depth 28'-42' 244; bedrock, coarse; depth 63'-65' 245; bedrock medium; depth 62'-65'

Drill-hole: SL14

Location: Phase; 32+00E, 32+23S

0-4' 4'-9'	peat, organic clay		
9'-15'	no return, fast penetration, rough vibration, sand fill?	(?)	and
15'-16'	bedrock, arkose		

Sample No. 246; till (?), fine; depth 14'-15' Sample No. 247; bedrock, coarse; depth 15'-16' Sample No. 248; bedrock, medium; depth 15'-16'

Drill-hole: SL15

Location: Phase 2; 52+00E, 8+00S

0-2'	ice				
2'-3'	water				
3'-12'	clay				
12'-13.5'	till				
13.5'-14'	bedrock,	quartzite,	likely	conglomerate	

Sample No. 253; bedrock, coarse; 13.5'-14' Sample No. 254; bedrock, medium; 13.5'-14' Sample No. 255; till, coarse; 12'-13.2' Sample No. 256; till, fine; 13'-13.2'

Drill-hole: SL16

Location: Phase 2; 52+00E, 23+00S

0-3' peat, organic 3'-5' bedrock, mixed amphibolite and quartzite

Sample No. 252; bedrock, coarse; depth 4'-5'

Drill-hole: SL17

Location: Phase 2; 52+00E, 32+00S

0-13' no return, fast penetration, smooth, organic 00ze (?) 13'-40' Tyrell Sea stony marine clay 40'-76.5' till 76.5'-80' bedrock, argillaceous quartzite

Sample No. 249; till, coarse; 22'-55' Sample No. 250; till, fine; 55'-76.5' Sample No. 251; bedrock, coarse; 76.5'-80'

Drill-hole: SL18 - No hole

Drill-hole: SL19

Location: Phase 2; 76+00E, 20+00S

0-3'	ice
3'-60'	water
60'-68'	Tyrell Sea clay, shells
68'-73'	Tyrell Sea stony marine clay
73'-79'	sand
79-1-81.1	bedrock, meta-arkose

Sample No. 258; bedrock, coarse; depth 79'-81' Sample No. 259; bedrock, medium; depth 79'-81'

Drill-hole: SL20

Location: Phase 2; 76+00E, 8+00S

0-2'	ice
2'-25'	water (?)
25'-28'	bedrock, meta-arkose

Sample No. 257; bedrock, coarse; depth 27'-28'

Drill-hole: SL21

Location: Phase 2; 100+00E, 8+00S

0-3'	ice	
3'~29'	water	
29'-31'	bedrock,	arkose

Sample No. 261; bedrock, coarse; depth 29'-31' Sample No. 262; bedrock, medium; depth 29'-31'

Drill-hole: SL22

Location: Phase 2; 100+00E, 20+00S

0~3' 3'-40' 40'-44' 44'-45' 45'-46'	ice water no return, smooth vibration, mud (?) Tyrell Sea, stony marine clay bedrock, amphibolitized meta-sediment
Sample No.	260; bedrock, coarse; depth 45'-46'
Drill-hole	: SL23 to SL25. No holes
Drill-hole	SL26
Location:	Phase 2: $100+00E$, $4+00N$

0-31 ice 3'-10' water 10'-27' no return, rough vibration, gravel and sand? 27'-36' clay 36'-42' Tyrell Sea stony marine clay 42'-78.8' till 78.8'-79.5' bedrock, andesite Sample No. 263; till, coarse; depth 36'-78.8' Sample No. 264; till, fine; depth 78.6'-78.8' Sample No. 265; bedrock, coarse; depth 78.8'-79.5' Drill-hole: SL27 Location: Phase 2; 76+00E, 2+00S 0-21 ice 2'-40' water 40'-60' Tyrell Sea clay, shells 60'-74' Tyrell Sea stony marine clay 74'-75.2' till 75.2'-76' bedrock, arkose. Sample No. 266; till, fine; depth 75'-75.2' Sample No. 267; till, coarse; depth 60'-75.2' Sample No. 268; bedrock, coarse; depth 75.2'-76' Sample No. 269; bedrock, medium; depth 75.2'-76' Drill-hole: SL28 Location: Phase 2; 64+00E, 8+03S 0-2' ice 2'-40' water, clay 40'-46' Tyrell Sea clay, shells 46'-53' t:111 53'-54' bedrock, arkose with sulphides Sample No.270; till, fine; depth 52.6'-53' Sample No. 271; till, coarse; depth 46'-53' Sample No. 272; bedrock, coarse; depth 53'-54' Sample No. 273; bedrock, medium; depth 53'-54' Drill-hole: SL29 Location: Phase 3; 22+00E, 66+00S 0-20' till 20'-39' no return 39'-42' clay compacted yellow sand, interglacial (?) 42'-60' 6.0'-67' no return, smooth penetration, sand (?)

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67'-74' no return, good penetration, rough vibration, sand and gravel (?) 74'-79' clay 79'-123' clay, very compacted, pre-consolidated clay (?) 123'-126' stony till 126'-129.6' till 129.6'-131' bedrock, paragneiss

Sample No. 274; till, fine; depth 129.4'-129.6' Sample No. 275; till, coarse; depth 126'-129.6' Sample No. 276; bedrock, coarse; depth 129.6'-131' Sample No. 277; till, fine; depth 19'-20' Sample No. 278; till, coarse; depth 0-20'

Drill-hole: SL30

Location: Phase 3; 22+00E, 54+00S

0-21'	no return, smooth vibration, sand (?)
21'-25'	no return, slow penetration, rough vibration, gravel (?)
25'-38'	gravel
38'-39'	till (?)
39'-40'	bedrock, arkose

Sample No. 279; till (?), fine; depth 38'-38.5' Sample No. 280; bedrock, coarse; depth 38.5'-40'

Drill-hole: SL31

Location: Phase 3; 93+00W, 124+50S

0-12'	peat, organic
12'-13'	clay
13'-15'	stony clay
15'-16'	bedrock, metamorphic rock with pyrite

Sample No. 281; bedrock, coarse; depth 13'-16' Sample No. 282; bedrock, medium; depth 13'-16'

Drill-hole: SL32

Location: Phase 3; 100+00W, 93+50S

0-15'	peat, organic
15'-22'	stony clay
22'-34'	no return, sand (?)
34'-40'	till
40'-43'	bedrock, arkose

Sample No. 283; till, fine; depth 34'-40' Sample No. 284; till, coarse; depth 34'-40' (1

Location: Phase 3; 100+00W, 63+00S

0-20'	peat, organic
20'-21' 21'-28'	no return, sand (?) interlayered stony clay and sand
28'-35' 35'-38.5' 38.5'-45' 45'-48' 48'-49.3'	no return, rough vibration, gravel and sand (?) no return, smooth vibration, sand (?) no return, sand and gravel (?) stony clay
49.5 -52	bedrock, arkose
Sample No.	286; till, fine; depth 49'-49.3' 287; till, coarse; depth 48'-49.3' 288; bedrock, coarse; depth 49.3'-52'
Drill-hole	: SL34
Location:	Phase 3; 100+00W, 34+00S

0-7'	peat, organic
7'-15'	clay
15'-20'	no return, sand (?)
20'-24'	no return, sand (?)
20'-24'	clay .
24'-27'	till
27'-28'	bedrock, diabase

Sample No. 289; till, fine; depth 24.4'-27' Sample No. 290; till, coarse; depth 24'-27' Sample No. 291; bedrock, coarse; depth 27'-28'

Drill-hole: SL35

Location: Phase 3; 100+00W, 6+00S

0.5	peat, organic
5'-13'	stony clay
13'-15.6'	till
15.6'-16'	bedrock, arkose

Sample No. 292; till, fine; depth 15.5'-15.6' Sample No. 293; till, coarse; depth 13'-15.6' Sample No. 294; bedrock, coarse; depth 15.6'-16'

PETROGRAPHIC DESCRIPTION OF BEDROCK

Quebec, Sakami Lake Area, Sheet 33F2W

Drill hole: SLL. Sample No. 229

Location: Phase 1, 82+00W, 25+50N

Classification: Quartzite with sulfides consisting of subangular to rounded quartz (95%), chlorite-biotite (3%), feldsparamphibole-carbonate (1%), and sulfides of pyrite and pyrrhotite (1%).

Drill hole: SL2. Sample No. 228

Location: Phase 1, 82+00W, 21+50N

Classification: Talc-tremolite rock after ultramafic consisting of talc (60%), fibrous radiating tremolite (25%) and black magnetic oxides (15%).

Drill hole: SL3. Sample No. 223

Location: Phase 1, 82+00W, 17+50N

Classification: Diabase consisting of pyroxene (45%), altered feldspar (50%), and black opaques (5%). The rock has a diabasic texture.

Drill hole: SL3A. Sample No. 226

Location: Phase 1, 82+00W, 19+50N

Classification: Quartzite with sulfides consisting of subangular to rounded quartz (85%), mica-chlorite (8%), pyrite (5%), and feldspar (2%). An occasional fg black opaque mineral is present, possibly uraninite. A soil envelope filled with rock chips gives a definite radioactive response on a scintillometer.

Drill hole: SL4. Sample No. 220

Location: Phase 1, 82+00W, 13+50N

Classification: Quartzite consisting of subangular to rounded quartz (95%) and biotite (5%). One grain of serpentine is present.

Drill hole: SL5. Sample No. 217

Location: Phase 1, 82+00W, 9+50N

Classification: Impure quartzite consisting of subangular to rounded quartz (55%), biotite (30%), feldspar (10%), and hornblende (5%). The rock contains minor amounts of fg sulfides.

Drill hole: SL6. Sample No. 213

Location: Phase 1, 92+00W, 13+50N

Classification: Probably after ultramafic and near sheared contact consisting of fibrous white anthophyllite-chlorite (70%), biotite (20%), and Magnetite (10%). The rock is sheared.

Drill hole: SL7. Sample No. 210

Location: Phase 1, 92+00W, 17+50N

Classification: Serpentinite consisting of talc-serpentine (97%), and black iron oxides (3%). The rock is cut by small veinlets of quartz.

Drill hole: SL8. Sample No. 203

Location: Phase 1, 92+00W, 21+50N

Classification: Diabase consisting of feldspar (58%), pyroxene (40%), and black oxides (2%). The rock has a diabasic texture.

Drill hole: SL9. Sample No. 206

Location: Phase 1, 102+00W, 21+50N

Classification: Talc-carbonate rock probably after ultramafic consisting of talc-calcite (80%), highly altered pseudomorphs after olivine (10%), and fg magnetite (10%).

Drill hole: SL10. Sample No. 233

Location: Phase 1, 102+00W, 16+50N

Classification: Interlayered quartzite with micaceous rock consisting of brown and green mica (70) and subangular to subrounded quartz (30%). A radioactive response of 40 counts per second on a scintillometer was at first thought to be due to radioactivity in the sample, but is now considered as high background. Drill hole: SLIL. Sample No. 238.

Location: Phase 2, 22+00E, 7+80S

Classification: Interlayered quartzite and anthophyllite. The quartzite layers consists of subangular to subrounded quartz (98%) and sulfides (2%). The anthophyllite is in long prismatic silicate grains.

Daill hole: SL12. Sample No. 242

Location: Phase 2, 32+00E, 8+00S

Classification: Argillaceous metasediment consisting of fg amphibole %50%), fg subangular to subrounded quartz-feldspar (40%), chlorite-biotite (8%), and pyrite (2%).

Drill hole: SL13. Sample No. 244

Location: Phase 2, 32+00E, 20+00S

Classification: Argillaceous metasediment (impure quartzite) consisting of gritty subangular quartz (30%), and vfg argillaceous material (70%). The argillaceous material is composed of muscovite (40%), hornblende-chlorite-biotite (10%), and feldspar (10%).

Drill hole: SL14. Sample No. 247

Location: Phase 2, 32+00E, 32+23S

Classification: Arkose consisting of feldspar (50%), amphibole (40%), and quartz (10%). Chip sample identification only.

Drill hole: SL15. Sample No. 253

Location: Phase 2, 52+00E, 8+00S

Classification: Quartzite, possibly conglomerate, consisting of subrounded quartz (100%). Some of the quartz grains are large and may be quartzite pebbles.

Drill hole: SL16. Sample No. 252

Classification: Mixed amphibolite and quartzite consisting of areas of all amphibole to areas of amphibole (2003), quartz (40%), and biotite (5%).

Drill hole: SL17. Sample No. 251

Location: Phase 2, 52+00E, 32+00S

Classification: Argillaceous quartzite consisting of subangular to subrounded quartz (55 to 80%), fg muscovite (5 to 30%), biotite (2%), feldspar (5%), and sulfides (8%). The rock is strongly foliated.

No drill hole SL18

Drill hole: SL19. Sample No. 258

Location: Phase 2, 76+00E, 20+00S

Classification: Meta-arkose consisting of subangular to subrounded feldspar (50%), subrounded quartz (35%), biotite (14%), and hornblende (1%). The rock carries an occasional garnet.

Drill hole: SL20. Sample No. 257

Location: Phase 2, 76+00E, 8+00S

Classification: Meta-arkose consisting of subangular to subrounded feldspar (60%), subangular to subrounded guartz (20%), biotite (15%), and black oxides (5%). The rock carries an occasional garnet and pyrite.

Drill hole: SL21. Sample No. 261

Location: Phase 2, 100+00E, 8+00S

Classification: Arkose consisting of gritty subangular to subrounded quartz (30%), feldspar (54%), muscovite-phlogopite (15%) and pyrite (1%).

Drill hole: SL22. Sample No. 260

Location: Phase 2, 100+00E, 20+00S

Classification: Amphibolitized meta-sediment consisting of subrounded feldspar (40%), fibrous amphibole (30%), quartz (20%), muscovite-phlogopite (8%), and pyrite (2%).

Drill hole: SL26. Sample No. 265

Location: Phase 2, 100+00E, 4+00N

Classification: Andesite consisting of feldspar (55%), fg mica (30%), pyroxene (5%), epidote (5%), and chlorite (5%).

Drill hole: SL27. Sample No. 268

Location: Phase 2, 76+00E, 2+00S

Classification: Arkose consisting of subrounded feldspar (50%), subrounded quartz (35%), biotite (10%), and epidote (5%).

Deill hole: SL28. Sample No. 272

Location: Phase 2, 64+00E, 8+035

Classification: Arkose with sulfides consisting of subangular to subrounded feldspar (40%), coarse quartz grit (5%), fg subangular to subrounded quartz (30%), biotite-phlogopite (20%), and pyrrhotite-pyrite (5%).

Drill hole: SL29. Sample No. 276

Location: Phase 3, 22+00E, 66+00S

Classification: Paragneiss consisting of fresh feldspar (77%), pyroxene (20%), epidote (2%), and quartz (1%). The rock carries an occasional garnet. It is strongly foliated.

Drill hole: SL30. Sample No. 280

Location: Phase 3, 22+00E, 54+00S

Classification: Arkose consisting of fg subangular to subrounded feldspar (50%), fg subrounded quartz (30%), and fg biotite (20%). The rock carries an occasional grain of pyrite.

Drill hole: SL31. Sample No. 281

Location: Phase 3, 93+00W, 124+50S

Classification: Metamorphic rock consisting of contact between feldspathic intrusive rock and a rock composed of actinolitetremolite with feldspar and pyrite (5%).

Drill hole: SL32. Sample No. 285

Location: Phase 3, 100+00W, 93+50S

Classification: Arkose consisting of gritty quartz (5%) in fg matrix of subangular feldspar (45%), subangular quartz (40%), and biotite (10%).

Drile hole: SL33. Sample No. 288

Location: Phase 3, 100+00W, 63+00S

Classification: Arkose consisting of coarse grit of sebangular quartz and feldspar (15%) in a fg matric of quartz (48%), feldspar (25%), biotite (10%), and hornblende (2%). Drill hole: SL34. Sample No. 291

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Location: Phase 3, 100+00W, 34+00S

Classification: Diabase consisting of feldspar and pyroxene. The rock has a diabasic texture.

Drill hole: SL35. Sample No. 294

Location: Phase 3, 100+00W, 6+00S

Classification: Arkose consisting of gritty subangular quartz (20%), coarse sericitic feldspar (10%), fg quartz-feldspar (63%), biotite (5%), magnetite (1%), and pyrite (1%).

DRILLING EQUIPMENT USED ON SAKAMI QUEBEC PROJECT

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Bradley Bros. Limited supplied the drilling equipment for bedrock and basal till sampling on the Sakami Quebec Project. The drill is a Longyear E 21928 rotary drill mounted on a boxed-in Nodwell carrier. The combined unit of drill and carrier weighs approximately 20 tons. Circulation for drilling and return of cuttings to the surface is by water forced down the outside of an inner tube, then directed by specially designed tricone bits to flush-out the cuttings and return them up a centre tube. The objective is to obtain continuous overburden samples, with a minimum of in-wash or caving from the sides of the hole, and the completion of a hole with a single run of the rods.

The weight of the machine requires 26 inches of blue ice for insurance purposes, but where no hazard is involved it will operate on about 20 inches of blue ice. The operation of the equipment on the Sakami project was at temperatures of 40 to 50 degrees below zero fahrenheit and on windy lakes and swamps. The floor and walls of the box above the catrier were built in with plywood and about one-third of the roof was blocked-off. A space heater of the type used in construction for drying plaster supplied heat to the interior of the box and used about 30 pounds of propane per day. The Nodwell carrier is diesel-powered and the diesel was left idling when not in use. Difficulties with engine performance, including water pumps and water tanks were minimal during the job. Working inside the boxed-in machine were: A driller and his helper; and three samplers, the writer, Robin Webster of Canadian Nickel Company, Copper Cliff and Manfred Jost of International Nickel, Thempson. Mr. Webster and Dr. Jost were algo

acting in the capacity of observers

Drill running time was from 10 to 90 minutes per hole, for an average of 38 minutes. The remainder of the time used up under contract was for mobilization to and from the campsite, between holes, settingup and breaking down the drill tower; and on land occasionally waiting for water delivery by the water tank vehicle.

Recovery of the samples was good in ice, clay, peat, silt, very compact sand, stony marine clay, and till. It was poor in water, pervious gravel, and pervious sand. Recovery could be improved in gravel and sand by using a mixture of compressed air with the water. During the 38 minutes of drill running time per hole, the samplers took approximately 30 samples, observed geotechnical properties from drilling, identified materials and sampling environments, and rejected all but three samples which represent the favourable prospecting environments. A sampling set placed under the return circulation from the drill, consists of two screens and a bucket. The screens used by the samplers were supplied by H.A. Lee. They are stainless steel, 17 inches in diameter and have openings respectively of 1/4 inch (approximately 6 mm.) and 2 mm. The collecting buckets used were of pliable plastic and worked well. Hard plastic buckets, supplied for the job, split easily under the extreme dry-cold operating conditions. Wet suits and rubber gloves were worn during the sampling. Hard hats are recommended for both samplers and drillers. Extra insulation over the sampler's elbows is needed because of the high activity of sampling under the very cold operating conditions.

The geotechnical properties required for sample and environment identification include: (1) The rates of penetration of the drill and

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rods. A freer fall exists for water and soft mud; a slow <u>pretration</u> is in stony marifier clay and till; and very slow penetration is in bedrock. (2) The vibration of the drill is low in pervious sand, clay, ice, and peat. It is moderately rough in till and bedrock, and it is quite rough in gravels, boulders in till, and at the first penetration of bedrock.

Drilling was carried out from noon on March 1st, 1973 to late afternoon of March 8th for a total of 7½ days. During this time, a footage of 1,498 feet was penetrated. Of this 43.9 feet was bedrock, 280 feet was ice and water, and the remainder of 1,218 feet was unconsolidated materials. A total of 33 holes were drilled for an average of 4.4 holes per day.

Most of the holes were drilled from an ice platform in water depths of 1 to 60 feet. No casing was used in any of the holes, however, at the greatest depth of 60 feet only partial drive could be placed on the rods. Mobility of the drill on the job is about 4 mills per hour. . Spruce and jacopine vegetation up to 6 inches in diameter presented no obstacle to trafficability. The trees were "freeze-dried" and snapped off at their base. During drilling-moves the box on the carrier was laft in place, but the drill tower was lowered. Because the box projects to one side of the carrier, a "pathway" was cleared for it by the smaller Nodwell carrier with water-tank.

The drilling crew worked hard, showed humour and ingenuity on the job and were responsive to changes recommended by the samplers.

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SAKAMI PROJECT

PERMIT AREAS - 547 - 553 INCLUSIVE

REPORT FOR 1973

Ministère des Richesses Naturelles, Québec		
SERVICE DE LA		
DOCUMENTATION TECHNIQUE		
Date: 22 MAI 1974		
No GM: 29772		

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33F-2W	3 3F- 9E
33F-3E	33F-9W
33F-7E	33F-10E
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Appendix C Copy of report by H. A. Lee of Lee Geo-Indicators Limited

Copy of report by D. S. Robertson and Associates

Sakami Project

Permit Areas 547 - 553 Inclusive

Professional Personnel

Staff Personnel	Degree	University	Title
C. O. Pritchard J. A. Sauerbrei B. R. Krause	BSC MSC MA	Queen's Queen's Toronto	Manager, North America Supervising Staff Geologist Exploration Geophysics Manager
Project Manager			
H. F. Stewart	BSC	Manitoba	Exploration Operations Manager, North America
Project Supervisor			
W. M. Atkins	BSC	McGill	Area Geologist
Field Geologists			
B. Aaquist D. Goodale E. Debicki R. Jamieson B. Yuriy	BSC BSC BSC BSC BSC	Alberta McMaster McMaster New Brunswick Brandon	Geologist Geologist Geologist Geologist Geologist
Field Geophysicist			
J. S. Johnson	MSC	Dalhousie	Geophysicist

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Introduction

A joint venture agreement was established in July 1972, between the James Bay Development Corporation and the Canadian Nickel Company. This agreement continued during 1973, and covered exploration within seven permit areas 547 to 553 inclusive. In 1972, the total permit area comprised 934 square miles; this area was reduced to 217 square miles in July 1973.

Field operations commenced January 3, and continued to April 14th. Following spring break-up the summer field program got underway June 1 and ran to September 9. From the Sakami field base a program of electromagnetic, magnetic and induced polarization geophysical surveys, geologic mapping, diamond drilling and basal till - bedrock sampling was undertaken.

Exploration Program

Base Metal Exploration

For base metal mineral exploration a rapid, regional ground geophysical and geologic investigation was undertaken initially, to establish the significance of airborne electromagnetic responses located in the areas covered by Sakami Lake, or underlain by projected sediments. Following the reduction of the size of the permit area to 217 square miles emphasis was placed on regional and detailed geologic mapping, as well as ground electromagnetic, magnetic geophysical surveys over airborne electromagnetic responses in areas of projected volcanic rocks. Diamond drilling of interesting, but unexplained, electromagnetic conductors was accomplished by two Winkie drills operated by Canico personnel during the summer months, and by one B.B.S.I. drill unit under contract with Inspiration Drilling during the winter field season.

Detailed reconnaissance geologic mapping was completed in the northern portion of the Sakami Lake area. The mapping program was designed to provide additional data for the continuing evaluation of the base metal potential in this area; as well as to determine the probability of the uraniferous quartz pebble conglomerates of zone 1 to 4 extending to, or reoccurring in, the northern section of Sakami Lake.

Uranium Exploration Zones 1 - 4; Permits 547 - 548

Uranium exploration continued in the Sakami zones 1 to 4 area, of permits 547 - 548, where previous seasons exploration had located subeconomic uranium values in quartz pebble conglomerates. To define the extent of the quartzites and locate possible additional uraniferous quartz pebble conglomerate bands in areas of deep overburden, a programme of basal till - bedrock sampling was undertaken east, west and south of the main occurrence in zone 1 and 2. This drilling was accomplished with a continuous circulation sampling unit under contract with Bradley Drilling. Because of the relatively high pyrite content in the quartz pebble conglomerates, an induced polarization survey was completed in zone 3 and 4 in an attempt to locate possible additional interesting uranium bearing horizons. Further electromagnetic and magnetic ground surveys were completed in zones 1 - 4 to provide interpretative data.

Sectional diamond drilling was undertaken along the five mile strike length of the conglomerate close to the quartzite - "basement" contact. In zone 3 and 4 three induced polarization anomalies were drilled, and an attempt was made to drill across one section. The diamond drilling was accomplished with two B.B.S. units under contract, with Inspiration Drilling and one Canico Winkie unit.

General

A total of 14,713 feet of diamond drilling was completed to September 9. This included 1,249 feet of drilling by Canico Winkie in 10 holes and 13,464 feet by Inspiration Drilling B.B.S. machines in 25 holes. Some 1,498 feet of basal till bedrock sampling was completed in 33 holes by Bradley Drilling.

As of September 9, a total of 3,315 man days had been spent by Canico personnel on the ground follow-up phase of the programme.

Exploration Results

Maps at a scale of 1 inch to 1/2 mile are presented in Appendix B. These show the compilation of airborne electromagnetic and magnetic responses, geophysical ground investigation, geologic mapping and borehole locations. In the zone 1 to 4 area 1 inch to 200 foot scale maps of electromagnetic, magnetic, and induced polarization survey results, as well as geologic mapping, diamond drill surface projections and basal till bedrock sampling results are submitted.

Appendix C contains geologic reports covering Sakami Zones 1 to 4 by consultants H. A. Lee of Lee Geo-Indicators and D. S. Robertson of D. S. Robertson and Associates. Borehole logs for all diamond drilling are presented in Appendix A.

Base Metal Exploration

Ground Investigation of Airborne Responses

The ground electromagnetic, magnetic, geologic grid mapping and conductor sampling program covered some 177 airborne electromagnetic responses during the 1973 field seasons. With few exceptions the electromagnetic anomalous zones located in lake covered areas have been interpreted as representing conductive clays and/or shear zones with local magnetic sands. Those conductors associated with bedrock features were found to be associated with iron formation and graphite in sediments and/or sediments with intermediate to basic volcanic flow rocks. Results are summarized in Table I.

Diamond Drilling

A total of 4,870 feet in nineteen holes was drilled on electromagnetic targets to test for economic sulphide mineralization. Drilling results are listed in Table II. Of the nineteen holes, four were abandoned in overburden, and six were drilled in conductive overburden anomalous zones. Borehole 55304, Permit 550, intersected several narrow zones of zinc lead mineralization in sediments.

The remaining seven holes were drilled on conductors in areas of projected volcanic rocks. No significant occurrences of economic sulphide mineralization were intersected. Sulphide facies iron formation, pyrite and pyrrhotite, were intersected in all seven holes. The sulphides occur in graphitic sediments locally interbanded with intermediate volcanics.

Regional Reconnaissance Mapping

The detailed reconnaissance geologic mapping in the northern portion of Sakami Lake and in the conductive areas of permits 550 and 551 was completed. Essentially, mapping indicates that the intermediate to basic volcanics which occur along the west side of Sakami Lake are overlain to the east by a narrow zone of exhalative sulphide and oxide facies iron formation. The exhalatives are intercalated with poorly sorted, locally graphitic sediments interbanded with intermediate to acid crystal tuffs and basic to intermediate volcanics. Overlying the exhalative zone is a thick sequence of biotite arkoses and quartzites which grade to the east into clean or biotite free interbanded arkose and quartzite. The clean quartzite and arkose is localized along a north-south trending zone in the area of the zinc mineralization intersected during the 1973 winter program in borehole 55304, anomaly 33F-7W number 82 permit 550. The mapping results also indicate that the quartz pebble conglomerates of Zone 1 to 4 do not extend to, or reoccur in the north Sakami Area.

Uranium Exploration Zones 1-4 Permits 547-548

Induced Polarization Survey Zones 3 & 4

The induced polarization survey over zones 3 and 4 indicated 15 anomalies. Diamond drilling has explained or partially explained five of these anomalies. Three of the drilled anomalies are due to pyrite in quartz pebble conglomerate, two are over pyrite in sediments and volcanics. Interpretation of data indicates three of the remaining ten anomalies are related to bedrock topography changes, while one is closely associated with a magnetic trend. Table III summarizes the survey results.

Electromagnetic and Magnetic Ground Survey

For interpretation of structures as well as induced polarization survey data the electromagnetic and magnetic survey initiated in 1972 were completed. Several zones of ultramafic and iron formation were outlined.

Diamond Drilling

The zone 1-4 area was tested with three Winkie and thirteen B.B.S. holes for a total of 9,843 feet. Table IV summarizes the drill production with borehole locations.

In zone 3 and 4, drilling on 3,200 foot sections was designed to test the known horizon of uraniferous quartz pebble conglomerate at the 300 foot level. An attempt was made to drill across section from north to south on section 6000 west with three diamond drill holes, however, all three holes were abandoned in overburden. Three diamond drill holes were drilled into induced polarization anomalies.

Resulting of the drilling in six boreholes in zone 3 and 4 were not encouraging, with only narrow low grade intersections of uranium encountered in quartz pebble conglomerates or, as in one case, graywacke. The induced polarization highs were found to be associated with pyrite, and in one case magnetite, in sedimentary and volcanic rocks.

In zone 1 and 2, sectional drilling at 1,600 foot intervals in the central portion and 3,200 foot intervals at the eastern end was designed to test the projected extension of uraniferous quartz pebble conglomerates east and west of the main uranium occurrence centered at 4,000 west at 300 foot level. Several narrow intersections of uraniferous conglomerate were cored in borehole 55322 on section 2400 west. Values ranged from 0.05 to 0.20 U_2O_8 . Only minor radioactive mineralization was located in the other three diamond drill holes.

Basal Till-Bedrock Sampling

The basal till-bedrock sampling survey was conducted to the immediate east and west of the main zone 1-2 occurrence, as well as to the south of this zone in permit 548. Bedrock and basal till were sampled where possible in all holes. Some 1,498 feet of drilling in 33 holes was completed.

Results indicate that the quartzite, uraniferous quartz pebble conglomerate-ultramafic zone does not extend appreciably beyond the 1972 interpreted limits, and that the area to the south of this zone consists mainly of arkose. Table V summarizes the results.

Future Program

With portions of the zone 1-2 uranium occurrence still untested, further diamond drilling will be required to assess the economic potential of this area.

The untested magnetic, electromagnetic responses as well as the zinc mineralization on anomaly 33F-7E number 82, permit 550, in North Sakami Lake will be diamond drilled to obtain further information in the assessment of the present area.

Table I

Summary of Ground Geophysical, Geological A.E.M. Anomaly Investigation

Response	Geophysical Results	Remarks		
Permit 547 N.T.S. 33F-2W				
48	Weak conductor, flat magnetics	Drilling not recommended. (D.N.R.) possible lake bottom or shear.		
49	Weak conductor, flat mag.	DNR, poss. lake bottom or shear.		
50	Not located.	No further work (NFW)		
56	Two conductors located, one strong conductor with mag. assoc., one weak conductor with flat mag.	NFW; MVW py, po; banded magnetite I.F. arkose and cherty quartzite.		
60	Weak conductor, flat mag.	DNR, poss. lake bottom.		
62 & 53	Four medium conductors, some mag. assoc.	Drilled - Boreholes 55311, 55312		
65	Same conductor as 33F-3E, 44 & 45	N.F.W.		
67	Three strong magnetic conductors	Drilled - BH 55314		
69	Two med strong conductors local mag. assoc.	Drilled BH 55315, south conductor		
63	Medstrong conductor, flat mag.	Drilled BH 55313		

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Table I (Cont'd)

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Response	Geophysical Results	Remarks		
Permit 547	N.T.S. 33F-3E			
28	Three weak conductors, broad mag. zone.	Poss. drill		
29 & 42	Two medium conductors in broad erratic, mag. zone, low freq. E.M. eliminated strong conductor.	N.F.W., shear type conductor		
28 W.	Three weak-medium conductors, broad erratic mag., similar to 28. North conductor (poorest) eliminated with low freq. E.M.	N.F.W. shear type conductor		
36	Short weak conductor; sporatic high magnetics	N.F.W.; M; aresenopyrite, magnetite isolated patches in orthoamphibolite.		
38 & 43	Weak conductor, flat magnetics	N.F.S.; area of paragneiss and granite		
4 <u>1</u>	Two weak-medium conductors, mag. assoc. broad	Of further interest (O.F.I.) poss. drill		
44 & 45	Weak disjoined conductor, local weak magnetic build up	N.F.W. area of granite with metamorphosed sediment enclaves		
Feeder Dyke	Highly magnetic, no conductivity located	O.F.I. low, area of projected ultramafics		
51	Not located	N.F.W.		
Permit 548 N.T.S. 33F-2W				
l A	Not located	No further interest (N.F.I.)		
6	Not located	N.F.W.		
13	Three weak-medium conductors, flat mag.	D.N.R. poss. lake bottom or shear		
17	Weak-medium conductor, weak mag.	N.F.W. poss. shear		
11	Weak conductor, flat mag.	D.N.R., poss. lake bottom		

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Table I (Cont'd)

Response	Geophysical Results	Remarks
14	Medium conductor, weak mag. build up	N.F.W., poss. lake bottom
15 & 16	Med. conductor, sporatic mag. assoc.	D.N.R. lake bottom conductor
18	Not located	N.F.W.
27	Wk. conductor, flat mag.	D.N.R. poss. lake bottom
30	Three wkmedium conductors, flat mag.	D.N.R., poss. shear or lake bottom
34	Not located	N.F.W.
36	Not located	N.F.W.
45	Wk. non-mag. conductor	D.N.R., poss. lake bottom
46	Three wkmedium conductors, flat mag.	D.N.R., poss. lake bottom
47 S	Wk. conductive zone, flat mag.	D.N.R., poss. lake bottom
47	Not located	N.F.W.
59 E	Four strong conductors, one wkmed. conductors, poss. extension Anom. 20 and 21.	
59 W	Not located	N.F.W.
68	Wkmed. conductor partial mag. build up	D.N.R. area of sediments
68 & 40	Wk. conductor, flat mag.	D.N.R. poss. lake bottom
70	Two short, strong conductors, mag. assoc.	N.F.W.; MVW-MW py, graphite magnetite in highly metamorphosed arkose, graywacke, amphibolite
71	Not located	N.F.W.
72	Med. conductor, flat mag.	D.N.R. poss. shear

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Table I (Cont'd)

Response	Geophysical Results	Remarks
Permit 548	N.T.S. 33F-2W	
78	Short med. conductor, mag. assoc.	N.F.W. MVW, py graphite in arkose
75	Two wk. med. conductors, flat mag.	D.N.R., poss. lake bottom
77	Not located	N.F.W.
78 E	Not located	N.F.W.
79 & 80	Two conductors located. One strong mag. conductor, one wk. conductor, flat mag.	
84 W & E	Sakami Detail	N.F.W., poss. lake bottom
87	Not located	N.F.W.
88	Med. conductor, 800 ft., mag. assoc.	N.F.W., graphite in arkose
91	Not located	N.F.W.
Permit 548	N.T.S. 33D-2E	
11	Med. conductor, wk. mag. 300 cycle E.M.indicates conductor valid	Poss. drill
Permit 548	N.T.S. 33F-3E	
13	Not located	N.F.I.
Permit 548	N.T.S. 33F-7W	
8	Four wk. conductors, flat mag.	D.N.R. poss. lake bottom
Permit 548	N.T.S. 33F-7W	
16	Three med. strong magnetic conductors	N.F.W. banded magnetite I.F. in arkose; basic volcanics
21	Wk. med. conductor, flat mag.	D.N.R.; lake bottom

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Table I (Cont'd)

Response	Geophysical Results	Remarks			
Permit 548	N.T.S. <u>33F-7W</u>				
24 & 25	Two conductors, one wk., one med. flat mag.	D.N.R., lake bottom and shear.			
30 & 31	Two med. to strong conductors; one with local magnetic association	N.F.W.; MVVW po; graphite in arkose, graywacke, basic volcanic			
32	Strong conductor, flat mag.	D.N.R., poss. lake bottom and shear.			
39	Medstrong magnetic conductor	N.F.W., banded magnetite I.F., in quartzite, arkose, basic volcanics			
43	Short weak to med. conductor flat mag.	N.F.W., graphite & pyrite			
34	Wk. conductor, flat mag.	D.N.R., lake bottom			
Permit 549	N.T.S. 33F-7E				
ll & 78	Strong conductor, flat mag.	N.F.W., MW., py, graphite disseminated magnetite, arkose			
49	Medstrong conductor wk., broad mag.	D.N.R., poss. shear			
51	Wk. conductor, flat mag.	D.N.R., poss. lake bottom			
54	Strong conductor, broad wk. mag.	D.N.R., lake bottom conductor			
63	Wkmed. conductor, flat mag.	0.F.I. (low)			
36	Strong med. conductor, flat mag.	D.N.R., poss. shear and lake bottom			
74	Two wk. conductors, flat mag.	D.N.R., poss. lake bottom			
77	Four wkmed. conductors, flat mag.	D.N.R., poss. lake bottom			
89	Two strong conductors; one locally mag., one weak conductor, flat mag.	N.F.W., on strike with 33F- 7E-56 (MVW-MW py po; magnetite, graphite) in area of andesite.			

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Table I (Cont'd)

Response	Geophysical Results	Remarks
Permit 549	N.T.S. <u>33</u> F-7W	
3	Three strong, one weak, locally highly mag. conductors	N.F.W., MVVW py; graphite banded magnetite I.F., arkose, argillite minor basic volcanics
Permit 550	N.T.S. 33F-7E	
8	Two strong conductors, one conductor with mag. assoc.	N.F.W., 2 conductors; east conductor graphite & magnetite; arkose, graywacke, siliceous sediments, west conductor - drilled BH 55333
14,15,18	Three med. conductors, one with wk. mag. assoc.	Drilled BH 55308
16	Two wkmed. conductors, flat mag.	D.N.R., poss. lake bottom or shear
17 & 19	Two wk. and one med. conductors with broad wk. mag.	D.N.R., poss. lake bottom or shear.
19	Two med. conductors, flat mag.	D.N.R., poss. lake bottom
20	Two medstrong conductors, erratic mag. anomalies	N.F.W., poss. lake bottom
21 & 22	Five short med. conductors, flat mag.	D.N.R., poss. lake bottom
23	Not located	N.F.W.
24	Broad wkmed. conductive zone, flat mag.	D.N.R., poss. lake bottom
25 & 83	Two med. conductors, flat mag.	D.N.R., poss. lake bottom
27	Wk. Conductor, flat mag.	D.N.R., poss. lake bottom
28	Four med. conductors, sporadic mag. highs	Drilled BH 55307
35	Wkmed. conductor, flat mag.	D.N.R., poss. lake bottom
37 & 3 8	Four wkmed. conductors, one wk. conductor, flat mag.	D.N.R., poss. lake bottom
39	Wkmed. conductor, flat mag.	D.N.R., poss. lake bottom

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Table I (Cont'd)

Response	Geophysical Results	Remarks
Permit 550	N.T.S. <u>33F-7E</u>	
40	Two wkmed. conductors, flat mag.	D.N.R., poss. lake bottom
44	Strong conductor, flat mag.	D.N.R., poss shear
47	Two med. conductors, flat mag.	D.N.R., poss. lake bottom
48	Medstrong conductor, flat mag.	D.N.R., poss. shear
50	Wk. conductor, flat mag.	D.N.R., lake bottom
56	Strong conductor, local mag. assoc.	N.F.W., MVW-MW py, po minor magnetite, graphite; arkose basic volcanics
73	Two strong conductors, wk. broad mag.	Drilled, BH 55305, 55306, on north conductor
82	Two med. conductors, erratic mag. highs	Drilled, BH 55304
Permit 550	N.T.S. <u>33F-8W</u>	
9 & 11	Three med. conductors, north conductor with wk. mag. assoc.	or Drilled north conductor BH 55310
10	Wk. conductor, flat mag.	D.N.R., poss. lake bottom
11 S	Wkmed. conductor, flat mag.	D.N.R., poss. lake bottom
13	Two med. conductors, wk. mag. assoc. west conductor	Drilled, BH 55309, west conductor poss. lake bottom
14	Two wk. conductors, flat mag.	D.N.R., poss. lake bottom conductor.
34 A	Two med. conductors, flat mag.	D.N.R., poss. lake bottom conductor
41	Five wkmed. conductors, main conductor with wk. mag. assoc.	D.N.R., poss. lake bottom
43 W	Two med. converging conductors, flat mag.	D.N.R., lake bottom conductor
53	Not located	N.F.W.
54	Not located	N.F.W.
54 E	Three short wk. conductors, flat mag.	D.N.R., poss. lake bottom conductor

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Table I (Cont'd)

Response	Geophysical Results	Remarks
Permit 5	50 N.T.S. 33F-9W	
35 & 3 6	Two strong locally magnetic conductors one weak conductor, flat magnetics	N.F.W., drilled BH 55331 other conductors, MVW py, po, graphite, magnetite I.F., andesite
Permit 5	50 N.T.S. 33F-10E	
6 & 10	Two wkmed. conductors flat mag.	D.N.R., poss. shear or lake bottom
8	Wk. conductor, flat mag.	D.N.R., poss. shear or lake bottom
85	Two conductors, one wk. conductor mag. assoc., one med. conductor, flat mag.	D.N.R., poss. lake bottom and shear with I.F.
Permit 5	<u>51 N.T.S. 33F-8W</u>	
3	Three weak conductors, flat mag.	N.F.W., area of granite
4 & 44	Five weak to med. conductors, flat mag. conductor strength reduced 50 percent with 300 Hz unit	N.F.W., possible shears, granites in area
5	Conductor not located	N.F.I.
Permit 5	51 N.T.S. 33F-9E	
29	Weak to medium conductor, flat mag.	D.N.R., area of projected sediments
31, 32, 38, 39	Three med. to strong conductors two with local mag. association	N.F.W., two magnetic conductors drilled BH's 55324; 55326 other conductor graphite, arkose, argillite
40,44, 51,54	Three med. to strong conductors flat magnetics	N.F.W., drilled one conductor BH's 55328, 55330
45,48 B	Med. to strong conductor, local magnetic association	N.F.W., graphite magnetite, banded magnetite I.F., arkose, argillite

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Table I (Cont'd)

Response	Geophysical Results	Remarks
Permit 5	51 N.T.S. 33F-9W	
6	Three conductors, located with broadside E.M.	N.F.W., MVVW py, banded iron formation, intermediate volcanics
9	Medstrong conductor, flat mag.	D.N.R., poss. lake bottom
10 & 80	Two med. conductors, north conductor with mag. assoc.	O.F.I., poss. valid conductor
13 & 78	Two wkmed. conductors, flat mag.	D.N.R., poss. lake bottom
13	Two med. conductors, flat mag.	D.N.R., poss. lake bottom
14	Wk. conductor, flat mag.	D.N.R., poss. shear
16	Wk. conductor, flat mag.	D.N.R., poss. lake bottom
18	Two wk. conductors, flat mag.	D.N.R., poss. lake bottom
27	Two med. conductors, one with local magnetics	N.F.W., magnetic conductor drilled BH 55332
33 A	Med. to strong magnetic conductor	N.F.W., MVW po, graphite, intermediate volcanics
46 & 86	Four med. conductors, main conductor with wk. mag. build up.	D.N.R., poss. lake bottom
61	One med., one strong, magnetic conductor	N.F.W., banded magnetic I.F., basic volcanics
66	Two wkmed. conductors, flat mag.	D.N.R., poss. lake bottom
68	Not located	N.F.W., area of high hills
69	Not located	N.F.W., area of andesite- dacite minor tuff, cliff face near response.
70	Not located	N.F.W., area of andesite to dacite, tuff with interbanded magnetite I.F.
Permit 5	53 33G-12W	
30 & 45	Not located	N.F.W.

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Table II

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Base Metal Exploration

Diamond Drill Results

B.H. No.	<u>N.T.S</u> .	Anom.	<u>Co-</u>	-ords.	Depth	Results
Permit 51	<u>47</u>					
55311	33F-2W	53	7+45N,	24 + 00W	170.0	Abandoned in overburden
5531 2	33F-2W	53	7+95N,	24 + 00W	260.0	Abandoned in OB
55313	33F - 2W	63	2+75N,	4+00W	281.0	Abandoned in OB
55314	33F-2W	67	4+10N,	8+00E	515.0	MVW-MW po, py graph in metased
55315	33F-2W	69	9+10S,	8+00W	234.0	MVW-MW po, py graph in metased
					1,460.0	
Permit 55	50					
55304	33F-7E	82	16+00S,	0+18E	397.0	Metased, MVVW-MVW, po, py, Minor Zn , Pb
55305	33F-7E	73	1+75S,	0+00	382.0	Metased - drilled down dip
55306	33F-7E	73	1+25N,	0+00	267.0	Metased - conductive OB
55307	33F 7E	28	1+40S,	11 + 00W	331.0	Metased - conductive OB
55308	33F - 7E	14,15,18	4+90N,	20+00E	329.0	Metased - conductive OB
55309	33F-8W	13	8+00N,	4+00W	416.0	Metased - conductive OB
55310	33F-8W	9 & 11	8+00N,	4 + 00W	298.0	Metased - conductive OB
55332	33F - 9W	27	8+00E,	5 + 40N	62.0	MVW-MW; py, po; graph parashist; arkose
55333	33F - 7E	8	4+00N,	3 + 80W	191.0	MVW-MW; py, po graph andesite; argillite, arkose, graywacke

2,673.0

B.H. No.	<u>N.T.S</u> .	Anom.	<u>Co-ords</u> .	Depth	Results				
Permit 551									
55324	33F-9E	32 - 48	8+00E, 0+95N	106.0	MVW-MW; py, po, graph meta arkose, argillite				
55326	33F-9E,	32 - 48	15+00E, 3+90S	197.0	MVW-M py, po, graph andesite, gra yw acke, argillite, arkose				
55328	33 F- 9E	40,51,54	12+00W, 6+45S	97.0	Abandoned				
55330	33F-9E	40,51,54	12+00W, 6+20S	179.0	MVW-MW py, po, andesite argillite, skarn				
55331	33F-9W	35,36	0+25W, 0+40N	158.0	MVW-MW-py, po, graph. Minor Zn Pb. Andesite, amphibolite, tuffaceous metased				

737.0

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Table III

Summary of Induced Polarization Results

Anomaly

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Results

Remarks

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Permit 547-548

А	Two chargeability peaks within the anomaly sub- parallel to a magnetic high to the south (UM)	Of further interest, low, drilled BH's 49876, (MVW py in conglomerate) 55325, 55329 (MVVW py in quartzite)
В	One station anomaly, falls on flank of magnetic anomaly	NFI, drilled BH 55325, (MVW po, py amphibolite)
С	Strong chargeability, high resistivity, corre- lates with narrow magnetic trend	NFI
D	High resistivity, no magnetics	Drilling not recommended possible bedrock topography
Е	Local chargeability high, high resistivity	O.F.I. very low
F	Broad complex, chargeability highs north of magnetic features, characterized by resisti- vity depression, non-conductive E.M.	Drilling recommended
G	High chargeability, high resistivity	N.F.I., poss. bedrock topography
H	High chargeability, correlated resistivity	N.F.I., poss. bedrock topography
I	Subtle anomaly, partial correlation with mag- netic trends	Low priority drill
J	Complex on north margin	O.F.I., low, BH 49881 MVW-MVVW po, py, massive sulphides, geology
K	Bifurcated; local chargeability highs correlate with resistivity highs	Low priority drill, drilled BH 55321, MVW py arkose, rhyolite
L	Complex, chargeability correlates with moderate resistivity, some magnetic relief over western end	D.N.R., drilled BH 49869, MVW py in uraniferous conglomerate in western end; BH 55316 eastern end - no explanation

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Table III (Cont'd)

Anomaly	Results	Remarks
Μ	Related to J	Drilled western end BH 49896 MW- MVVW py in quartzite and conglomerate eastern end I.F.
Ň	Short anomaly open to west	BH 49866 undercuts northern edge.
0	Moderate to low resisti- vity, lies on north flank of moderate magnetic trend	Low priority drill.

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Table IV

Diamond Drill Production - Sakami Zone 1 to 4

Permit 547-548

<u>B.H. No</u> .	Zone	Permit	<u>Co-or</u>	dinates	Depth	Drill Type
55316	3	548	9+20S,	8+00E	577.0	BBS-3
55317	2	548	18+00N,	56 + 00W	1,175.0	BBS-3
55318	3	547	2+40N,	92 + 00W	719.0	BBS-1
55319	3	548	31+20S,	0+00	15.0	Winkie
55320	3	548	31+20S,	0+00	35.0	Winkie
55321	3	548	31+20S,	0+00	209.0	Winkie
55322	2	548	10+20N,	24 + 00W	1,191.0	BBS-3
55323	3	547	6+50S,	124 + 00W	700.0	BBS-1
55325	4	547	22+60S,	156 + 00W	729.0	BBS-1
55327	1 & 2	548	2+50N,	8+00E	1,182.0	BBS-3
55329	4	547	18+00S,	140+00W	763.0	BBS-1
55334	3	548	4+15S,	28+00W	755.0	BBS-1
55335	1	548	4+00S,	40+00E	1,011.0	BBS-1
55336	3	547	10+00S,	60+00W	219.0	BBS-1
55337	3	547	10+00S,	60+00W	317.0	BBS-1
55338	3	547	15 + 00S,	60 + 00W	246.0	BBS-1

TOTAL: 9,843.0

Table V

Basal Till, Bedrock, Sampling Project

Permit 548 N.T.S. 33F-2W

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в.н.	Co-ords.	Depth	Bed- rock	0.B.	Ice & Water	Bedrock Geology	Basal Till Percent Quartzite Clasts	Basal Till Heavy Minera Concentrate Flourimetry U ₃ 0 ₈ - P.P.M.	Bedrock Flourimetry	
Sl 1	82+00W, 25+50N	35.0	1.0	32.0	2.0	Quartzite with sulp			0.1	2
SI 2	82+00W, 21+50N	31.0	1.0	28.0	2.0	Trem-carb U.M. alt.				2
S1 3	82+00W, 17+50N	39.5	1.0	36.5	2.0	Diabase	6.8	0.2		2
SI 34	82+00W, 19+50N	13.0	1.0	10.0	2.0	Quartzite, py				2
SI 4	82+00W, 13+50N	58.0	1.0	55.0	2.0	Quartzite		0.6	1.7	2
SI 5	82+00W, 9+50N	37.0	1.0	34.0	2.0	Quartzite, fine sulp			0.8	2
SI 54	A 82+00W, 9+45N	34.0	1.0	31.0	2.0	Quartzite, fine sulp		0.8		2
SI 6	92+00W, 13+50N	64.0	2.0	60.0	2.0	UM., Alt'd, minor sulp	2.4	0.3		2
SI 7	92+00W, 17+50N	37.0	2.0	29.5	5.5	Serpentinite	2.4	0.5		2
SI 8	92+00W, 21+50N	33.0	2.0	27.0	4.0	Diabase	4.9	0.1	0.1	2
SI 9	102+00W, 21+50N	64.0	2.0	58.0	4.0	UM Talc carb	6.7	0.4		2
SI 10	102+00W, 16+50N	67.0	1.0	64.0	2.0	Quartzite	16.7	0.1	0.1	2

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B.H.	Table V (Co Co-ords.	<u>nt'd)</u> Depth	Bed- rock	0 . B.	Ice & Water		Basal Till Percent Quartzite Clasts	Basal Till Heavy Minera Concentrate Flourimetry U ₃ 0 ₈ - P.P.M.	Bedrock Flourimetr	
 Sl 11	22+00E, 7+80S	48.0	2.0	46.0		Quartzite intrb'd with amph		0,4	0.4	 1E
	•					· · ·				
SI 12	32+11E, 8+00S	36.0	2.0	34.0	-	Argillite	2.3	0.1	0.1	1E
Sl 13	32+00E, 20+00S	65.0	2.0	63.0	-	Argillite	0.5		0.6	lE
SI 14	32+00E, 32+23S	16.0	1.0	15.0		Arkose		0.5		lE
Sl 15	52+00E, 8+00S	14.0	0.5	11.5	3.0	Quartzite	7.8	2.1	2.8	1E
SI 16	52+00E, 23+00S	5.4	2.0	3.0	-	Amphibolite, v.f.g.				1E
Sl 17	52+00E, 32+00S	80.0	3.5	76.5	-	Argillaceous quartzite		0.6		1E
Sl 19	76+00E, 20+00S	81.0	2.0	19.0	60.0	Arkose			1.0	lE
Sl 20	76+00E, 8+00S	28.0	1.0	2.0	25.0	Arkose				lE
Sl 21	100+00E, 8+00S	31.0	2.0	0.0	29.0	Arkose				1E
S1 22	100+00E, 20+00S	46.0	1.0	4.0	40.0	Amphibolite				1E
SI 26	100+00E, 4+00N	79.5	1.0	68.5	10.0	Meta Andesite	1.7	0.2		lE
Sl 27	76+00E, 2+00S	76.0	1.0	30.0	40.0	Arkose	4.2	1.2		lE
S1 28	64+00E, 8+03S	54.0	1.0	13.0	40.0	Arkose, py, po?	0.9	1.1		1E
Sl 29	22+00E, 66+00S	131.0	1.4	129.6	-	Para gneiss	2.1			18
SI 30	22+00E, 54+00S	40.0	1.0	39.0	-	Arkose		0.5		lS

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	Table V (Cont'	<u>d)</u>			Basal Till	Basal Till Heavy Mineral	
B.H.	Co-ords.	Bed- Depth rock 0.B.	Ice & Water	Bedrock Geology	Percent Quartzite Clasts 	Flourimetry 1	Bedrock Flourimetry 308-P.P.M. Zone
Sl 31	93+00W, 124+50S	16.0 1.0 15.0	_	Metagabbro or diab., py			25
SI 32	100 + 00W, 93+50S	43.0 3.0 40.0		Arkose		0.8	25
Sl 33	100+00W, 63+00S	52.0 3.0 49.0	-	Arkose	3.3	0.3	2S
SI 34	100+00W, 34+00S	28.0 1.0 27.0	_	Diabase	4.6	0.2	2S
SI 35	100+00W, 6+00S	16.0 0.5 15.5	-	Arkose	6.6	4.0	2S

TOTAL: 1,498.0

1997 - 1997

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EXPENDITURES - 1973 - PERMITS 547 - 553

	Permit 547	Permit 548	Permit 549	Permit 550	Permit 551	Permit 552	Permit 553	Totals
Contract Drilling	67,684.54	41,247.53	-	12,267.86	-	_	-	121,199.93
Contract Drilling - Transportation	4,712.42	14,671.60	-	10,148.29	611.67	-	-	30,143.98
Canico Drilling	1,312.53	1,189.32	-	1,916.55	7,450.21	-	-	11,868.61
Canico Drilling - Transportation	295.47	359.66	-	2,120.36	3,640.37	_	-	6,415.86
Salaries & Benefits - Professional	5,468.67	25,006.78	487.54	6,530.91	2,000.23	-	-	39,494.13
- Non-Professional	3,433.28	57,105.96	2,292.74	25,681.35	8,001.76	2,501.98	-	99,017.07
Material, Equip. & Supplies	2,337.30	31,632.17	36.48	8,284.50	1,941.44	-	-	44,231.89
Transp Personnel Equip. & Supplies	, 15,895.36	87,062.31	1,950.30	14,867.45	11,618.08	-	2,703.28	134,096.78
Airborne Surveys	-	434.69	-	-	-	-	-	434.69
Contract Services	906.00	28,036.16	-	-		-	-	28,942.16
Consultant Fees	178.56	178.55	178.55	178.55	178.55	178.55	178.56	1,249.87
Assay Charges	1,314.19	2,569.99	-	476.00	338.00	-	-	4,698.18
		any days account of the summaries						
TOTAL:	103,538.32	289,494.72	4,945.61	82,471.82	35,780.31	2,680.53	2,881.84	521,793.15

ABBREVIATIONS FOR USE

IN LOGGING BORE HOLES

Ministère des Richesses Naturelles, Québec SERVICE DE LA DOCUMENTATION TECHNIQUE

Date: 22 MAL 1974 No GM: 2977

ABUNDANT	ABNT
ACCESSORY	ASSR
ACID DYKE	ACDK
ACICULAR	ACLR
ACIDIC	AC
ACID HORNFELS	ACHF
ACTINOLITE	ACT
ACTINOLITIC	ACTC
AGGLOMERATE	AGLM
ALBITIZATION	ALBZ
ALASKITE	ALSK
ALTERATION	ALTN
ALTERED	ALTD
ALTERNATING	ALR
AMORPHOUS	AMRP
AMOUNT	AMT
AMPHIBOLE	АМРВ
AMPHIBOLITE	AMPH
AMPHIBOLITIC	AMPC
AMYGDALOIDAL	AMYG
AMYGDULE	AMGD
ANDESITE	ANDS
ANGULAR	AGLR
ANHEDRAL	ADRL
ANORTHOSITE	AN
ANORTHOSITIC	ANIC
ANORTHOPHYLLITE	ANPL
APHANITIC	APNC
APLITE	APL
APLITIC	APLC
APPEARANCE	APRC
APPROXIMATE	APRX
ARGILLACEOUS	AGLC
ARKOSE	ARK
ARSENIDE	ARSD
ASBESTOS	AB
ATTITUDE	ATID
ATTENUATED	ATND
AUGEN	AGN

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BAND	BND
BANDED	BNDD
BANDS	BNDS
BARREN	BRN
BASAL	BSL
BASALT	BSLT
BASIC DYKE	BCDK
BASIC HORNFELS	BAHF
BEARING	BRG
BECOMING	BCMG
BED	BD
BEDDING	BDG
BIOTITE	BIOT
BLACK	BK
BLEBS	BLBS
BLEBY	BLBY
BLOCKY	BCKY
BLOTCHY GABBRO	BGAB
BORNITE	BN
BOULDER	BLDR
BOULDERS	BLDS
BREAK	BRK
BRECCIA	BX
BRECCIATED	BXTD
BRECCIA MATRIX	BXMX
BRECCIA SULPHIDE	BXSU
BRITTLE	BRTL
BROWN	BRWN

CALCAREOUS	CLCR
CALCIC	CLC
CALCITE	CALC
CARBONATE	CARB
CARBONATED	CRBD
CARBONATE ROCK	CBRK
CARBONATITE	CBNT
CASING	CAS
CAVITIES	CVTS
CEMENTED	CMTD
CHALCOPYRITE	CP
CHERT	CHRT
CHERTY	CHTY
CHICKEN - TRACK	CK TK
CHILLED	CHLD

CHLORITE	CHL
CHLORITIC	CHLC
CLASTS	CLTS
CLEAVAGE	CLVG
CLUSTER	CLSR
COARSE GRAINED	CG
COARSER	CRSR
COMPLEX	CPLX
COMPOSED	CMPD
COMPOSITION	CPSN
CONCENTRATION	CCTN
CONCHOIDAL	CNDL
CONCORDANT	CCRD
CONCRETION	CRTN
CONDUCTOR	CDCR
CONDUCTIVE	CDCV
CONFORMABLE	CFMB
CONGLOMERATE	CONG
CONSTITUENT	CONS
CONTACT	СТ
LOWER CONTACT	LCT
UPPER CONTACT	UCT
CONTENT	CNTN
CONTORTED	CNRD
CORE	CORE
CRUSHED CORE	CC
BROKEN CORE	BC
GROUND CORE	GC
LOST CORE	LC
CORONA	CRN
COUNTRY ROCK	CTRK
CRINKLES	CNKS
CROSS BEDS	XBDS
CROSS BEDED	XBDD
CROSS BEDDING	XBDG
CROSS CUTTING	XCTG
CROSSFIBER	CSFB
CRYSTAL	XTL
CRYSTALS	XTLS
CRYSTALLINE	XLLS
LIMESTONE	
CUBANITE	CUB

DCT
DK
DCRS
DCRG
DEG
DS
DPSN
DPSL
DVLP
DVPD
DIA
DIAC
DIO
DPCM
DISS
DSLT
DSNC
DSCL
DLMT
BRDS
DH
DRLD
DNT

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ELONGATED	ELGD
ENRICHED	ERCD
EPIDOTE	EPID
EPIDOTIZED	EPDZ
EQUIGRANULAR	EQGR
ESTIMATE	EST
ESTIMATED	ESTD
ESTIMATION	ESTN
EXTREMELY	EXML
EUHEDRAL - SEE	
UHEDRAL	
EXPLANATION	EXPL
EXTENS IVE	EXSV

FABRIC	FBRC
FAINT	FNT
FAULT	FLT
FAULTED	FLTD
FELDSPAR	FSP
FELDSPATHIC	FSPC
FELDSPAR	FDPR
PORPHYRY	
FELSIC	FLSC
FELSITE	FELS
FIBROUS	FBRS
FILLING	FLLG
FINE	FN
FINE GRAINED	FG
FLECKS	FLCK
FOLIATED	FOTD
FOLIATION	FOTN
FOLLOWING	FLNG
FOOTWALL	FW
FOOT OF HOLE	FOH
FRACTURE	FRCT
FRACTURED	FRCD
FRACTURES	FRCS
FRAGMENT	FRGM
FRAGMENTAL	FRML
FRAGMENTS	FGMS
FREQUENT	FRQN
FRIABLE	FRBL

GRANITE	GR
GRANITE BRECCIA	GR BX
GRANITE GNEISS	GRGN
GRANITIC	GRNC
GRANITIZED	GRZD
GRANITIZATION	GRZN
GRANODIORITE	GRDR
GRANOPHYRE	GRP
GRANOPHYRIC	GRPR
GRANULAR	GRLR
GRANULITE	GRNL
GRAPHIC	GPHC
GRAPHITE	GRPT
GRAPHITIC	GRPC
GRAVEL	GRVL
GREEN	GRN
GREENSTONE	GS
GREY	GY
GREYWACKE	GWKE

HABIT	HBT
HALOS	HLOS
HANGINGWALL	HW
HEMATITE	HEM
HETEROGENEOUS	HNGS
HIGHLY	HLY
HOMOGENEOUS	HMGS
HORNBLENDE	HBL
HORNBLENDITE	HBLT
HORNFELS	HRFL
HOST ROCK	HSRK
HYPIDIOMORPAIC	HPMC

GABBRO	GAB
GABBROIC	GBIC
GALENA	GAL
GARNET	GAR
GARNETIFEROUS	GRFR
GERSDORFFITE	GERS
GLASSY	GLSY
GNEISS	GN
ORTHOGNEISS	ORGN
PARAGNEISS	PRGN
GNEISSIC	GNSC
GRADATIONAL	GRNLX
GRADING	GRDG
GRAIN	G
GRAINS	GRNS

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	IMPURE	IMP	LIGHT	LT
		IMPR	LIGHTER	LGTR
	IMPURITIES INCLUSION	INCL	LOCALLY	LOCL
	INCLUSION	INCS	LOWER	LOCL
	INCREASED	ICRD	LUNATE	LOWK
	INCREASED INCREASING	ICRG	LUSTER	LNI LSTR
	INDISTINCT	IDSC	LUSIER	LOIK
	INTENSE	INTS		
	INTERCALATED	IRTD		
	INTERGRANULAR	IRGL		
	INTERGROWN	IRGR		
	INTERGROWTH	IRGH		
	INTERMEDIATE	IRMD		
	INTERSTITIAL	INSU		
	SULPHIDE	1850		
	INTRUSIVE	INTR	MAFIC	MFC
	IRREGULAR	IREG	MAFICS	MFCS
	IRON FORMATION	IF	MAGNETIC	MTC
	IRON FORMATION	15	MAGNETITE	MT
			MAGNETITE	
				MRBL
			MARGINAL MASSIVE	MGNL
			MASSIVE SULPHIDE	MASS MASU
			MATERIAL	MASU
			MATRIX	MIKL
			MEDIUM	MED
			MEDIUM GRAINED	MG
	JOINT	JT	MELANOCRATIC	MLNC
		JTD	METACRYST	MTCR
	JOINTED		METADIABASE	MTCR
	JOINTING JOINTS	JTG JTS	METADIORITE	MTDB
	JOINIS	015	METAGABBRO	MTGB
			METAMORPHIC	MTGB
			METAMORPHOSED	MMPD
			METASEDIMENT	MTSD
			MICACEOUS	MISD
			MIGMATITE	MGMT
			MIGMATITIC	MGMI
			MILLERITE	MGMC
			MINERAL	MIN
	LAMELLAR	LMLR	MINERALIZED	M
	LAMINATED	LMND	MINERALIZED STRONGLY	
	LAMINATION	LMNN	MINERALIZED WEAKLY	MW
	LAMPROPHYRE	LAMP	MINERALIZED VERY	MVW
	LAPPILLI_TUFF	LPTF	WEAKLY	
	LEFT	LFT	MINERALIZED VERY VERY	7
	LENS	LNS	WEAKLY	MVVW
	LENSES	LNSS	MINOR	MNOR
	LEUCOCRATIC	LCRT	MODERATE	MOD
	LIMONITE	LIM	MODERATELY	MODY
	LIMESTONE	LS	MONZONITE	MONZ
	LINEAMENT	LNMT	MOTTLED	MONZ MTLD
		LNTD	MUSKEG	MSKG
	LINEATED LINEATION	LNTN	MYLONITE	MYL
· · ·	ar 4.174.163.1 d. VA1			
		h.		

MYLONITIC	MYLC	PINK	PK
MYLONITIZED	MYLD	PLAGIOCLASE	PLAG
NEMATOBLASTIC	NMBC	POLYMICTIC	PLMC
NICCOLITE	NC	POROUS	POR
NODULES	NDLS	PORPHYROBLAST	PRBT
NUMEROUS	NMRS	PROPHYROBLASTIC	PPBC
NUMBERS	NMBS	PORPHYRITIC	PRPC
		PORPHYRY	PRPH
		POSSIBLE	PSBL
		POSSIBLY	PSBLY
		PREDOMINANT	PRDM
		PREDOMINANTLY	PRDL
		PRESENT	PRSN
OCCASIONAL	0CC	PRIMARY	PRM
OFFSET	OFST	PROGRESSIVE	PRGS
OLIVINE	OLVN	PTYGMATIC	PGMC
OLIVINE DIABASE	OD	PTYGMATICALLY	PGMY
OPHITIC	OPTC	PYRITE	PY
ORBICULAR	OBCL	PYRITIC	PYC
ORE BODY	OBDY	PYROCLASTIC	PCLC
OUTCROP	oc	PYROXENE	PRXN
OVERBURDEN	OB	PYROXENITE	PXT
OXIDIZATION	OXDN	PYRRHOTITE	PO
OXIDIZED	OXDD		
			•

PANDIOMORPHIC	PNMC
PARALLEL	PLL
PART	PRT
PARTING	PRNG
PARTLY	PTLY
PEBBLE	PBL
PEBBLES	PBLS
PEGMATITE	PEG
PEGMATITIC	PGTC
PENTLANDITE	PN
PERCENT	PCNT
PERCRYSTALLINE	PRCL
PERIDOTITE	PRDT
PERMAFROST	PRMF
PERPENDICULAR	PPDC
PHENOCRYSTS	PHCR
PHILOGOPITE	PHLG
PHYLLITE	PLLT
PICROLITE	PCLT

QUARTZ	QTZ
QUARTZITE	QTE
QUARTZ DIABASE	QDIA
QUARTZ DIORITE	QD

RADIOACTIVE	RDCV	SERICITIC	SRCC
NONRADIOACTIVE	NDCV	SERPENTINE	SRPN
RADIOMETRIC	RDMC	SERPENINITE	SRPT
RAGGED	RGD	SERPENTINIZED	SRPD
RECRYSTALLIZED	RCZD	SERPENTINIZED	
RELATIVELY	RLVL	PERIDOTITE	SPPD
RELICT	RLCT	SEVERAL	SVRL
REMNANT	RMNT	SHALE	SHL
REMNANTS	RMNS	SHARDS	SRDS
RHYODACITE	RDCT	SHEAR	SHR
RHYOLITE	RHY	SHEARED	SHRD
RIGHT	RT	SHEARING	SHRG
ROCK	RK	SILICEOUS	SLCS
ROCKS	RX	SILICIFIED	SLFD
ROSETTE	RST	SILTSTONE	SLTS
ROUND	RND	SILLIMANITE	SLMN
ROUNDED	RNDD	SKARN	SKN
RUDACEOUS	RDCS	SKELETAL	SKLL
RUSTY	TSTÝ	SLATE	SLT
		SLICKENSIDED	SCKD
		SLIKESIDES	SCKS
		SLIGHT	SLI
		SLIGHTLY	SLLY
		SLIPS	SLPS
		SLUDGE	SLDG
		SMALL	SML
		SLUMPING	SMPG
		SOLUTION	SLTN
		SPECKS	SPK
SALIC	SLC	SPECKS	SPKS
SANDSTONE	SS	SPHALERITE	SPH
SATURATED	SATD	STAINING	SNNG
SAUSSURITIZED	SRZD	STEATITE	STTT
SCATTERED	SCTD	STEATIZED	STZD
SCHIST	SCH	STREAK	STK
SCHISTED	SCHD	STREAKS	STKS
SCHISTING	SCHG	STRINGER	STR
SCHISTS	SCHS	STRINGERS	STRS
SCHISTOSE	SCSS	STRONG	STRG
SCHISTOSITY	SCSY	STRONGLY	STGL
SEDIMENT	SED	STRUCTURE	STRT
SEDIMENTARY	SDMR	SUBHEDRAL	SBRL
SEDIMENTS	SEDS	SULPHIDE	SULP
SECTION	SCTN	SURROUND	SRND
SEGMENT	SGMT	SURROUNDED	SRDD
SEGMENTED	SGMD	SURROUNDING	SRDG
SEGMENTS	SGMS	SYENITE	SYNT
SEGREGATED	SGGD	AUGITE SYENITE	ASYN
SEGREGATION	SGN	NEPHELINE SYENITE	NSYN
SEGREGATION	SGNS		
SERICITE	SRCT		

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TEXTURE	TXTR
THROUGHOUT	TRGT
TRACE	TR
TRACHYTE	TRCT
TRANSITION	TRNS
TREMOLITE	TREM
TREMOLITIC	TRMC
TOURMALINE	TMLN
TOURQUOIS	TRQS
TUFFACEOUS	TFCS
TUFFITE	TUFI
UHEDRAL	UDRL
ULTRABASIC	UB
ULTRAMAFIC	UM
UNDULATING	UDLG
UPWARDS	UPRD
UPHOLE	UH

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and the set

VEINLETS	VNLS
VEINING	VNNG
VERY COARSE	
GRAINED	VCG
VESICULAR	VSC
VIOLARITE	VT
VITREOUS	VTRS
VOLCANIC	VOLC

WEAK	WK
WEAKLY	WKLY
WHITE	WHT

YELLOW

YLW

SAKAMI PROJECT GEOLOGICAL LEGEND

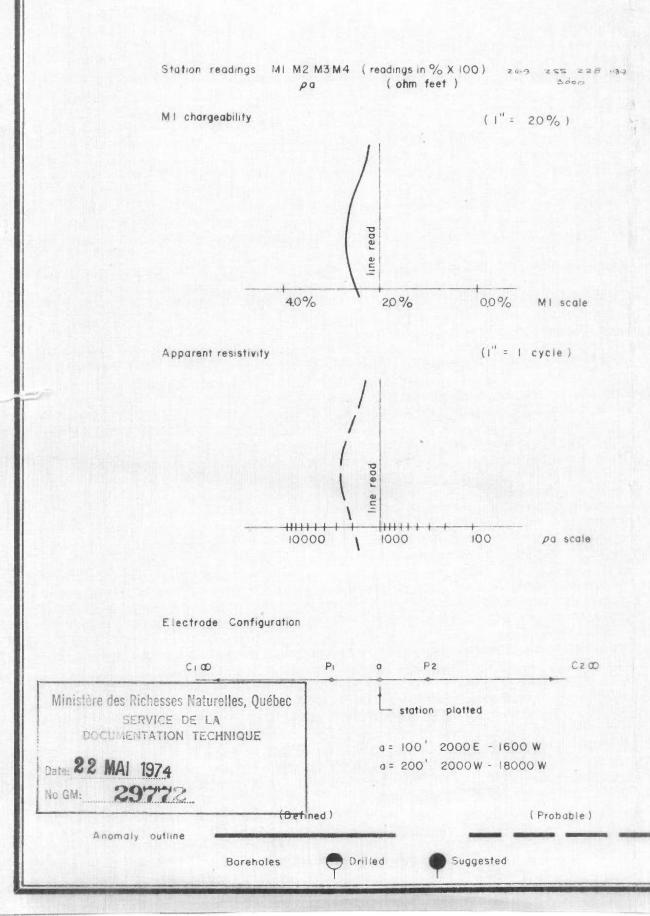
[,a,b,c,d	Mafic volcanics , in part amphibolitic (la); with minor sediments (lb) , pillow mafic (lc); massive to foliated (ld)
2 , a, b, c, d,e	Sediments; greywacke (2a); arkose (2b); argillite (2c); dopside skarn (2d), mafic schist (2e)
3 , a	Quartzite ; in part sericitic (3a)
4	Quartz pebbled conglomerate
5, a,b,c	Mafic dykes , meta diabase (5a) ; meta gabbro (5b) , acid dykes (5c only minor occurrences)
6, a, b, c	Ultramafic sills ; serpentinite (60); amphibolitic (6b); talc schist (6c).
7	Iron formation
8	Polymictic conglomerate
9	Acid volcanics; rhyplite(9a); rhypdacite(9b); in part porphyritic(9c)
10 10 a	Granite ; granite gneiss(10a)
111	Geological contact, defined jassumed, projected
sad and and	Faultzone : - defined , inferred
70° M	Strike and dip of schistosity and bedding inclined , vertical
1000 cps	Scintillometer Readings in counts per second' (CPs) were taken with a Scintrex GIS-3 on broad band , at ground level .
4	Pillows with observed tops
5	Outcrop Ministère des Richesses Naturelles, Québec SERVICE DE LA DOCUMENTATION TECHNIQUE Date: 22 MAI 1974
	No GM: 29772

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SAKAMI PROJECT

IP SURVEY



SAKAMI PROJECT GEOLOGICAL LEGEND

i , a , b , c , d	Mafic volcanics; in part amphibolitic (la); with minor sediments (lb), pillow mafic (lc); massive to foliated (ld)							
2, a, b, c, d,e.	Sediments; greywacke (2a); arkose (2b); argillite (2c); dopside skarn (2d), mafic schist (2e)							
3, σ	Quartzite ; in part sericitic (3a)							
4	Quartz pebbled conglomérate							
5, a,b,c	Mafic dykes; meta diabase (5a); meta gabbro (5b); acid dykes(5c only minor occurrences)							
6, a, b, c	Ultramafic sills ; serpentinite (60); amphibolitic (6b); talc schist (6c).							
7	Iron formation							
в	Polymictic conglomerate							
9	Acid volcanics; rhyolite(9a); rhyodacite(9b); in part porphyritic(9c)							
10 10 a	Granite ; granite gneiss(10a).							
111	Geological contact; defined ;assumed; projected							
source and a	Faultzone 1 - defined , inferred							
70°1	Strike and dip of schistosity and beddinginclined, vertical							
1000 cps	Scintillometer Readings in counts per second' (cps.) were taken with a Scintrex GIS-3 on broad band , at ground level .							
<u>م</u>	Pillows with observed tops							
	Outcrop Outcrop SERVICE DE LA DOCUMENTATION TECHNIQUE 22 MAI 1974 Date: No GM: 29772							

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						(EHOLE RE(********					DAT	IE PROCE		APR 01,1974	
OREHOLE#	PROPERTY	NTS#	SH#		# DE	TH AZIM	TH DIP	LATI	TUDE DEPA	RTURE		LEVEL	CHK *	D	
	SAKAMI LAKE	33F		82			00 -45 0				<u> </u>		DAT	E	
****	****	***	******			••••	*****	** ** **1	********	*****	*******	******	*****	****	
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100	-50 00 200		1 00			-48 00 3		-56 3							
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NGGED BY.	JAMIESON R A	STARTED	NAR OC	2.1973 (CEMPL	TED. NAR	05,1973	ORI	TASPIRA	TICN A	in the second		KE-ALL	CASING RECE	
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							DESCRIP	TION		ANG					
			0.0			ULLAR		VEL - AL	CACTNO T	c					
		4∠+0	42.0				AND & GRA F WATER 1		CASTNE 1	u					
		47.7	5.7	۸A			GY-FG-F		G & K-SPA	R) 60					
							ITH 1% M								
							CS & CHL-								
							TACT WITH	a state the second state of the second	NING AT 7	0					
		(0.0	• *	A.7			META AR		ATE THEEL	01 40					
		48.9	1.2	A A			GY FG INT Be plag a			W 00					
						Contraction of the second s	NTACTS SH			T				11 10 11 10 10 10 10 10 10 10 10	
							INTRUDED								
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							SSIBLE TR	-							
							ACT LOST								
		52.8	3.9				MICACEOU			V E					
		92 + 0	367	Ar			-73-1050			n c					
		53.2	0.4	AF			CONTACT			KE					
	· · · · · · · ·		and the first second and the second	an an an an Address		GROUND	and a second way where an in the second s	al estimates a comparate	den en e						
		54.5	1.3	AF			POSSIBLY			L					
							PEAR SHAR	P & RE(GULAR AT						
		ee 3	0 7			DEGREES	1057 CON	TACT							
		55•2 56•0	0.7 0.8				LOST CON CONTACT			٨					
		2040	0.0			C DEGREE:		dimize (
		50.8	0.8	AF			GOOD SHA	RP CONI	FORMABLE	CÜ					
							DEGREES						Ministè	re des Richesses Naturelle	s, Québec
				.			L a 56.8"			•				SERVICE DE LA	
		61.6	4.8	AF			SLLY GRN						Do	CUMENTATION TECHNIC	QUE
						er gesten of the state of the s	BY CHL & DUE TU G	a sea and a state of a second strate strate	and a second	Ų			Data 29	2 MAI 1974	
		62.0	0.4	AF			LOST CON								
		67.5	5.5				COULD TH		FG SED DU	E			No GM:	29772	
				· · · · · · · · · · · · · · · · · · ·	то	WHAT APPI	EARS TO B	E BEDD				1	······		
							12 DEGREE	S							
	e al contra constante en este contra cont	70•4 70•7				TO 67.5									
				manager i A C											

DEPTH	LENCTH	MAI 7 N	POC	DESCRIPTION AN	6
72.5				AS TO 70.4 LACK OF PINKISH TING-POSS	0
12.03	1+0	(1) ((((((((((-	IBLE BRECCIATION NEAR TOP CR SLUMPIN G CONTACT LOST	
 73.3	C.8	MVW	ARK	AS TO 48.9 WKLY CONDUCTIVE NON MTC P Y VARIES FROM 2 TO 4% CONTACT SHARP	
76 0	3 /		A 173 1/	AT 73 DEGREES	
76.9 77.9				AS TO 47.7 As to 48.9 micaceous neta arkose	
78.3				AS TO 47.7	
78.5				AS TO 47.7	
78.7				AS TE 48.9	
80.0				AS TO 47.7	
80.2				AS TO 48.9	
81.1	0.9	MVVW	ARK	AS TO 47.7 POSSIBLE AMPB VEINING CONTACT LOST	
81.8	0.7	MVW	ARK	AS TO 48.9 PY 1 TO 2%	
84.8				AS TO 47.7	
89.8	5.0	MVVW	ARK	AS TO 47.7 BECOMING SRCT FICH TOWARD	
				S BGTTCM	
95 • 9	6.1	MVW	ARK	AS TO 47.7 MORE SRCT RICH PY 4 TO 5% 50	0
				IN STRS BETTER BNDD MINOR FOLDING T	
				OWARDS TOP WKLY CONDUCTIVE OVER LENG	
co 7	,	******	1.0.4	THS OF 6 TO 8 INCHES	
99.7 105.4				AS TO 47.7 LOST CONTACT	
102.4	201	1-1 A M	AK	AS TO 95.9 BUT MORE SLUMPED PY 2 T 8 4% SLLY CONDUCTIVE	
111.8	6.4	MVW	APK	AS TO 47.7 PY STRS 1 TO 2% ENCD 70	ń
112.8				AS TO 47.7 PY ZNS PBS MAINLY ZNS 2%	V
*****				MORE ZNS TO TOP & MORE PY TO BOTTOM OF SECTION	
117.8	5.0	NVVW	ARK	AS TO 47.7	
141.0	23.2			AS TO 47.7 CUT BY 2 INCH GTZ VEIN AT 70	0
				128.0 ONE BND AS TO 48.9 2 INCHES W	-
				IDE AT 133.0 CONTACT LOST ENDD PHCR	
				FSP TOWARDS BOTTOM OF UNIT TS C-73- 1052 @ 136.7" QTE	
141.4	0.4		ARK	AS TO 47.7 FLOW CHL MTX LOWER CONT ACT LOST	
 153.2	11.8		QTE	AS TO 141.0-2 INCH ZONE AT 150.0 AS	
				TO 48.7 POSSIBLY PORPHYRITIC VOLC	
154.4	1.2	MVW	QTE	AS TO 141.0 5% SULPS ZNS FES FO PY V	
				ERY WKLY CONDUCTIVE & VERY WKLY MTC	
159.4	5.0	MVW		AS TO 95.9 SRCC PO & PY STRS 2 TO 37 70	0
				WITH 1% COMBINED ZNS CPY & PBS WELL	
• · · •				DEVELOPED BNDD SULPS PLL BNCC	
164.1				AS TO 159.4 SULPS 1 TO 2%	
171.8	7.7		AKK	AS TO 61.6 CONTACT WITH FELLOWING SH	
				ARP & SLLY IRREGULAR CONTACT APPEARS TO CROSS CUT BNDD RHYD BECCMES PRPC	
				TO CROSS CUT DNDD RHTD BECCHES PRPC	
172.4	0.6			AS TO 48.9 CONTACT SHARP BUT IRREGUL	
<u>A 1 6 9 1</u>	VEV		<u> </u>	AR & DEFINITELY CRUSS CUTS BNCD IN F	
				OLLOWING SECTION MICACEOUS META ARK	
176.3	3.9	MVW	ARK	AS TO 171.8 SULPS ZNS PBS PC & PY IN	
 The second s second second seco	and the second	, an in an Anta ann an anna	, in an adappela ing	STRS VARYING FROM 1 TO 3% STR ZNS C	

ULTIN	ELHOTH CHEN	nuu		
1//.8	I.J MVW	AKK		
192 0	4 2 MM	ADK		
176.2	10.5	AKA		
167 2	5 0 104	ADY		
73603	JOU NYN	Ann		
20.2 0	6 7 MUL	ADV		
202.00		900		
204 - 4	2.4 MVV	ARK		
Bar (8 - 34 € - 4 ²	₩ ₩ ₹ 171 941			
212.4	T.I MW	ARK		
217.4	5.0 NVVW	ARK		
~~ V • /	* # * *	4.14		
313.5	5.0 MVW	ARK		
	~~~			
				N
318.5	5.0 MVW	ARK		
				· · · · · · · · · · · · · · · · · · ·
333.5				
336.8	3.3 MVW	ARK		
	en e e e e e e e e e e e e e e e e e e			
339.1	2.3	ARK		
397.0	43.4	ARK	AS TO 47.7 LOC PINKISH LOC MAFIC DK 75	
			O 90 DEGREES MAINLY AROUND 75 DEGREE	
				· · · · ·
			CDRS & MAG EXPLANATION THROUGHOUT BO	
	a.		IS SOUTH ON SAKAMI N BL	4 1
				المراجع والمستقد والمراجع وا
	177.8 182.0 192.3 197.3 202.0 204.4 205.1 209.4 211.3 212.4 217.4 308.5 313.5 313.5 318.5 323.5 328.5 333.5 336.8 339.1 353.6	177.8       1.5 MVVW         182.0       4.2 MVW         192.3       10.3         197.3       5.0 MVW         202.0       4.7 MVW         204.4       2.4 MVVW         205.1       0.7 MVVW         209.4       4.3 MVVW         211.3       1.9 MVW         212.4       1.1 MW         217.4       5.0 MVVW         308.5       91.1         313.5       5.0 MVW         323.5       5.0 MVW         328.5       5.0 MVW         333.5       5.0 MVW	177.8       1.5 MVVW ARK         182.0       4.2 MVW ARK         192.3       10.3       ARK         197.3       5.0 MVW ARK         202.0       4.7 MVW ARK         204.4       2.4 MVVW ARK         205.1       0.7 MVVW ARK         209.4       4.3 MVVW ARK         209.4       4.3 MVVW ARK         211.3       1.9 MVW ARK         212.4       1.1 MW ARK         217.4       5.0 MVW ARK         308.5       91.1         QTE         313.5       5.0 MVW ARK         323.5       5.0 MVW ARK         323.5       5.0 MVW ARK         333.5       5.0 MVW ARK         336.8       3.3 MVW ARK         339.1       2.3 ARK         353.6       14.5       ARK         357.0       43.4       ARK	T SHARP WITH SOME BXTO OF FCLLCWING UNIT BXTD POSSIBLY PEBBLY ARK 182.0 4.2 MVW ARK AS TO 176.3 192.3 10.3 ARK AS TO 176.3 197.3 5.0 MVW ARK AS TO 192.3 BUT HAS SULPS 2NS PBS PC PY IN STRS 2 TO 3X 202.0 4.7 MVW ARK AS TO 192.3 SHOWING SOME EXTC AT 196 .1 204.4 2.4 MVVW ARK AS TO 192.3 IRREGULAR CONTACT 209.4 4.3 MVVW ARK AS TO 48.9 MICACEOUS META AFK 211.3 1.9 MVW ARK AS TO 48.9 MICACEOUS META AFK 212.4 1.1 MW ARK AS TO 48.9 MICACEOUS META AFK 212.4 1.1 MW ARK AS TO 48.9 GTZ VEIN AT 216.1 308.5 91.1 QTE OR DYKE AS TO 48.9 WKLY BNDD BECCMIN 70 G GARNETIFEROUS TOWARDS BOTTCM CUT L OC BY QTZ VEINS POSSIBLE EFICOTE ALT N LGC AS WELL IS C-73-1053 $\widehat{a}$ 242.0° MICACEOUS WTE 313.5 5.0 MVW ARK AS TO 313.5 UP TO 3% SULPS 1 TO 2% IN STRS P0 & PY WKLY MTC & WK LY CONDUCTIVE 318.5 5.0 MVW ARK AS TO 313.5 SULPS 3% UPS 1% 328.5 5.0 MVW ARK AS TO 313.5 SULPS 1% 333.5 5.0 MVW ARK AS TO 313.5 VERY MINOR BRECCIATIO N OF RX WITH EPIDOTE CHL MTX 336.8 3.3 MVW ARK AS TO 313.5 VERY MINOR BRECCIATION S ULPS 1 TO 2% IN STRS P0 & 1% CENTACT LOST 339.1 2.3 ARK AS TO 313.5 VERY MINOR BRECCIATION S ULPS 1 TO 2% IN THE AT ANY MINOR BRECCIATION S ULPS 1 TO 2% IN THE AS TO 47.7 POSSIBLE SLUMPING SULPS 1 339.1 2.3 ARK AS TO 313.5 VERY MINOR BRECCIATION S ULPS 1 TO 2% IN THE AT ANY MINOR BRECCIATION S 0 ULPS 1 TO 2% IN THE AT ARK AS TO 313.5 VERY MINOR BRECCIATION S 0 ULPS 1 TO 2% IN THE AT ARK AS TO 313.5 VERY MINOR BRECCIATION S 0 ULPS 1 TO 2% MINOR BRECCIATION S 0 ULPS 1 TO 2% ANY MINOR BRECCIATION S 0 ULPS 1 TO 2% ARK AS TO 313.5 VERY MINOR BRECCIATION S 0 ULPS 1 TO 2% ARK AS TO 313.5 VERY MINOR BRECCIATION S 0 ULPS 1 TO 2% ARK AS TO 313.5 VERY MINOR BRECCIATION S 0 ULPS 1 TO 2% 339.1 2.3 ARK AS TO 313.5 VERY MINOR BRECCIATION S 0 ULPS 1 TO 2% 339.1 2.3 ARK AS TO 313.5 VERY MINOR BRECCIATION S 0 ULPS 1 TO 2% 339.1 2.3 ARK AS TO 313.5 VERY MINOR BRECCIATION S 0 ULPS 1 TO 2% 339.1 2.3 ARK AS TO 313.5 VERY MINOR TACT 30 DEG REES BRECCIATED FGMS SIZE VARIABLE F ROM .15 INCH TO 1 INCH TS-C73-105

and and the second s

ļ	BOR EHOLE RECORD ***********	DATE PROCESSED APR 01,1974 CHK®D
В	DREHOLE# PROPERTY NTS# SH# ANOM# DEPTH AZIMUTH DIP LATITUCE	
<u></u>	55305-0 SAKAMI LAKE 33F 7E 73 382 324 00 -45 00 S 3155	
<b>\$</b> 1	***************************************	***************************************
n	INCLINATION AND TROPARI TESTS EPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH CIP D	DTH ATINITH FID
	$100 -51\ 00\ 200 -46\ 00\ 300 -47\ 00\ 380 -48\ 00$	
*	***** ** ******************************	***********************
TI	OPS OF WEDGES	
*	***************************************	**************************************
	OGGED BYDEBICKI E J STARTEDMAR 06,1973 COMPLETEDMAR 08,1973 CRILLED	
	RECOVER	ED-PERMIT AREA 550
*	* * * * * * * * * * * * * * * * * * * *	** *** *** *** * *** * ****************
1	SAMPLE ENTRIES	ANG
1	DEPTH LENGTH MNZN ROCK DESCRIPTION 0.0 0.0 COLLAR	ANU
	89.0 89.0 OVERBURDEN 3 FEET ICE 2 FEET	ATER S
	AND & GRAVEL AW CASING TO 89.0	FEET
	START OF CORE	ADEV 6 12
	127.0 38.0 ARK METAMORPHUSED-FG TO MG-MECIUM Oldur Grading Locally into Lig	
	REY SECTIONS-PLAGIOCLASE MINCR	
	R QUARTZ MAFICS BIOTITE RICH	
	ION PLANED-NUMEROUS STRINGERS	
	LETS OF QUARTZ (0.1 TO 1 INCH	
	WITH MINOR CLACITE PARALLEL TO	
	TION (WEAK TO MODERATE DEVELOP Core axis 10 to 15 degrees-ncm	
	TIC NON CONDUCTIVE-POSSIBLE BE	
	GRADING FROM MG TO FG TOWARDS	
	BED-TOPS DOWN THE BOREHOLE-CCN	
	OF BEDS SHARP-LUCAL THIN BANDS	
	OTITE (LESS THAN 0.1 INCHES WI	JEJ PA
(* ** · ·	RALLEL TO FOLIATION 144.5 17.5 ARK AS TO 127.0 EXCEPT INTRUDED B	Y CHART 30
	Z & QUARTZ CALCITE VEINS PARAL	
	& CROSS-CUTTING FOLIATION (/.1	TO 4
	INCHES WIDE)-SOME VEINS FRACTU	RED &
	PTYGMATICALLY FOLDED	
	382.0 237.5 ARK AS TO 127-O-SMALL SLIP FRACTU PENDICULAR TO FOLIATION AT 172	
	.0 & 348.4 FEET-QUARTZ VEINS P	
	ICULAR TO FOLIATION AT 172.4 6	
	FEET-SMALL FOLDS (SLUMP STURCT	
-	AT 207.2 & 366.6 FEET-SPECKS P	
1	85.7,292.3 & 297.1 FEET ASSOCI	
	ITH LIGHTER GREY COLOURED SECT OLIATION AND AMOUNT OF BIOTITE	
	ASES WITH DEPTH OF HOLE	
	TS C-73-1231 @ 168.0' MICACECU	S QTE
	FOOT OF HOLE	
	NO CONDUCTOR OR MAG EXPLANATIO	
	NOTE ANCH COORDS 1+805-0+00 GR	LU N
		ECREHOLE# 55305-0 SAKAMI LAKE PAGE# 1

		BOREHOLE RECORD ******	DATE PROCESSED APR 01,1974
	BOREHOLE# PROPERTY NTS# SH#	ANOM# DEPTH AZIMUTH DIP LATITUCE DEPARTU	CHK [®] D
	55306-0 SAKAMI LAKE 33F 7E	73 267 144 00 -45 00 S 2855 W 12508	
	***************************************		*********
		CLINATION AND TROPARI TESTS H AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH AZII	WITH CTP
	100 -45 45 200 -46 45 26		
		********	*** * * * * * * * * * * * * * * * * * *
	TOPS OF WEDGES ************************************	*** ********	**********
			COMMENT S
		973 COMPLETEDMAR 11,1973 DRLE INSPIRATIC EREC-PERMIT AREA	550
	** *** ********************************	<u>*************************************</u>	*************
	DEPTH LENGTH MN		NG
	0.0 0.0	COLLAR	
	100.6 100.0	OVERBURDEN-3 FEET ICE-2 FEET WATER MUD SAND & GRAVEL-AW CASING TO 100	
_		FEET	
	163.0 63.0	ARK BANDED-FG TO MG-DK GY TO MED GY 7	15
		RESPECTIVELY-BANDS VARY FROM C.1 INC	
		H TO A FOOT-CONTACT BETWEEN BANDS IS Sharp-plagioclase & biotite main min	
		FRALS SOME QUARTZ & K FELDSPAR & OR	
		SERICITE-LOCAL QUARTZ & CALCITE VEIN	
		S 0.1 TO 0.5 INCHES PARALLEL TO BAND Ing-slump structure at 110 with an	
		ANGLE OF 20-MINOR FAULT ZONE AT 138	
		FAULTS ANGLE AT 23 DISPLACEMENT OF	
		0.5 INCHES-ANOTHER FAULT ZCNE AT 144	
		-QUARTZOSE MATERIAL ASSOCIATED WITH TUFF AT 132 CONTAINS PY 1%-EANDING	
		MAY REPRESENT GRADED BEDDING	
	163.6 0.6	ARK AS TO 163.0-GRADED BEDDING-TOP UP HO	15
		LE-DK GY AT BASE LT GY AT TOP-0.1 IN CH GTZ VEIN AT 163.1 MAKES ANGLE OF	
		80 TO CORE 30 TO BANDING-CONTACT WIT	
-		H OVERLYING UNIT SHARP & REGULAR AT	
		75 DEGREES	
	164.0 0.4	ARK AS TO 163.6-A 0.2 INCH OK FG BAND OC 1 CURS AT 163.75-CONTACT WITH EVERLYIN	15
		G UNIT SHARP & REGULAR AT 75 DEGREES	
		TS C-73-1237 @ 164.0 MICACEGUS QTE	
	167.5 3.5	ARK AS TO 163.0-CONTACT WITH OVERLYING U 7	15
	173.0 5.5	NIT SHARP & REGULAR AT 75 DEGREES Ark as to 164.0-contact with everlying u t	15
		NIT SHARP & REGULAR AT 75 CEGREES	
	197.3 24.3	ARK AS TO 163.0-4 INCH QTZ VEIN AT 174.5 T MINOR FAULTING AT195-FAULTS AT 45 DE	15
		GREES 0.5 INCH MAXIMUM DISPLACEMENT.	
		THIN CHLORITE BNADS DEVELOPED IN FAU LT ZONE-CONTACT WITH OVERLYING UNIT	
		SHARP & REGULAR AT 75 DEGREES	lang i kung sa na pang samangka kananggan ang na sa sa pang sanang sa

	DEPTH L	ENGTH MNZN		
	198.0	C.7	TS C-73-1238 @ 197.3 MICACECLS QTE ARK AS TO 163.6-QUARTZ CALCITE VEIN ONE 80	
	·		INCH AT 197-8 WITH PY 12-CONTACT WI	
			TH OVERLYING UNIT SHARP & REGULAR AT	
a sa ana ang sa	199.2	1.2	80 DEGREES ARK AS TO 163.6-CONTACT WITH CVERLYING U	
	245.9	46.7	NIT SHARP & REGULAR AT 80 DEGREES ARK AS TO 163.6-CONTACT WITH OVERLYING U 80 NIT SHARP & REGULAR AT 80 DEGREES	
	250.7	4.8	ARK MG-MED GY THROUGHOUT-LOCAL GUARTZ VE INS-PLAGIOCLASE BIOTITE QUARTZ & SER ICITE-CONTACT WITH ABOVE UNIT SHARP & REGULAR AT 80 DEGREES-PY 1% FROM 248 TO 249	
· · · · · · · · · · · · · · · · · · ·	251.0	0.3	TS C-73-1239 @ 247.2" META ARKOSE GWKE AS TO 250.7-MORE QTZ VEINING-ABOUT 80 FOUR 0.1 INCH VEINS PER INCH-CONTACT WITH ABOVE UNIT GRADATIONAL OVER 0.1	
	261.3	10.3	INCH TS-C-73-1240 @ 251.0" META GWKE ARK AS TO 163.6-DK GY-CONTACT WITH OVERL	
			YING UNIT SHARP & REGULAR AT 80 DEGR	
	267.0	5.7	EES ARK AS TO 163-6-CONTACT WITH CVERLYING U 80 NIT SHARP & REGULAR AT 80 DEGREES	
			FOOT OF HOLE	
			NO EXPLANATION FOR CONDUCTOR IN HOLE NO EXPLANATION FOR MAG NOTE ANGM COORDS-2+45N-0QOC GRID S	
			NO EXPLANATION FOR CONDUCTOR IN HOLE NO EXPLANATION FOR MAG	
			NO EXPLANATION FOR CONDUCTOR IN HOLE NO EXPLANATION FOR MAG	
			NO EXPLANATION FOR CONDUCTOR IN HOLE NO EXPLANATION FOR MAG	
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			NO EXPLANATION FOR CONDUCTOR IN HOLE NO EXPLANATION FOR MAG	

	BOR EHOLE RECORD *********	DATE PROCESSED APR 01,1974 CHK'D	
	BOREHOLE# PROPERTY NTS# SH# ANOM# DEPTH AZIMUTH DIP LATITUDE DEPARTURE ELEVAT	ION LEVEL	
	55307-0 SAKAMI PROJECT 33F 7E 28 331 165 00 -45 00 S 608 W 3890	DATE	
	INCLINATION AND TROPARI TESTS DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP CEPTH AZIMUTH DIP DEPTH AZIMUTH CIF CEPTH AZIMUTH CIP 100 -46 45 200 -47 15 300 -51 00	******	
	TOPS OF WEDGES ************************************		
	LOGGED BYDEBICKI E J STARTEDMAR 13,1973 COMPLETEDMAR 15,1973 DRILLED INSPIRATION-DRILL Recovered-permit 550		
	<u>******</u> <del>**</del> ****************************	******	
	DEPTH LENGTH MNZN ROCK DESCRIPTION ANG		
	0.0 0.0 CULLAR		-
	122.0 122.0 OVERBURDEN-2 FEET ICE 2 FEET WATER 1 18 FEET SAND & GRAVEL-AW CASING TO 1 22 FEET START OF CORE		1
	123.5 1.5 ARK METAMORPHOSED-MG-GREY-LOCAL QUARTZ V 75		
	EIN (0.2 INCHES WIDE) AT 122.7 FEET At 50 degrees-plagioclase, eigtite-ri		
	CH, QUARTZ, MINOR K-SPAR-LOWER SHARP C ONTACT AT 75 DEGREES		
-	<u>TS-C-73-1232 ∂ 123.0" ARK δ</u> MICACEOUS QTE		
	129.2 5.7 ARK METAMORPHOSED-BEDDING GRADED FRCM ME 75		
	DIUM GREY (MG) AT BOTTOM OF BED TO D		
	ARKER GREY (FG) AT TOP OF BEC-TOPS A Re up the Borehole-this unit is logg		
	ED AS ONE BED-UPPER & LOWER CONTACTS		
8	AT 75 DEGREES & SHARP DUE TO ABRUPT		
ļ	GRAIN SIZE CHANGE-MG PART OF BED (LO		
	WER PART) PORPHYRITIC (FELCSPAR & QU Artz) & Less than 0.g5 inch perphyri		
	ES IN SIZE-PLAGIOCLASE QUARTZ RICH I		
_	N BIOTITE (MAINLY ALONG FOLIATION PL		
	ANES) MINOR K-SPAR-BANDING DUE TO BI OTITE RICH ZONES PARALLEL TO CORE AX		
	IS-LOCAL QUARTZ (MINOR CALCITE) VEIN		
	S (LESS THAN 0.1 INCHES WICE) PARALL		
	EL TO FOLIATION (SOME CROSS-CUT FOLI ATICN)-AT 123.8 TO 124.0 QUARTZ CALC		
	ITE BIOTITE VEIN (QUARTZITE ) WITH S	·····	
-	HARP UPPER CONTACT AT 30 DEGREES & S		
i	HARP LOWER CONTACT AT 85 DEGREES-AT		1
	124.5 TO 124.7 SAME TYPE OF VEIN AS At 123.8 Feet with sharp upper conta		
ALTED	CT AT 50 DEGREES & JAGGED LOWER CONT		
	ACT GRADING INTU ARKOSE		1
CRA.	130.4 1.2 ARK AS TO 129.2-UNIT IS LOGGED AS ONE BE 75 D-SHARP LOWER CONTACT AT 75 DEGREES		
ά j	FEW QUARTZ VEINS		19 19 - 18 1 F 1 - 19 19 19 19
5			¢.
(	BOREHOLE# S	5307-0 SAKAMI PROJECT PAGE# 1	

	DEPTH	LENGTH MNZ	IN ROCK	DESCRIPTION ANG	
	130.9	0.5		AS TO 129.2-FEW QUARTZ VEINS-SHARP L 75	
				OWER CONTACT AT 75 DEGREES	
	132.1	1.2		AS TO 129.2-QUARTZ VEIN AT 131.9 (0. 60	
				1 INCHES WIDE) PARALLEL TO FOLIATION	
	366 6	12.3		SHARP LOWER CONTACT AT 60 CEGREES AS TO 129.2-QUARTZ (MINOR CALCITE) V 60	
	1	12+3	and the second	EINS (LESS THAN 0.2 INCHES WIDE) PAR	
				ALLEL TO AND GRUSS-CUTTING FOLIATION	
				AT 144.2 TO 144.3 A 1 INCH QUARTZ VE	
				IN INJECTED IRREGULARILY-CCRE AXIS 6	
				O DEGREES AT TOP OF BED TO 76 DEGREE	
				S AT BOTTOM OF BED-LOWER CONTACT OF	
				BED UNDULATING-BANDING DUE TO BIGTIT	
				E RICH ZONES PARALLEL TO FOLIATION	
	150.2	5.8		AS TO 129.2 FEW QUARTZ VEINS-CORE AX 70	· · · · · ·
				IS 70 DEGREES AT TOP OF BEC TO 60 DE	
				GREES AT BOTTOM OF BED-LOWER CONTACT	
				SHARP AT 60 DEGREES	and the second
	157.0	6.8		AS TO 129-2-A 0.5 INCH QUARTZ VEIN A 60	
				T 150.8 WITH SHARP UPPER CONTACT AT 45 DEGREES & JAGGED LOWER CONTACT-OT	
				HER LOCAL SMALL QUARTZ VEINS FARALLE	
				L TO & CROSS-CUTTING FOLIATION-LOWER	
				CONTACT AT 70 DEGREES-AT 153.6 TO 15	
	· · · · · · · · · · · · · · · · · · ·			3.7 FG ARKUSE WITHIN MG ARKOSE WITH	
				SHARP CONTACTS AT 80 DEGREES	
	159.6	2.6	ARK	AS TO 129.2-FEW QUARTZ VEINS PARALLE 70	
				L TO FOLIATION-LOWER CONTACT NOT SHA	
				RP-UPPER 2.5 INCHES OF BED CARK-GREY	
والمراجع والمرور وال	n an the second s			GREEN (CHLORITIC)	
	160.1	0.5		AS TO 129.2-SHARP LOWER CONTACT AT 80	
	240 5	<b>•</b> <i>i</i>		80 DEGREES	
	100.3	0.4		AS TO 129.2-LOWER CONTACT SHARP AT 7 70	
	160.9	C.4		O DEGREES As to 129.2-lower contact sharp at 7 70	
	100.9	V • 7		O DEGREES	
	168.8	7.9		AS TO 129.2-AT 162.0 TO 162.8 BLEBS 70	
	70040			OF ALTERED FELDSPAR (Q) ELONGATED PA	
				RALLEL TO FOLIATION-LOWER CONTACT SH	
	······································			ARP AT 70 DEGREES-FEW QUARTZ VEINS C	
				ROSS-CUTTING FOLIATION	
	172.6	3.8		AS TO 129.2-LOWER CONTACT SHARP AT 7 75	
				5 DEGREES-LOWER 1.5 FEET OF BED IS A	
				LIGHT GREY COLOUR WITH K-SPAR & SMAL	
				L QUARTZ PEBBLES (QUARTZ PEBBLY ARKO	
				SE ) PEBBLES FG-AT 172.4 SPECKS DISS	
				EMINATED PY	
	172 E	<u> </u>		TS C-73-1233 @ 172.3 META ARK	
	173.5	C.9		AS TO 129.2-WAVY QUARTZ VEIN AT 172. 75 7 CROSS-CUTTING FOLIATION-LOWER CONT	
				ACT SHARP AT 75 DEGREES	
	174.2	0.7		AS TO 129.2 LOWER CONTACT SHARP AT 7 75	
	ay 7 7 7 6	~ 7 1		5 DEGREES	
a a construction and a construction of the second	176.4	2.2		AS TO 129.2-LOWER CONTACT SHARP AT 7 70	
				O DEGREES	ан та стания интивичиния на окона остобита се чели име с. Събока и общекана радосната раз одрживата и стара пост Стани

	DEPTH	LENGTH MNZN	ROCK DESCRIPTION ANG
	177.0	0.6	ARK AS TO 129.2-LOWER CONTACT SHARP AT 6 65
			5 DEGREES
	177.8	0.8	ARK AS TO 129-2-LOWER CONTACT SHARP AT 7 70
			3 DEGREES
	181.0	3.2	ARK AS TO 129-2-LOWER CONTACT SHARP AT 7 75
			5 DEGREES-SMALL QUARTZ VEINS FARALLE
			L TC & CROSS-CUTTING FOLIATION
	188.9	7.9	ARK AS TO 129.2-LOWER CONTACT LOST DUE T 75
	20043		O BROKEN CORE-BANDING DUE TO BIOTITE
A AN A A ANALY MANAGEMENT			RICH ZONES-THIS UNIT MAY BE COMPRISE
			D OF SEVERAL SMALLER BEDS EUT CONTAC
			TS VAGUE-SEVERAL QUARTZ VEINS (LESS
			THAN 0.2 INCHES WIDE)-FELDSPAR QUART
			Z BIOTITE CHLORITE VEIN (C) AT 182.6
			TO 182.7 WITH GRADATIONAL UPPER CONT
			ACT & SHARP LOWER CONTACT AT 75 DEGR
			EES (SAME APPEARANCE AS VEIN AT 123.
	100 /	<u> </u>	8 TO 124.0)
	189.4	G.5	GWKE INTERMEDIATE TUFF-UNIFORM THROUGHOUT 60
			FG-DARK GREY GREEN-CHLORITE & BIOTIT
			E RICH WITH SMALL BLEBS OF BIOTITE E
			LONGATED PARALLEL TO FOLIATION-SMALL
			BLEBS OF FELDSPAR-FOLIATION WEAKLY D
· · · · · · · · · · · · · · · · · · ·		··· · · · · · · · · · · · · · · · · ·	EVELOPED-LOWER CONTACT SHARP BUT ANG
			LE LOST DUE TO BROKEN CORE
	107 /	0.0	TS C-73-1234 @ 189.3" META GNKE
	197.6	8.2	ARK AS TO 129.2-LOWER CONTACT SHARP BUT 75
			ANGLE LOST DUE TO BROKEN CORE-QUARTZ
			VEINS UP TO 0.5 INCHES WIDE PARALLEL
			TO & CROSS-CUTTING FOLIATION-FOLIATI
			ON BECOMES WEAKER AND MUSCEVITE CONT
			ENT INCREASES TOWARDS BOTTOM OF BED
			UNIT MAY CONTAIN SEVERAL SMALLER BED
			S WITHIN IT
	199.9	2.3	GWKE INTERMEDIATE TUFF-AS TO 189.4-A 0.2 80
and the second			INCH BAND OF BIOTITE AT 198.1-SEVERA
			L QUARTZ PEBBLES (LESS THAN C.5 INCH
			ES IN SIZE)-UPPER & LOWER CONTACTS S
			HARP BUT ANGLES LOST DUE TO BROKEN C
			ORE
	205-2	5.3	ARK AS TO 129.2 BUT CONTAINS MUSCOVITE-L 70
			OWER CONTACT SHARP PARTS OF SECUENCE
			MAY BE MICACEOUS QUARTZITE
	206.5	1.3	ARK AS TO 205.2-LOWER CONTACT SHARP AT 7 75
··· ··· ··· ··· ··· ··· ··· ··· ··· ··			5 DEGREES-BANDING DUE TO BIGTITE AND
			MUSCOVITE RICH ZONES
	209.3	2.8	ARK AS TO 205.2-LOWER CONTACT SHARP AT 6 65
			5 DEGREES-SEVERAL QUARTZ VEINS PARAL
			LEL TO & CROSS-CUTTING FOLIATION
	219.5	10.2	ARK AS TO 205.2-LOWER CONTACT LOST DUE T 85
			O BROKEN CORE-QUARTZ VEINS UP TO 0.5
			INCHES WIDE-AT 219.3 TO 219.5 SMALL
			UNDULATING QUARTZ VEINS UP TO 0.3 IN
and a second	t destruction and a second second second	و مرود المرود الم	CHES WIDE-QUARTZ VEIN AT 212.6 CONTA
			INS SPECKS PY-AT 212.8 TO 213.4 LIGH

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	UCFIN	LENGTH MNZI			NG	
				TER GREY SECTION CONTAINING SPECKS P		
				Y SIMILAR TO SECTION AT 172.4-UNIT M AY_CONTAIN SEVERAL SMALLER BEES WITH		
······································				GRADATIONAL CONTACTS-POSSIBLE CROSS-		
				BEDDING AT 220.8		
	233.6	14.1	ARK	AS TO 205.2-LOWER CONTACT SHARP AT 8 1	80	
		··· ··· ··· ··· ··· ··· ··· ··· ··· ··	· • • • • • • • • • • • • • • • • • • •	O DEGREES-UNIT CONTAINS SEVERAL BEDS		
				WITH GRADATIONAL CONTACTS-EASAL PART		
				S OF BEDS ARE MG GRADING UPWARDS AND		
				BECCMING FG-THICKNESS OF BEDS VARIAB		
				LE BUT LESS THAN 4 FEET-SPECKS PINK		
				GARNETS AT 133.4		
	246.2	12.6	ARK	AS TO 205.2 POSSIBLE CROSS-BEDDING 1 (	£5	
				N UPPER PART OF UNIT-SLUMP STRUCTURE		
	······	· · · · · · · · · · · · · · · · · · ·		AT 237.6-SPECKS GARNETS AT 238.76 2		
				39.5-CORE AXIS 85 DEGREES AT TOP & B		
				OTTOM OF BED-QUARTZ CALCITE VEIN AT		
				245.4 TO 245.6 WITH IRREGULAR CONTAC TS-AT 234.2 TO 234.7 & 240.1 TO 244.		a construction of the cons
				1 NUMEROUS CLOTS OR BLEBS CF ALTERED		
				FELSPAR (Q) & CHLORITE (Q) LESS THAN		
				0.5 INCHES WIDE (POSSIBLY ALTERED RO		
				CK FRAGMENTS)		
ین از این سروان و در به ایندو اینوان اینوان اینون در در میشود این ا				TS C-73-1235 @ 242.2 MICACEOUS GTE		
	256-8	10.6	ARK	AS TO 205.2-CORE AXIS 85 CEGREES AT	85	
				TOP OF BED & 70 DEGREES AT 254.0-SMA		
				LL SPECKS PINK GARNETS AT 246.7-LOWE		
				R CONTACT SHARP BUT ANGLE LOST DUE T		
				O BROKEN CORE		
	······································			TS C-73-1236 @ 254.5 MICACEOUS QTE		and the second
	211+1	26.3		AS TO 205.2-LOWER CONTACT SHARP BUT &	60	
				ANGLE LOST DUE TO BROKEN CCRE-AT 257 .6 TO 260.6 SMALL CLOTS CR BLEBS OF		
				ALTERED FELSPAR (Q) AS AT 24C.1 TO 2		
				44.1 (CLOTS ELONGATED PARALLEL TO FO		
				LIATION)-EXTENSIVE QUARTZ CALCITE VE		
ter de la transmission de la companya de la company	a da anti-	ander Serveren in der eine Antonis gester einen soweiser einen se	and the second second	INING AT 263.2 TO 264.26 265.5 TO 26	e tal intera	
				6.1-FOLD AXIS AT 274.0 WITH FOLIATIO		
				N AT 45 DEGREES ABOVE FOLD AXIS & 45		
				DEGREES BELOW FOLD AXIS BUT AT 90 DE		
				GREES TO EACH OTHER-CORE AXIS 85 DEG		
				REES AT 257.6.85 DEGREES AT 265.5.55		
				DEGREES AT 267.5,65 DEGREES AT 271.4		
				& 45 DEGREES AT 276.5 (POSSIBLE CROS		
	370 1	·····		S-BEDDINGI		
	278.1	1.0		AS TO 205.2-LOWER CONTACT SHARP BUT 6	2	
	315.2	37.1		ANGLE LOST DUE TO BROKEN CORE As at 205.2-bed FG to 306.0 grading e	<u>م</u>	
a sa ang ang ang ang ang ang ang ang ang an				AS AT 205-2-DED FG TU 300-0 GRADING 8 INTO MG TO BOTTOM OF BED-LOWER CONTA		
				CT AT 90 DEGREES-SMALL QUART2 VEINS		
				FOLDED PTYGMATICALLY AT 278.3 & 279.		
				0-SPECKS PY AT 286.7 & 287.2 (LIGHTE		
				R GREY COLOURED ZONES)-LOCAL QUARTZ		
an a shakara a shekara a shekar		and the state of the		VEINS (LESS THAN 0.5 INCHES WIDE) PA		
				RALLEL TO & CROSS-CUTTING FOLIATION		ан станования на нализирания и правля и правля на казания и инстритерии и установания и станования и станования Правля и правля и прав

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	DEPTH LENGTH MI		C DESCRIPTION SPECKS PINK GARNETS AT 287.6-POSSIBL E CROSS-BEDDING AT 296.1-AT 289.6 TO 292.9,294.0 TO 297.3 & 300.1 TC 301 .3 CLOTS OR BLEBS OF ALTERED FELOSPA R (C) ELONGATED PARALLEL TC FCLIATIO N-CORE AXIS 80 DEGREES AT 278.8,70 D EGREES AT 307.8 & 80 DEGREES AT 314.	ANG		
	318.9 3.7		AS TO 205.2-LOWER CONTACT SHARP BUT ANGLE LOST DUE TO BROKEN CORE-PY LES S THAN 1 PERCENT ALONG FRACTURE PLAN E AT 316.0-FOLIATION POORLY DEVELOPE	85		
	331.0 12.1	. 1991	AS TO 205.2-CORE AXIS 45 DEGREES AT 321.9,75 DEGREES AT 325.4 & 85 DEGRE ES AT 328.0-SPECKS PINK GARNETS AT 3 24.1.324.8 & 327.8-POSSIBLE CROSS-BE DDING AT 319.1-SEVERAL QUARTZ VEINS FOLCED PTYGMATICALLY AT 322.5 FOOT OF HULE NO MAG CR CONDUCTOR EXPLANATION	85		
	na a ser a se a secondara a na s					·
· · · · · · · · · · · · · · · · · · ·		 			······	
	· · · · · · · · · · · · · · · · · · ·					

	BOREHOLE RECORD ********	DATE PROCESSED APR 01,1974
BOREHOLE# PROPERTY NTS#	SH# ANOM# DEPTH AZIMUTH DIP LATITUD	CHK [®] D
55310-0 SAKAMI PROJECT 33F ***********************************	8W 9 298 160 00 -50 00 N 80 ************************************	C h 400 DATE
**************************************	<b>按众 首举 达 为 法 本 存 本 本 本 本 亦 六 文 义 为 有 有 有 有 者 为 办 水 水 水 水 水 水 水 水 本 本 本 本 本 本 本 本 本 本 本</b>	**************************************
LUGGED BYDEBICKI E J STARTED		E BY INSPIRATION-AC CORE-ALL CASING RECOVERED-PE
***********************************	* * * * * * * * * * * * * * * * * * * *	*** ****************************
	SAMPLE ENTRIES	
	LENGTH MNZN ROCK DESCRIPTION 0.0 COLLAR	ANG
	139.0 OVERBURDEN-SAND & GRAVEL-AW TO 146.0 START OF CORE	CASING
141.6	2.6 ARK FG TO MG-DARK GREY-K-SPAR QT CLASE BIOTITE (INCREASING IN TO BOTTOM OF UNIT) ALONG WEAK	CONTENT
	LOPED FOTN PLANES-OCCASSIONAL INS OF WHITE QTZ-LIGHTER GREY SILICEOUS) FG BND AT 140.6 TO	IMCRE
· · · · · · · · · · · · · · · · · · ·	WITH A 0.5 INCH QTZ CALCITE V The upper contact of the BND Inch QTZ calcite vein (light	& A Q.5 Green C
	OLOUR WITH A 0.2 INCH PINK WH D&PAR VEIN INTRUDING QTZ CALC <u>The Lower Contact of the BND-</u> Onal SPKS py Less Than 1 PCNT	ITE) AT CCCASSI
1/2 7	CONTACT SHARP BUT ANGLE LOST Broken core	CUE TO
142.7	1.1 ARG METAMORPHOSED-DARK GREY GREE MG FELDSPAR AMPHIBOLE LATHS ( DANT CHLORITE & BIOTITE (WELL	) ABUN
	PED & SOME CG)-TEXTURE APPEAR DIC-FOTN WELL DEVELOPED BUT W	S GABBR Avy (Po
	SSIBLY A PYROCLASTIC FLOW) GE Parallel to core angle-lower Sharp but lust due to broken KS PY Less Than 1 Pont	CONTACT
143.2	0.5 ARK AS TO 141.6 BUT FG MEDIUM GR S BIOTITE-VERY SMALL WISPS OF INS ALONG SMALL CRISS-CROSSIN	GTZ VE G FRACT
	URES-LOCAL SPRS PY LESS THAN Lower contact sharp at 70 Ceg	
143.9	0.7 GWKE METAMORPHOSED-DARK GREY GREE MG-FELDSPAR AMPHIBOLE ( ) WEL OPED ABUNDANT BIOTITE & CHLOR	L DEVEL
	NG WELL DEVELOPED FOTN PLANES PAR-CHLORITE-BIOTITE SCHIST )	(FELDS
		BCREHOLE# 5531C-O SAKAMI PROJECT PAGE# 1

,	DEPTH I	LENGTH MNZ	N ROCK DESCRIPTION ANG
			R IN COMPOSITION TO PYROCLASTIC AS T O 142.7-SPKS PY LESS THAN 1 PCNT TSC 73-1563 @ 143.4 META-GWKE
×	144.5	0.6	QTE POSSIBLE ANDS-DACITE -QTZ GRAINS (VA 80
			RIATION IN SIZE WITH BIOTITE DEVELOP ED ALONG FOTN PLANES MINOR FELDSPAR
			(K-SPAR STAIN TEST NEGATIVE)-UPPER 1 Inch of unit contains mg qtz porphyr
	<b>.</b> .		IES IN A FG SILICEOUS MATRIX-GREY MG Lower contact sharp but angle lost d
			UE TO BROKEN CORE-AN 0.5 INCH QTZ VE
			IN CROSS-CUTS FOTN AT 144.3-SFKS PY LESS THAN 1 PCNT TSC-73-1564 & 144.2
	145.1	0.6	ARKCSIC QTE GWKE AS TO 143.9-FOTN WELL DEVELOPED BUT 80
	41201		WAVY (SLIGHTLY FOLDED WITH FCLD AXIS
			AT 90 DEGREES TO CORE ANGLED-AT 144.
· · · · · · · · · · · · · · · · · · ·	· ·		<u>5 TC 144.7 SMALL FRACTURE AT 90 DEGR</u> EES TO CORE ANGLE-LOWER CONTACT SHAR
			D AT 75 DEGREES
	146.2	1.1	QTE AS TO 144.5-BNDU APPEARANCE QUE TO L 75
			IGHT GREY WTZ RICH ZONES (NOT VEINS) Less Than 0.5 Inches wide Farallel t
			O CORE ANGLE-VERY SMALL FRACTURE AT
			75 DEGREES TO CORE ANGLE THROUGH ENT
			IRE UNIT (QTZ FILLED)-SLIGHT DEVELOP MENT OF QTZ PORPHYRIES-QTZ VEINS LES
			S THAN 0.5 INCHES WIDE AT 145.7 & 14
			6.1 WITH SHARP IRREGULAR CONTACTS-LO Wer contact sharp at 85 degrees-spks
	an a	t at an	PY LESS THAN 1 PCNT
	146.6	0.4	GWKE AS TO 143.9-LOWER CONTACT SHARP AT 8 65 O Degrees
	146.8	0.2	QTE AS TO 144.5 BUT BETTER DEVWLOPMENT O 80
			F QTZ PORPHYRIES-LOWER CONTACT SHARP
	· · · · · · · · · · · · · · · · · · ·		BUT IRREGULAR-AT 146.7 TO 146.8 A 1 INCH IRREGULAR CLOT OF TUFF ON ONE S
			IDE OF CORE BUT NOT IN CONTACT WITH
			TUFF IN UNIT BELOW-SPKS PY LESS THAN 1 PCNT
	147.6	0.8	GWKE AS TO 143.9-LOWER CONTACT SHARP AT 7 80
	147.9	0.3	5 DEGREES
	141.4	0.3	QTE AS TO 144.5-WELL DEVELOPED SMALL QTZ 70 Porphyries in a light grey matrix-lo
	an and an annual ( ) an ann an an		WER CONTACT SHARP AT 75 DEGREES-SPKS
	148.4	0.5	PY LESS THAN 1 PONT QTE AS TO 144.5 BUT SLIGHTLY CARKER GREY 75
			THAN ABOVE UNIT WITH POORER DEVELOPM
			ENT OF QTZ PORPHYRIES-SPKS PY LESS T
			HAN 1 PCNT-LOWER CONTACT SFARP BUT I Rregular
	149.0	0.6	QTE AS TO 148.4 BUT WITH 50 PENT GTZ VEI
			NING (IRREGULAR CONTACTS)-MINCR SMAL L FRACTURES MAINLY AT C DEGREES-NON
an an taon taon 1999 atau kaominina dia kaominina dia kaominina dia kaominina dia kaominina dia kaominina dia m	and the second of the second	a sea a air ar san san san san san san san ara	FOTC-SPKS PY LESS THAN 1 PCNT

	DEPTH LENGTH 149.4 0.4	
	149.4 0.4	QTE AS TO 148.4-NON FOTD-SPKS PY LESS TH AN 1 PCNT
	150.0 0.6	QTE AS TO 149.0-SPKS PY LESS THAN 1 PONT
		NUMEROUS SMALL FRACTURES AT VARIOUS
		ANGLES-LOWER CONTACT SHARP BUT ANGLE
·····	151.8 1.8	LOST DUE TO BROKEN CORE GWKE AS TO 143.9 BUT NUT AS DARK GREY GRE 65
	171.00 1.00	EN & FINER GRAINED-WELL DEVELCPED FO
		TN PLANES PARALLEL TO CORE ANGLE-SEV
		ERAL SMALL UTZ VEINS CRISS-CROSSING
		FOTN SOME DISPLACED BY NUMEROUS SMAL
		L FRACTURES-LOCAL SPKS PY LESS THAN
		1 PCNT-LOWER CONTACT SHARP BUT IRREG
	151.9 0.1	ULAR QTZ WHITE MASS QTZ VEIN LOWER CONTACT &
		HARP BUT IRREGULAR
	152.2 0.3	QTE AS TO 147.9-LOWER CONTACT IRREGULAR
		SEVERAL FRACTURES AT O DEGREES-SPKS
		PY LESS THAN 1 PCNT
	152.6 0.4	QTZ AS TO 151.9-LOWER CONTACT IRREGULAR 85
· · · · · · · · · · · · · · · · · · ·	153.6 1.0	QTE AS TO 147.9-FRACTURE AT 153.1 TO 153
		•5 AT 20 DEGREES-LOWER CONTACT SHARP At 90 Degrees-spks py less than 1 pc
		NT
	155.7 2.1	GWKE AS TO 151.8-A 1 INCH CLOT OF WHITE N 90
		ASSIVE QTZ AT 154.3-CORE ANGLE 90 DE
		GREES AT TOP & 85 DEGREES AT ECTTOM
		OF UNIT-LOWER CONTACT SHARP AT 80 DE
	155.9 0.2	GREES-SPKS PY LESS THAN 1 PCNT ARG AS TO 142.7-LOWER CONTACT SHARP BUT
<ul> <li>Alternative constraints of the second se</li></ul>	e de la constante en la constante de la constan La constante de la constante de	UNDULATING
	157.2 1.3	GWKE AS TO 143.9 BECOMING AS TO 151.8 TO
		BUTTOM OF UNIT-LOWER CONTACT SHARP B
		UT UNDULATING (BEDDING CONTACT)-SPKS
	159 1 0 0	PY LESS THAN 1 PCNT
	158.1 0.9	ARG AS TO 147.2-LOWER CONTACT SHARP BUT UNDULATING (BEDDING CONTACT)
	158.6 0.5	RYDC CRYSTAL TUFF-PORPHYRITIC GREY FG QTZ
		RICH PLAGIDCLASE BIOTITE CHLORITE MA
		TRIX WITH NUMEROUS SMALL QTZ PORPHYR
		IES-VERY WEAKLY FOLIATED (LINEATION
		OF BIOTITE)-SPKS PY LESS THAN 1 PCNT
		LOWER CONTACT SHARP BUT IRREGULAR TS C-73-1565 @ 158.4 Rydc-crystal tuff
	159.2 0.6	ARG AS TO 142.7-LOWER CONTACT SHARP BUT
		IRREGULAR
	159.5 0.3	GWKE AS TO 151.8-SPKS PY LESS THAN 1 PCNT 85
	• • • • • • • • • • • •	LOWER CONTACT SHARP AT BO CEGREES
	160.4 0.9	QTE MICACEOUS DACITE (ANDESITE )-FG MEDI 85
		UM GREY (DIRTY QTE )-VERY GT2 RICH B IOTITE FELDSPAR ( )-NEGATIVE K-SPAR
		STAINING TEST-FINELY DISS PY LESS TH
		AN 1 PONT-VERY WEAKLY FOTD (LINEATIO
		N OF BIOTITEI-SEVERAL VERY SMALL QTZ
		VEINS-AT 159.5 TO 159.9 SMALL FRACTU

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	DENTH	LENGTH MN			NG
				RES-LOWER CONTACT GRADATIONAL OVER 0 •5 INCHES I-TTO OGI- BEL-H TSC-73	
				-1566 a 160-1-ARKOSIC QTE	
	160.7	0.3	QTZ		
			-	ADING UPWARD INTO UNIT ABOVE (UPPER	
				CONTACT GRADATIONAL)-BIOTITE & SEVER	
				AL SMALL PINK GARNETS-LOWER CONTACT	
				POSSIBLY SHEARED LINCORPORATION OF T	
·····				UFFACEOUS MATERIAL FROM UNIT BELOW &	
				POSSIBLE SLIGH BRECCIATION - SHALL F	
				RACTURES WITH MINOR DISPLACEMENT-LOW ER CONTACT IRREGULAR	
	160.9	0.2		AS TO 147.2-LOWER CONTACT SHARP BUT	
	10019	<b>V</b> • <i>L</i>		ANGLE LOST DUE TO BROKEN CORE-PY AS	
				SMALL BLEBS & ALONG FRACTURES AT TOP	
				OF UNIT (REMOBILIZATION)	
	161.6	0.7	GWKE	AS TO 151.8-LOCAL SPKS PY LESS THAN	35
				1 PONT & AS A SMALL CLOT AT TOP OF U	
				NIT-LOWER CONTACT SHARP AT 85 DEGREE	
				S	
	161.7	0.1		AS TO 147.2-LOWER CONTACT SHARP AT 8	
	161 0	0 0		O DEGREES	
	161.9	0.2		AS TO 151.8-SMALL FRACTURE AT 25 DEG ( REES	
in the second	162.2	0.3		MICACEOUS DACITE (ANDESITE )-AS TO 1	
	40246			60.4-FINELY DISS PY LESS THAN 1 PCNT	
				SEVERAL SMALL FRACTURES-LOWER CONTAC	
	and a second			T SHARP BUT UNDULATING	
	163.1	6.9		AS TO 151.8-LOWER CONTACT SHARP BUT	35
		· · · · · · · · · · · · · · · · · · ·		IRREGULAR-LOCAL SPKS PY LESS THAN 1	
				PCNT	
	163.4	0.3		MICACEOUS DACITE (ANDESITE )-AS TO 1	
				60.4-NETHORK OF VERY SHALL FRACTURES	
				PY AS SMALL BLEBS & ALONG FRACTURES	
				UP TO 1 PCNT (SECONDARY & REMCEILIZE D)	
e en	163.6	0.2		AS TO 143.9-LOWER CENTACT SHARP BUT	
				IRREGULAR	
	164.0	0.4		AS TO 160.4-LOWER CONTACT SHARP AT 8	
				5 DEGREES-MANY SMALL FRACTURES SOME	
				FILLED WITH WTZ-FINELY DISS PY LESS	
	· · · ·			THAN 1 PCNT	
	164.1	C.1		AS TO 143.9-LOWER CONTACT IRREGULAR	
	166 3	0.2		WITH PROJECTIONS INTO UNIT BELOW	
	164.3	0.2		AS TO 160.4-LOWER CONTACT SHARP AT 5 5 DEGREES-UNIT CONTAINS IRREGULAR GT	
				Z VEINING SMALL FRACTURES & IS POSSI	
				BLY BRECCIATED-SPKS PY LESS THAN 1 P	
				CNT	
	164.5	0.2		AS TO 142.7-LOWER CONTACT SHARP BUT	
				IRREGUALR-MINOR GTZ VEINING IN LAST	
				0.5 INCHES OF UNIT	
	164.7	0.2		AS TO 160.4-LOWER CONTACT SHARP BUT	
				UNDULATING-FINELY DISS PY LESS THAN	
				1 PCNT	

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	DEPTH LEN		
	164.9	0.2	GWKE AS TO 143.9-LOWER CONTACT SFARP BUT
	166.3	1.4	UNDULATING <u>GWKE AS TO 151.8-LOWER CONTACT SFARP</u> BUT 80
	10015	4 • •	UNDULATING-SPKS PY LESS THAN 1 PCNT
	166.7	0.4	GWKE AS TO 143.9-LOWER CONTACT SHARP AT 7 80
			5 DEGREES-SPKS PY LESS THAN 1 PCNT
	167.0	0.3	GTE AS TO 160.4-SEVERAL SMALL FRACTURES
			& BIOTITE SEAMS AT 70 DEGREES-SPKS P
**** *** •****************************	168.3	1.3	Y LESS THAN 1 PONT GWKE AS TO 143.9-LOWER CONTACT SHARP-SPKS 85
	20000		PY LESS THAN 1 PONT
	170.2	1.9	RYDC PORPHYRITIC-AS TO 158.6-SEVERAL SMAL ED
			L FRACTURES-WEAKLY FCTD AT 80 CEGREE
			S-LOWER UNIT HAS SEVERAL PERJECTIONS
			UP TO 1 INCH LONG INTO THIS UNIT-SPK S PY LESS THAN 1 PCNT
	172.1	1.9	S PT LESS THAN I PUNT SWKE AS TO 151.8-MAY BE TWO BEDS WITH A S 85
		,	LIGHT GRAIN SIZE DIFFERENCE ACROSS S
	and a second of the second		HARP CONTACT AT 171.7 (MG ABEVE, FG B
			ELOW)-SPKS PY LESS THAN 1 PONT
	172.6	0.5	ARG AS TO 142.7 BUT FINER GRAINED-LOWER
	174 0	1 4	CONTACT SHARP AT 75 DEGREES
	174.0	1.4	GWKE AS TO 143.9-CORE ANGLE 80 DEGREES AT 80 Top of unit & 85 degrees at bottom o
	n an Arthur an Arthur an Arthur an An Arthur an Arthur	********	F UNIT-LOWER CONTACT SHARP AT 80 DEG
			REES-SPKS PY LESS THAN 1 PCNT
	174.3	C.3	SWKE AS TO 160.4 BUT MORE BIOTITE & ANPHI
			BOLE -SLIGHTLY DARKER GREY-SPKS PY L
			ESS THAN 1 PONT-LOWER CONTACT SHARP
···· · · · · · · · · · · · · · · · · ·	174.6	0.3	AT SO DEGREES ARG AS TO 142.7 BUT FINER GRAINED WITH S 85
	11440	0.5	EVERAL PYROXENE ( ) GRAINS UP TO 0.2
			INCHES IN SIZE AT BOTTOM OF UNIT-LOW
			ER CONTACT SHARP AT 80 DEGREES
	175.4	0 • 8	SWKE AS TO 174.3-SPKS PY LESS THAN 1 PCNT
والمتحدية والمستحية المتحدين والمتحد والمحاد المحاد المحاد المحاد	an a		LOWER CONTACT SHARP AT 75 CEGREES TS
	178.6	3.2	C-73-1567 @ 174.9 META GWKE GWKE AS TO 174.3 BUT WITH OCCASSIONAL SMA
	11000		LL QTZ PORPHYRIES-SEVERAL SMALL FRAC
			TURES & QTZ VEINS-SPKS PY LESS THAN
			1 PCNT & ALONG FRACTURE PLANES AT 17
			6.4-LOWER CONTACT SHARP AT 7C DEGREE
	120 0	<b>3 3</b>	SANDL CIMTERG AC TO 140 7 DEET ADDECANT AND
	180.9	2.3	MPH SIMILAR AS TO 142.7 BUT ABUNCANT AMP <u>HIBOLE BIOTITE &amp; R</u> ock Fragments up
· · · · · · · · · · · · · · · · · · ·	·······		TO 0.5 INCHES IN SIZE WITH FOLIATION
			FLOWING AROUND THESE-GRAIN SIZE CIFF
			ERENCES GIVE LAYERED APPEARANCE-POSS
			IBLE FLOW CONTACT AT 179.8-LOWER CON
			TACT SHARP BUT UNDULATING TSC-73
	181.5	0.6	-1568 @ 179.0 BIU ANPH SWKE AS TO 143.9-LOWER CONTACT SHARP AT 8 85
		~~~	O DEGREES
• Complete the device of the state of the spectra device the sector of the spectrum of the	182.9	1.4	WKE AS TO 174.3-SPKS PY LESS THAN 1 PCNT
			LOWER CONTACT SHARP AT 80 DEGREES

		LENGTH MN		
	186.1	3.2	ARG AS TO 142.7 WITH FLOW CONTACT AT 184	
			•8 ICONTORTED FOTN & ROCK FRAGMENTS	
			UP TO 0.5 INCHES)-SEVERAL PYROXENE (
) GRAINS AT 184.9 UP TO 0.4 INCHES	
			IN SIZE-LOWER CONTACT SHARP AT 80 DE	
			GREES	
	186.6	0.5	GWKE AS TO 174.3-SPKS PY LESS THAN I PONT	
			SMALL FRACTURES-LOWER CONTACT SHARP	
			AT 80 DEGREES	
	186.7	0.1	GWKE AS TO 143.9-LOWER CONTACT SHARP BUT 85	
	• • • •		UNDULATING	
	188.2	1.5	ARG AS TO 142.7 WITH SEVERAL GABEROIC R 80	
			OCK FRAGMENTS UP TO 1 INCH AT UPPER	
			CONTACT OF UNIT-LOWER CONTACT SHARP	
and the second sec			BUT IRREG ULAR-FOTN WAVY TSC-73-1569	
			@ 186.8 META ARG	
	188.5	0.3	QTZ VEIN-WHITE MASS INTRUDING INTO TUF	
			F (AS TO 151.8)-CONTACTS IRREGULAR	
	188.8	0.3	GWKE AS TO 151.8-SEVERAL SMALL CTZ VEINS	
			SPKS PY LESS THAN 1 PCNT-LCWER CONTA	
		· · · · · · · · · · · · · · · · · · ·	CT SHARP BUT IRREGULAR	
	189.9	1.1	GWKE AS TO 143.9-LOWER CONTACT GRADATIONA 75	
			L OVER 1 INCH	
	190.2	0.3	GWKE AS TO 151-8-LOWER CONTACT GRADATIONA	
			L OVER 0.5 INCHES	
	190.5	0.3	GWKE AS TO 143.9-LOWER CONTACT SHARP AT 8 85	
			5 DEGREES	
	191.1	0.6	GWKE AS TO 151.8-LOWER CONTACT SHARP AT E	
			5 DEGREES-SPKS PY LESS THAN 1 PCNT	
	193.6	2.5	GWKE AS TO 143.9-LOWER CONTACT SPARP AT 8 85	
			5 DEGREES	
	193.8	0.2	ARG AS TO 142.7-LOWER CONTACT SHARP BUT	
			ANGLE LOST DUE TO BROKEN CCRE	
	195.2	1-4	RYDC PORPHYRITIC-AS TO 158.6-LOWER CONTAC	
			T SHARP AT 90 DEGREES-SPKS PY LESS T	
	100 1		HAN 1 PCNT-FRACTURE AT 0 DEGREES	
	199.1	3.9	GWKE AS TO 151-8 BECOMING COARSER GRAINED 85	
			TOWARDS BOTTOM-SHARP CONTACT WITH FI	
			NER GRAINED UNIT BELOW AT ES DEGREES	
	203 /	0 F	SPKS PY LESS THAN 1 PCNT	
	201.6	2.5	GWKE AS TO 151.8-LOWER CONTACT SHARP AT 9 90	
			O DEGREES-AT 200.6 A 0.5 INCH ENAD O	
			F PYROXENE () GRAINS UP TO C.5 INCH	
	304 5	1.0	ES IN SIZE-SPKS PY LESS THAN 1 PCNT	
	206.5	4.9	GWKE AS TO 174.3-SPKS PY LESS THAN 1 PCNT	
	210 1	11 4	LOWER CONTACT SHARP AT 85 CEGREES	
	218.1	11.6	QTE FG DARK GREY AT TOP OF BEE BECOMING 90	
	e ser a construction de la serie de la		SLIGHTLY COARSER GRAINED & LIGHTER G	
			REY TOWARDS BUTTOM OF BED (NAY BE EQ	
			UIVALENT TO ARKOSE AS TO 236.5)-UNIT	
	· · · · · · · · · · · · · · · · · · ·		CONTAINS SEVERAL BEDS WITH SHARP CON	
			TACTS-K-FLEDSPAR, QTZ, BIOTITE RICH AL	
			ONG FOTN PLANES-SMALL FRACTURES THRO	
алтансын талыматтан кактылык колыптан актырга какталарынан аларталык колотук колотук жатар жака катаруу жака к	an than a shing of the second seco		UGHCUT AT VARIOUS ANGLES-SMALL WISPS DF GTZ VEINS PARALLEL TO FCTN PLANES	

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	DEPTH	LENGTH MNZN		DESCRIPTION PTYGNATICALLY-SPKS PY	ANG	
			SS THAN 1 PC T 75 Degrees	CNT-LOWER CONTACT SHARF S TSC-73-1570 & 207.2		
	218.5	0.4		9-LOWER CONTACT SHARP E		
				DUE TO BROKEN CCRE-POSS 5 INCH) SHEAR WITH QT2		
·····	228+4	9.9	E AS TO 218.1	L-UNIT CONTAINS AT LEAS Y LESS THAN 1 PCNT-LOWE		
	228+6	C.2	KE AS TO 143.9	RP AT 85 DEGREES 9-lower contact sfarp a	03 8 TA	
	228.8	C • 2		L-FG DARK GREY FART OF NTACT SHARP AT 60 CEGRE		
	228.9	0.1		9-LOWER CONTACT SHARP A		
	229.1	5- X. Z	E AS TO 228.8 O DEGREES	B-LOWER CONTACT SPARP A		
	229.3		O DEGREES	-LOWER CONTACT SHARP A		
	230.0		ANGLE LOST D	L-LOWER CONTACT SFARP B Due to broken core 9-Lower contact sfarp a		
	233.2	3.2	O DEGREES E AS TO 218.1	L-LOWER CONTACT SFARP A DDING UNCONFORMITY AT	AT 8 85	
	233.5	0.3	1.8 (E AS TO 143.9	9-LOWER CONTACT IRREGUL MALL QTZ MASS AT 233.4	LAR 85	
	233.6	0.1	TH IRREGULAR AS TO 218.1	and a subject of any and the second		
	233.7	G.1	O DEGREES (E AS TO 143.9 5 DEGREES	-LOWER CONTACT SHARP A	AT 8 85	
e en la companya de l	234.8	1.1		L-LOWER CONTACT SHARP A	AT 9 85	
	234.9	C.1	C PORPHYRITIC T Sharp at 9	-AS TO 158.6-LOWER CON Degrees-SPKS Py Less		
	235 . ŭ	C.7	HAN 1 PCNT AS TO 218.1 5 Degrees-we	-LOWER CONTACT SHARP A	AT 8 65	
	236.5	C.9	(ANDESITE()	FG MEDIUM CREAM GREY		
			PLANES)-CCCA PHYRY-WEAKLY	SSIONAL MG WHITE CTZ P FOTD-SIMILAR TO COARS	POR SER	
	en e	,	Y BE SEQUENC VOLCANICS)-P	S OF BED AS TO 218.1 (E INTERCALATED ARKOS & PY LESS THAN 1 FCNT AS	S. BL	
			VERAL SMALL	VERAL FRACTURE PLANES- <u>QTZ VEINS-LOWER CONTAC</u> &EG REES TSC-73-1571 @	CT	
	237.4	0.9	236.4 META A			

DEPT	H LENGTH MN2	IN ROCK DESCRIPTION ANG	
237		GWKE AS TO 143.9-LOWER CONTACT SHARP AT 9 90	
		0 DEGREES	
238	9 1.3	QTE AS TO 218.1-LOWER CONTACT SHARP AT 9 90	
		0 DEGREES	
239	.3 0.4	ARK AS TO 236.5-LOWER CONTACT SFARP BUT	
		IRREGULAR	
239	.7 0.4	QTZ VEIN-WHITE MASS -LOWER CONTACT SHAR	
		P BUT IRREGULAR	
259	1 19.4	ARK AS TO 236.5-NUMEROUS SMALL FRACTURES	
		WITH PY AS BLEBS LESS THAN 1 PONT AL	
		UNG FRACTURE PLANES-SPKS PY LESS THA	
		N 1 PCNT-LOWER CONTACT SHARP AT 90 D	
		EGREES-WEAKLY FOTU-AT 244.7 A 0.5 IN	
		CH BND WITH SHARP LOWER CONTACT & IR	
		REGULAR UPPER CONTACT-VFG-TURQUOISE	
		WITH SMALL QTZ GARINS-VERY FINELY LA	
		MINATED WITH PLASTIC FLOW-SEVERAL GT	
		Z CEINS (LESS THAN 0.5 INCHES WIDE)	
		TSC-73-1572 @ 244.7 META ARK (WITH B	
264	1 5.0	ED OF RHYODACITE CRYSTAL TUFF.) QTE AS TO 218.1-LOWER CONTACT SHARP BUT 90	
201		IRREGULAR-SPKS PY LESS THAN 1 PCNT-U	
		NIT CONTAINS 7 BEDS WITH SHARP CONTA	
		CTS	
264	3 C.2	QTZ VEIN WHITE MASS -LOWER CONTACT SHAR	
2011		P BUT IRREGULAR	
287	8 23.5	QTE AS TO 218.1 WITH LOWER PARTS OF BEDS 50	
		SIMILAR TO ARKOSE (AS TO 236.5)-UNIT	
		CONTAINS 7 BEDS WITH SEVERAL CTHER P	
		OSSIBLE BEDS (GRADATIONAL CONTACTS)-	
		SPKS PY LESS THAN 1 PCNT-NUMERCUS SM	
		ALL FRACTURES SOME WITH MINOR DISPLA	
	· ·	CEMENT SOME OTZ FILLED & OTHERS WITH	
		BLEBS PY LESS THAN 1 PCNT-CTHER SMAL	
		L QTZ VEINS LESS THAN 0.5 INCHES WID	
		E-AT 271.1 TO 272.2 SHEAR UP TO 1 IN	
		CH WIDE AT 20 DEGREES WITH EXTENSIVE	
200	0 0 0	BRECCIATION & SHARP CONTACTS	
288.	0 0.2	GWKE AS TO 143.9-LOWER CONTACT SHARP AT 7 80	
200	0 10 0	5 DEGREES	
298.	0 10.0	QTE AS TO 287.8-POSSIBLY 2 BECS-NUMEROUS 50 Small Fractures with blebs of py 1 p	
		CNT-SPKS PY LESS THAN 1 PCNT-SEVERAL	
		SMALL QTZ VEINS FOOT OF HOLE	
		NO MAG OR CONDUCTOR EXPLANATION	
······		SPKS PY LESS THAN 1 PCNT THROUGHTOUT	and the second secon
		TOP HALF OF HOLE	
		THIN SECTIONS AT 143.4, 144.2, 158.4	
		160.1, 174.5, 179.0	
		186.8, 207.2, 236.4	
		244.7	
والمراجب المستور والرواب المتعار والمراجب والمتعاد والمتعافلات والمتعافلات	a ay yaanna ah nading ganga may ay ah dibinta gagata gaya ah gag		ana ang ang ang ang ang ang ang ang ang

		BOREHOLE KECORD *****	DATE PROCESSED APR 01,1974 CHK*D	1
\geq	BOREHOLE# PROPERTY NTS# SH# 55309-0 SAKAMI PROJECT 33F 8W ************************************	13 416 130 00 -45 00 N 8CO	EPARTURE ELEVATION LEVEL DATE	
		NCLINATION AND TROPARI TESTS TH AZIMUTH DIP DEPTH AZIMUTH CIF DEP		
			14441444444444444444444444444444444444	
-		T AREA 55		
	** **** *** *** ***********************	SAMPLE ENTRIES	************	
	DEPTH LENGTH N		ANG	
	0.0 0.0	COLLAR		
	130.0 130.0	OVERBURDEN-SAND & GRAVEL-13C FE CASING-START OF CORE	ETAK	1
	135.8 5.8	ARK METAMORPHOSED-GREY TO DARK GREY	-NG 70	14
1		WITH FG BND LESS THAN 1 INCH WID	E AT	
		131.6-QTZ,K-SPAR,PLAGIOCLASE,CHU E,MUSCOVITE,RICH IN BIOTITE ALON		
		LIATION PLANES-PY LESS THAN 1 PC		
		DISS LOCALLY-CORE ANGLE 70 DEGRE		
		T TOP OF UNIT TO 85 DEGREES AT 8		
		OF UNIT-LOWER CONTACT SHARF BUT A E lost due to broken core-local (
	a sa ang ang ang ang ang ang ang ang ang an	VEINING (LESS THAN 0.1 INCHES WI		
		PARALLEL TO FOTN		
	146.2 10.4	ARK AS TO 135.8 BUT FG (DARK GREY) P OF UNIT GRADING INTO MG (MECIU		
		EY) TO BASE OF UNIT (GRADEL BEDD		
*		LOCAL BNDS BIOTITE (LESS THAN 0.	1 IN	
		CHES WIDE) PARALLEL TO FOTN-CTZ		· ·
		ING (LESS THAN 0.1 INCHES WIDE) Llel to & gross-cutting fotn-irr		
: :		AR 0.5 INCH QTZ VEIN AT 136.C-LO		1
		SMALL PINK GARNETIFEROUS ZCNES-A		
		8.2 & 139.1,0.5 INCH BNDS (GRADA AL CONTACTS) OF LIGHT GREY ME CT		
		OTITE & GARNET (POSSIBLY REWORKE)		
		DIMENT)-LOCAL DISS PY LESS THAN		
	159.4 13.2	NT-LOWER CONTACT SHARP AT 70 CEGI ARK AS TO 146.2-LIGHT GREY QTZ-RICH		
		AT 148.5 TO 148.7 WITH CONTACTS /		
	· · · · · · · · · · · · · · · · · · ·	5 DEGREES-SMALL PINK GARNETS AT		
Ì		8 TO 149.3-MINOR QTZ VEINING PARA		
		L TO FOTN-LOWER CONTACT SHARP BUT GLE LOST DUE TO BROKEN CORE-CORE		
		S 70 DEGREES AT TOP OF UNIT:65 DI		
		ES AT 148.5 & 85 DEGREES AT BASE		Ŧ
⊥ . ≰	160.4 1.0	UNIT ARG METAMORPHOSED-MG-GREY GREEN-FOTI	D-810 80	n an state and state
	100.4 1.00	AND REPARATIONED OF GREE GREENTUN		
\subseteq			BCREHOLE# 553C9-0 SAKAMI PROJECT PAGE# 1	

	UEPTH	LENGTH MNZN	ROCK DESCRIPTION ANG TITE RICH, QTZ&FELDSPAR PORPHYRIES LE	
			SS THAN 0.5 INCHES, CHLORITE-CONTACTS	
			SHARP BUT ANGLES LOST DUE TO BROKEN	
			CORE-AN 0.5 INCH QTZ VEIN AT 159.5	
	166.7	6.3	ARK AS TO 146.2-MINOR LOCAL QTZ VEINING- 65	
			CORE AXIS AT TOP OF UNIT 85 DEGREES	
			TO 80 DEGREES AT BOTTOM OF UNIT-LOWE	
	167.2	6.5	R CONTACT 70 DEGREES ARG AS TO 160.4 BUT DARKER GREY GREEN-LO 70	
	4 V I I L	V • 2	WER CONTACT 70 DEGREES	
			C-73-1557 @ 166.8' META ARG	
	174.1	6.9	ARK AS TO 146.2-MINUR LOCAL QTZ VEINING- 75	
			LOCAL DISS PY LESS THAN 1 PONT AT 17	
			0.8 TO 171.2-LOWER CONTACTS OF BEDS	
	P		AT 172.2 (75 DEGREES) & 172.7(75 DE	
			GREES)-QTZ VEINING LESS THAN C.5 INC	
			HES IN WIDTH PARALLEL TO & CRCSS-CUT TING FOTN	
	174.4	0.3	ARK MICACEOUS GARNETIFEROUS GTZ (G) NAY	
			BE A VEIN OR DEPOSITIONAL FEATURE-NG	
			LIGHT GREY-SHARP UPPER & LOWER CONTA	
			CTS AT 60 DEGREES & 70 DEGREES RESPE	
			CTIVELY	
	103 1	18.7	C-73-1558 @ 174.3" META ARK ARK AS TO 146.2-LOCAL MINOR GARNETIFEROU 80	
	17301	T C • 1	S SECTIONS-DISS PY LESS THAN 1 PONT	
			AT 178.6 TO 178.9 & 183.0 TO 163.1-B	
			NDG DUE TO SLIGHT GRAIN SIZE & COLOU	
			R DIFFERENCES & BIOTITE-RICH ZONES W	
			ITH SHARP & GRADATIONAL CONTACTS-GRA	
			DED BEDDING INDISTINCT-MINCR LOCAL Q	
			TZ VEINING (LESS THAN 0.2 INCHES WID	
	193.9	0.8	E) PARALLEL TO FOTN QTZ EXTENSIVE (75 PCNT) QTZ VEINING (POS	
			SIBLY ALONG A SHEAR) WITH CG AMPHIBO	
			LE, MINOR BIOTITE & CHLORITE, ARKOSE R	
			OCK FRAGMENTS (BRECCIATION)-DISS PY	
			LESS THAN 1 PCNT-UPPER & LEWER CONTA	
	102.0		CTS IRREGULAR-REPLACEMENT OF ARKOSE	
	198.0	4.1	ARK AS TO 146.2 BUT NO GRADED BEDDING-MI 80 NOR LOCAL UTZ VEINING-CORE AXIS AT T	
			OP OF UNIT 80 DEGREES & 70 DEGREES A	
			T BOTTOM OF UNIT-LOWER CONTACT SHARP	
			AT 70 DEGREES WITH GTZ VEIN	
	198.9	0.9	ARK AS TO 146.2 BUT WITH 50 PCNT GTZ VEI 60	
			NS (EACH LESS THAN 1 INCH WICE) AS A	
			T 193-9-LOWER CONTACT SHARP AT 60 DE	
	230.0	31.1	GREES QTE NETAMORPHOSED-PLAGIOCLASE,K-SPAR,CHL 60	
		J 1 0 1	ORITE, BIOTITE-RICH FOLIATION PLANES-	
			MG WITH LUCAL FG SECTIONS (GRADATION	
			AL CONTACTS)-LOCAL LIGHTER GREY SECT	
4			IONS (MORE SILICEOUS)-QUARTZ PEBBLES	
· · · · · · · · · · · · · · · · · · ·	Mar 2	n na mana ana ang tangka na sa sa sa sa sa sa sa	(Q) THROUGHOUT COARSEST AT 228.7 TO	
1			229.2 (LESS THAN 0.1 INCRES IN SIZE)	ł
3			BCREHOLE# 55309-0 SAKAMI PROJECT PAGE# 2	ł

	DEPTH LENGTH MNZM	ROCK DESCRIPTION ANG
		LOCAL QTZ VEINS LESS THAN 0.5 INCHES
ŧ		IN WIDTH PARALLEL TO & CROSS-CUTTING
		FOTN-LOCAL DISS PY LESS THAN 1 PCNT
		ASSOCIATED WITH LIGHTER GREY SECTION
		S ESPECIALLY AT 247.6 TO 255.G-CORE
		AXIS 60 DEGREES AT TOP OF UNIT & 70
		DEGREES AT 228.5
	221 0 1 0	C-73-1559 @ 204.0" GRITTY QTE
	231.9 1.9	QTE AS TO 230.0 BUT LIGHTER GREY WITH LC
		CAL DISS PY LESS THAN 1, PCNT-CTZ VEI
		NING AT 230.2 TO 230.3 & 231.7 TO 23
	and the second	1.9 AS AT 193.9
	255.8 23.9	QTE AS TO 230.0 BUT FINER GRAINED-LOCAL EC
		DISS PY LESS THAN 1 PONT-LOWER CONTA
		ĆT IRREGULAR
	256.6 0.8	QTE AS TO 230.0 BUT HIGHLY SILICIFIED WI
		TH A SMALL SHEAR ZONE AT 256.0 TO 25
		6.1 (BRECCIATED)-FINELY BNED & CENTO
		RTED-LOWER CONTACT IRREGULAR
	266.5 9.9	QTE AS TO 230.0-LOCAL DISS PY LESS THAN 80
		1 PCNT ASSOCIATED WITH LIGHTER GREY
		SECTIONS-CORE AXIS TO DEGREES AT 258
		-1 & 90 DEGREES AT 258-2(PCSSIBLE
		CROSS-BEDDING)-LOWER CONTACT GRADATI
		ONAL AT 80 DEGREES-LOCAL QTZ VEINS M
		AINLY CROSS-CUTTING FOTN & SOME FOLD
		ED PTYGMATICALLY
	267.9 1.4	QTE AS TO 230.0 BUT WITH NUMERCUS QTZ VE 80
	201+9 1+4	
		INS (LESS THAN 0.1 INCHES WICE PARAL
and the second		LEL TO FOTN & FOLDED PTYGNATICALLY-L
		OWER CONTACT GRADATIONAL
	283.2 15.3	QTE AS TO 230.0-LOCAL DISS PY LESS THAN 75
		1 PCNT-EXTENSIVE QTZ VEINING 276.2 T
		0 276.4-CORE AXIS 75 DEGREES AT TOP
		& 85 DEGREES AT BOTTOM OF UNIT
and the second	283.7 0.5	QTZ VEIN (Q) OF QTZ,FELDSPAR, AMPHIBGLE, C 65
		HLORITE, BIOTITE-UPPER & LOWER CONTAC
		T SHARP BUT IRREGULAR
	286.3 2.6	QTE AS TO 230.0-LOWER CONTACT SHARP BUT 85
		ANGLE LOST DUE TO BROKEN CCRE-LOCAL
		DISS PY LESS THAN 1 PCNT
	286.5 C.2	ARG AS AT 160.4-DISS PY LESS THAN 1 PCNT
	17 T. K. K.	LOWER CONTACT SHARP AT 65 CEGREES
	288.1 1.6	QTE AS TO 230.0-LOCAL DISS PY LESS THAN
		1 PCNT-QTZ VEINS (LESS THAN 0.05 INC
		HES WIDE AT 287.5 TG 287.6-LOWER CON
		TACT SHARP BUT LOST DUE TO BROKEN CO
		RE
	288.3 0.2	ARG AS TO 160.4-LOWER CONTACT SHARP AT 7
	288.3 0.2	
		5 DEGREES-LOCAL DISS PY LESS THAN 1
	303 0 4 7	
	293.0 4.7	QTE AS TO 230.0-LOCAL DISS PY LESS THAN 65
	366 6 7 9 10 10	1 PCNT
يى يېمىمىرىمى بىر بىر بىر بىرىيىلەر بىر بىر يېرىيىرىيى بىرى بىرى بىرىيىرىيى بىرىيى بىرىيى بىرىيى بىرىيى بىرىيى بىر		OTE AS TO 230.0-DISSPY 1 PCNT 85
	298.6 0.6 MVW	QTE AS TO 230.0 BLEBS PY 1-2 PCNT

	DEPTH 298.8 299.1	LENGTH 0.2 0.3		SEAM	DESCRIPTION ANG MUD SEAM WHITE MASSIVE QUARTZ VEIN-BROKEN COR
	303.6	4.5	MVVW	W F	AS TO 160.4 BUT LIGHTER GREY GREEN SO ITH LATHS AMPHIBOLE (Q) PARALLEL TO DTN-DISS PY 1 PCNT-MINOR LOCAL GTZ EINS LESS THAN 0.5 INCHES WIDE
···· · · · · · · · · · · · · · · · · ·	321.9	18.3		C IRG U Z C R	-73-1560 @ 301.6' META ARG AS TO 160.4 BECOMING LIGHTER IN COLC E0 R TO BOTTOM OF UNIT WITH LIGHT GREY UNES (MORE SILICEOUS & GRADATIONAL DLCUR CHANGE AT CONTACTS)-CHLORITE ICH-POSSIBLE INTERCALATED SECIMENTS TUFF BELOW 310.0 WITH GRADATIONAL
				C (3 U E 3	DNTACTS-QT2 CHLURITE BIOTITE VEINS Q) LESS THAN 1 INCH WIDE AT 303.2, D3.9,312.0,315.9,316.96318.5-NUMERO S LOCAL FRACTURES MAINLY AT 0 DEGRE S ESPECIALLY PROMINENT AT 303.0 TO D4.0,315.0 TO 317.56319.5 TC 321.2-
· · · · · · · · · · · · · · · · · · ·	346.1	24.2		A A TE V 2	DCAL DISS PY LESS THAN 1 PCNT-CORE NGLE 80 DEGREES AT TOP & 70 DEGREES T BOTTOM OF UNIT AS AT 230.0-QUARTZ CHLORITE BIOTITE &5 EIN (Q) LESS THAN 1 INCH WIDE AT 32 .9,328.1 & 328.5 WITH SHARP IRREGUL R CONTACTS (MAY BE DEPOSITIONAL FEA
				T L (A W	JRES)-SEVERAL LIGHTER GREY (MORE SI ICEOUS) SECTIONS-NUMEROUS GTZ VEINS ESS THAN 1 INCH WIDE) WITH IRREGUL R CONTACTS AND AS SMALL FIBROUS NET DRK OF VEINS-NUMEROUS SMALL FRACTUR S AT VARIOUS ORIENTATIONS, SOME WITH
				M B N B	TZ FILLING, SOME WITH MINOR DISPLACE ENT-UNIT MAY CONTAIN SEVERAL SMALL EDS (CONTACTS GRADATIONAL & INDISTI CT)-LOCAL DISS PY LESS THAN 1 PCNT LEBS OF PY LESS THAN 1 PCNT ALONG F ACTURE PLANES AT 328.5 TO 329.0,330
		-		٤ B C	2 TO 330.6,331.5 TO 333.6-AT 327.2 334.4 HAVE 0.2 INCH PY BNDS-CROSS- DDING AT 327.0,334.5 & 344.9-LOWER DNTACT SHARP AT 85 DEGREES CORE ANG E 85 DEGREES AT 324.1, 70 DEGREES A 326.0, 80 DEGREES AT 338.4-AT 339.
····	348.7	2.6		4 E RK)- Al	TO 339.5 QTZ FRAGMENTS (ANGULAR) L SS THAN 0.1 INCHES ELDSPATHIC QUARTZITE (POSSIBLY TUFF -FG & DARK GREY AT TOP (ARKOSIC) GR DING INTO MG & LIGHT GREY BUFF AT B ITOM OF UNIT (FELDSPATHIC QTE)-MINO
· · · · · · · · · · · · · · · · · · ·	- 01 Contra 20, 01 - 20, 1		an analas 1975 - 1975 - 1	R II CI	K-SPAR,CHLORITE & MICA INCREASING I CONTENT TOWARDS TOP OF UNIT-LOWER INTACT SHARP AT 85 DEGREES-AT 346.6 0.5 INCH WHITE UTZ VEIN WITH SHARP

	DEPTH	LENGTH MNZN	ROCK	DESCRIPTION	ANG	
				CONTACTS AT 80 DEGREES-AT 347.5 TO 3	-	
				48.7 VEINS (Q) OF CHLORITE QTZ AMPHI		
				BOLE (Q) AND DARK GREY GREEN VEIN MA		
				TERIAL (Q) WITHIN THE QTZ VEIN & AS		
				A SEPARATE NETWORK OF VEINS-POSSIBLE		
				INJECTION OF QTZ ALONG SHEAR WITH MI		
				NOR BRECCIATION (Q) OCCASIONAL SPKS		
				PY LESS THAN 1 PONT		
· · · · · · · · · · · · · · · · · · ·	340 3	0.5	104	C-73-1561 @ 348.3' ARKOSIC CTE	0.00	
	349.2	0.5	AKK	AS TO 160.4-LOWER CONTACT SHARP AT	A 40	
	24.0 1	10.9	075	DEGREES		
	360.1	10.7	AIC.	AS TO 340.1 BUT LESS FRACTURED-LOCA DISS PY LESS THAN 1 PONT-UNIT MAY CO		
				NTAIN SEVERAL SMALL BEDS (GRADATIONA		
				L CONTACTS)-LOWER CONTACT SHAPP AT 7		
		·		0 DEGREES-CORE ANGLE 90 DEGREES AT 3		
				49.5,80 DEGREES AT 352.5 & 80 DEGRE		
				ES AT 359.5		
	360.3	0.2	ARG	AS AT 160.4-LOWER CONTACT SHARP BUT		
	300 (3		A V	ANGLE LOST DUE TO BROKEN CORE		
	374.3	14.0	OTE	AS AT 346.1-LOCAL DISS PY LESS THAN	85	
				1 PCNT-LOWER CONTACT IRREGULAR (BEDD		
				ING UNCONFORMITY)-MINOR SMALL SCALE		
				FRACTURES AT 371.0 TO 373.0 WITH SPK		
		a mana ang kanang ang kanang ang kanang k		S PY LESS THAN 1 PCNT-QTZ CHLCRITE B		
				IDTITE VEINS (Q) LESS THAN 1 INCH WI		
		· · · · · · · · · · · · · · · · · · ·		DE AT 362.5,368.0,368.5 & 374.1-FINE		
				NETWORK OF WTZ VEINING AT 372.8 TO 3		
				73.0		
an an ann an an an an ann an an ann an a	382.8	8.5	ARK	AS TO 348.7-ARKOSE AT TOP GRACING I	N 85	
				TO FELDSPATHIC QUARTZITE (TUFF) AT		
				BASE OF UNIT-QTZ CHLORITE BIOTITE VE		
				IN (Q) AT 376.9 (LESS THAN 0.5 INCHE		
				S WIDE)-MINOR FRACTURING IN ARKOSE B		
				ECOMING EXTENSIVE IN FELDSPATHIC QTE		
والمراجعين والمراجع والمعادية والمراجع والمراجع والمراجع والمراجع والمراجع والمراجع والمراجع والمراجع		eta e tantante e a por en antan en en en en en en en esta a canada con en en en en		WITH DARK BLUE-GREEN MATERIAL (Q) FI	a state and the second state	والمراجع والرواري والمرور الرواري والمرور والمرور والمعتر والمتعاد والمراجع والمراجع والمراجع والمراجع
				LLING FRACTURES-LOCAL SPKS PY LESS T		
	205 A	.		HAN 1 PONT		
	507 · U	2.2		AS TO 348.7-LOWER CONTACT GRADATION	A 85	
				L-AT 383.2 TO 383.7 SMALL FRACTURE A		
				T 75 DEGREES TO CORE ANGLE WITH MIND		
				R DISPLACEMENT AT 383.4-LOCAL SPKS P V LESS THAN 1 PCNT-CORE ANGLE 85 DEG		
				REES AT 382.9, 75 DEGREES AT 383.4 &		
				DEGREES AT 384.5		
	391.4	6.4		AS TO 348.7 LOWER CONTACT IRREGULAR	85	
		~ • •		BECDING PLANE UNCONFORMITY)-CTZ VEI	~ /	
				NS AT 385.7,387.6 (FOLDED PTYGNATIC		
				ALLY)& 388.0 (LESS THAN G.5 INCHES W		
				IDE)-QTZ CHLORITE BIOTITE VEIN AT 39		
				.8 (1 INCH WIDE) WITH IRREGULAR CON		
		· · · · · · · · · · · · · · · · · · ·		FACTS-SHALL SCALE FRACTURING WITH FR		
				ACTURE FILLING DARK GREEN ELUE MATER		
n a sana any sana ang ang ang ang ang ang ang ang ang		en en fanske fanske opgen is 'n maarste gemeente gester op een ee		AL (Q) AT 391.0 TO 391.4-LOCAL SPKS		
				PY LESS THAN 1 PONT-UNIT DOES NOT GR	a a cargo e a babar na	а реконструкций на составляет на составляет начинаето на составляето на составляето и на составляето и составля По составляето по составляето составляето на составляето на составляето на составляето на составляето на составл

		LENGTH MNZN	ARK	DESCRIPTION ANG ADE INTO AS PURE A FELDSPATHIC GTE (TUFF + AT BASE AS AT 348.7 <u>AS TO 348.7-SMALL FRACTURES AT 392.2 70</u> TO 393.8 AT VARIOUS ANGLES-VEINS OF DARK BLUE GREEN MATERIAL (C) AT 393.	
	393.8	2.4	ARK	AS TO 348.7-SMALL FRACTURES AT 392.2 70 TO 393.8 AT VARIOUS ANGLES-VEINS OF	
		······································		TO 393.8 AT VARIOUS ANGLES-VEINS OF	
				5 TO 393.8-LOCAL SPKS PY LESS THAN 1	
				PCNT-LOWER CONTACT SHARP AT TO DEGRE	
				ES	
	407.4	13.6	ARK	AS TO 348.7-AT 393.8 TO 395.6 CARK & 85	
				REY ARKOSIC UNIT GRADING INTO BUFF G	
				REY FELDSPATHIC QTE (TUFF) WITH MIC	
				A AND CHLORITE TO BOTTOM OF UNIT-NUM	
				EROUS SHALL CRISS-CROSSING FRACTURES	
				SOME WITH DISPLACEMENTS SOME WITH FI	
				LLING OF A DORK BLUE GREEN MATERIAL	······································
				(Q) NUMEROUS QTZ BIOTITE CHLORITE AM	
				PHIBOLE (Q) & DARK GREEN VITREGUS MI	
				NERAL (Q) VEINS (Q) LESS THAN 1 INCH	
				WIDE WITH SHARP TO IRREGULAR CONTACT	
				S (SOME HAVE BEEN FAULTED WITH UP TO	
				0.5 INCH DISPLACEMENTS)-AT 406.1 TO	
				406.2 CG QTZ AMPHIBOLE & DARK GREEN	
				VITREOUS MINERAL (Q) VEIN WITH IRREG	
· · · · · · · · · · · · · · · · · · ·				ULAR CONTACTS (POSSIBLE SHEAR ZONE S	
				LIGHTLY BRECCIATED)-LOCAL SPKS PY LE SS THAN I PCNT-LOWER CONTACT SHARP A	
				T 70 DEGREES-CORE ANGLE 85 DEGREES A	
		· · · · · · · · · · · · · · · · · · ·		T 394.5, 75 DEGREES AT 398.4, 70 DEG	
				REES AT 401.1, 80 DEGREES AT 402.9,	
				6.80 DEGREES AT 404.0	
an a				C-73-1562 @ 402.9" META ARK	
	408.6	1.2		AS TO 348.7-LOCAL SPKS PY LESS THAN 65	
				1 PCNT-LOWER CONTACT GRADATIONAL & I	
				RREGULAR-ARKOSE UNIT GRADES RAPIDLY	
				INTO FELDSPATHIC QTE (TUFF) AT 407.	
	410.3	1.7		AS TO 348.7-LOWER CONTACT SHARP BUT 65	
				IRREGULAR (DEPOSITIONAL UNCONFORMITY	
				LOCAL SPKS PY LESS THAN 1 PONT & A	
				0.05 INCH SEAM PY AT 408.8 PARALLEL	
				TO FOTN	
	416.0	5.7		FG ARKOSIC UNIT (AS TO 348.7 BUT ONL 70	
				Y THE TOP PART OF THE UNIT! WITH NUM	
				EROUS SHALL FRACTURES & NETWORK VEIN	
·····				ING OF QTZ-LOCAL SPKS PY LESS THAN 1	
				PCNT-CORE ANGLE 70 DEGREES AT 412-8	
				& 80 DEGREES AT 413.7	
				EOGT OF HOLE No conductor or mag explanation-loca	
				DISSEMINATED PY LESS THAN 1 PERCEN	
				THROUGHOUT MOST OF HOLE-PY 1-2 PER	
				CENT AT 298.0 TO 298.6	
				THIN SECTIONS AT 166.8, 174.3,204.0	
				301.6.348.3.402.9	
n en	p. ∎.g. – ktorostoromoti i ge	n an an tha an		สามพิมพิมพิมพิมพิมพิมพิมพิมพิมพิมพิมพิมพิม	

المحمو يستبعه سيسته شبيب وسندته استدبه أستبت عشاهم سيبت ستحم أستب

		BOREHOLE RECORD *****	DATE PROCESSED APR 01,1974
BOREHOLE# PROPERTY	NT S#	SH# ANDM# DEPTH AZIMUTH DIP LATITUCE DEPARTUR	
55308-0 SAKAMI PROJECT	1 33F 7E	14 329 150 00 -45 00 N 444 W 1175	
******	*~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	平平平平平平平平平平平平平平平平平平平平平平平平平平平平平平平平平平平平	*************************************
DEPTH AZIMUTH DIP DEPTH	AZIMUTH CIP	INCLINATION AND TROPARI TESTS DEPTH AZIMUTH CIP DEPTH AZIMUTH DIF CEPTH AZIM	
100 -44 45 20(-45 15	300 -46 15	
*****	*******	* ************	******
TOPS OF WEDGES ****** * ****************************	و و و و رو رو رو رو رو رو رو رو		
**************************************	*****	***************************************	***************************************
LOGGED BY AAQUIST B E	STARTED. NAR	16,1973 COMPLETEDMAR 18,1973 DRLC INSPIRATION	COMMENTS
*****	*******	· ************************************	·*************************************
		SANPLE ENTRIES	
		TH MNZN ROCK DESCRIPTION AN	IG
		O COLLAR	
	36.0 36 50.0 14	O OB-SAND & GRAVEL AW CASING TO 38 FT	· · · · · · · · · · · · · · · · · · ·
	20.0 14	• QTE CG TO FG GRADED BEDDING-LT GY IN CG 7 FRACTION-MED GY IN FG FRACTICN-FELDS	5
		PAR QUARTZ BIOTITE CHLORITE- 1% DISS	
		EMINATED PY LOCALLY-UNIT IS MADE UP	
		OF A NUMBER OF BEDS-BASE OF INDIVIDU	
	and the second	AL BEDS OCCUR AT 39.5-1/.3-42.6-43.7	
		-48.3-48.8-49.3-49.7 & 50.0 FEET EAC	
		H BED IS GRADED-THE MAJOR FORTION OF	
		EACH IS CG WITH A FEW INCHES OF FG M ATERIAL AT THE TOP	
		TS C-73-1241 @ 43.9 MICACEOUS GTE	
	54.0 4		Q
		ELOPMENT-LOCAL QUARTZ VEINS C.1 INC	
		H THICK-TOP 1.2 FEET VERY FINELY BAN	
	·	DED WITH 1% DISSEMINATED BY CONTACT	
		WITH ABOVE UNIT SHARP & REGULAR AT 9 O DEGREES	
		TS C-73-1242 @ 51.1" ARKOSIC CTE	
(1) The second s	56.3 2.		5
		55.7 56.3 CONTACT WITH ABOVE UNIT SH	-
		ARP & REGULAR AT 85 DEGREES	
	56.6 0.		
		ITE CONTACT WITH ABOVE UNIT SHARP &	
		REGULAR AT 85 DEGREES TS -C-73-1243 & 56.51 META GWKE	
	60.0 3.		5
		& 60.8 FEET-CONTACT WITH ABOVE UNIT	~
		LOST	
	61.3 1.		
and the second	74 0 1 5		
	76.9 15.		5
		RE AT 64.1-67.0-68.6-69.4-75.7-76.9- LOCAL QTZ VEINING FROM 75.7 TO 76.4-	
		VEINING IS BOTH CRUSS CUTTING & PARA	
		LLEL TO BEDDING-CONTACT WITH ABOVE U	
	ta a contra tra contra cont	NIT SHARP & REGULAR AT 90 CEGREES	
		TS C-73-1244 @ 74.4" GRITTY CTE	

	DEPTH 79.7	LENGTH MNZN 2.8	ROCK DESCRIPTION ANG QTE BASAL FOOT AS TO 50.0-TOP PART OF UN IT BXTD DUE TO FAULTING-FRAGMENTS VA
			RY FROM 0.1 TO 3 INCHES & CONCIST OF
			FG ARK IN A MATRIX OF DK GRN CHLORIT
			IC MATERIAL-QTZ VEIN MATERIAL IS ASS
			OCIATED WITH THE CHLORITIC MATRIX-ON
			E QTZ VEIN SHOWS MINOR DISPLACEMENT-
	00 7	0.0	CONTACT WITH ABOVE UNIT LOST
· · · · · · · · · · · · · · · · · · ·	88.7	9.0	QTE AS TO 50.0 BASE OF INDIVICUAL BEDS A 85
			RE AT 80.9-85.5-86.3-87.1-88.7 FEET- CONTACT WITH ABOVE UNIT SHARP & REGU
			LAR AT 85 DEGREES
	89.3	0.6	WTE FG SIMILAR TO 50.0 BUT NC GRADEC BEC
		••••	DING-CONTACT WITH ABOVE UNIT SHARP-C
			REGULAR AT 85 DEGREES-BASAL CONTACT
			IS AN ERGSIONAL UNCONFORMITY CONTAC
			T SHARP BUT IRREGULAR
	119.7	30.4	QTE AS TO 50.0-BASE OF INDIVICUAL BEDS A 85
			RE AT 89.7-90.5-91.6-93.0-96.1-98.3-
			102.2-111.3-112.5-118.5 & 119.7-CROS
			<u>S BEDDING AT 113.3 FEET 70 DEGREES-L</u> DCAL QTZ VEINING FROM 98.0 TC 99.2 F
			EET BRECCIATION BETWEEN 111.6 TO 112
			-0 AS TO 79.7-CONTACT WITH ABOVE UNI
			T SHARP & REGULAR AT 85 DEGREES
	126.0	6.3	QTE AS TO 50.0 VERY LITTLE CG MATERIAL-2 85
			BEDS AT 122.2 & 126.0 FEET FINE BAND
			ING THROUGHOUT UNIT DUE TO SLIGHT AL
			TERATION IN GRAIN SIZE- 1% PY DISCEM
	1 <i>1 5</i> 0		INATED BETWEEN 122.2 & 123.0 FEET
	145.0	19.0	QTE AS TO 50.0-2 BEDS AT 127.2 & 145.0-B 85
			OTTOM BED IS ALL CG EXCEPT FCR TOP F
			OOT-1 INCH QTZ VEIN AT 136.5 AT 50 D EGREES-QTZ VEINS AT 138.3 & 139.5-LO
			CAL SHEAR WITH CHLORITE BETWEEN QTZ
			VEINS-CONTACT WITH ABOVE UNIT SHARP
			& REGULAR AT 90 DEGREES
	145.9	0.9	BX SEDIMENTARY BX-FG ARK FRAGMENTS 0.1
			TO 1 INCH LONG IN A DK GRN MATRIX-VE
			RY OPEN PACKING AT TOP OF UNIT-CONTA
	157 4	11 6	CT WITH ABOVE UNIT LOST
	157.4	11+3	QTE AS TO 50.0-BASE OF BEDS AT 151.6-155 85
			•7-156•3-157•4-CONTACT WITH ABGVE UN IT LOST
	162.0	4.6	QTE AS TO 50.0-1 BED-BRECCIATED TO 158.5
		· · · · · · · · · · · · · · · · · · ·	AS TO 145.9 REST OF UNIT CG-MINOR FA
			ULTS WITH SLIP PLANES FILLED WITH QT
			Z CHLORITE & CARB MATERIAL- 1% PY DI
			SSEMINATED THROUGHOUT UNIT
	166.6	4.6	DTE AS TO 89.3- 1% DISSEMINATED PY-CONTA
			CT WITH ABOVE UNIT SHARP & REGULAR A
	140 4	1 0	T 85 DEGREES
	168.4	1.8	GWKE AS TO 56.6-CONTACT WITH OVERLYING UN
• • • • • • • • • • • • • • • • • • •	168.8	0.4	IT SHARP & REGULAR AT 90 DEGREES DTE MG MED GY CONTACT WITH ABOVE UNIT LO 90
	*****	~ 4 1	ere no neo ol ontinol utili morte duti en 30

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	DEPTH	LENGTH MNZN		DESCRIPTION	ANG		
	169.6	0.8	ST GWKE AS TO 56.6	-CONTACT WITH ABOVE	UNITI		
			OST				
	190.0	20.4		-BASE OF BEDS AT 17			
				2.5-182.9-186.7-187 NOR FAULTING IN THE			
				ANGLES-MOVEMENT 1			
				2 VEINING AT 165.7			
· · · ·	101.1			AVERLYING UNIT LOS			
	191.1	1.1		-CONTACT WITH ABOVE	UNIT S		
	195.0	3.9		LAR AT 90 DEGREES -MINOR FAULTING 1C	TO 45 0 90		
				UGHOUT UNIT-DISPLAC			
				E OF BEDS AT 191.5-			
	305 0	~ ~		-194.0-195.0	n a station and a station of the sta		·····
	195.9	0.9	OST	TH ABOVE UNIT L			
	196.8	0.9		9 BUT FG-CONTACT WI	тн		
	ನ ನಿ.ಕ.ಪ.			INDISTINCT AT 90 CE			
				5 @ 196.4 MICACEOUS			
	202 • 8	6.0		-BEDS AT 197.2-199.	1-202.8 90		· · · · · · · · · · · · · · · · · · ·
	203.1	0.3		TH ABOVE UNIT LOST Contact with Above	LINTT I		
	203+1	0.3	OST 0510 50.0	CONTACT WITH ABUVE	UNITE		
	208.8	5.7	(1) A REPORT AND A REPORT OF A REPORT AND A REPORT	-ONLY 1 BED-EXTENSI	VE CTZ		
			VEINING WITH	H WALL ROCK INCLUSI	CNS AT		
				NTACT WITH ABOVE UN	IT LO		
	213.3	4.5	ST 195.0	9 GRADED BEDDING MG	TE FC		
	44040			H ABOVE UNIT SHARP			
	n an	2. The second se Second second sec	LAR AT 75 D			······································	
	299.6	86.3		-BASE OF BEDS AT 21			
				0.4-230.8-231.8-234			
				4•0-244•5-245•4-248 3•7-260•3-261•8-265			
				3.0-277.7-279.3-282			
				3.8-299.6-CONTACT B			
				SHARP FG TO CG-BU			
				E WELL GRADED-SOME			
				INDICATING THEY MAY BER OF BEDS-BUT DUE			
				NCT GRADING-THESE B			
			RE NOT SUBD	VIDED-CONTACT WITH			
	360 0	0	UNIT LOST	·•• ::::•••	C1/4 0 D C		
	299.9	0.3	-	T WITH ABOVE UNIT	SHARP E		
	322.6	22.7		-BASE OF BEDS AT 30	4.C-306 85		
			.7-307.5-314	.7-317.1-322.0-322	-6-CON		
				SOVE UNIT LOST-EAND	ING IN		
	220 0	4 4	BEDS SIMILAR		THE (1 11)		
	329.0	6.4		BEDDING POORLY DEF			
				BROKEN IN LAST FOOT			
a a se a construction de la constru				NOR FAULT NOVEKENT			
			FOOT OF HOLD			······································	 Mechanical and the extension of the second seco

	DEPTH LENGTH MNZN ROCK DESCRIPTION ANG NO EXPLANATION FOR CONDUCTOR OR MAG IN BORE HOLE	
а. А.		
p.		
4. L. CMARALIMITE	ECREHGLE# 5530E-0 SAKAMI PROJECT PAGE# 4	

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BOREHOLE RECORD ******

BOREHOLE# PROF 55315-0 SAKAMI *****	PRGJECT 331	FZW	- 61	9 23	4 144 00	-45 00	S 910) W	0.03
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DEPTH AZIMUTH DIF 100 -43 3	30 200 -	-42 45	EPTH A	INUTH	DIP DEPT	H AZIMUT			
TOPS OF WEDGES	***********	*****	*****	******	******	******			****
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LOGGED BY GOUDAL	EDH STARTED		7,1973	COMPLET	ED. MAR	28,1973	ORILLE	BY IN	SP IR
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					PLE ENTRI				
		LENGTH				DESCRIPT	IGN		ANG
	0	2015 Control Control Control Control Programmer Programmer Control Con	names and the second	COL					, . , . y , Mar and
	16.0	0 16.0		TO 1			AVEL AN (ASING	
	22.0	6 6.6			TO MG-DAR		AMOR-BIC-	-CHI-0T	7 60
	22 • 1			PLAG	GARNET P	ORPHYROB	LASTS TO		2 00
ала адарын коолу оулоон саларалда алуу далаан кылып жаналуууунылагы	n an an an ann an an ann an an an an an	ing aging the second and any and any second s	ana para ana fisi an' Melekaresa	Contraction of the provident state contraction and	-73-1765	within the contract of the second	control a second se		
<i>,</i>	23 . :	3 0.7	(GWKE FG	MASS GRAD	ATIONAL	CONTACT N	ITH	
					E NO GARN				
					-73-1766				
	26.	0 2.7			MOD FOTN ORMABLE T		FELUSPAR	SEAMS	65
an a	алаан улсан талан талар улсан талар алар талар тала Талар	ana kanangan sa kata tang mang mangkan kanang ma	an ga anta anta n a mangang na man	the second se	-73-1767	consideration of the party of t	AMPH	nan hala dala dalamina dalam	er en
	26.	6 G.6	l	AMPH MED	GRAINED			T GAR	
				PRBT					
	30.				FOTD OCC	GAR PRBT	S		70
	35.			AMPH AS		****			~
ana ana amin'ny faritr'ora amin'ny faritr'ora amin'ny faritr'ora amin'ny faritr'ora amin'ny faritr'ora amin'ny	37.1	J 2.0	MVW		TO 30.0 W RCENT OCC				U
	42.	0 5 0			TO 30.0 T				
	42. 50.				WITH QTZ-			TO De	1 70
					MAFICS S				- 10
					ALSO-BIO				
				P0-P		erendetering a second opposite second of a		a an	
	53.	0 2.3	1		N GTZ-CAR				
					GAR PRBTS		-1769 MET	A ARK	.
- No and a	53.		······		TO MG MOD			A \$1.5" +4.5"	70
	53.	8 0.4	1		N QTZ-CAR IIBOLE	D WIIM G	WK NKRIZ	ANL MG	
	73.	0 19.2		AMPH WEL	L FOTO AT				
				FELS	T 57.0 AN	OF QTZ-C			
					ILY CONTOR				
	78.	0 5.0	NVVW		D AT 20 T				R
					TE VEINS				
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n nagan an talamatan yan kaka ka an kanan ang ganggang a ang ang ang ang ang		• • •• ••			
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an an ing sa			·		
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	95.0	10.0 5 0 MV0/5		H AS TO 85.0	
	100.0	5.0 MVVI	N ANPI	1 AS TO 85.0	
	102.0	2.0 MVW	ANP	AS TO 85.0 WITH 3 PERCENT PO & PY	50
	107.0	5.0 MVVI	A A NPI	1 AS TO 85.0	
	109.0	2.0 MVW	AMPH	AS TO 85.0 WITH 3-5 PERCENT PO & PY	
	114.0	5.0 MVVI	ANPI	1 AS TO 85.0	
	115.0	1.0	AMPH	1 AS TO 85.0	
	120.0			H AS TO 85.0 MORE GAR PRBTS & CLUSTERS To 50 Percent	50
	122.6			AS TO 120.0 PU & PY TO 5 PERCENT AS FINELY DISS SPKS AND OCC CLOTS	
	127.6				<u>60</u>
	138.5	10.9		1 AS TO 127.6	
	143.5			+ AS TO 127.6	
	145.5			AS TO 127.6 WITH 2 PERCENT POSPY	
	150.0			HAS TO 127.6	
	155.0	5.0 MW	AMPH	I WELL FOTD 20 TO 50 PERCENT GAR WITH 15 PERCENT PO & PY TO C 72 1771 O 163 71 SUIJCALD SHIP	65
	160 0	A C M11	A 14 D+	TS-C-73-1771 @ 153.7" SILICATE SULP IF	
	159.9	4.9 NW		AS TO 155.0 SULPS APPEAR SECONCARY ASSOC WITH FRACTURES & GAR CLUSTERS	
	160.3 160.5	0.4 MW 0.2	GRPT		
	165.9	5.4 MVW		FG MASS PO PY CP TO 30 PERCENT	60
	102+3	344 MVW	GWAC	E GREY-GREEN FG WITH NG BANDS FINELY LAMINATED QTZ FELDSPAR MAFIC GRAINS	50
				IN A MATRIX OF FG BIDECHL KG EANDS	
	and at the first and and got a first gots			LESS THAN ONE INCH IN WIDTH COMP OF	
				QTZ-FELDSPAR-MAFICS. AT 163.7-164.2	
				BRECCIATED ZONE WITH NUMEROUS SMALL	
				FRACTURES AND FRAGS UP TO C.5 INCHES	
				MG CTZ-FELDSPAR VEIN AT 165.3-165.5	
				WITH IRREGULAR CONTACTS. FY UP TO 5	
				PERCENT THRUQUT AS SMALL BLEES	
				TS-C-73-1772 @ 160.8 META GWKE	
	170.9	5.0 MVVW		FG DARK GREY WITH LIGHTER GREY ZONES	80
				QTZ-KSPAR-PLAG-MAFICS BIDECHL RICH	
				ALONG WELL DEVELOPED FOTN PLANES	
				SMALL SCALE PTYGMATIC FOLDING THRUDU	
				T LOCAL QTZ-FELDSPAR VEINS LESS THAN	
				0.5 IN IRREG CTS-SMALL PINK GARS	
				LOCAL DISS PY LESS THAN ONE PERCENT	
				BANDING WELL DEVELOPED DUE TO BIOT	
				RICH LAYERS	
				TS-C-73-1773 @ 168.2 META GWKE	
	187.8	16.9		AS TO 170.9 BUT RICHER IN BIC & SLIG	85
				HTLY DARKER GREY LOCAL SPKS PY LESS	
				THAN ONE PER CENT LOWER CONTACT SHAR	
				P BUT IRREGULAR	
	188.2	0.4		VEIN WHITE MASS LOWER CT SHARP BUT	
المتحاف والمراجع المراجع	192.1		وروبو بردر زرود و استخاصت	IRREG AS TO 170.9 EXT SMALL SCALE FOLDING	

1		VERIN	LENGIH MN.	AT 189.0TO 189.9 Irreg sev qt2 ve	CRIPTION LOWER CT SHARP BUT INS LESS THAN C.5	ANG
	·	192.3 196.5 196.8	4.2	TO 191.8 QTZ VEIN WHITE-FG-M GWKE AS TO 170.9 PEG WHITE-MASS CG F L FLAKES BID SEV	ELDSPAR GREY GTZ SMA ERAL SMALL PINK GARS	
		212.6	15.8	AND SPKS LESS TH GWKE AS TO 170.9 LOW		40
		224.0	11.4		S LOCALLY LARGER 4 TO 193.7-IRREG SHA T-BROKEN CORE SPKS	7(
	······	234.0	10.0	PY LESS THAN ONE GWKE AS TO 170.9 BUT DEFORMATION LOCA CENT FOOT OF HO	WITH ONLY SLIGHT L SPKS PY CNE PER	8
	n na maan ah	. waa aan ahaa ahaa ahaa ah		CONDUCTOR & MAG To 160.5 Py-Po-G	EXPLANATION FROM 150	
				51.9, 75.4, 153. 165.9, 170.9		
1			• • • • • • • • • • • • • • • • • • • •	, ματική το ματικοποιογγατικοποιογγατικό το πορογορατικομογγατικοποιογγατικό παι το		
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		 The Characteristic state is a second state of the sec		an di anang kang kang kang kang kang kang kan	e aanganti, saat oo saad oo , saagaa sa aa eenaamaanagagaaanaa aa ah a	
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LEN 55315-U SAKAMI PRUJECT PAGEN 3

BOREHOLE RECORD *****

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COMMENTS CCRE-DRLD ON LAKE-ALL CASING RECOV	
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BCREHOLE# 55314-0 SAKAMI PROJECT PAGE# 1

¥ 🛔		H LENGT •0 71•			AS TO 45.2-BANDING DENSITY VARIABLE 70
12					THROUGHOUT UNIT-FG TO MG VARIABLE 6 GRADATIONAL-CONTORTED BANDING 137 TO
					141 WITH NO DISTINCT CONTACT TO SEP
					ARATE IT FROM THE REST OF THE UNIT-M
a construction of the second				1	INOR LOCAL VEINS & LENSES OF GTZ-LOC AL OCCURRENCES OF 1% PY-LECAL QTZ F
					SP MATERIAL HAS AN AUGEN TEXTURE
-	166	······································			AS TO 162.0
	171	•5 4•	7 MVW		PO PY 2 TO 7% VARIABLE-GR 60 APHITE THROUGHOUT UNIT WITH A 1 INCH
					PURE BAND AT THE BASE-MINERALIZATIO
					N OCCURS IN BANDS PARALLEL TO SCHIST
					OCITY-LOCAL IRREGULARITY IN THE BAND ING-WHOLE UNIT IS CONDUCTIVE & MAGNE
					TIC
			-		TS-C-73-1576 @ 167.5" META ARK
	176	•6 5•	1 MVVW	ARK	GREENISH GRAY-LOCAL P 60 Y UP TO 1%
	186	.8 10.	.2	ARK	AS TO 176.6 60
		.7 102.		ARK	UNITS OF GREEN & BROWN WITH GRACATIO
					NAL CONTACTS-THE GREEN UNITS ARE QTZ FSP CHLC MINOR BIOT-THE BRCWN ARE QT
					Z FSP BIOT MINOR CHLC-SOME GREEN UNI
	n Allen en e				TS ARE FG THAN THE BROWN-CONTACTS BE
					TWEEN UNITS ARE GRADATIONAL OVER 0.5 INCHES-LOCAL OCCURRENCE OF 1% DISS
		···· ··, ···· · · · · · · · · · · · · ·			PY-4 INCH QTZ VEIN AT 239.5-ANGLE OF
					CORE VARIES FROM 60 TO 70 CEGREES-F
and the second	an an an an analas an antar an ann an				OOTAGE AT BASE OF BROWN UNITS IS 204 •8 215•2 229•2 234•6 224•2 268•7 279
					• 6 289•7
					TS-C-73-1577 @ 200.0* META ARK
	294	•2 4•	5 MVVW		GRN-MG QTZ FSP CHLC BIOT- 1% PY&PO 70 Occurs in Narrow Stringers & Ciscem
8					INATED-CONTACT WITH ABOVE UNIT GRADA
					TIONAL OVER 0.2 INCHES
	296	•8 2•	6 MVW	ARK	AS TO 294.2-1 TO 2% DISS FY-QTZ FSP BANDS OCCUR IN BOTH UNITS AS TO REST
					OF HOLE-CONTACT WITH ABOVE UNIT GRA
					DATIONAL OVER 1 INCH
y a start of the s	302	•0 5•	2 MW	ARK	GRAPHITIC-BLACK-FG-7% PY 8% PC GTZ F 80 SP BLEBS INSTEAD OF BANDS-CONTACT WI
					TH OVERLYING UNIT GRADATIONAL OVER 1
					INCH-SULFIDES OCCUR AS THIN STRINGE
	307	n 5.	C MW		RS AS TO 362.0-7% PY 13% PO 80
	312		C MW		AS TO 302.0-SULFIDE STRINGERS LOCALL 65
			1811 — Inc Sec.		Y DEFORMED-REMOBILIZED SULFIDE INDIC ATED BY SMALL PY CUBES
			O MW		AS TO 312.0-15% PO 5% PY 70
	322 327		O MW		AS TO 302.0-15% PO 3% PY 80 AS TO 322.0 80
	327		O MW		AS TO 302.0-12% PD 5% PY 70
ά	e a ser e a de la composición.	, A tu na ti kan sa kanan	with the state of the second		PS C-73-1578 a 327.7
					BOREHOLE# 55314-0 SAKANI PROJECT PAGE# 2
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		LENGTH					IPTION		ANG		
	337.0 342.0				AS TO 322. AS TO 302.		0 39 DV		70 70		
	345.3				AS TO 302				60		
	346.8				2% PO 1%				70)
							ED-CONTACT				
and a second	a ana ka s					HARP & R	EGULAR AT 7	5 DEGRE			
	353.2	6.4	MW		ES AS TO 302.	0-78 PG	3% PY BASA	L 5 INCH	75		1
							BANDS & 2%				
							VE UNIT SHA	RP & IR			г і
		E 0			REGULAR AT		EES -mg-grn gy-	CC EVELT	70		
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						and the state of t	SHARP & RE	GULAR A			
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	382.7	24.5					VARIATION I T 366.3 A S				
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5							TO A MG LNI				N
							T AT 80 CEG				
					A INCH QTZ		T GY TO GRN 371-6	GY-A			
							.4 META GW	KE			
	387.7				AS TO 382.				_		
	392.7	5.0	MW			7-10% P	O AS IRREGU	LAR STRI	80		
	396.5	3-8	ML		NGERS As to 392.	.7					-
	401.5						LY PG 18 1	INCH QT	75		
a second seco							1 AT 399.6-				
						ING UNI	T LOST DUE	TC GROU			
	402.2	C. 7			ND CORE AS TO 401.	.5			75		
	409.8						TZ FSP CHLC	BICT-TH			
							P 2 PER INC	н			A i
	411.8			-board and a second second	AS TO 409.	An analysis of the second s	G D MG AT EAS	E EC AT			
	416.4	4.6		-			DS OF 7% PC				
					SCH 1 AT 41						
	457-4	41.0					CTS BETWEEN		75		l
					GRN SCH IS PS AT 453.3		DNAL 3 PC S	TRINGE			1
and a second	462.4	5.0	MVVW		AS TO 409.		NGR WIDE	an an Aranata an an			
		200					2" ARGILLA	CEOUS			
		·····			QTE						
	465 . 3	2.9	MW				-MG-GY-QTZ E now occur				
							STRINGERS-				1
4					IZATION OF	SULFIDE	ALONG FRAC	TURE PL			
							EVELOPMENT I				
5							TALS UP TO H QTZ VEIN		······		
							CONDARY PY				1
					ED AT ITS E	OUNDARY	n a sur an	, en e		na na ser en	
2	470.4	5.1	MVVW	QTE	AS TO 409.	8-LOCALI	LY 1% PC		03		
								R	GREHOLI	E# 55314-0 SAKAMI PROJECT PAGE# 3	

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		BOREHOLE RECORD *****	DATE PROCE	SSED APR 01,1974
		DEPTH AZIMUTH DIP LATITUCE		СНК • D • • • • • • • • • • • • • • • • •
55312-0 SAKAMI PROJECT		260 160 00 -50 00 N 795 **********		0ATE
		ATION AND TROPARI TESTS IMUTH DIP DEPTH AZIMUTH DIP D		
			EPIN AZIFUIN DIP	
<u>*************************************</u>	******	*****	********	** * * * * * * * * * * * * * * * * * * *
	*****	********		*****
DGGED BYAAQUIST B E	STARTEDMAR 12.1973 (COMPLETEDMAR 17,1973 DALE IN	COMMENTS SPIRATICN-CREC ON LAKE-ALL C	ASING RECOVERED-PER
		MIT 547	1	
<u> </u>	******	<u>*************************************</u>	***********	******
	DEPTH LENGTH MNZN RO	JCK DESCRIPTION	ANG	
	0.0 0.0 260.0 260.0	COLLAR OVERBURDEN-3 FEET ICE 2 FEET 55 FEET SAND & QUICKSAND-171 F	EET OF	
		<u>NW CASING & 248 FEET AW CASING</u> RODS DRIVEN TO 260 FEET & STIL VERBURDEN- FOOT OF HOLE		
an a		······	· · · · · · · · · · · · ·	
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	BOREHOLE RECORD	DATE PROCESSE	D APR 01,1974 HK®D
55313-0 SAKAMI PROJECT 33F 2W 63	**************************************	h 400 ********************************	DATE ********
**************************************		**************************************	*****
****	ASING 1	AW SHOE-PERMIT 547	
*****	SAMPLE ENTRIES	*****	
DEPTH LENGTH MNZN P	CCK DESCRIPTION	ANG	
0.0 0.0 281.0 281.0	COLLAR OB-3 FEET ICE 2FEET WATER 276 F MUD SAND PEBBLY SAND-HOLE A0 D IN OVERBURDEN- FOCT OF HOLE	ANDONE	
	D IN OVEROUNDEN- FUCH OF FILLE		
		and a second	
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		BOREHOLE# 55313-0 SAKAMI	PROJECT PAGE# 1

		BOREHOLE RECORD ******	DATE PROCESSED APR 01,1974 CHK D
>		SH# ANOM# DEPTH AZIMUTH DIP LATITUDE DEPARTUR	RE ELEVATION LEVEL
	55311-0 SAKAMI PROJECT 33F 21		
		INCLINATION AND TROPARI TESTS	
	DEPTH AZIMUTH DIP DEPTH AZIMUTH CI	P CEPTH AZIMUTH DIP DEPTH AZIMUTH CIF CEPTH AZIM	NUTH CIP
	****** *******************************	*************	************
		* * * * * * * * * * * * * * * * * * * *	************
	LOGGED BYDEBICKI E J STARTEDMA	NR C8,1973 COMPLETEDMAR 11,1973 DRILLED INSPIRAT NG AND SHOE BIT	COMMENTS TICN-DRILLED CN LAKE-26 FEET OF AW CASI LEFT IN HOLE-PERMIT AREA 547
	******	******	************
	DEPTH LE	SAMPLE ENTRIES NGTH MNZN ROCK DESCRIPTION AN	NG
	0.0 170.0 1	A straight 22 Straight St Straight Straight S	· · · · · · · · · · ·
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		a and a second a second se	and the second
	and the second		e de la construcción de la constru
		BCR	EHOLE# 55311-0 SAKANI PROJECT PAGE# 1

					LE RECOR	-			
BOREHOLE# PROPERTY	NTS#	SH#	ANOM#	DEPTH	AZIMUTH	DIP	LATITU	E DEPA	ARTURE ELE
55316-0 SAKAMI PROJECT	33F .	24		577	180 00	-45 00	S 92	20 E	800
DEPTH AZIMUTH DIP DEPTH 100 -44 45 200 577 -26 30 *****	AZIMUTH	DIP DEPTI 2 45 300	H AZIN D	UTH DI -41	P DEPTH 30 400	AZIMUT	H DIP -36 15	DEPTH 500	AZINUTH -3
TOPS OF WEDGES	*******	******	*****	** * * * * *	********	******	******	*****	********
*****	*****	*****	*****	** * * * * *	*****	*****	******	*****	*******
LOGGED BYGOODALE D H									
	******		****	******		and	NG ABO	<u>IVE WAT</u>	ER LEVEL
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	•			T GRAI	NS ALONG	FRCT Z	ONE AT	10 DEGF	
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,	49.6	0 1	8 6 0		E-CRSCTG				
	49.8	0.2			BIOT RI				
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a for a na a consector consectante a la la consecta da consecta da consecta da lo consecta da consecta a consecta da conse	n na sea ann an tha na seannach thataidh de stàraidh tha s	a per trabajo de seu ober avec o tras contra tras	andan in a sanananan daganan a	CONTRACTOR AND A DEPARTMENT	R CT SHA	and a first second that a standard strategy and the second	defect a second se		Ar Andrews
				ZONE					
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					3-1774 @		META GWI	KE.	
	57.1	0.1	GWK	E CTC Z	ONE ABUN	DANT BI	OT AT 30	C DEGRE	EES 30
		_			UPPER &				•
	61.3	4.2 MV	VW UM		TALC & T MES COAR				
					T DEVELO				
				*	LED TEXT				
				TLES-T	REN AND	TALC	GRAIN S	IZE INI	T
					INCREASE				D
	L.L. C		л. М. 1.14	Distriction of the second second second	LE AS LO				
	64.5	3.2	GWK	E AS IL	1 37.0 UP	FCR UI	SUNKE A		

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RE ELEVATION LEVE	

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	Ministère des Richesses Naturelles, Québec SERVICE DE LA
	DOCUMENTATION TECHNIQUE
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	DEPTH	LENGTH MNZN	
			REES 0.1 INCH BIOT RICH ZONE AT CT LOWER CT SHARP BUT IRREGULAR
	44 1	1 4	TS-C-73-1775 @ 62.8' META GWKE
	66.1	1.6	ANDS INT FG MASS LT GY-GRN BIOT TO 20% LOWER CT SHARP BUT IRREGULAR
			TS-C-73-1776 @ 65.1" META AND BASALT
	68.4	2.3	GWKE AS TO 64.5 WITH CRSCTG & CNFMBL QTZ
			CARB VEINS FOTN AT 40 DEGREES TO CA
:	100.7	32.3	BSLT MAFIC FG MASS LT GRN QTZ-CARE VEINS
			UP TO 0.5 INCH FROM 71.4 TO 71.7 MI
			CACEOUS QTZ ZONE CTS SHARP BUT IRRE
		10.7	GULAR VEIN OR POSSIBLE QTE BAND()
	111.4	10.7	BSLT FG-MG BOTH CTS SHARP BUT IRREGULAR T5-C-73-1777 @ 103.4-META BASALT
	111.5	0.1	GWKE FG GY GRN QTZ & FSP FGMS TO 1.5 MM
· · · · · · · · · · · · · · · · · · ·			SUBAGLE TO ENDE SOME FOMS HE HE
			BOTH GTZ & FSP
······	111.6	0.1	BSLT AS TO 111.4 CTS SHARP BUT IREG
	112.0	0.4	GWKE AS TO 111.5
	112.4	0.4	BSLT AS TO 111.4
	113.5		GWKE AS TO 111.5
*	115.4	1.9	BSLT AS TO 111.4 SUBRNDD VOLC ROCK FRGN
	122.5	7.1	AT 114.0 GWKE BICT-AMPB-CHL FSP SPKS FSP TC 2 MM
	16693		118.7 TO 118.9 INCRD BIOT CONTENT I
			NCRD AMPB G SIZE NO SPKS FSP 118.9
			TO 119.1 LESS BIOT THAN ABOVE MAINL
			Y ANPB & CHL SPKS FSP & OCC SPKS PY
			119.1 TO 119.2 INCRD QTZ & FSP CONTE
		,	NT 119.2 TO 119.8 AS TO 118.7 119.
			8 TO 120.5 MORE FELSIC THAN ABOVE UN
			IT 120.5 TO 121.2 AS TO 118.7 121.2
			TO 122.5 INCRO BIOT CONTENT LESS AMP
			B THAN ABOVE IN MATRIX AMPE VEINING UP TO 0.6 INCH
	126.0	3.5	VOLC MAFIC FG MASS DK GRN OCC CTZ VEINS
	126.5		VOLC CT ZONE BROKEN CORE DERNO GTZ VEINI
			NG
	127.0	0.5 MVVW	UM FG DK GRN MATRIX-MASS NG-CG NT BIO
			T RICH AT CTCS STGL NTC
	133.7	6.7 MVVW	
			BTS MINOR BIDT WITH OCC SPKS MT
	148.7	15.0 MVVW	STGL MTC
	140.1	TOPO MAAN	UN FG MOUSE GRY TALC-SRPN MATRIX WITH C G PRXN PRBTS -GRN TO BK OCC 2CNES
		1 de statistique en construction en	CG TALC STGL MTC AS TO 133.7
	163.7	15.0 MVVW	
			ALSC PRXN FINER GRAINED THAN ABOVE
	171.3	7.6 MVVW	
	172.7	1.4 MVVW	
	· · · · · · · · · · · · · · · · · · ·		TALC TO 2 MM & SPKS MT STGL MTC
	173.3	0.6 MVVW	
	173.9	C.6 MVVW	
	174.6	C.7 MVVW	MTC UM AS TO 127.0
	4174G	VOI PITT	UTE AJ 1U IZIOU
			BOREHOLE# 55316-0 SAKAMI PROJECT PAGE# 2
	······································		DUNERULER DIDIG-U DANARI PRUJELI PAGER 2

	OEPTH	LENGTH	MNZN I	R D CK		DESCRIPTION		ANG
	174.9	0.3	MVVW (UM	AS TO 173.9)		
	175.0	0.1	MVVW (UM	AS TO 127.0	•		
	179.3		MVVW L		AS TO 133.7			
	180.0	-	MVVW (AS TO 127.0			
	195.0		WAAM 1		AS TO 133.7			
	210.0	· · · · · · · · · · · · · · · · · · ·	WVVW L	and indeed on the second	AS TO 133.7			
	225.0		MVVW I		AS TO 133.7			
-	240.0	15.0	MVVW (UM		BUT INCRD SR		
						TH MOTTLED AP		
						LOTS IN OLIVI	VE-SRPN MAT	
	211 0	()	MARTI / 1	1.1.2	RIX-WITH LIT			
	246.0	C • U	NVVW (AS TO 240.0		- 0.0 h	
						TALC-OLIVINE		
						XN & OLIVINE OM FG TALCOSE		
						TO STGL MTC PI		
					DUNITE (Q)			
	249.6	3.6	MVVW I	M		TALCOSE THAN	ABEVE	
	₩.1.7 9 Y .					CG OLIVINE &	a server warden op alle alle alle alle alle alle alle all	
					S MEDIUM TO			
	250.4	0.8	NVVW (MU		TRIX ENTIRELY	GRANULAR I	
						CONTENT OCC		
					INE OLIVINE			
			and the second second		TS-C-73-1778	249.9' MET	N UM	
	252.0	1.6	MVVW L	JM	AS AT 248.7			
	252.6	0.6	MVVW (U M	AS AT 250.4			
	253.2		MVVW L		AS AT 249.6			
	255.1	1.9	MVVW (UM	AS AT 250.4			
						-a 254.6" NET	A UM	
	256.4		MVVW L		AS AT 249-6			
	257.1		MVVW (AS AT 250.4			
	257.7		MVVW L		AS AT 249.6			-
	272.7	12.0	MVVW			OLIVINE CONTI OF UNIT DOWN		
						a 262.4" ALTI		
77	280.0	7.3	MVVW L	i M	AS PREV ENT		INCE FERID	
	280.7		MVVH (H GY TO BK STO	NTC POSS	and the second
	20011				TBLE STEATIZ			
	281.0	0.3	MVVW L			0.5 IN BIGT H	ICE ZONE	
						CT AT 60 DEGRE		
	302.4	21.4	ſ			R CT WITH GRAD		
en e		-			EASE IN G SI	ZE DOWNHGLE DO	C GTZ VEI	
					NS G SIZE DE	CREASES AS LO	ER CT IS	
					APPROACHED			
: 	302.5	6.1	MVVW C			CH CT ZONE 40	CEGREES TO	· · · · · · · · · · · · · · · · · · ·
					CA			
	302.7		MVVW			LOWER CT SHAF		
	304.2	1.5	MVVW			RIX WITH CG NE	PAILELASTIC	
	3/1/ E	<u> </u>	MARKET I		& SHEAF-LIKE		6 7648 PDP	_
	304.5	0.00	MVVW L			BUT NO MT THI OT RICH ZONE 2		
						LOWER CT AT 4		
	310.0	5.5				ONATE-BIOT-CHL		60
	31040	202	,		TS-C-73-1781			
έ	310.3	0.3	1		SEAM CORE B		a da sera sera se a sera se sera se	n na
	~~~	~ ~ #	•					
							E	GREHOLE# 55316-0 SAKAMI PROJECT PAGE# 3

	DEPTH	LENGTH	MNZN RO	CK DESCRIPTION
	312.5			K AS TO 310.0
	312.7		TA	LC SEAM CORE BADLY CRUSHED
	312.9			K AS TO 310.0
	313.4	0.5	TA	LC SEAM CORE CRUSHED
	314.0	0.6	QT	E FG WITH CHL & BIOT AS STREAKS GIVING
				A MOTTLED APPEARANCE
n an				TS-C-73-1782 @ 313.5' MICACECUS QTE
	314.6	0.6	TA	LC SEAM CORE CRUSHED
	317.0		QT	E AS TO 314.0 BUT INCREASING CHL & BIO
				T CONTENT DOWN HOLE
	323.3	6.3	QT	E GRADATIONAL CT WITH ABOVE UNIT GRAIN
				SIZE DIMINISHING DOWN HOLE
				TS-C-73-1783 @ 322.1' ARGILLACEOUS
				ARKESIC GTE
	328.7	5.4	QT.	E FG MORE SILICEOUS THAN ABOVE MAINLY
				QTZ WITH BIUT & CHL BECOMING LESS SI
				LICEOUS DOWN HOLE FROM 326.0 TO 328
				.O LIGHT RED TINGE TO CORE-POSSIBLE
	<ul> <li>Contraction of the second se Second second se</li></ul>	an a	n an	HEMATITE LOWER CT DEFINED BY G SIZE
				DIFFERENCE WITH NEXT UNIT CT AT
				20 DEGREES TO CA
				TS-C-73-1784 @ 324.0' MICACECUS CTE
				TS-C-73-1785 @ 327.2" HETA ARK
	340.8	12.1	AR	G MG FSP QTZ & QTZ-FSP FGMS SURROUND
na landa landa an ang ang ang ang ang ang ang ang ang	a a para na para para dia dari da	a an ann air air air an tarainn an	n oli il construction di construction (1755) Mente Antigager	ED BY FG TO NG CHL & BIOT AT 333.0
				POSSIBLE ANTHOPHYLITE. BECCHING FINE
				R GRAINED FROM 333.0 TO END CF UNIT
				THEREFORE TOPS ARE DOWNHOLE ECTTOM
				6 IN OF UNIT VFG-CT ZONE WITH VOLC
				BELOW CT IREG NOT WELL DEFINED
улаан улаан буулаан буулаан билуулаан тоолоон билээлээ. Элтэн баан айлаастаастаан бөлөн элтээн булаастаар жайла Тараа			e del regione della constancia della con 11 constana e consegui	TS-C-73-1786 @ 332.8-META ARG
				TS-C-73-1787 @ 336.8-META ARG
	343.3	2.5	VQ	LC MAFIC DK GY-GRN FG FOTO BIOT RICH Z
				ONES UP TO 0.1 IN WIDE AT 50 DEGREES
				TO CA
	363.1	19.8	DI	A FG AT UPPER CT WHICH IS GRACATIONAL
				BECOMES COARSER DOWNHOLE 0.5 IN GTZ
				VEIN AT 350.5
	364.2	1.1	QT	Z VEIN CTS SHARP BUT IREG
	399.3			A AS TO 363.1 BUT FINER GRAINED OCC
			-	QTZ VEINS & OCC THIN FLAKES PY ALONG
			warment and construction and are a	FRACTURES
	401.8	2.5	MVVW UN	
		-		GRADES INTO FG DK GRN ZONE OF MAINLY
a and a construction of the second		· · · · · · · · · · · · · · · · · · ·		AMPB WHICH GRADES INTO A SOFTER DK G
				RN FG CHL-AMPB ZONE WITH CG BIOT
				UPPER AND LOWER CTS SHARP AT 60 DEG
		a a a a a a a a a a a a a a a a a a a		REES
	405.6		QT	E AS TO 328.7
	409.7	4.1		FG FSP QTZ BID CHL AMPB FCTN AT 50
	· ·			DEGREES OCC CARB VEINS MAINLY CNFMB
				L TC FOTN
	414.6	4.9	AR	C PRPC PRIMARILY PLAGIOCLASE PHCR UP
	414.0			
	0 • 11 F	ener an an an an an	A 1-12 Meteory of the second second second second	TO 0.15 IN SURROUNDED BY FE MTX CF
	••••••••••••••••••••••••••••••••••••••	ennes parte en segue a	an ta da aliante e como se se se como de la seconda de	

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×			1	R CT SHARP AT 55 DEG		
				TS-C-73-1788 @ 417.7" META FEBBLY		
				ARK		
	417.1	2.5		AS TO 409.7 BUT HIGHER FSP CONTENT	55	
			a second de la seconda de l	FOTN AT 55 DEG		
	417.3			PRPC AS TO 414.6		
	418.0			AS TO 417.1 OCC CARB SEAMS		
	418.1		The state of the second second	PRPC AS TU 414.6		The second
	439.5			AS TO 417.1 FOTN AT 60 DEG	60	
	449.8	10.3		MAFIC FG GY-GRN MASS GTZ-FSP-CHL-AM		
		2.1		PB-MINOR BLUT & DCC QTZ VEINS		
	450.9	1.1		CT ZONE LIGHT GRN FG-MG AMPE MG FS		
	100 -	• •		P QTZ BIOT & CHL	-	
	452.5	1.6		UPPER CTC LOST-BROKEN CORE EK GRN F	G	
				BECOMING COARSER AS LOWER CTC APPROA		
		14 0		CHED LOWER CT SHARP AT 50 DEG		
	408-5	16.0		PRPC AS TO 414.6 SPKS PY TO 14 IN		
				PLACES OXIDIZED-STAINLING CORE RUSTY		
	440 7	1.2		BRWN LOWER CTC SHARP AT 65 DEG		
	469.7			AS TO 452.5 MG		
	473.3	3.0 MV		FG GY-GRN TREM-BIOT-TALC INCREASING		
				S SIZE DOWNHOLE TREM & BIOT BECOME		
	470 4	A 1 MM		IG IN FG TALC MATRIX		and the second
	473.4 473.5	0.1 MV 0.1 MV		AS TO 401.8 BIOT RICH CTC ZUNE AT 55 DEG	55	
	478.4	4.9			22	
	478.5	0.1 MV		AS TO 310.0 LOWER CTC AT SO DEG BIGT RICH CT ZONE		
	478.6			AS TO 401.8		
	479.2			AS TO 401.0 AS TO 473.3 BUT MG-CG		
and the second	481.5	2.3 MV		FG-MG GY SLI FOTN AT 65 DEG SPKS MT	4 E	
	101+1			AT 479.3 TO 28 BOTH CTCS GRACATION	65	
	483.3	1.8 MV	-	AS AT 133.7		
		12.6 MV		GY FG GRANULAR TALC RICH ECC		
	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			SPKS MT STGL MTC 487.8 TO 489.0 NE		
		, e se s		ATOBLASTIC AMPB DEVELOPMENT		
	511.0	15.1 MV		AS AT 133.7 INCG OLIVINE FROM 509.0		
	514.8	3.8 MV		AS AT 495.9		
	515.0	0.2 MV		AS AT 127.0 NT CLOTS TO 1 INCH		
	515.5	0.5 MV		AS AT 495.9 LOWER CT SHARP AT 70 DEG	3	
	516.2			AS AT 127.0	-	
	516.9			FG TALCUSE MTX WITH MG AMPE		
	531.9			AS AT 133.7		
	546.9			AS AT 133.7		
	561.9	15.0 MV		AS AT 133.7		· · · · · · · · · · · · · · · · · · ·
	577.0			AS AT 248.7 FOOT OF HOLE		
				HIN SECTIONS AT 55.1, 62.8, 65.1,		
				03.4,249.9,254.6,		
				62.4,307.8,313.5,		
· · · · · · · · · · · · · · · · · · ·				22.1, 324.0, 327.2,		
				32.8,336.8,413.7		
a a construction of the second sec	1999-1999 - N. 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999	And some of the second s				en en anticipation de la companya construction de la companya de la construction de la companya de la construction de l
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BOREHOLE#	PROPERTY	NTS#	SH#	ANO	M#	DEPTH	AZIM	<u>UIH</u>	<u>117</u>			E DEPA	5400	E	
55317-0	SAKAMI PRUJELI	3 72C	****	***	****									***	
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						-39	30	400		-36	30	500			
								900		-27	30	1000			
1100	-22 15 1175	-25	30												
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TOPS OF WE	DGES					· · · · ·									
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	و ملكم مايا روي الله الله الله الله الله الله الله الل	ىلەر مۇرىلەر ئاردىك بايد كىرىلەر خەر بايرىد		****	* * * *	*****	***	r nie nie nie nie nie	****					* * *	
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a a a a a second		DEPTH I	ENGTH	MN 7 N	ROCK		<u></u>						ANG		
				1114614			R	0.00							
			~~~					TYPES	A. 8 4	E C I	DEFI	INED IN	4		
		12.0	12.0	,		OVERB	URDEN	SAND	& BOI	JLDE	RS				
	والمراجعة المراجع المراجع المحموم ومراجع والمراجع المراجع	13.0	1.0		an a berther bird - serve	START	CF C	ORE CI	ASING	TO	14.0				
		22.4	9.4		QTE	FELDS	PATHI	C GRI	FTY MO	G LI(GFT	GREY-7	-		
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	and the constrained sector of the sector of		en elle ellen en parte el compañis		i soot ning to as	support of the family of the same states		Care in the second of the second second			And the second second		concolution in the second		
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		n an Anna an an Anna Anna - 1975 -		- 194		GREEN	FELDS	PAR A	MPHIB	OLE	H ITH	BIOT	IT.		
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a de la calega de la construcción d	and the second	~ ~ ~	<i>c c</i>		CLUME	M C T A	AC #-	36 2	- 193 A 199 - 19		m	CODEC	10 00		
a de la companya de la contra de	senangegigigin to ing equivinantananan jama in menomenananan gon ina ribbin sa menomenanan gon gon sa tabu sa	34.5	C.5		GWKE	META-	AS TO	30.6	BUT I	FINE	LYE	EDDED	(C 80		
	55317-0 *********** DEPTH AZIM 100 600 1100 *********** TOPS OF WE ***********	55317-0 SAKAMI PROJECT ************************************	55317-0 SAKAMI PROJECT 33F 2 ************************************	55317-0 SAKAMI PROJECT 33F 2W 200 -34 30 200 -44 00 600 -37 30 700 -35 00 1100 -22 15 1175 -25 30 IOPS OF WEDGES DEPTH LENGTH 0.0 0.0 IOGGED BYDEBICKI E J DEPTH LENGTH 0.0 0.0 12.0 12.0 13.0 1.0 22.4 9.4 30.6 6.3	55317-0 SAKAMI PROJECT 33F 2W INCLI DEPTH AZIMUTH DIP DEPTH A INTE44 00 300 25 30 INTE25 30 INTE25 30 IDGGED BYDEBICKI E J STARTEDJUNE 15,1973 ILOGGED BYDEBICKI E J IZ-0 12-0 12-0 12-0 IZ-0 6	55317-0 SAKAMI PROJECT 33F 2M INCLINATI INCLINATI DEPTH AZIMUTH DIP DEPTH AZIMU 100 -44 30 200 -46 00 300 600 -37 30 700 -35 00 600 1100 -22 15 1175 -25 30 INFORMATION OF WEDGES DEPTH LENGTH MNZN ROCK DOGGED BYDEBICKI E J STARTEDJUNE 15,1973 COM DEPTH LENGTH MNZN ROCK 0.0 0.0 IZ-0 12.0 12.0 12.0 12.0 12.0 12.0 12.0 12.0 12.0 13.0 1.0 22.4 9.4 QTE 30.6 6.3 GMKE	55317-0 SAKAMI PROJECT 33F 2M 1115 INCLINATION AND DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH LENGTH MNZN ROCK	55317-0 SAKAMI PROJECT 33F 2W 1175 160 INCLINATION AND TROP DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP SAMPLE ENT DEPTH LENGTH MNZN ROCK OG	55317-0 SAKAMI PROJECT 33F 2W 1175 180 004 INCLINATION AND TROPARI TI INTO - 44 00 300 - 39 30 400 60037 30 70035 00 80038 15 900 INTO - 25 30 INTO - 20 00 17 INTO - 20 00 17 <td colspa<="" td=""><td>55317-0 SAKAMI PROJECT 33F 2M 1175 180 00 -45 00 INCLIMATION AND TROPARI TESTS DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH 100 -44 30 200 -44 00 300 -39 30 400 600 -37 30 700 -35 00 800 -28 15 500 INTER DEPTH AZIMUTH DIP DEPTH AZIMUTH 100 -44 30 200 -45 00 O 800 -28 15 500 INTER DEPTH AZIMUTH DIP DEPTH AZIMUTH INTER DEPTH</td><td>55517-0 SAKAMI PROJECT 33F 2W 1175 180 60 -4-9 00 N INCLINATION AND TROPART TESTS DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH ZENDAL SAMPLE SAMPLE SAMPLE DEPTH DIP DEPTH LENGTH MNZN RGCK DESCRIPTICA 0.0 0.0 COLLAR DESCRIPTICA DEPTH LENGTH MNZN RGCK DESCRIPTICA DEPTH LENGTH MNZN RGCK DESCRIPTICA DESCRIPTICA 0.0 0.0 COLLAR DESCRIPTICA DESCRIPTICA</td><td>55517-0 SAKAMI PROJECT 33F 2M 1175 180 00 -40 00 INCLINATION AND TROPARI TESTS DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP 100 -44 30 200 -40 00 300 -39 30 400 -36 30 100 -44 30 200 -40 00 300 -28 15 500 -27 30 1100 -22 15 1175 -25 30 -27 30 100 -26 15 -27 30 1100 -22 15 1175 -25 30 -27 30 100 -27 30 1100 -22 15 1175 -25 30 -27 30 100 -27 30 1100 -22 15 1175 -25 30 -27 30 -27 30 100 -27 30 1100 -22 15 1175 -25 30 -27 30 -27 30 -27 30 1100 -20 11 5.00 -27 30 01.170 -1173 01.1173 -27 30 1100 -20 0.0 -20 0.0 0.174 01.1973 DRILLI -27 30 01.1173 -21.10 -21.10 -21.10 -21.10</td><td>55317-0 SAKANI PROJECT 33F 2W 1175 180 00 -45 00 N 180C M DEPTH AZIMUTH DIP DIP DEPTH AZIMUTH DIP DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DIP DEPTH AZIMUTH DIP DIP DEPTH AZIMUTH DIP DIP DEPTH AZIMUTH DIP DIP DIP DIP DIP DIP DIP DIP DIP DIP</td><td>INCLINATION AND IROPARI TESTS DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP CEPTH AZIMUTH DIP CEOTH AZIMUTH DIP CEOTHAZI DIP CENTH AZIMUTH DIP CEOTHAZI DIP CENTH AZIMUTH DIP CEOTHAZI DIP CENTH DIP CENTH DIP CEOTHAZI DIP CENTH DIP CEOTHA</td></td>	<td>55317-0 SAKAMI PROJECT 33F 2M 1175 180 00 -45 00 INCLIMATION AND TROPARI TESTS DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH 100 -44 30 200 -44 00 300 -39 30 400 600 -37 30 700 -35 00 800 -28 15 500 INTER DEPTH AZIMUTH DIP DEPTH AZIMUTH 100 -44 30 200 -45 00 O 800 -28 15 500 INTER DEPTH AZIMUTH DIP DEPTH AZIMUTH INTER DEPTH</td> <td>55517-0 SAKAMI PROJECT 33F 2W 1175 180 60 -4-9 00 N INCLINATION AND TROPART TESTS DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH ZENDAL SAMPLE SAMPLE SAMPLE DEPTH DIP DEPTH LENGTH MNZN RGCK DESCRIPTICA 0.0 0.0 COLLAR DESCRIPTICA DEPTH LENGTH MNZN RGCK DESCRIPTICA DEPTH LENGTH MNZN RGCK DESCRIPTICA DESCRIPTICA 0.0 0.0 COLLAR DESCRIPTICA DESCRIPTICA</td> <td>55517-0 SAKAMI PROJECT 33F 2M 1175 180 00 -40 00 INCLINATION AND TROPARI TESTS DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP 100 -44 30 200 -40 00 300 -39 30 400 -36 30 100 -44 30 200 -40 00 300 -28 15 500 -27 30 1100 -22 15 1175 -25 30 -27 30 100 -26 15 -27 30 1100 -22 15 1175 -25 30 -27 30 100 -27 30 1100 -22 15 1175 -25 30 -27 30 100 -27 30 1100 -22 15 1175 -25 30 -27 30 -27 30 100 -27 30 1100 -22 15 1175 -25 30 -27 30 -27 30 -27 30 1100 -20 11 5.00 -27 30 01.170 -1173 01.1173 -27 30 1100 -20 0.0 -20 0.0 0.174 01.1973 DRILLI -27 30 01.1173 -21.10 -21.10 -21.10 -21.10</td> <td>55317-0 SAKANI PROJECT 33F 2W 1175 180 00 -45 00 N 180C M DEPTH AZIMUTH DIP DIP DEPTH AZIMUTH DIP DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DIP DEPTH AZIMUTH DIP DIP DEPTH AZIMUTH DIP DIP DEPTH AZIMUTH DIP DIP DIP DIP DIP DIP DIP DIP DIP DIP</td> <td>INCLINATION AND IROPARI TESTS DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP CEPTH AZIMUTH DIP CEOTH AZIMUTH DIP CEOTHAZI DIP CENTH AZIMUTH DIP CEOTHAZI DIP CENTH AZIMUTH DIP CEOTHAZI DIP CENTH DIP CENTH DIP CEOTHAZI DIP CENTH DIP CEOTHA</td>	55317-0 SAKAMI PROJECT 33F 2M 1175 180 00 -45 00 INCLIMATION AND TROPARI TESTS DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH 100 -44 30 200 -44 00 300 -39 30 400 600 -37 30 700 -35 00 800 -28 15 500 INTER DEPTH AZIMUTH DIP DEPTH AZIMUTH 100 -44 30 200 -45 00 O 800 -28 15 500 INTER DEPTH AZIMUTH DIP DEPTH AZIMUTH INTER DEPTH	55517-0 SAKAMI PROJECT 33F 2W 1175 180 60 -4-9 00 N INCLINATION AND TROPART TESTS DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH ZENDAL SAMPLE SAMPLE SAMPLE DEPTH DIP DEPTH LENGTH MNZN RGCK DESCRIPTICA 0.0 0.0 COLLAR DESCRIPTICA DEPTH LENGTH MNZN RGCK DESCRIPTICA DEPTH LENGTH MNZN RGCK DESCRIPTICA DESCRIPTICA 0.0 0.0 COLLAR DESCRIPTICA DESCRIPTICA	55517-0 SAKAMI PROJECT 33F 2M 1175 180 00 -40 00 INCLINATION AND TROPARI TESTS DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP 100 -44 30 200 -40 00 300 -39 30 400 -36 30 100 -44 30 200 -40 00 300 -28 15 500 -27 30 1100 -22 15 1175 -25 30 -27 30 100 -26 15 -27 30 1100 -22 15 1175 -25 30 -27 30 100 -27 30 1100 -22 15 1175 -25 30 -27 30 100 -27 30 1100 -22 15 1175 -25 30 -27 30 -27 30 100 -27 30 1100 -22 15 1175 -25 30 -27 30 -27 30 -27 30 1100 -20 11 5.00 -27 30 01.170 -1173 01.1173 -27 30 1100 -20 0.0 -20 0.0 0.174 01.1973 DRILLI -27 30 01.1173 -21.10 -21.10 -21.10 -21.10	55317-0 SAKANI PROJECT 33F 2W 1175 180 00 -45 00 N 180C M DEPTH AZIMUTH DIP DIP DEPTH AZIMUTH DIP DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DIP DEPTH AZIMUTH DIP DIP DEPTH AZIMUTH DIP DIP DEPTH AZIMUTH DIP	INCLINATION AND IROPARI TESTS DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP CEPTH AZIMUTH DIP CEOTH AZIMUTH DIP CEOTHAZI DIP CENTH AZIMUTH DIP CEOTHAZI DIP CENTH AZIMUTH DIP CEOTHAZI DIP CENTH DIP CENTH DIP CEOTHAZI DIP CENTH DIP CEOTHA

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	DEPTH	LENGTH MN	NZN ROCK DESCRIPTION ANG OMPOSITIONAL DIFFERENCES)-WELL FOLIA TED-LOWER CT LOST BECAUSE CF CALCITE VEIN	
	40.9	6.4	VOLC ANDESITE BASALT-FG GREY GREEN-MASSIY E-LCCAL SPKS PY PO . 1%-PARTS WEAKLY	
nan an			MAGNETIC-LOWER CT SHARP 50 36-0 TO 38.0-FRACTURED CORE WITH NUM EROUS LOCAL CALCITE VEINS	
	41.1	C.2	RHY PORPHYRITIC-MG WHITE TO LIGHT GREY WEAKLY FOLIATED-MINOR MICA GTZ PORPH	
	15 6		YRIES IN A FELDSPAR MATRIX-MINCR CAL CITE SPKS PU . 1%-LUWER CT SHARP 50	
	45.8 46.1		VOLC AS TO 40.9 RHY PORPHYRITIC-AS TO 41.1-LOWER CT SHAR P AT 70	
	47.0	C.9	VOLC AS TO 40.9-LOWER CT SHARP AT 70 46.1 TO 46.2 & 46.8 TO 46.9-FORPHYRI	
		· · · · · · · · · · · ·	TIC RHYOLITE BANDS WITH SHARP CTS	
	48.4		RHY PORPHYRITIC-AS TO 41.1-SPKS CP PO 1%	
	48.9	0.5	QTE HIGHLY MICACEOUS FELDSPATHIC-MG LIGH T GREY MOTTLED TEXTURE-INTERFINGERED	
			(DISTURBED) WITH FOLLOWING UNIT-LOWE R CT IRREGULAR & UNDULATING 48.6 TO 48.7-BAND PORPHYRITIC RHY	
	51.0	2.1	VOLC AS TO 40.9-49.6 TO 49.8 MICACEOUS FE LDSPATHIC.QTE BAND DISTURBED BY FOLL OWING VOLCANIC FLOW-LOWER CT SHARP &	
	53.2	2.2	UNDULATING AT 30 VOLC AS TO 40.9-LOWER CT IRREGULAR	
antin () ya antin ya waka wakawa kataka (), ya na	a an		51.0 TO 51.2 MICACEOUS FELOSPATHIC QTE DISTURBED (INTERFINGERED) BY FOL LOWING VOLCANIC FLOW	
	53.3	0.1	QTE MICACEOUS FELDSPATHIC-AS TO 48.9-SHA RP LOWER CT AT 30 DEGREES	
	53.8	0+5	GWKE META-MG GREY-GREEN FELDSPAR AMPHIBOL 60 E-RICH BIDTITE WELL FOLIATED 60 DEGR	
			EES-LOWER CT SHARP AT 60-BANDED DUE To compositional differences	
	54.2	0.4	RHY PORPHYRITIC-AS TO 41.1-LOWER CT LOST	
	ec •	6 0	DUE TO GROUND CORE	
	55.0	0.8	GWKE META-AS TO 53.8 60 54.6 TO 54.7-PORPHYRITIC REVOLITE AS	
			TO 41.1 WITH SHARP UPPER AND LOWER	
			CONTACTS AT 50 & 60 RESPECTIVELY	
	55.3	<u>C.</u> 3	QTE MICACEOUS FELDSPATHIC-POSSIBLE TUFF	
			LIGHT GREY-MG TO CG-WITH GTZ CLASTS UP TO 0.1 INCHES-MINOR PINK FELDSPAR	
			PO PY 2-3 8-VERY WEAKLY FOLIATED-LOW	
			ER CT SHARP AT 70 TS-C-73-3202 @ 55.2* RECRYSTALLIZED GR	
	56.7	1.4	GWKE META-AS TO 53.8 55.7 TO 56.1-PORPHYRITIC REVOLITE AS	
			TO 41.1-BROKEN CORE	
	57.4	0.7	GWKE META-AS TO 53.8-LOWER CT CHARP AT 65	

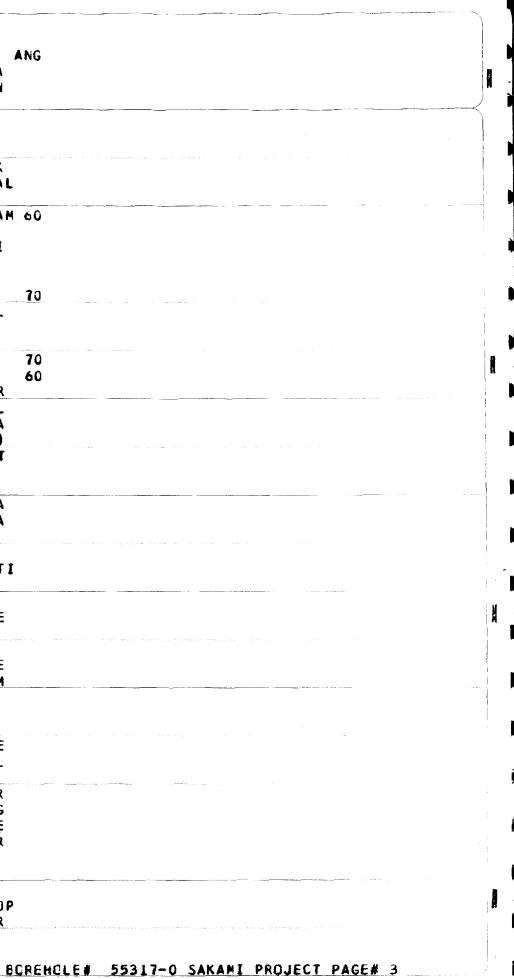
	DEPTH	LENGTH M	NZN ROCK	DESCRIPTION A
				56.7 TO 57.D-QTE-MICAZEOUS & FELDSPA THIC AS TO 48.9 BECOMING DIRTIER DOW
				NHOLE & INTERFINGERED BY FOLLOWING
	60.0	2.6 MI		METAGWKE PORPHYRITIC-AS TO 41.1-PO CLCTS CP
	0040			SPKS 2-3 %
nameler i jinin inde a persena and and a garageri in		11 - Contractor and an and a second second	and a set of the standard standard standard and standard standard standard standard standard standard standard	TS-C-73-3203 @ 58.0" META FEBBLY ARK
	62.2	2.2	GWKE	E NETA-AS TO 53.8-FOLIATED AT 60-LOCAL
			-	CALCITE STRINGERS
	63.6	1.4	DIA	META-MG TO CG-GREY GREEN-FELDSPAR AM
				PHIBOLE-RICH-WEAKLY FOLIATED AT 60
				RESENBLES METAGWKE BUT LACKING BIOTI
				TE AND FOLIATION-CT WITH METAGWKE
				INDISTINCT
· · · · · · · · · · · · · · · · · · ·	64.8	1.2	GWKE	META-AS TO 53.8-LOCAL QTE BANDS UP
				TO 0.5 INCHES-LOCAL CALCITE STRS-FOL
				IATED STRONGLY-LOWER CT INCISTINCT
······································	66.1			META-AS TO 63.6
	68.2			NETA-AS TO 53.8
	73.7	5.5	GWKE	E NETA-FG LAMINATED BROWNISH GREY TO
		······		CHLORITE GREEN-FELDSPAR RICH & CHLOR
				ITE RICH INTERLAMINATIONS-QTZ TRENOL
				ITE NEEDLES-LOCAL BANDS DICPSIDE SKA
ومسرح المراجع المراجع المنتخر المنابع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع	алтан таларын аларын аларын алтан	وی میں دیکریں دیکریں دیکھی		RN 0.5 TO 4.0 IN CHES (40 % CF UNIT)
				CG CALCITE DIOPSIDE IN SHARP CONTACT
				WITH META-ARKOSE-LOWER CT SHARP AT
· · · · · · · · · · · · · · · · · · ·				70-LAMINATED AT 60 69.4 AND 71.6-SLUMPING AT ARKOSE-SKA
				RN CONTACT TS-C-73-3204 @ 68.8" META
				GWKE
n an an an an an an 1969. Tha an ann an an guirmear ann an	a na waa na ka na na ka na ka	n natur analas natur		71.4 TC 71.5-QUARTZ VEIN
	77.0	3.3	ARK	META-FG LIGHT GREY MICACECUS FOLIATI
				ON PLANES-OTZ FELDSPAR-SHARP LOWER
				CONTACT AT 50
	78.1	1.1	AMPH	GARNETIFEROUS-CG-GREY GREEN-BIOTITE
un en	وودي بالمستخل ووردوان بالتناب فالاتان	····	a an a state and a state to a second seco	FELDSPAR AMPHIBULE UP TO 0.5 INCHES
				RED GARNETS-WEAKLY FOLIATED-BANDED
				(COMPOSITION DIFFERENCES)-SHARP LOWE
				R CONTACT AT 45-SLIGHTLY MAGNETIC (M
	 .	. -		AGNETITE 1%)
	80.0	1.9	GWKE	E BIOTITE-CHLORITE (MTSD) WITH BANDS
			ana ana ana ana ana	OF AMPHIBOLE-OCCASSIONAL GARNETS AT
				79.0 TO 79.2-FG-GREY GREEN-SCFT-FINE
				LY LAMINATED & BANDED (COMPOSITIONAL
· · · · · · · · · · · · · · · · · · ·				DIFFERENCES) 78.3 TO 78.4 JAGGED (SAWTOCTH APPEAR
				ANCE) DEPOSITIONAL CONTACT FG AND CG
				UPHOLE & DOWNHOLE FROM CONTACT, RESPE
				CTIVELY-MAGNETITE 1 % SPKS CP-LOWER
				CT LOST (BROKEN CORE)
				TS-C-73-3205 a 79.5" BIO AMPH
	81.0	1.0	AMPH	AS TO 78.1
	81.5			DIOPSIDE-CG-LIGHT GREEN-CALCITE DIOP
				SIDE-FINER GRAINED EQUIVALENT OF VER
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				ROCK	(DESCRIPTION ANG TS-C-73-3206 @ 81.1* SKARN
	82.7	1.1		GWK	E META-AS TO 73.7 WITH LOCAL BANDS DIG 45 PSIDE SKARN & CALCITE STRS
	90.0	7.3		DIA	META-MG TO CG-GREY GREEN-FELDSPAR AM PHIBOLE-RICH-WEAKLY FOLIATED-LOCAL CALCITE STRS-LOWER CT SHARP AT 50
	90.9	0.9		ARK	META-AS TO 77.0-LOWER CT SHARP AT 50 50
	105.3	14.4			META-AS TO 90.0-LOWER CT SHARP AT 60 60
	109.1	3.8			NETA-AS TO 77-0-FOLIATION 65 TO 106.
	· · · · · · · · · · · · · · · · · · ·				0 70 AT 109.0-LOWER CT SHARP AT 70
	155.0	45.9		DIA	META-AS TO 90.0-MINER LOCAL CALCITE VEINS & STRS
	156.7	1.7	MVW	UM	CONTACT ZONE-FG-DK GREEN-WEAKLY FOLI ATED-SERPENTINE CHLORITE-SPKS CP 1-2
		w			* MAGNETITE 1-2 %-LOWER CT SHARP AT 60 DEGREES
					156.0 TO 156.2-LOCAL GARNETIFEROUS AMPHIBOLITE-CG-DK BLACK GREEN-CHLORI
					TIC
	169.3	12.6	MVVw	UM	PERIDOTITE-FG TO MG-MOUSE GREY BECOM ING LESS SERPENTINIZED & MORE TALCOS
					E DOWNHOLE-STRONGLY MAGNETIC-MAGNETI
					TE 3-4 %-LOCAL CLUTS PO CP 1%-LOCA
					L BANDS PALE GREEN TALC & SERPENTINE
					UP TO 100 %
	171.6	2.3	MVVW	UM	TYPE C-FEW EQUANT OLIVINES IN A HIGH
					LY TALC MATRIX-MAGNETITE 1-2 1-LOCAL
					PO CP 1%
	187.8	16.2	MVVW	UM	TYPE C-PRISMATIC OLIVINES BECOMING
	n a sun ana a a a a anna anna anna an	n an	ورور محمد معرفين المحمد	and a subject of a line over the second	EQUANT & DECREASING IN SIZE & PERCEN
					TAGE DOWNHOLE-WEAKLY FOLIATED-MT 1-2
					X-SPKS PO CP 1X-LOWER CT AT 15 DEGR
					EES (FLOW FOLDED)
	188.6	0.8	MVW	UM	PERIDOTITE-TALCOSE-FLGW FCLCED-FO CP
					4-5 % AT BASE OF FLOW-NT 1-2 %
a state and a subscription of the subscription	196.2	7.6	MVVW	UM	TYPE C-OCCASIONAL HUSKY TABLETS OF
					ULIVINE-MT 1-2%-PO PY 1%-LOWER CONT
					ACT AT 15 (FLOW FOLDED)
	197.7	1.5	MVVW	UM	MASSIVE-TALCOSE-MT 1-2%-SFKS PO CP
		. .			18
	199.9	2.2	MVVW		TYPE C-AS TO 196.2-MT 1-28-SPKSPC
	203.1	3.2			TYPE C-OCCASIONAL HUSKY TABLET GLIVI
	1 0 2	~ ~			NE BECOMING EQUANT DOWNHOLE
·····	203.6	0.5		PEG	QT2 FELDSPAR-CG WHITE-SHARP UPPER &
	317 E	10.0			LOWER CONTACTS
	214.5	10.9		UM	TYPE C-OLIVINES DECREASING TO 0% & MORE TALCOSE DOWNHOLE
		·			MORE TALCOSE DOWNHOLE
					211.0 TO 213.1-BROKEN CORE 208.2 TO 213.1-FOLIATED 20 DEGREES
					200+2 TU 213+1-FULIATED 20 DEGREES MT 2-3%
	224.3	9.8			TYPE C-NT 2-3%
	239.4	9.0 15.1			TYPE C-MI 2-34 TYPE B-SUME TYPE A (MINOR)-MT 2-3%
	251.2	11.8			TYPE B WITH SOME TYPE A-GRADING INTO
a a construction of a constant sector of a sector of a constant of a constant of a sector of a constant of a co	~~4.9 €	4.4.9.0			TYPE C-MT 2-3%

	252.7	ENGTH MN. 1.5		K DESCRIPTION ANG TALCOSE-FOLIATED WITH NUMERCUS GT2 50
	<i>LJL</i> • 1	ر ۲۰		FELDSPAR VEINS
	253.5	0.8	UN	TYPE C-MT 2-3%
	256.1	2.6	UM	NASSIVE-TALCOSE WITH DEVELOPMENT OF TREMOLITE SUNS DOWNHOLE-MT 1-2%-LOWE R CT SHARP AT 50 DEGREES
	257.9	1.8	UM	ALTERED ZUNE-FG TO VFG-DK GREEN-TALC Chlorite-weakly foliated to massive
				-SIMILAR AS TO 156.7-CUBIC CRYSTALS
	258.6	0.7	UM	MT 3-4%-LUWER CT SHARP GREY-TREMOLITE SUNS-TALCOSE-MT 1-2% LOWER CT SHARP AT 50 DEGREES
	260.7	2.1	UM	MASSIVE-TALCOSE-GREY-FG TC CG-MT 1-2 %-LCWER CT SHARP
	201.3	0.6	UM	AS TO 258.6-NT 1-24-LOWER CONTACT GR
	262.3	1.0	UM	ADATIGNAL AS TO 257.9-MT 1-2%-LOWER CONTACT GR ADATIONAL
	264.0	1.7	UM	AS TO 257.9-LOWER CT GRACATIONAL AND EQ
				INCREASING MT UP TO 4-5 % COWNHOLE
	264.9	0.9	UM	AS TO 257.9-MT CUBES UP TC 0.1 INCHE S 3-4%-LOWER CT GRADATIONAL
	271.6	6.7	UM	AS TO 258.6-LOWER CT GRADATIONAL MT 1-2%
	272 •8	1.2	UM	AS TO 260.7 BUT WITH LOCAL TREMOLITE SUNS-MT 1-2%
	273.6	0.8	PEG	AS TO 203.6-LOWER CT IRREGULAR
	274.0	0-4	UM	AS TO 260.7-LOWER CT SHARF AT 65 MT 2-3%
	274 - 8	6.8		AS TO 257.9-MT CUBES 4-5%-LOWER CT Sharp at 75
	275.4	0.6		AS TO 260.7-MT 2-38
	286.3	10.9	UM	TUPE C-PRISMATIC TO HUSKY TO EQUANT
	289.3	3.0	UM	OLIVINES GOING DOWNHOLE-MT 1-2% AS TO 260.7-WEAKLY FOLIATED AT 287.5 50 MT 1-2%
	290.2	C.9	UM	TYPE C-HUSKY TABLETS OF CLIVINE-MT 1 2-%
	294.6	4.4	UM	MASSIVE-TALCOSE WITH LOCAL TREMOLITE
				SUNS INCREASING DOWNHOLE-LOWER CT SH ARP-NT 1-2%
	295.0	0.4		AS TO 257.9-MT 18
	299.1	4.1		AS TO 294.6-MT 1%-LOWER CT SHARP AT 75 DEGREES
······	301.0	1.9		AS TO 257.9-WEAKLY MAGNETIC
	305+3	4.3	UM	ABUNDANT CG TREMOLITE SUNS (PALE GRE 45 Y GREEN) BECOMING WELL FOLIATED AT 45 LIGHT GREY MORE TALCOSE DEWNHOLE
				LOWER CT SHARP-WEAKLY MAGNETIC
	308-7	3.4	GWKE	E META-FG TO MG-GREY GREEN-WELL FOLIAT 45 ED-AMPHIBOLE FELDSPAR CHLORITE BIOTI
				TE RICH FOLIATION PLANES-FINER GRAIN
				ED DOWNHOLE-BANDED WITH GRADATIONAL CONTACTS
				TS-C-73-3207 @ 306.3' META GAKE

		LENGTH MNZN		
	310.6	1.9		AS TO 257.9-LOWER CT SHARP AT 30 MT CUBES 2-3%
	312.5	1.9	UM	AS TO 258.6-WEAKLY FOLIATED-WEAKLY 45
	213 0	1 3		MAGNETIC-LOWER CT SHARP AT 45 As to 257.9-lower ct at 60
	313.8 316.8	1.3 3.0		AS TO 207.9-LOWER OF AT BO META (META-GWKE) BANDS (BIOTITE-RICH 55
	910-0	5.0		QTZ-FELDSPAR-CHLORITE-MINOR AMPHIBOL
				E) DK GREY INTERBANDED WITH GREY FEL
				DSPATHIC QTE (SMALL QTZ CLASTS) & AR
				KOSIC BANDS INTH SHARP CONTACTS
	317.1	0.3	UM	AS TO 257.9-LOWER CT SHARP AT 60
	317.7	0.6 MVW	GWKE	META-MG TO CG AMPHIBOLE BICTITE-RICH
				FELDSPAR-GARNETIFEROUS-DK GREY GREEN
				PY 1% SPKS CP-LOWER CT GRACATIONAL
	319.9	2.2		AS TO 257.9-MT CUBES 3-4% DECREASING
				DOWNHOLE-SPKS CP 1-2 %
	323.1	3.2		AS TO 258.6-WEAKLY FOLIATED-MT 2-3% 45
	327-2	4.1		TUPE C-MT 1-2%
	331.8	4.6		TUPE C-MT 1-2%
	334.6	2.8		TYPE C-MT 1-2%
······	336.0	1.4		TYPE B-SUME TYPE C-LOCAL PALE GREEN
				TALC TREMULITE BNADS-MT 1-2%
	340.9	4.9		TYPE C-MT 1-28
	344 • 9	4.0		TYPE C-MT 1-2%-LOCAL TALC TRENCLITE
	_			BANDS
	347.0	2.1		GREY-OLIVINE & TALC EYES (BOUDINS)
				IN A FG UM FLOW MATRIX INTERBANDED
				WITH MASSIVE TALCOSE UM & LOCAL TALC
				TREMOLITE BANDS
ويتبوز والارار الاستاذ ورزران والتارين والمتعاد والمتعاد والمتعاد المتعادية	- an - an an again the finishing of an area of a		·	TS-C-73-3208 @ 346.0" META UM
	349.3	2.3		BANDED-LIGHT (TALC-RICH) AND DARK UM 80
		A -		BANDS-MT 1-2% IN DARK BANDS
	349.9	0.6		TYPE C-FOLIATED-MT 1-2%-SIMILAR AS 80
				TO 347.0
	351.5	1.6		AS TO 258.6-MT 1-2%-LOWER CT SHARP
and the second		·····	a service and s	AT 40 DEGREES
	353.5	2•C		AS TO 257.9-MT CUBES 2-3%-LOWER CT 50
	355 3	1 0		SHARP AT 50-WEAKLY FOLIATEC
	355.3	1.8		AMPHIBOLE-BIOTITE WITH CG BICTITE ZO 70
				NES-LOCAL BANDS 1 INCH WIDE MASSIV
				E & SLIGHTLY TALCOSE UM WITH SHARP CONTACTS AT 70
	355.8	0.5		META-FG-GREY-NICACEOUS FOLIATION PLA 55
	377+0	V+2		NES WITH SMALL TREMOLITE NEEDLES-LOW
······································				ER CT GRADATIONAL TS-C-73-3209 @ 355.5-META GHKE
	358.3	2.5		ANDESITE-BASALT-FG-GREY GREEN-WEAKLY 55
	22002	£•J		FOLIATED-SMALL LOCAL QTZ STRINGERS
				LOWER CT SHARP AT 40
	359.4	1.1		GREY-SLIGHTLY TALCOSE-STRONGLY FOLIA 35
	JJ747	* • *		TED-UPPER AND LOWER CONTACTS ALTERED
······································				BUT SHARP-MT 2-38
	384.9	25.5		META-AS TO 90.0-WEAKLY FOLIATED-LOWE
	JUT# 2	~ 4 * 4		R CT SHARP AT 35
an a				362.9 TO 363.5, 364.9 TO 365.5 & 369
			•	ACTA TO AMARA ANTER TO ACTA # 202

	UEPIR	LENGTH MNZN	RUU	DESCRIPTION ANG •5 TO 371•1 HAVE WELL FOLIATED CG ZO NES WITH NUMEROUS PARALLEL GTZ VEINS (POSSIBLE METAGWKE)	
	385.3	0.4	UM		
	387.4	2.1	UM	AS TO 359.4-SLIGHTLY CONTORTED-FLOW 45 BANDED UNIT-STRONGLY MAGNETIC-MT 5-6 %-LOWER CT AT 50	
	388.0	1.2	DIA	META-AS TO 90.0-WELL FOLIATED-FG-ALT 55	
	20.2	4.3		ERED ZONES AT CONTACTS-LOWER CT SHAR P AT 55	
	392.8	4.2	UM	AS TO 359.4 BUT WEAKLY FELLATED BECC MING DARKER GREY DOWNHOLE-NT 1-2%-LO WER CT SHARP AT 45	
	394.3	1.5	UM	AS TO 257.9-MT CUBES 18-LOWER CT SHA	
	395.6	1.3	DIA	RP AT 45 META-AS TO 90.0 BECOMING FG COWNHOLE Lower CT sharp at 80	
	403.3	7.7	GWK	META-META-ARGILLITE INTEREANDED WITH	
				SIMILAR AS TO 316.8-LIGHT GREY BANDS 10TZ FELDSPAR MICA WITH MINOR TREMOL	
				ITE NEEDLES) INTERFINGERED WITH DK	
				GREY & DK GREEN BANDS (AMPHIBOLE CHL ORITE MICA TREMOLITE)-CTS SHARP TO	
				GRADATIONAL-BANDS FROM FINE LAMINATI	
				ONS TO UP TO 1 INCH WIDE-WELL FOLIAT ED 60 AT 396.8,30 AT 398.3,45 AT 403	
				-1 TS-C-73-3210 @ 398.4" META GWKE	······································
	404.1			AS TO 355.3-LOWER CT SHARF AT 50	
	405.8	1.7	UM	AS TO 257.9 BECOMING LESS ALTERED DO WNHOLE	
	406.1			AS TO 258.6-LOWER CT AT 25	
1979) 1977 - 1979 - 1970 - 1979 - 1970 - 197	407.2	I.I MVVW	UM	AS TO 260.7-MT 1-28-LOWER SHARP AT 90 DEGREES	
	412.1	4.9	UN	TYPE C-LUWER CT SHARP AT 45-MT 1-2%	
	414.0		UM		
	415.8	1.8	UM	AS TO 258.6-LOWER CT SHARF AT 60-MT 1-2%	
	416.2	0.4	UM	AS TO 257.9-LOWER CT SHARP AT 55-MT 55	
	417 0	•		CUBES 5%	
	417.8 418.4			META-AS TO 90.0-LOWER CT SHARP AT 75 75 As to 358.3-lower ct sharp at 70 70	
				418-2 TO 418-3-META-DIABASE	
	421.9	3.5	DIA	META-AS TO 90.0-LOWER CT SHARP AT 65 65 421.6 TO 421.7-UTZ VEIN	
	425.6	3.7	QTE	MICACEOUS FELDSPATHIC-FG TC NG-GREY SLIGHT BANDING DUE TO COMPOSITION DI	
	100 0	3.4	VOL	FFERENCES-LOWER CT SHARP AT 7C	
	428.0	2.4		AS TO 358.3-SMALL QTZ CALCITE STRS-L OWER CT SHARP AT 45	
	429.4	1.4		META-FG-FELDSPAR QTZ MINOP BIOTITE LOCAL QTE BANDS (GRADATIONAL CONTACT	
	432.0	2.6	QTE	S) <u>GRITTY-FG-BUFF GREY-MICACEGUS-FELDSP 65</u> ATHIC-MINOR CALCITE-BECOMING GREY &	

	DEPIN	LENGTH MNZ	N KUU	MURE ARKOSIC NEAR BOTTOM OF UNIT-LOC AL ARKOSIC BANDS-SIMILAR TO 22.4-PO
				PY 1-2 % AS SMALL BLEBS AND STRS PAR ALLEL TO FOLIATION-LOWER CT SHARP AT 65 DEGREES
				TS-C-73-3211 @ 430.8" NETA ARK
	438.2	6.2	ARK	META-AS TO 429.4-LOWER CT SHARP
	450.0	11.8	DIA	META-AS TO 90.0
· ··· ··· ··· · · · · · · · · · · · ·	450.3	6.3	UM	MASSIVE-SERPENTINIZED-PALE GREEN-CG
	451.6	1.3	014	MT 1 % Neta-as to 90.0-lower ct sharf
	452.0	0.4		AS TO 257.9-MT CUBES 5-6 X-LEWER CT
		~ • •		SHARP AT 75
	453.5	1.5	UM	AS TO 260.7-MT 2-3 %
	461.7			TYPE C-MT 2-3 %
	461.5	0+2	UM	AS TO 258.6-MT 1-2 2-LOWER CT SHARP
		<u> </u>		AT 70 DEGREES
	462.0	0.1	UM	AS TO 260.7-LOWER CT SHARF AT 70 DEG REES-MT 2-3 %
	462.9	0.9	EEM	AS TO 257.9-LOWER CT SHARP AT 80 DEG
	40207	017	0/1	REES-MT 3-4 %
	465.3	2.4	UM	AS TO 450.3-LOWER CT SHARP AT 65
	465.7			META-AS TO 90.0
	470.0	4.3		C AS TO 358.3-LOCAL BANDS BICTITE AMPH
				IBOLE SCHIST (BROKEN CORE)
	470-2	0.2	UM	AS TO 257.9-NT CUBES 2-3 %-LOWER CT
				SHARP
	471.2	1.0		C AS TO 358.3-LOWER CT SHARF AT 90
	471.6	0.4	UM	AS TO 257.9-MT CUBES 2-3 1-LOWER CT Gradational
and and a second se	472.6	1.0	งกเ	C AS TO 358.3-LOWER CT SHARP AT 70
	473.4	0.8		E META-FG TO MG-GREY GREEN-AMPHIBCLE F 70
				ELDSPAR-MINOR BIOTITE-LOCAL MINOR QT
				E BNADS (LIGHT GREY WITH SHARP CONTA
				CTSJ-LOWER CT SHARP AT 70-SPKS PY LE
· · · · · · · · · · · · · · · · · · ·	- 20			SS THAN 1 %
	473.8			C AS TO 358.3-LOWER CT SHARF AT 60
	477.4	3.6		AS TO 260.7-MT 1-2 %
	479.5 494.7	<u>2.1</u> 15.2		TYPE C-MT 1-2 % AS TO 260.7 BECOMING LESS TALCOSE TA
	774 • [LJOK	UM.	LCOSE & SLIGHTLY COARSER GRAINED DOW
				NHOLE-MT 1-2 %-FULIATED WEAKLY 485.7
				TO 486.3 AT 55 AND 488.2 TC 488.6 AT
				35 (FLOW BANDING)
	496.1	1.4	UM	AS TO 258-6-LOWER CT SHARF BUT IRREG
				ULAR-MT 1 %
	501.0	4.9		AS TO 260.7-MT 1-2 %
	504.9	3.9	UM	AS TO 260.7 BUT SLIGHTLY PALE GREEN
				(SERPENTINIZED) AND LESS TALCOSE-NON
	508.3	3.4	11 M	MAGNETIC As to 260.7 becoming weakly foliated 55
	2000.3	F • C		DOWNHOLE-MT 1-2 %
	511.9	3.6	LIM	TYPE A WITH SOME TYPE C-NT 1-2 %
· · · · · · · · · · · · · · · · · · ·	515.1	3.2		TUPE B-MT 1-2 %
	518.2	3.1	UM	TYPE A-MT 1-2 %

DEPTH	LENGTH MNZN	ROCK	DESCRIPTION	ING
518.4	0.2	UM	TYPE 8-MT 1-2 %	
519.5	1-1	UM	TUPE A-MT 1-2 %	
520.0	0.5	UM	TYPE B-MT 1-2 %	
520.7	0.7	UM	TYPE A-MT 1-2 %	
521.3	0.6	Ū.M.	TYPE 8-MT 1-2 %	
522.1	0.8	UM	TYPE A-MT 1-2 %	
526.4	4.3	UM	TYPE C-MT 1-2 %	
527.6	1.2	UM	TYPE C-MT 1-2 %	
529.0	1.4	UM	TYPE C-MT 1-2 %	
 529.4	0.4		BRECCIA-LARGE QTZ FELDSPAR ANPHIBOLE	
JZ 7 • 4	U • 7		RAGMENTS IN A FG DARK GREY TALCOSE MATRIX-CONTACTS SHARP	
533.1	3.7	UM	TYPE C-NT 1-2 %	
534•1	1.0	UM	TYPE 8-MT 1-2 %	
535.4	1.3	UM	TYPE C-MT 1-2 %	
 537.3	1.9	UM	TYPE C-MT 1-2 %	No na anala na amin'ny sorana amin'ny sorana amin'ny tanàna amin'ny tanàna mandritry tanàna amin'ny tanàna amin'
537.6	0.3	UM	TYPE B-MT 1-2 %	
540.6	3.0	UM	TYPE C-MT 1-2 %	
541.0	0.4	UN	TYPE B-MT 1-2 %	
544.5	3.5	UM	VARIETY TYPE A & B-COMPACT GRANULAR	
 			OLIVINE ZONES WITH LESS COMPACT PRIS	
			MATIC EQUANT DLIVINES-MT 1-2%	
545 • 4	0.9	UM	TYPE 8-MT 1-2 %	
545 . 6	0.2	PEG	BRECCIA-AS TO 529.4	
546.5	0.9	UM	TYPE B-MT 1-2 %	
547.3	0.8	PEG	BRECCIA-AS TO 529.4	
547.8	0.5	UM	TYPE 8-MT 1-2 %	
548.1	0.3	PEG	BRECCIA-AS TO 529.4	
553.3	5.2	UM	TYPE 8-MT 1-2 %	
554.2	0.9 MVW	UM	VARIETY TYPE A & B-AS TO 544.5-MT 1-	
	 A CRAW REPORT OF A CONTRACTOR STRUCTURE 	and a second	I %-CHALCOPYRITE CLOTS 5 %	
556.7	2.5	UM	AS TO 544.7-LOCAL LARGE WHOLE FRAGME	
22000		-	NTS (INCORPORATED INTO UN FLOW)-MT	
· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		1-2 %	
EE7 1	^ /			
557.1	0.4		BRECCIA-AS TO 529.4	
561.4	4.3	UN		
561.9	0.5 M		BRECCIA-AS TO 529.4-CHALCCPYRITE	
			P.S.C-73-2899 (CUBANITE)	
 			25 % IN THE MATRIX BETWEEN CTZ FELDS	
			PAR FRAGMENTS-MT 1 %	
			561.4 TO 561.5-MASSIVE CHALCOPYRITE	
564.6	2.7. MVW	UM	AS TO 544.5 WITH LOCAL PEGNATITE BRE	
			CCIA ZONES-CHALCOPYRITE CLOTS 2-3 %	
			MT 1-2 %	
568.0	3.4		AS TO 544.5-MT 1-2 %	
570.0	2.0		TYPE 8-MT 1-2 %	
571.9	1.9		AS TO 544.5-OLIVINES DECREASING DOWN	
			HOLE-MT 1-2 %	
580.0	8.1		TYPE C-OLIVINES SMALL AND EQUANT-LOC	
20000	~ ~ *		AL 1 INCH PEGMATITE BANDS AT 572.9	
			574.9,577.4,578.2 AND 579.C	
EOD A	7 n			
582.0	2.0		WITH 50 % PEGMATITE (INTRUDED VERY	
			IRREGULARILY THROUGHOUT THE UM)-LOCA	
 · · · · · · · · · · · · · · · · · · ·	and a second		L VERY TALCOSE ZONES	
587.9	5.9 MVVW	UM	TYPE C WITH SPKS CHALCOPYRITE PO THR	

	DEPTH	LENGTH MNZ	N ROC	K DESCRIPTION ANG OUTHOUT 1%-LOWER CT FOLIATED (FLOW	n
				FOLIATION-MT 1-2 %	H
>	592-8	4.9 MVW	UM	TYPE C-NT 1-2 3-587.9 TO 588.4-CHALC	$\langle \rangle$
	500 /	0 6	1144	OPYRITE SPKS 2-3 %	-
	593.6 595.8		UM	AS TO 260.7-MT CUBES 2-3 %	
	599.3	Contraction and the second	UN	AS TO 257.9-LOWER CT SHARP AT 80 Type A-NT 1-2 %	
	600.6			TYPE B-MT 1-2 %	ł
	603.9		UM	AS TO 260.7-LOCAL TALC RICH ZENES-MT	i
a a a a a a a a a a a a a a a a a a a	~~~~	<u></u>	<u> </u>	1-2 %	
	604.5	0.6	UM	MASSIVE-PALE GREEN-TALC ZONE	
	608.3		UM	AS TO 260.7 BUT WITH NUMEROUS IRREGU	
				LAR MASSIVE TALC RICH ZONES MT 1-2 %	
	610.0	1.7	UM	TYPE C-MT 1-2 %	-
а 1	619.1	9.1	UM	TYPE B-MT 1-2 %	l
	619.7		UM	TYPE C-MT 1-2 %	
	624.2		UM	TYPE B-MT 1-2 %	ļ
	625.8	and the second	UM	TYPE A-HT 1-2 %	
	626.2		UM	TYPE 8-MT 1-2 %	
	626.6		UM	TYPE A-MT 1-2 %	
	628.1		UM	TYPE C-MT 1-2 %	
	629.4 630.5		UM	TYPE A-MT 1-2 % Type C-MT 1-2 %	
	630.7		UM PEG		
	636.9	 A second star in the second star 	UM		
	03003	0.4	V n	(VARIABLE %)-MT 1-2 %	
	637.3	0.4	PEG	BRECCIA-AS TO 529.4	
	640.8			TYPE C-MT 1-2 %	-
	642.1	1.3		TYPE 8-NT 1-2 % LOWER CT FOLIATED (F	
				LOW CT)	ļ
	644.4	2.3	UM	TYPE B-MT 1-2 %	
	644.7	0.3	UM	TYPE A-HT 1-2 %	
	647.1	2.4		TYPE B-MT 1-2 %	
	650-2		UM	TYPE C-MT 1-2 %	
	651.1			TYPE B-MT 1-2 %	1
	651.6	0.5	UM	TYPE A-MT 1-2 %	
	654.2	2.6	UM	TYPE 8-MT 1-2 2-651.8 TO 652.0 PEGMA TITE BRECCIA	
	654.8	0.6	UM	TYPE A-MT 1-2 %	
	659.7	4.9	UM	TYPE B-MT 1-2 %	_
	660.8	1.1		TYPE A-MT 1-2 %	
	662.3	1.5		TYPE C-NT 1-2 %	
	662.6	0.3		TYPE B-MT 1-2 %	
	662.8	0.2	-	TYPE A-MT 1-2 %	
3 	663.3			TYPE A-WITH LOCAL TALC RICH ZONES	, į
				MT 1-2 X	1
	665.6	2.3		TYPE C-MT 1-2 %	
	678.0	12.4	UM	VARIETY OF TYPE B GRADING INTO TYPE	
				A DOWNHOLE-PRISMATIC AND EQUATN OLIV	1
				INES BECOMING LARGER, STRONGLY ALIGNE	
				D (FLOW FOLIATION) AND HIGHER IN PER	-
				CENTAGE DUWNHOLE (IE-TO TOP CF FLOW UNIT)-LOWER CT GRADATIONAL OVER 0.5	N:
	680.3	2.3	UM	FEET AS TO 260.7-LOCAL TREMOLITE SUNS	
		~ -			
				BOREHOLE# 55317-0 SAKAMI PROJECT PAGE#10)

-	DEPTH L 689.9	9.6	UM	DESCRIPTION TYPE C-LARGE EQUANT OLIVINES INCREAS ING IN % DOWNHOLE-WEAK FOLIATION-LOW ER CT GRADATIONAL OVER 0.3 FEET-MT	ANG
				1-2 %	
	692.2	2.3 1.2		AS TO 260.7-LOWER CT SHARP AT 90	
	693 •4	1.4		AS TO 257.9 MT CUBES 2-3 % LOWER CT Sharp	
	695.4	2.0		META OR META-DIABASE-FG TO MG-GREY	
	· · · · · · · · · · · · · · · · · · ·			GREEN-AMPHIBOLE RICH (AMPHIBGLITIC)	
				FELDSPAR-CHLORITE-MINOR BICTITIC ZON	
	698.2	2.8		ES-WEAKLY FOLIATED 90 META-META-ARKUSE INTERLAYERED BANDS	80
	07002	2. + Q		AND LAMINATIONS WITH GRADATICNAL CTS	80
				META-ARKOSE (LIGHT GREY-FG-MINOR CHL	
·····	·····			ORITE-TREMOLITE MICA) UNITS INCREA	
		A 3		SING DOWNHOLE	
	698.4	0.2		CG-HORNBLENDE RICH-DK GREEN-MINOR FE LDSPAR-POSSIBLE ALTERED GWKE-LOWER	
				CONTACT SHARP AT 75	
	706.2	7.8		META-META-ARKOSE-AS TO 698.2	70
	717.7	11.5		MG-GREY-BANDS INTERLAYERED WITH MG	
				TO CG GREY-GREEN BNADS OF CHLORITE	
				SERPENTINE BANDS FROM 0.1 TO 3.0 INC HES WIDE WITH GRADATIONAL TO SHARP	
				IRREGULAR CONTACTS-FOLIATED 65 AT 71	
				3.0 AND 40 AT 714.2-SPKS CP PC 1 %	
				LOWER CT SHARP AT 40	
	31 0 /	•		TS-C-73-3212 @ 714.1" META GWKE	
	718.6	0.9		AS TO 698.4-SPKS PO CP 11-LCHER CT Sharp at 75	
	719.3	0.7		AS TO 717.7-LOWER CT SHARP AT 50	
	720.4	1.1		AS TO 695.4-LOWER CT SHARP AT 40	
	724,4	4.0		BIGTITE ANTHOPHYLLITE (POSSIBLE CORD	
				IERITE) SCHIST-MG GREY TO CREY BROWN	
				SPKS PO CP 1%-LOWER CT SHARP AT 50 TS-C-73-3213 @ 723.3' METAGWKE	
	724.8	0.4		FELDSPATHIC-FG GREY PO 1-2% & BIOTIT	and the second
				E (5%) ALONG FOTN PLANES-LOWER CT SH	
				ARP AT 50-15 TO 20 CPS	
	725.3	0.5		AS TO 724-4-LOWER CT SHARP AT 40	
	726.0	0.7	-	AS TO 724.8 BUT WITH NUMEROUS (60%) BIOTITE RICH ZONES-15 TO 2C CPS	
	726.6	6.6		AS TO 724.8 BUT WITH META-DIABASE IN	
	.2000			TRUSIONS THROUGHOUT-15 TO 20 CPS	
	·····			726.0 TO 726.1-META-DIABASE	
	726.9	0.3		CG-ROUNDED QTZ GRAINS CCMPACTED TOGE	
				THER-LIGHT GREY-VERY MINCR TC NO FEL DSPAR-MAFICS 5% (CHLORITE) TRACES CA	
- · · ·				LCITE-LOWER CT SHARP BUT IRREGULAR	
				15-20 CPS	
	729.5	2.6		FG-DK GREY WITH MAFICS 15-2C% AS BIG	60
				TITE & CHLORITE SELVAGES GIVING AN	
				INDISTINCT PEBBLY APPEARANCE-WEAKLY Foto-Mafic Content Decreasing Cownho	
				LE-LOWER CT SHARP-15 TO 20 CPS	ana ay amin'ny

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		STH MNZN ROCH	
	729.6 (D-I QIE	PEBBLY-ELONGATED QTZ PEBBLES (50%) Up to 0.1 Inch long at 60 degrees wi
			TH WELL DEVELOPED MATRIX OF BIOTITE
			SELVAGES & FG QTZ-LOWER CT SFARP AT
	730 3 1	7 0.15	60-15 TO 20 CPS ECHMEDIUM CREW-58 MARICE (CHLORITE C
	730.3	C.7 QTE	FG-MEDIUM GREY-5% MAFICS (CHLORITE &
			MICAJ-LOWER CT SHARP AT 60-15 TO 20 CPS
	743.3 13		T PORPHYRITIC-QTZ & FELDSPAR SUBRCUNDE
	17J+J 1.		D PORPHYRIES IN A FG DK GREY GTZ FEL
			DSPAR MICA CHLORITE NATRIX-PORPHYRIE
			S INCREASE GRADUALLY IN SIZE UP TO
			0.1 INCH DOWN TO 734.1
			734.1 TO 734.4-PURPHYRIES UP TO 0.2
			INCHES
		·····	734.4 TU 737.0-PORPHYRIES INCREASE
			IN SIZE UP TO 0.2 INCH DOWNHOLE
			737.3 TG 738.7-PORPHYRIES C.2 INCHES
			738.7 TO 743.3-PORPHYRIES LESS THAN
			0.05 INCHES & UNIFORM THROUGHOUT-MIN
			OR LOCAL GTZ RICH BNDS-SPKS FY .1%
			LOWER CT SHARP
	747.5 4	4.2 QTE	FG-DK GREY-WEAKLY FOTD-MAFICS 15-20% 60
			(BIOTITE CHLORITE) WITH GTZ RICH ZON
			ES-SPKS PY 18-LOCAL MICA CHLORITE
			RICH BANDS-POSSIBLE LOCAL INCISTINCT
			ELONGATED QTZ PEBBLY (LESS THAN 0.5
			INCHES LONG) ZONES WITH BIGTITE SELV
			AGES-15 TO 20 CPS-MAFIC CONTENT DECR
and a second	749.2 1		EASES DEWNHOLE FG TO MG-LIGHT TO MEDIUM GREY-GRITTY
	17746 1		(MINOR)-GRANULAR APPEARANCE-MAFICS
			5-8% DECREASING DUWNHOLE-LOCAL PALE
	· · · · · · · · · · · · · · · · · · ·		GREEN CHLORITE & MICA BNDS-LOWER CT
			SHARP-15 TO 20 CPS
	749.5 0	.3 QTE	FG-DK GREY-BIOTITE 50-6C%-PY 1-2%-15
	าร การขัดสร้างให้ พืชวัตราย การการเพื	a construction of a state of the state of th	TO 20 CPS
	753.4 3		FG TO MG-LIGHT TO MEDIUM GREY-OCCASI
			ONAL QTZ GRITS-GRANULAR-MAFICS 5-10%
			-LOCAL PALE GREEN CHLORITIC BNDS-SPK
			S PY 18-LUWER CT SHARP AT 60-15 TO
	-		20 CPS
	753.7 0	1.3 QTE	MG-GREY-50% WELL DEVELOPED CHLORITE 60
			& BIOTITE BNDS-LOWER CT SHARP AT 60
· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		15 TO 20 CPS
			AS TO 753.4-15 TO 20 CPS
			VEIN-WHITE MASSIVE AS TO 253 A-15 TO 20 CPS
	the second second second second second second		AS TO 753.4-15 TO 20 CPS VEIN-AS TO 754.2
			AS TO 753.7 BUT CHLORITE BANCS LESS
	+27+¥ U		DEVELOPED-15 TO 20 CPS
	758.7 3		FG TO MG-DK GREY WITH LOCAL GTZ RICH 55
			BNDS-MAFICS 15-20% (BIOTITE CHLORITE
			I-LCCAL BIOTITE CHLORITE STRS AS POS
			SIBLE SELVAGES-OCCASIONAL CTZ GRIT
			BOREHOLE# 55317-0 SAKAMI PROJECT PAGE#12

j

*	UEPTH	LENGTH MNZN	RUCI	DESCRIPTION ANG WEAKLY FGTD-15 TO 20 CPS 758.1 TO 758.2-DIOPSIDE SKARN
<u>}</u>	759.1	0.4	QTE	PEBBLY-AS TO 726.9-WEAKLY FCTD-15 TC 70
	759.4	0.3	OTE	20 CPS-15 TO 20 CPS AS TO 758.7
	759.7			DIOPSIDE-CG-GREEN-CALCITE DIPSIDE QTZ-LOWER CT SHARP
	762.0			AS TO 758.7-15 TO 20 CPS
	762 .2			PEBBLY-ELONGATED QTZ PEBBLES (75%) 80 UP TO 0.6 INCHES AT 80 DEGREES WITH WELL DEVELOPED BIOTITE-CHLCRITE MATR IX (SELVAGES)-15 TO 20 CPS
	762.4			GREY-MASSIVE-BIOTITE CHLORITE 2-3% 15 TO 20 CPS
· · · · · · · · · · · · · · · · · · ·	762.6			AS TO 759.7-LOWER CT IRREGULAR
	763.4			AS TO 758-7-LOCAL BNDS DIOPSIDE SKN
	763.8	0.4	274	AS TO 759.7-LOWER CT SHARF & IRREGUL Ar
Ř	764.2	0.4	QTE	AS TO 758.7-SPKS PY 1%-LOWER CT AT 80 DEGREES
	764.3	0.1	QTZ	VEIN-MASSIVE-CG-LOWER CT SHARP BUT IRREGULAR
	764 • 5	C • 2	QTE	FG-DK GREY-MAFICS 40-50% (CHLORITE 8 IOTITE)-LOCAL CHLORITIC BNCS-SPKS PY 1%-15 TO 20 CPS
	765.0	0.5	QTE	FG TO MG-BUFF GREY TO PALE GREEN-BIO TITE CHLORITE (10%) AS SMALL FARALLE
	765.9	0.9	QTE	L STRS AT 75 DEGREES-SPKS PY 1%-15 TO 20 CPS PEBBLY-ELONGATED QTZ PEBBLES (50%) UP TO 0.8 INCHES LONG DECREASING IN SIZE & BECOMING INDISTINCT DOWNHOLE FG DK GREY MICA AS MATRIX & SELVAGES
	769.3	3.4	QTE	PY 1-2%-15 TO 20 CPS FG DK GREY WITH INDISTINCT ELONGATED QTZ PEBBLES () 50% BECOMING INDISTI NCT & DECREASING IN SIZE & DENSITY DOWNHOLE-CHLORITE & MICA AS MATRIX & SELVAGES DECREASING IN CONTENT DOW
	769.4	0.1	QTZ	NHOLE-LOCAL CHLORITE BNDS-LOWER CT SHARP AT 70-PY 2-3%-20 TO 25 CPS VEIN-QTZ WHITE MASSIVE-LOWER CT SHAR P AT 70
	769.6	0.2		FG DK GREY-MICA CHLORITE 25%-15 TO
	770.4	0.8		20 CPS SIMILAR AS TO 765-0-FG TO MG-WEAKLY 75 FOTD-CHLORITE & MICA STRS PARALLEL TO FOTN-ONE SPECK GALENA-SPKS PY 18
	771.4	1.0		15 TO 20 PCS TRANSLUCENT IRREGULAR SHAPED GTZ MAS SES-SOME APPEAR TO BE ELONGATED PEBB
				LES UP TO 1 INCH LONG WITH SCATTERED CHLORITE & MICA 15-207-LOCAL BND DIO PSIDE SKN-SPKS PY 13-15 TC 20 CPS
	772 • 8	1.4	GWKE	META-NG-DK GREY GREEN-AMPHIBCLE & MI 45
				BOREHOLE# 55317-0 SAKAMI PROJECT PAGE#13

5	DEPTH	LENGTH MNZN	ROC	K DESCRIPTION ANG CA RICH-MINOR FELDSPAR-STRENGLY FOTD SPKS PY PO 1%-LOWER CT SHAPP
<u> </u>	774.2	1.4	QTE	PEBBLY-ELONGATED GTZ PEBBLES (TRANSL 75
				UCENT) 50% UP TO 1 INCH LONG BECOMIN G SMALLER & INDISTINCT DOWNHOLE-SPKS PY 1%-15 TO 20 CPS
	774.9	C.7	OTE	AS TO 765-0-15 TO 20 CPS
	777.7			FG DK GREY-LOCAL ATZ RICHER BNDS-OCC 75
				ASIONAL GTZ GRIT-MAFICS 15 TO 20% BI OTITE CHLORITE-LOCAL INDISTINCT POSS IBBLE ELONGATED GTZ PEBBLES (UP TO 0.5 INCHES LONG) WITH BIOTITE CHLORI TE SELVAGES-WEAKLY FCTD-SPKS FY 1% 15 TO 20 CPS
	779.6	1.9	QTE	MG-MEDIUM GREY-MASSIVE-GRANULAR APPE
				ARANCE WITH MINOR QTZ GRITS-LOCAL BI OTITE CHLORITE BNDS-SPKS PY 11-15 TO 20 CPS
	779.8		QTZ	VEIN-WHITE MASSIVE
140 	780.7	C.9	QTE	AS TO 779.6 BUT LIGHTER GREY-CTZ GRI TS_& COARSER GRAINED-15 TO 20 CPS
	781.4	C.7	QTE	MG TO CG-MASSIVE-GRANULAR-SUGARY APP EARANCE-MINOR QTZ GRITS-BICTITE & CH
				LORITE (10%) AS BNDS SELVAGE LIKE IN APPEARANCE-MINOR INDISTINCT EANDING DUE TO VARIABILITY OF MAFIC CONTENT 15 TO 20 CPS
	782.1			AS TO 759.7
	782.6	0.5	QTE	PEBBLY-ELONGATE PEBBLES 1 INCH LONG 90 (60%) OM FG DK GREY GREEN CHLORITE &
				MICA RICH QTZ MATRIX-NO DEFINITE CTS 15-20 CPS
	785.6	3.0	QTE	AS TO 781-4-CG BECOMING FINER GRAINE
	1 00 1			D DOWNHOLE & LESS MAFIC (ONE BED)-LO WER CT GRADATIONAL-15-20 CFS
	790.7	5.1	QIE	AS TO 781.4-LOWER CT SHARF AT 70-15 TO 20 CPS
	791.0	0.3	QTE	SERICITIC-MG-LIGHT GREY-MAFICS 5%-LO WER CT SHARP AT 55-15 TO 20 CPS
	794.7	3.7	OTE	AS TO 781.4-LOWER CT SHARF-15-2C CPS
	794.9		QTZ	VEIN-WHITE MASSIVE
	795.6	0.7	QTE	PEBBLY-SEVERAL ELONGATED CT2 PEBBLES 70 (25%) 0.1 TU 0.8 INCHES-WELL DEVELOP ED BIOTITE CHLORITE SELVAGES IN A CG
				DK GREY GTZ BIOTITE CHLORITE CTZ GRI TS MATRIX-WEAKLY FOTD-SPKS PY 1% 15-20 CPS
	797.2			AS TO 781.4-15 TO 20 CPS
	797.5	0.3	QTE	PEBBLY-IRREGULAR ELONGATED GTZ MASSE S (PEBBLES) 0.05 TO 0.5 INCHES (75%) IN BIOTITE CHLORITE MATRIX-LOWER CT
	A.0.1 0	2 7	~**	SHARP-15 TO 20 CPS
	801•2 801•4			AS TO 781.4-LOWER CT SHARF-15-20 CPS PEBBLY-ELUNGATED QTZ PEBBLES (75%)
				0.1 TO 0.3 INCHES-CHLORITE BIGTITE
			······	BCREHOLE# 55317-0 SAKAMI PROJECT PAGE#14

			MATRIX
	801.7	0.3	QTE MG TO CG-MEDIUM GREY-QTZ GRITS NUMER
			OUS-STRS CHLORITE & MICA THROUGHOUT
			(25-30%) GIVING A WEAK FOLIATION AT
	203 3	~ E	70-15 TO 20 CPS
an a	802-2 806-9	0.5	QTZ VEIN-WHITE MASSIVE QTE AS TO 801.7 BUT BECOMING LESS MAFIC 75
	000.5	7 • 1	E SERICITIC DOWNHOLE-SPKS PY 1% WEAK
			LY FOTD-LOWER CT SHARP AT 75-15 TO
· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·	20 CPS-ONE SPK GALENA AT 8C6.8
			805.2 TO 806.9-MICACEDUS CONTENT UP
			TO 5% RUSTY RED ALTERED MICA ()
			803.6 ONE UTZ PEBBLE 0.8 INCH LONG
			WITH BIOTITE CHLORITE SELVAGES
· · · · · · · · · · · · · · · · · · ·	817.8	10.9	QTE MG DK GREY-MAFICS 25% (CHLORITE-MICA
) WITH LOCAL BIOTITE BNDS & ENDD APP
			EARANCE DUE TO % CHANGES OF MAFICS-
			CG-GRANULAR LIGHTER GREY & INCREASIN
			G CONTENT OF FIBROUS CHLORITE (TREMO
			LITE) DOWNHOLE-LOCAL IRREGULAR FIB
· · · · · · · · · · · · · · · · · · ·			ROUS CHLORITE BNDS-QTZ GRITS NUMEROU S-SPKS PY 1#
			S-SPRS PT 14 815.1 TO 815.4 & 816.5 TO 816.8-CLOU
			DY GTZ BNDS WITH GRADATIONAL IRREGUL
		an a	AR CTS (VEINS) CUNTAINING SPKS 1-2%
	818.1	0.3	QTZ VEIN-WHITE MASSIVE
	820.0		QTE FG-MG-DK GREY-25% CHLORITE BICTITE
			WITH LOCAL QTZ RICH ZONES (LIGHT GRE
			Y-FG TO MG) WITH GRADATIONAL CTS-LOC
	والمروم ومراجع	Maria an an an an	AL BIOTITE & CHLORITE BNDS-15 TO 20
	000.1	0.1	CPS
	820.1		QTE PEBBLY-AS TO 801.4-15 TO 20 CPS
	820.6	0.5	<u>QTE FG DK GREY-BIOTITE & CHLOFITE SELVAG</u> E LIKE APPEARANCE 15-20% 15 TC 20
			CPS
	820.7	0.1	QTE PEBBLY-AS TO 801.4-15 TO 20 CPS
	822.4		QTE FG-LIGHT BROWN-GREY WITH MAFICS 5%
			LIGHT RUSTY RED ALTERED MICA INTERS
			TIAL IN GTZ-LOCAL MAFIC BNDS 15 TO
			20% BIOTITE CHLORITE WITH GRADATIONA
			L CTS-SPKS PY 18-15 TO 20 CPS
	824.6		QTE AS TO 820.0-15 TO 20 CPS
	824.9	0.3	QTE PEBBLY-INDISTINCT ELONGATED CTZ PEBB
			LES (50%) 0.1 TU 0.5 INCHES LONG-WEL
· · · · · · · · · · · · · · · · · · ·	····	and the second	L DEVELOPED BIOTITE SELVAGES-15 TO
	000 4	. 7	20 CPS
	829.6	4.7	QTE FG-MG-DK GREY-MAFICS (20-25%)-CHLORI 75 TE & MICA IN STRS SOME SELVAGE LIKE
			DECASIONAL UTZ GRIT-LOCAL GTZ RICH Z
			ONES-SPKS PY 1%-WEAKLY FOTD-LOCAL
			CHLORITE () BANDS (GREEN & FIBROUS)
			15 TO 20 CPS
	830.3	0.7	QTE MG-CG-MEDIUM GREY-MAFICS 5% AS CHLOR
a server et et au en ante anno en ante an ante antenen antenen en an antenen antenen antenen antenen antenen a	a a a a a a a a a a a a a a a a a a a		ITE-OCCASIONAL QTZ GRITS-SCME QTZ TR
			ANSLUCENT-15 TO 20 CPS

		LENGTH MNZN			
<u>s</u>	831.5	1.2	41C	AS TO 829.6 BUT NUMEROUS CHLORITE MI 75 CA BNDS AT 75-15 TO 20 CPS	
* (833.0	1.5	0TE	PEBBLY AS TO 824.9-QTZ PEBBLES DECRE	
<u> </u>	033+0	1.00	WIL	ASING IN SIZE DOWNHOLE-35 TO 40 CPS	
				AT 831.7 & 20 TO 25 CPS AT 832.8	
	833.3	0.3	OTE	AS TO 830.3-LOWER CT SHARP AT 45-15	
		. <u></u>	· • •	TO 20 CPS	
	834.2	6.9	OTE	AS TO 829.6-15 TO 20 CPS	
	835.2	1.0		PEBBLY-AS TO 824.9 BUT PEBBLES INDIS	
a construction of the second sec				TINCT & UP TO 1 INCH LONG AT 70 DEGR	
				EES-20 TU 25 CPS	
	836.5	1.3	OTE	CG-MEDIUM GREY-MAFICS 5-1C2 (CHLORIT	
				E MICA)-SIMILAR AS TO 830.3-20 TO 25	
				CPS	
	836.6	0.1		PEBBLY-AS TO 824.9-SPKS PY 11-25 TO	
				30 CPS	
	837.1	0.5	QTE	AS TO 830.3-30 TO 35 CPS AT 836.7 &	
				25 TO 30 CPS AT 837.0	
	837.3	0.2	QTE	PEBBLY-SIMILAR-AS TO 824.9 GTZ PEBBL	and a second
J				ES UP TO 1.2 INCHES LONG AT 70-SPKS	
				PY 2-38-40 TO 45 CPS	
	840.4	3.1	QTE	AS TO 829.6-22 TO 28 CPS	
	840.9	0.5		PEBBLY-SIMILAR AS TO 824.9-SPKS PY	
				LESS THAN 18-40 TO 45 CPS	
	841.1	0.2	QTE	AS TO 829.6-20 TO 25 CPS	and a set of a set of the set of
	841.4	0.3		AS TO 830.3	
	841.7	0.3	QTE	PEBBLY-AS TO 824.9-SPKS PY 18-35 TC 65	
				40 CPS	
	842.1	0.4	QTE	AS TO 830.3-15 TO 20 CPS	
	843.8	1.7	QTE	AS TO 829.6-15 TU 20 CPS	
	845.3	1.5	QTE	AS TO 830.3 BUT MAFIC CONTENT DECREA	
				SING DOWNHOLE (PURE QTE)-LOWER CT SH	
				ARP AT 50	
	845.6	0.3	QTE	AS TO 829.6-15 TO 20 CPS	
	845.8	0.2	QTE	FG-LIGHT GREY SERICITIC QTZ BNDS(O	
······································	99			.3 INCHES WIDE) WITH PURPLISH PINK	
				INTERLAYERED MORE MAFIC BICTITE & CH	
				LORITE BNDS AT 60-15 TO 20 CPS	
· · · · · · · · · · · · · · · · · · ·	846.2	0.4		AS TO 829.6-15 TO 20 CPS	
	846 • 4	0.2		AS TO 830-3-15 TO 20 CPS 60	
	849.0	2.6		AS TO 829.6 BECOMING LESS MAFIC DOWN	
		A -		HOLE 15 TO 20 CPS	
	849.2	0.2		PEBBLY-AS TO 824.9-25 TO 30 CPS 70	
	849-6	0.4		AS TO 829.6-20 TO 25 CPS	
- · · · · · · · · · · · · · · · · · · ·	850.4	0.8		PEBBLY-SIMILAR AS TO 829.6 BUT PEBBL	
				ES LESS THAN 0.2 INCHES & LESS DISTI	
•	pes a	1 5		NCT-20 TO 25 CPS	
	851.9	1.5		AS TO 829.6 BECOMING LESS MAFIC DOWN	
	660 1	n n		HOLE	
	855.1	3.2		PEBBLY-SIMILAR AS TO 824.5 WITH INDI	
				STINCT QTZ PEBBLES UP TO 0.8 INCHES	
				LONG-SPKS PY 13-23 TO 28 CPS AT 852	
				0-30 TO 35 CPS AT 852.7 & 20 TO 25	
n an	GRE A	Λ 7		PERRI V-AS TO 824 9-25 TO 20 CRS	
Í	855+8	0.7	MIC	PEBBLY-AS TO 824.9-25 TG 30 CPS	

	DEPTH	LENGTH MNZN	R CCK	DESCRIPTION ANG
	856 • 4	0.6	QTE .	AS TO 829.6-21 TO 25 CPS
	857.3	0.9		PEBBLY-AS TO 824.9-23 TO 29 CPS
	857.6	0.3		AS TO 829.6-18 TO 22 CPS
	859 • 8	2.2		PEBBLY-AS TO 824.9-SPKS PY 11-22 TC 60
		-	-	0 CPS-LOWER CT SHARP AT 55
	860.0	0.2		DIOPSIDE-CG MEDIUM GREY GREEN-DIOPSI
				E-MINOR QTZ CALCITE-SPKS PY 1%
	860.4	C.4		CG WHITE MASSIVE WITH MINOR CIOPSIDE
		- - -		KARN BNDS (15-20%)-LOWER CT SHARP
· · · · · · · · · · · · · · · · · · ·	860.7	0.3		VEIN-WHITE MASSIVE-LOWER CT SHARP
	861.0	0.3		AS TO 860.4-LOWER CT SHARF
	861.3	0.3		VEIN-WHITE MASSIVE-LOWER CT SHARP
	861.0	0.3		AS TO 829.6
	862.4	0.8		CG-WELL DEVELOPED DIOPSIDE 75% WITH
	002.17	V • V		ALCITE-MINUR QTZ-PO PY 4-5% AS SPKS
· · · · · · · · · · · · · · · · · · ·				STRS BETWEEN GRAINS-ONE SPK GALENA
				JWER CT SHARP
	OLE P	3 4		
	865.0	2.6		PEBBLY (CONGLOMERATIC)-INCISTINCT EL
				NGATED QTZ PEBBLES 75% (0.2 TO 1\$3
				VCHES) AT 60 IN FG DK GREY BIOTITE
		· · · · · · · · · · · · · · · · · · ·		HLORITE MATRIX WITH SPKS PY 1-2%
				D TO 36 CPS DECREASING TO 24 TO 29
				PS DOWNHOLE
	873.7	8.7	A STATE OF A STATE OF A STATE OF A	PORPHYRITIC-QTZ & FELDSPAR RCUNDED
			P	DRPHYRIES (50%) LESS THAN 0.1 INCH
			L	DNG ELONGATED AT 60 DEGREES-FG DK
			GI	REY MATRIX OF QTZ MICA FELDSPAR-LOC
				PO PY 1% ALONG FOTN PLANES
	875.7	2.0		PORPHYRITIC-AS TO 873.7 BUT WITH 10
				15% PORPHYRIES AS LOCAL CONCENTRA
				IONS IN BNDS AT 60
	881.9	6.2		AS TO 873.7-879.5 TO 879.6-NON-PORPH
	884.0	2.1		AS TO 875.7 BUT 5-10% PORFHYRIES-LOW
	UT U			R CT SHARP AT 60
	884.5	0.5		TETA-FG MG-AMPHIBOLE RICH-FELDSPAR
	C+ 100	<u>ve</u> 2	terrer in the terrer of the terrer	INCR MICA & CHLORITE-0.2 INCH ALTER
				D UPPER CT-WEAKLY MAGNETIC-SPKS PO
	~~~·			12-884.2-0.05 STRINGER PO
	884.6	0.1		DIOPSIDE RICH-MINOR CALCITE CTZ-LOWE
	<b>.</b>	<b>.</b>		CT SHARP
	884 . 8	0.2		1ETA-AS TU 884.5-SPKS PO 14
	885.4	C.6		AS TO 884.6-IRREGULAR CTS
	886.7	1.3		IETA-AS TO 884.5-SPKS PO 11
	888.1	1.4	SKN	AS TO 884.6-IRREGULAR ZONES OF META-
			0	IABASE-CTS IRREGULAR
	889.1	1.0	DIA	1ETA-AS TO 884.5-SPKS PO 11
	889.2	0.1		AS TO 884.6
	917.3	28.1		AETA-AS TO 884.5 BUT DECREASING PO
				CG DOWNHOLE-LOCAL QTZ-CALCITE VEIN
				-894.7-1.0 INCH CALCITE-QTZ VEIN WI
				A PY PO 10%-LOWER CT SHARP AT 20
	917.7	0.4		/EIN-WHITE MASSIVE-FRACTURED LOWER
	71101	~ • 7		SHARP AT 10
	934.9	17.2		AETA-AS TO 884.5 BUT BECOMING FINER
	724•7	11.4	UTA L	TERMAJ EU QUMEJ DUE DEGUMERU FENEN

	DEPTH	LENGTH MNZN	DESCRIPTION RAINED DOWNHOLE-LOWER CT SHARP AT D CEGREES	ANG
	936.0	1.1	G-GREEN-AMPHIBULE RICH-MINCR CHLORI	60
			FELDSPAR-LOCAL BIGTITE RICH ZONE	
			MILAR AS TO 257.9-WELL FCTC-LOWER	
		an a commence of a commence	SHARP AT 60	
	936 . 1		S TO 884.6-LOWER CT SHARF	
	936.4		AS TO 936.0-LOWER CT SHARP AT 60	60
	940.3	3.9	TETA-MEDIUM GREY (SLIGHTLY GREENISH	60
			(OWN) FG-MG-FELDSPAR MICA RICH-MINO	
			AMPHIBOLE BNDS INTERLAYERED WITH G-MG DK GREY GREEN BNDS (AMPHIBOLE	
			ICH-FELDSPAR & MICA) WITH SCHE INTE	
			INGERED (DEPOSITIONAL) CTS 6 WELL	
			TD-LOCAL IRREGULAR BNDS CIOPSIDE	
· · · · · · · · · · · · · · · · · · ·			(ARN & QTZ (MINUR CALCITE) STRS-LOW	
			CT SHARP 60	
	941.5	1.2	META-META-TUFF -FG MG-GREY GREEN-AMP	65
		e de la companya de l	BOLE & CHLORITE RICH WITH FELOSPAR	
			Z & MICA EYES (UP TO 0.05 INCHES)	
			THE PLANES OF WELL DEVELOPED FOTN	
			IWER CT SHARP AT 50	
			0.7 TO 941.3-10 TO 15% QTZ & FELDS	
			AR EYES UP TO 0.08 INCHES IN THE	a second a construction of the second sec
			ANE OF FOTN	
	043 E	1 0	G-C-73-3214 @ 941.0' META GWKE	
	942.5		1ETA-AS TO 940.3-LOWER CT SHARP 45	۶۵
	943•1	0.6	NS TO 941.5 BUT WEAKLY FOTC-NICA FEL Spar eyes 10-15%-lower ct sharp 40	
	944.1	1.0	NETA-AMPHIBOLITIC-MG-DK GREY GREEN	55
an a			LDSPAR MICA & AMPHIBOLE-BEAKLY FOT	e San Fare e conservation e la conservation de la conservation
			MINOR QTZ STRS-LOWER CT IRREGULAR	
	944.5	0.4	IS TO 884.6	
	945 .7	1.2	IETA-AS TO 941.5 BUT LIGHTER GREY GR	55
			N (LESS AMPHIBOLE)-LOWER CT AT 50	
and the second secon	958.1	12.4	REMOLITE ANTHOPHYLLITE MICA SCHIST	
			G NG LIGHT GREY-QTZ & MICA EYES IN	
			ANE OF FOTN-LOCAL MINOR GTZ VEINS-	
			IT UNIFORM THROUGHOUT	
	A.C.A	<i>c i</i>	G-C-73-3215 @ 957.7' META GWKE	
	958-5		AS TO 884.6-LOWER CT SHARP	66
	973.8	15.3	IS TO 958.1 BECOMING DARKER GREY IN IST FOOT OF UNIT-LOWER CT SHARP 55	<i>uu</i>
	975.3	1.5	IETA-AS TO 944.1 GRADING INTO FOLLOW	50
	51263	# • •	IG UNIT	
· · · ·	975.7	0.4	S TO 958.1-LOWER CT SHARP	50
	976.8	1.1	IETA-AS TO 940.3 PLUS LOCAL LIGHT GR	+ -
	- • • • • •		ARKOSIC BNDS-GRADES INTO FOLLOWIN	
			UNIT	
	978.3	1.5	IETA-AS TO 944.1	55
	978.9	0.6	IETA-AS TO 884.5	
	979.5	0.6	IETA-AS TO 944.1	
	979.6	0.1	IETA-AS TO 844.5	
· · · · · · · · · · · · · · · · · · ·	982.3	2.7	IETA-AS TO 944.1-981.0-0.1 INCH CALC	
			'E QTZ STRS WITH PO PY-GRADES INTO	

	DEPTH	LENGTH MNZN			ANG
				OLLOWING UNIT	
	982.9			AS TO 958-1	
<u> </u>	983.1			META-AS TO 944.1	
	983.3		AMPH	MG CG DK GREEN-LOWER CT IRREGULAR	
	983.6		SKN	AS TO 884.6	
and the second	983.9	0.3	a construction of the second second	AS TO 983.3	
	984.2	0.3	SKN	AS TO 884.6	
	984.5	0.3	AMPH	AS TO 983.3-(METAGWKE)	1
and a second	984.6	0.1	GWKE	AS TO 958.1	
	985.2	0.0	GWKE	META-AS TO 944.1	
	985.3	0.1	MTSD	AS TO 958.1 GRADING INTO FOLLOWING	
				INIT	
	986.0	0.7	GWKE	META-AS TU 944.1	
	986.1	0.1	SKN	AS TO 884.0	
i i i i	987.0	0.9	GWKE	AS TO 944.1-SHARP LOWER CT	55
	987.9	0.9		AS TO 944-1	
	988.4			META-AS TO 941.5-MICA QTZ FELDSPAR	70
				YES 15-20%	
	988.6	0.2		AS TO 884.6	
	991.5			META-AS TU 941.5	
	992.6			META-AS TO 940.3-SPKS PY FO 18	80
	993.8			AS TO 944.1	
	995.2			META-AS TO 884.5	
	995.8	0.6		META-AS TO 944.1	
	1001.8	6.0		META-AS TO 884.5 BUT FG (FOSSIBLE N	
				AGHKE SECTIONS-BIOTITIC)-MINCR LISP	
				ACEMENT OF SEVERAL OTZ VEINS-SPKS	
		······································		Y 1%	
	1002.8	1.0		META-AS TO 940.3-LOCAL BNDS WITH GR	A
				ATIONAL CTS AS TO 958.1	
		and and a second		002.3-1002.4-WHITE MASSIVE CTZ VEIN	
	1008.0	5.2		META-AS TO 1001.8-SPKS PO 11-WEAKLY	
				AGNETIC	
	1009.4	1.4		META-AS TO 940.3 BUT WITH NUMERGUS	
				IG BIOTITE RICH BNDS	
	1009.9	0.5		META-AS TO 1001.8	
	1010.9	A CONTRACTOR AND A CONTRACTOR		META-AS TO 940.3-LOWER CT SHARP	n na harrien and an anna an anna an anna an anna an anna anna an an
	1015.1			VEIN-WHITE MASSIVE CRYSTALLINE CTZ	
	~~~~~~			ITH WALLROCK INCLUSIONS 15-20%	
	1017.1	2.0		GREEN FG BECUMING COARSER GRAINED D	n
				NHOLE-AMPHIBOLE RICH-NUMEROUS QT2	~
				EIN INTRUSIONS DECREASING DOWNHOLE	
	1017.2	0.1		META-AS TO 940.3	
i	1018.1			AND-BST-AS TO 358.8-LOWER CT SHARP	
1	TOTO # T			T SO	
gen en e	1020.2	2.1		META-AS TU 944.1-LOCAL BNE EIGPSIDE	
	102V 42			KARN	
	1027.8	7.6		META-AS TO 844.5 BECOMING CCARSER G	R
	6 M Av. I. 7. V			INED COWNHOLE	
	1028.1	0.3		AS TO 884.6	
	1020.1			META-AS TO 884.5 BECOMING FINER GRA	Ŧ
	703100			ED DOWNHULE	4
	1032.0	0.4		AS TO 884.6	
	1032.8	0.4		META-AS TU 944.1 BECOMING FINER GRA	Ĩ
nene en recomentaria en	1776 90	· · · · · · · · · · · · · · · · · · ·		ED DOWNHOLE	
L					EOREHOLE# 55317-0 SAKANI PROJECT PAGE#19
	·				CARENCER JUSTEN JANANT LUNGER LARCETA

	1032.9		ROCK DESCRIPTION ANG QTE PEBBLY-FG-MEDIUM GREY-INDISTINCT ELC
			NGATED QTZ PEBBLES (60%) 0.2 TO 1.0
			INCHES-FG DK GREY BIOTITE CTZ CHLORI
			TE MATRIX-SPKS PY 1%-15 TO 20 CPS
	1033.0	C.1	GWKE META-AS TU 944.1-LOWER CT SHARP AT
	1023 4		70-15 TO 20 CPS
	1033.6	G•6	QTE PEBBLY-MEDIUM GREY INDISTINCT ELONGA
			TED QTZ PEBBLES (25%) 0.2 TO 0.9 INC HES LONG-FG DK GREY QTZ BICTITE CHLO
···· · · · · · · · · · · · · · · · · ·			RITE MATRIX-MAFICS 20-25% CCCASIONAL
			BIOTITE SELVAGES & QTZ GRITS-SPKS PY
			1%-15 TG 20 CPS
	1033.8	0.2	QTE MG-LIGHT GREY WITH MAFICS 5-108-15 60
			TO 20 CPS
	1036.3	2.5	QTE PEBBLY-ELONGATED INDISTINCT CTZ PEBB
			LES (40-50%) UP TO 0.8 INCHES LONG
			IN A FG BROWN-GREY TREMOLITE & CHLOR
			ITE RICH GTZ MATRIX-MAFICS 10-15%
	1034 E	• •	15 TO 20 CPS OTE DEBUTE AS TO 1032 4-15 TO 20 CPS
	1036.5	0.2 0.2	QTE PEBBLY-AS TO 1033.6-15 TO 20 CPS SKN AS TO 884.6
	1039.4	2.7	QTE PEBBLY-AS TO 1036.3-22 TO 27 CPS
	1041.2	1.8	QTE PEBBLY-AS TO 1033.6-SEVERAL CISTINCT 60
			QTZ PEBBLES AT START OF UNIT UP TO 1
			.3 INCHES DECREASING IN SIZE & DENSI
			TY DOWNHOLE-15 TO 20 CPS
	1045.5	4.3	QTE PEBBLY-SERICITIC-PEBBLES AS TO 1036.
			3-MAFICS (SERICITE RICH WITH MINOR
			CHLORITE & BIUTITE) 5-10% INCREASING
a second a second s	···· · · · · · · · · · · · · · · · · ·		TO 15-20% DOWNHOLE-LOWER CT SPARP AT
			60-22 TO 27 CPS AT 1042.9 & 31 TO 38 CPS AT 1043.6
	1046.9	1.4	GWKE META-AS TO 941.5 BUT NO QTZ & FELDSF 60
	101017		AR EYES-LOWER CT SHARP 80
	1047.6	C.7	QTE PEBBLY-AS TO 1045.5-15 TO 2C CPS
· · · · · · · · · · · · · · · · · · ·	1048.1	0.5	QTZ VEIN-WHITE MASSIVE
	1048.9	C.8	QTE MG MEDIUM GREY-BIOTITE & MINOR CHLOR
			ITE 5%-15 TO 20 CPS
	1051.2	2.3	QTE AS TO 1045.5-15 TO 20 CPS
	1052.3	1.1	RYDT PORPHYRITIC-SIMILAR AS TO 875.7 BUT 70
	1044 4	3.4 3	PURPHYRIES 1-2%-SPKS PY 1%
	1066.4	14.1	RYDT PORPHYRITIC-AS TO 873.7-PCRPHYRIES 70 INCREASE IN SIZE DOWNHOLE UP TO 0.2
			INCREASE IN SIZE DUWHULE UP IU 0.2 INCHES-SPKS PY 1-2%-1 INCH GTZ VEIN
			AT 1065.4
			TS-C-73-3210 @ 1000.5 META ARK
	1068.5	2.1	RYDT PORPHYRITIC-AS TU 875.7
	1074.3	5.8	GWKE META-META TUFF()-AS TO 941.5 75
	1076.1	1.8	QTE FG-MG-MEDIUM GREY-BIOTITE & CHLORITE 70
			15-208-LOCAL SERICITIC ZONE & GTZ RI
			CH ZONES-WEAKLY FOTD-LOWER CT SHARP
			AT 70 DEGREES
	1077.2	1.1	GWKE META-FG DK GREEN-AMPHIBOLE RICH FELD 70
an and a second seco	e en la su population en com	and a star of the	SPAR-MICACEOUS FOTN PLANES-WELL FOTD
			SPKS PY 1-2% ALONG FOTN PLANES

	DEPTH	LENGTH MNZN	ROCK	DESCRIPTION A	NG
	1079.8	2.6	ARK	META-MICACEOUS-FG-MEDIUM GREY BROWN	70
				QTZ FELDSPAR NICA RICH-4 TO 5% CALCI TE-SPKS_PY 1%-LOWER_CT_SHARP_AT_70	
	1084.0	4.2	GWKE	META-MG CG-DK GREEN-AMPH RICH-QTZ FE LDSPAR WITH ZONES OF CG MICA EYES TO	70
a an				0.2 INCHES LONG-LOCAL QTZ VEINS-SPKS	
	1085.2	1.2		PY 1% Meta-as to 884.5 becoming CG Downhol	
-				E-LOWER CT SHARP AT 80	
	1085.4			META-AS TU 1084.0	
	1088.2	2.8		META-AS TU 884.5 BUT CG-LCCAL METAGN Ke bands	
	1088.4			AS TO 884.6	
	1089.5	1.1		META-AS TO 884.5 BUT CG-LOWER CT SHA RP AT 75	
"	1094.2	4.7	QTE	FELDSPATHIC-FG DK GREY QTZ FELDSPAR- 15-20% & 5% CHLORITE-1091.C TO 1093.	
				2 TREMOLITE & ANTHOPHYLLITE 10-15%	
	1094.7	0.5		PEBBLY-SIMILAR AS TO 1033.6	
	1095.3	0.6	QTE	SERICITIC-FG MEDIUM GREY-SERICITE & MICA 15-20%	70
	1095.5	0.2			70
	1095.8	0.3		AS TO 1094.2	
	1096.4	0.6		PEBBLY-ELONGATED INDISTINCT GTZ PEBB	
				LES (25%) 0.1 TO 0.2 INCHES-FG CHLOR ITE BIOTITE MATRIX-MAFICS 15-20% 15	
	1096.7	0.3	QTE	TO 20 CPS PEBBLY-AS TO 1096.4 BUT PEBBLES 0.2	
	1097.1	0.4		TO 0.6 INCHES (50%) AT 70-15-20 CPS AS TO 1095.3	
	1097.7	0.6		PEBBLY-AS TO 1096.7-PEBBLES 25% AT	
				70 DEGREES	<u> </u>
	1100.1	2.4		SIMILAR AS TO 1045.5 BUT FEBBLES 25% 0.2 TO 0.8 INCHES-15 TO 20 CPS	
	1105.2	5.1 MVVW	GWKE	META-AS TO 944.1-LOWER CT SHARP AT 70-SPKS PY 18	70
na santa na sa sa sana na manana na sa	1111.5	6.3 MVW	QTE	FELDSPATHIC (POSSIBLE RHYCLITE VOLCA	70
				NIC)-FG-LIGHT BUFF GREY-MAFICS 1-2% (MICA)-SPKS & BLEBS PY 2-3%-WEAKLY	
				FOTC	
	1111.8	0.3		TS-C-73-3217 @ 1110.2' META ARK VEIN-CG VITREOUS-SPKS PY 11-SHARP	
	*****0	<u>u • 2</u>		CONTACTS	
	1113.8	2.0 NVW	QTE	AS TO 1111.5 BECOMING DARKER GREY DO	
		· · · · · · · · · · · · · · · · · · ·		WNHOLE (MICA CHLORITE 2-3%)-SPKS PY 2-3%	
	1114.1	0.3		VEIN-AS TU 1111.8	
	1114.6			AS TO 1111.5 BUT DARKER GREY-MICA CH	
				LORITE 2-38-SPKS PY 4-58	
	1114.8 1115.2			VEIN-AS TO 1111.8 AS TO 1114-6 SPKS PV 2-39	
	1115+7	0.4 MVW		AS TO 1114-6 SPKS PY 2-3% VEIN-AS TO 1111-8	
	1119.2			AS TO 1114.6-SPKS PY 4-5%	
	1119.3	G.1		VEIN-AS TO 1111.8	
n a na an Annaichtean ann ann ann ann ann ann ann ann ann	1121.1			AS TO 1114.6-SPKS PY 4-5%	Namero company order - inite and a construction of a star polycolor of the construction of a star polycolor of the star

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	DEPTH L	LENGTH MNZN	ROCK	DESCRIPTION ANG
	1121.3		-	VEIN-AS TO 1111.8
	1126.0			AS TO 1111.5-SPKS PY 2-3%
	1126.6			VEIN-AS TO 1111.8
	1132.8	6.2 MVW		AS TO 1111.5-LOCAL QTZ RICH ZONES BE Coming lighter grey downhole-lower CT Sharp-spks py 2-3%
	1133.4	C.6 MVVW	GWKE	META-FG-DK BROWN GREEN-75% BIOTITE 80 BNDS-AMPH GTZ FELDSPAR BNDS (INTERLA
ан на намания — на слад и на слад на	1135.1	1.7 MVVW	QTE	YERED)-STRONGLY FOTD-SPKS PY 18 FG DK GREY-CHLURITE MICA BNCS 25% QT Z RICH BNDS AT 65-LOWER CT SFARP AT
	1135.3	C.2 MVVW	GWKE	40-SPKS PY 1% META-FG MG-DK GREEN BLACK WITH 75% NICA-AMPH FELDSPAR-LOWER CT SHARP AT
·····	1136.1	G.8 MVVW	QTE	<u>55-SPKS PY 1%</u> AS TO 1135.1-LUWER CT SHARP AT 65-SP 70 KS PY 1%
a a tha tha an	1136.7	G•6	ARK	META-AS TO 1079.8 WITH LOCAL MICACED 70 US CTE BNDS 0.5 INCHES WIDE
	1136.9	0.2	QTZ	VEIN-AS TO 1111.8 BUT WITH MAFIC BND INCLUSIONS-CONTACTS SHARP
	1137.3	0.4		META-AS TU 1079.8 70
	1137.6	C+3		META-AS TO 1133.4 BUT BIOTITE BNDS 65 ONLY 35-40%
	1138.2	0.5	QTE	MICACEOUS-FELDSPATHIC-FG-MEDIUM GREY 65 1137.9-0.2 INCH BND BIOTITE AT 65 SPKS PY 18-LOWER CT IRREGULAR
	1140.6	2.4	ARK	META-AS TO 1179.8 WITH LOCAL MICACED JS GTE BNDS 0.1 TO 2.0 INCHES WIDE
	an an tao mang an tao mang ang ang ang ang ang ang ang ang ang			FOTD 80 AT 1138.3 65 AT 1139.8 PY AS SPKS & STRS ALONG FOTN PLANES 1-2% LOWER CT SHARP AT 65 1138.7-SEDIMENTARY SLUMPING
	1147.5	6.9	QTE	MG-NEDIUM GREY WITH CHLORITE MICA ST 65 RS SELVAGE LIKE 15-20% OCCASICNAL GT Z GRIT-WEAKLY FOTD-SPKS PY 1%-LOWER
a minin a kan sa kan na kanana sa	ara ant i thu na cruan ann i cr	• • • • • • • • • • • • • • • • • • •	/ . / /	CT SHARP-1145.5 TO 1146.9-SEPICITE & CHLORITE RICH FOTN PLANES
	1165.7	18.2		META AS TO 884.5 BECOMING CCARSER GR AINED TO 1156.1 & FINER GRAINED TO
	1169.8	4.1	MTSD	BOTTOM OF UNIT-CTS FOTD AT 55 <u>TREMOLITE ACTINOLITE CHLORITE SCHI</u> ST 65 MG BECOMING FG DOWNHOLE-PALE GREEN MELL FOTD-MINOR QUARTZO-FELDSPATHIC
· · · · · · · · · · · · · · · · · · ·	1170.5	6.7		EYES ELONGATED IN PLANE OF FCTN-LOCA _ QTZ STRS-LOWER CT SHARP AT 65 MICACEDUS-FG-LIGHT GREY-MINCR CHLORI
				TE-LOWER CT SHARP AT 65
	1175.0	4.5		AS TO 1169-8 FOOT OF HOLE 65 TS-C-73-3218 @ 1171-8" META GWKE SPECTROMETER READING WITH SCINTREX
				GIS-3 NUMBER 905 107 THIN SECTIONS AT 17.2 27.3 55.2 58.0 68.8 79.5 81.1 306.3 346.0
(1) A set of the second property descent second se second second sec		 The second se		355.5 398.4 430.8 714.1 723.3

DEPTH LENGTH MNZN RUCK DESCRIPTION ANG 941.0 957.7 1060.5 1110.2 1171.8

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a and a second				

			HOLE RECORD		DAT	E PROCESSED APR 01,19	
						CHK*D	••
BOREHOLE# PROPERTY 55321-0 SAKANI PROJECT	NTS# 33F 2W			LATITUDE DEPA	ARTURE ELEVATION	LEVEL DATE	••
*****		****	****	*****		****	**
DEPTH AZIMUTH DIP DEPTH AZI	MUTH DIP		<u>ND TROPARI TEST</u> DIP DEPTH AZIM		AZIMUTH DIP		
****	****	****	****	****		***	**
TOPS OF WEDGES					· · · · · · · · · · · · · · · · · · ·		
******	****	*******	*****	*****		* * * * * * * * * * * * * * * * * * * *	**
	9.1412 P 1111/C	- 28 1673 66401 €		notiest rak	COMMENTS	CT LIC-E CODE-DEDNIT 548-	26
LOGGED BYDEBICKI E J STAI	RIEL JUNE	20,1973 LUMPLE	ECJULT 02,191			#173 LEFT IN HOLE	10
** **** * ** ** * * * * * * * * * * * *	***	****	***			****	**
			PLE ENTRIES				
CI		TH MNZN ROCK	DESCRI	PTICN	ANG		
	0.0 0		LAR DRUDDEN_SAND F	BOULDERS-2C FT	2 he		
			START OF CORE	DUULUENJ-ZV FI (., ग		
	40.8 20			FG TO MG-DK GREY	<u> </u>		
				H-FELDSFAR-SPKS			
				OUS SMALL GTZ ST	TR		
en e			RS-LOWER CT SHA				
	41.5 0		-1 INCH DIOPSID	GREEN-ANPHIBCLE	81.45		
	1202 0			NTERLAYERED WITH			
				TE RICH-AMPHIBON			
				LIGHT GREY QTZ I			
			AR BANDS-STRONG	LY FOTD-SPKS PY	nak tanàna amin'ny faritr'i amin'ny faritr'i Angele amin'ny faritr'i Angele amin'ny faritr'i Angele amin'ny far		
	43.5 2	1%. • C DIA ME	A_AC TO 40 9 95	COMING FINER GRA	A 7 M		
	40.00 2		OWNHOLE-SPKS PY		4 7 14		
	47.0 3		A-AS TO 40.8-SP		45		
	48.1 1	.1 GWKE ME		TH SEVERAL GTZ I			
a second a second s				CHES WIDE PARALI	.E		
	<i>((</i>)) (FOTN	VC 04 18 COTO 1			
	64.8 16			KS PY 1% FOTD D OLE-MINCR BIOTI			
				CT SHARF BUT IRF			
			R-50.3-1 INCH D		-		
			and a second	YSTALLINE-VITREC			
	66.2 1			GREY-GRANULAR-3	35		
	71 4 5		O% QTZ VEINING	TH 259 THEFTERD	u c		
· · · · · · · · · · · · · · · · · · ·	71.6 5		N-AS IU 65.0 WI X) BIOTITE-LOWE	TH 25% INCLUSION R CT SHARP	12		
	73.7 2			AGWKEJ-AS TO 40.	. 8		
				TENT DECREASING	n Anna an Anna an Anna Anna Anna Anna An		
			FOLLOWING UNIT				
	80.1 6			COMING FINER GRA			
				-BIOTITE 5% LOWE	<u>=K</u>		
	82.0 1		HARP 50 Este-basalt-eg	-DK GREY GREEN-A	1 M P		
				ORITE & MICA-SPH			
	a a go y tritol to mingra any		1%-LOWER CT SHA		nyanananyan kalendada kalen katologika kalendada nakatologika kalenda kalenda kalenda kalendada katologika kal		

	DEDTU	I ENCTU MAITA	1 0004	DESCRIPTION	A N/C	
	82.5			DESCRIPTION Meta-as to 41.5 lower ct sharp at 75		
	Q2 • J			LOCAL CALCITE VEINS	00	
	85.7	3.2		<u>PORPHYRITIC-CLUTS OF IRREGULAR WHITE</u>		
	0201	<u> </u>		QTZ FELDSPAR (90%) DECREASING IN SIZ		
				E & AMOUNT TO 50% DEWNHOLE-FG DK GRE		
				Y BIOTITE OTZ MATRIX-SPKS FY 18 LOWE		
		the second s		R CT SHARP AT 30-59.3-1 INCH GTZ VEI		
				N (WHITE MASSIVE)		
	88.7	3.0		META-MG CG-AMPHIBOLITIC-DK GREY GREE	A5	
	<u> </u>		O MILL	N-INTERLAYERED AMPHIBOLE RICH-FELDSP		
				AR BANDS (METACIABASE) GRADING INTO		
				& IN SHARP CONTACT WITH ANFHIBOLE FE		
				LOSPAR BIOTITE RICH (UP TO 75%) BNDS		
				STRONGLY FOTD-LOWER CT SHARP		
	94.2	5.5	GHKE	META-(MTSO)-FG-GREY GREEN-UNIFORM		
······································	27 4 6	101	VANC	THRCUGHOUT-MASSIVE-AMPHIBOLE 35-40%		
				FELDSPAR 40% & SMALL MICA SPKS-SPKS		
				PY18-LOWER CT SHARP		
				TS-C-73-3221 @ 91.8" META GAKE		
	102.1	7.9		META-AS TO 88.7 BUT CG BIGTITIC CLOT	50	
	106 . 1	107	UNA	S THROUGHOUT UP TO 50% STRENGLY FOTO	20	
				SPKS & CLOTS PY-MINOR CP 1% LOCAL DI		
	102 4	0.5		OPSIDE SKARN BNDS DIORSIDE CALCITE & OT2-CC-CREEN		
	102.6			DIOPSIDE CALCITE & GTZ-CG-GREEN		· · · · · · · · · · · · · · · · · · ·
	106.0	3.4		NETA-AS TO 102.1-LOWER CT SHARP 55		
	118.6	12.6		FELDSPATHIC (10-15%)-NICACEOUS (15-2	22	
				0%)-FG MEDIUM GREY-UNIFORM THRCUGHOU		
	101 0	3 ≰		T-WEAKLY FOTD-SPKS PY 1%	66	
	121.0	2.4		META-AS TO 102.1-CG	55	
and a second	135.0	14.0		META-AS TO 40.8 BUT CG-LOWER CT IRRE	مرور و برو به در در در در در در در در در ا	New or constant and and and constant and the state of the
	160 2	6 3 MIN		GULAR-SPKS PY 1%		
	140.3	D.D WAAW	AKK	META-FG DK GREY (VOLCANIC APPEARANCE		
) WITH 25-30% ZONES OF ACID VOLCANIC	······································	
				(RHYOLITE-RHYODACITE) LIGHT BUFF GRE		
				Y FG IN IRREGULAR CLOTS MASSES & BAN		
				DS (GRADATIONAL CTS)-APPEARS ADMIXED		and the second
				WITH ARKOSIC ZONES-CUBES MT 12-SPKS		
				PY 18 TS-C-72-3322 3 125 41 PROC 844		
				TS-C-73-3222 @ 135.6" PRPC RHY		
	141.5	1 3 440		TS-C-73-3223 @ 141.0" META ARK RHYOLITE TORHYODACITE SLIGHTLY PORPH		
	14103	TAT UAM				
				YRITIC-ZONES OF ADMIXED ARKOSIC MATE RIAL-FG DK GREY BUFF-LCCAL GARNETS		
				RIAL-FG DR GREY BUFF-LUCAL GARNEIS MT 18-SPKS PY & NON-MAGNETIC PO 1-2%		
	143 0	1 5 MM				
	143.0			AS TO 141.5-SPKS PY PO 2-3%		
	144.5			AS TO 141.5-SPKS PY PO 4-5%		
	146.2	工业生 国政統		AS TO 141.5-SPKS PY PO 2-3% LOWER CT		
				SHARP BUT ANGLE LOST DUE TO BROKEN		
	147 2	1 1 444		CORE		
	147.2	I.U MVW		NETA-AS TO 140.3-10 TO 159 ACID VOLC		
				ANIC MATERIAL-SPKS PY 1-28 LOWER CT		
	1/2 2	A # 444.00		SHARP BUT IRREGULAR		
	147.7	U.5 MVW		META-CG-DK GREEN BLACK-AMPHIEOLITIC	65	
المحاور والمراجع المراجع والمراجع المحاور المحاور المراجعة والمحاج المحاج المحاجب والمحاج المحاول والمحاور والم	an aga sayar sa sa sa sa sa sa			AMPHIBOLE BIOTITE-40-50% FELDSPAR-LO Wer CT Sharp at 70-spks py 1-2%		a a second second and a second and a second a second a second second second second second second second second

		LENGTH MNZN 4.4 MVW	VOLC	DESCRIPTION ANG AS TO 141.5 WITH ARKOSIC NATERIAL IN 65 REASING IN CONTENT DOWNHOLE-FLOW TY PE CONTACTS AT 65 WITH SCHE SLUMPING	
	157.1	5.0 MVVW		BETWEEN ARKOSIC & VOLCANIC ZONES-LOC AL BANDS OF LIGHTER FELDSPAR RICH VO <u>CANIC MATERIAL-WEAKLY FOTD-SPKS PY</u> L-28-150.1 TO 152.1-MT 18 META-AS TO 140.3-SPKS 18 MT 18	
	191.0		ARK	META-AS TO 140.3 BUT VOLCANIC MATERI 55 AL BECOMING PINK BUFF GREY DOWNHOLE- OCAL SMALL GARNETS-WEAKLY FCTD-OCCA SIONAL SPKS PY-MT 1%-LOWER CT SHARP BUT IRREGULAR IS-C-73-3224 & 178.5' RECRYSTALLIZED RHY	ng ta ang ang ang ang ang ang ang ang ang an
	193.1	2.1	GWKE	META-AS TO 102.1 BUT BIOTITE CONTENT 55 DECREASING DOWNHOLE-LOWER CT SHARP-L DCAL BAND DIOPSIDE SKARN-SPKS PY 1%	
	196.9	3.8	DIA	META-AS TO 40.8-FG BECONING CG DOWNH DLE-LOCAL BND DIOPSIDE SKARN-LOWER T IRREGULAR (DEPOSITIONAL)	
	198.1	1.2		META-FG MEDIUM GREY-5-1C% MICA-SPKS PY 1% LOWER CT IRREGULAR	
	200.3 209.0		GWKE DIA	META-AS TO 88.7 META-AS TO 40.3-OCCASIONAL SPKS PY 55 WEAKLY FOTD FOOT OF HOLE HIN SECTIONS AT 91.8 135.6 141.0	
				78.5 P ANOMALY EXPLANATION 35.0 TO 157.1-PY PO UP TO 4-5% NT 1% 57.1 TO 191.0-MT 1% SPKS PY 1% SPKS PY 1% THROUGHOUT MOST OF NOLE	
9					
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n 1 1 mar - Anna Anna Anna Anna Anna Anna Anna An					
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BOREHOLE RECORD DATE PROCESSED APR 01,1974 ************************************	0
<u>BOREHOLE# PROPERTY NTS# SH# ANOM# DEPTH AZIMUTH DIP LATITUDE DEPARTURE ELEVATION LEVEL</u> 55320-0 SAKAMI PROJECT 33F 2W 35 180 00 -45 00 S 3120 E 00 DATE *******************************	
INCLINATION AND TROPARI TESTS DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP CEPTH AZIMUTH CIP ************************************	
TOPS OF WEDGES ************************************	
NE 3-5 FT EW CSG & CSG SHOE #172 LEFT IN HOLE ************************************	
SAMPLE ENTRIES DEPTH LENGTH MNZN ROCK DESCRIPTION ANG 0.0 0.0 COLLAR	
20.0 20.0 DVERBURDEN-SAND & BOULDERS-21 FEET EW CSG (ONE FOOT ABOVE GROUND LEVEL) START OF CORE	1
31.3 11.3 DIA META-NG TO CG-GREY GREEN-AMPHIBOLE 40 RICH-FELDSPAR-WEAKLY FOTO-SFKS PY 1% 23.0-24.0-1.0 FOOT ZONE METAGWKE WIT	
H SHARP CTS-LOWER CT LOST CUE TO BRO KEN CORE 35.0 3.7 QTE FELOSPATHIC-GRITTY (BUFF COLCUR-FG	
TO MG WITH TREMOLITE) IN SHARP SLIGH TLY FRAGMENTED CT AT O DEGREES WITH CHLORITIC ARKOSE (FG TO MG-LIGHT GRE	
Y GREEN) 31.3 TO 35.0-BROKEN CORE FOOT OF HOLE ABANDGNED-OR ILLED	
THROUGH CASING	
	and the second se
	_
	· · · ·
BCRENOLE# 55320-0 SAKAMI PROJECT PAGE# 1	

55319-0 SAKAMI PROJECT ************************************	BOREHOLE RECORD ************************************	00 DATE *******************************
LOGGED BYDEBICKI E J S	·****	CEMMENTS ICE WINKIE-T WAKEGIJIG-E CORE-PERMIT 548 ZC EW CSG & CSG SHOE #171 LEFT IN HOLE
	SAMPLE ENTRIES DEPTH LENGTH MNZN ROCK DESCRIPTION 0.0 0.0 COLLAR 15.0 15.0 OVERBURDEN-SAND & BOULDERS-FOLE AN DONED-BROKEN CSG- FOOT OF HOLE	ANG BAN
	· · · · · · · · · · · · · · · · · · ·	
	······	
		BOREHOLE# 55319-0 SAKANI PROJECT PAGE# 1

		BOREHOLE RECORD ******	DATE PROCESSED APR 01,1974	
			CHK*D	
BOREHOLE# PROPERTY		DEPTH AZIMUTH DIP LATITUCE DEPA		
55318-0 SAKAMI LAKE	33F 2W	719 180 00 -45 00 N 24C W *************		
** * ***************************		UN AND TROPARI TESTS	***************************************	
DEPTH ATTMUTH DIP DE		TH DIP DEPTH AZIMUTH DIF CEPTH	ATINITA CTD	
100 -40 30		-27 30 400 -26 30 500		
600 -33 00				
	* * * * * * * * * * * * * * * * * * *	*****	*****	
TOPS OF WEDGES				
永 龙山街 北省水市东南省市大学大学大学大学大学大学大学大学大学大学大学大学大学大学大学大学大学大学大学	*********	*******	******	
INCCEN AV NERTONT E I	CEADEED HANG DO MODE COM	DISTED BUY AS 1072 BATHER THER	COMMENTS	
LUGGED BY. DEBICKI E 3	STARTED JUNE 2011915 CUM		IRATION EES-I-AQ CORE-PERMIT 547-ZONE 3 O FEET AW LEFT IN HOLE	
本本本本本 考文文本本本本本本本本本本本 本本	*****		************************************	
		SAMPLE ENTRIES		
	DEPTH LENGTH MNZN ROCK		ANG	
	0.0 0.0	COLLAR-BEDROCK SETUP		
		CASING-10.0 FEET AW-START OF CORE		
		HIGHLY METAMORPHOSED SEDIMENTS-AMP	<u>HI</u>	· · · · · · · · · · · · · · · · · · ·
		BOLITE & BIOTITE SCHIST-LAWINATION		
		SIZE TO 5 INCH WIDE UNITS CONSISTIN		
		DF META-ARKUSE-META-ARGILLITE 60% F GREY BROWN-TREMOLITE ANTHOPHYLLITE-		
		25 TO 30% BIOTITE-40 TO 50% FELDSPA		
		6 QTZ-CHLORITE WITH LIGHTER GREY LE		
		S BIOTITIC BNADSMETA-GWKE 40% INC		
		EASING TO 75% DOWNHOLE-FG TC MG-GRE		
		GREEN-GREEN BROWN-PALE GREEN WITH V	Α	
		RYING AMOUNTS MAINLY AMPH PLUS BIGT		
		TITE QTZ FELDSPAR CHLORITE-NUMEROUS		
		AMPHIBOLITIC BNDS FG TO CG (FIBROUS		
		E CG BIOTITE AMPH RICH ZONES (DK GRI		
		Y GREEN)-CONTACTS SHARP TO GRADATION AL WITH SEDIMENTARY INTERFINGERING	N	
a na ana ang ang ang ang ang ang ang ang		SLUNPING & X-BEDDING-STRONGLY FOTD		
		35 AT 13.0-45 AT 18.0-35 AT 21.0-20		
		AT 22.5-25 AT 23.8-40 AT 25.6-35 AT		
		27.3-30 AT 31.5-40 AT 42.0-30 AT 53		
		0-60 AT 56.5-20 AT 62.0-40 AT 71.0-		
		40 AT 82.0-50 AT 89.0-LCOAL DICPSID	E	
		SKARN BNDS (DIOPSIDE CALCITE GTZ-CG-	<u>_</u>	
		GREEN)-LOCAL ZONES SPKS PY 12		
		AS TO 96.2 SPKS PY 1%	50	
		METAGWKE ZUNE AS TO 96-1-HIGHLY AM		
		IBOLITIC-DK GREEN BLACK-PO PY SPKS = Clots 4-5%-weakly magnetic	G	
		AS TO 96.2-SPKS PY PO 18	· · · · · · · · · · · · · · · · · · ·	
		AS TO 96.2-HIGHLY METAMORPHOSED AND	PH 50	
		LBOLITE EQUIVALENTS OF METAGWKES-VAL		
		IOUS SHADES GREEN-LOWER CT SHARP AT		
		50-SPKS PY 1%		
and a second	150.8 33.7 MTSD	AS TO 96.2 BUT GARNETIFERCUS UP TO	50 ·····	
	(D.5 INCHES-ILOCAL ZONES GARNETS UP		

			_		
	DEPTH I	LENGTH MNZN	I ROCK To 751	DESCRIPTION 2)	ANG
	155.8	5.0 MVVW	MTSD AS T	0 150-8-SPKS PY PD 17	50
	157.3	1.5 MVW	MTSD AS T	0 104.3 BUT GARNETIFERCUS-CLOT	<u>rs</u>
				S PY PO 4-58-WEAKLY MAGNETIC	
	158.7	I.4 MVW	MTSD AS T	O 104.3 NŨ GARNETS-WEAKLY MAGN	NET
· · · · · · · · · · · · · · · · · · ·			IC-SP!	KS & CLOTS PY PO 4-5%	
	163.7	5.0 MVVW		0 \$6.2-SPKS PY PO 18	50
	169.0	5.3	MTSD AS TO		50
	179.4	10.4		-FG AT CTS BECOMIN MG AT CENTR	RE 50
			OF UNI	IT-AMPHIBOLITIC-DK GREEN-WEAKL SPKS PY 1%	
	190.9	11.5	MTSD AS TO	0 96.2-GRADES INTO FOLLOWING U	
				.5 TO 189.7-CG PALE GREEN AMPH	41
				E(ACTINULITE RICH-UM)	
Annual Constant and State State State	· · · · ·	· · ·		73-3219 @ 186.7" META UN	
	192.2	1.3		SITION ZONE-POSSIBLE REGOLITH-	
				EEN-MAFICS 60% (AMPH-CHLCRITE-	
				DECREASING TO 30-40% DOWNHOLE	
				INOR FELDSPAR-QTZ GRITS-LCCAL	
			GARNE ⁷	TS (0.3 INCH)-IRREGULAR CTZ MA	AS
				FRACTUREDI-THIS UNIT IS PROBAB	
				TACT BETWEEN BASEMENT & SEDIME	
				BASIN (DOWNHOLE)-LOWER CT SHAR	
	192.7	0.5		LY -ELONGATED QTZ PEBBLES 30	
		an a		0.2 TO 1.0 INCHES) AT 65 IN FG	
				EY GREEN MATRIX-FG BICTITE CHL	
				FELDSPAR QTZ-BIOTITE & CHLORIT	
				GES-LUCAL GARNETS 10-2 INCHESI	
				CT SHARP-14 TO 18 CPS	<i>,</i>
	104 . ()	2 2 MVVV			1 6
	196.0	2.2 MYYM		K GREY-LOCAL UTZ GRITS-MAFICS	
				8 DECREASING DOWNHOLE (BIOTITE	
				ITE-MINOR AMPH) BETWEEN GRAINS	
· · · · · · · · · · · · · · · · · · ·				SMALL PARALLEL STRS-WEAKLY FOT	<u>/0</u>
				CT SHARP-SPKS PY 1%	
	197.7			0 196.0-SPKS PY 18	
a and a second and a second	204.6	6-9 MVW		K GREY-QTZ GRITS-STRONGLY FOTO	
				CHLORITE-MICA-MINOR APPHIBOLE	
				S AT 55-LOCAL SMALL GARNETS-LO	
				SHARP AT 55-SPKS & STRS PO PY	Ľ
			3-4% /	ALONG FOTN PLANES	
	209.6	5.0 MVVW		-META RHYOLITE-FG DK GREY MINO	DR.
		-		CHLORITE WITH 5-10% YELLOW BUF	
				FG RHYOLITIC VOLCANIC MATERIAL	
				TERLAYERED BNDS 0.05 TO 2.0 IN	
				SPKS PY 14-MT 18	•
- · · · · · · · ·	213.7	4.1 MVN		-NETA RHYULITE-AS TO 205.6-SPK	KC SK
	** * - - .	786 1177-		-HETA RATULITE-AS TO 209.0-SPR -HT 1%-WEAKY FOTD	
				-0.1 INCH ZONE OF GALENA & PY	
	214.2	A-5 HVVW		-CG-GREY GREEN-AMPHIBCLE RICH	
	61706	Vej hern		HLCRITE & MICA 508-LOWER CT SH	
					1A
	······································			RONGLY FOTD-SPKS PY 12	P
	316 E	A 3 88000		-0.3 INCH ELONGATED QTZ PEBBLE	
	214.5	NAAN C.O		-META RHYOLITE-AS TO 205.6-SPK	ζς
				8-LOWER CT SHARP	
			CLIVE META	-AS TO 214.2-SPKS PY 1%	
	214.9	U.4 MYVN	GWAE META	"AJ IU 21402"JFNJ FI IR	

	DEPTH	LENGTH MNZN	ROCK	DESCRIPTION	ING
	221.8	6.9 MVW		META-WITH 15-20% COARSER GRAINED MET	
				AGWKE BNDS-FG TU MG-GREY GREEN-TREMO	
				LITE ACTINOLITE NEEDLES-MICA GTZ FEL DSPAR-LOWER CT SHARP AT 55-SPKS & ST	
				RS PY PO 2-3%	
	223.6	1.8 MVVW		VEIN WITH INCREASING MAFIC INCLUSION	
	and the state with the state of	n , 98 8 and solder - an Arden Cond		CONTENT DOWNHOLE-SPKS PY 1%	
	225.1	1.5 MVV	QTE	AS TO 192-2-SPKS PY 18	
······································	225.2	0.1	QTE	PEBBLY-AS TO 192.7-CTS SHARP AT 40	a management of the second
				14 TO 21 CPS	
	225.5	C.3		AS TO 196.0-PO PY ALONG SHARP LOWER	
	357.3	^ 0		CONTACT	
	226.3	C • 8	WEE	AS TO 196.0 BUT WITH 50% CTZ VEINING SPKS PV 1%	
	226.5	0.2	OTE	PEBBLY-AS TO 192-7-GTZ PEBBLES 60%	
				0.4 TO 1.0 INCHES AT 60 DEGREES-NO	Managangan na kana kana kana pangangangangan ing pangan kana kana kana kana kana kana kana
				GARNETS-SPKS PY 1%	
	228.0	1.5		AS TO 196.0 WITH OTZ RICH ZONES-SPKS	
				PY 18	
	228 • 3	0.3	QTZ	VEIN-WHITE-MASSIVE-10% INCLUSIONS-SH	
	······································		and the second sec	ARP CTS-SPKS PY 1%	
	230+6	2.3 MVVW		FG DK GREY-MAFICS 15-20% (BIOTITE 6	60
				CHLCRITE) MAINLY AS SMALL INTERLAYER	
and the second secon			and the second s	S BETWEEN QTZ RICH BNDS-STRONGLY FOT	
				D-LOWER CT SHARP AT 60-SPKS FY PO .1	
	231.6			<pre>% ALONG FOIN PLANES MG-CG-LIGHT GREY-MAFICS 5-1C% (CHLOR)</pre>	
	231.00			ITE-MINOR MICA) AS SMALL IFREGULAR	
				STRS-SPKS PY 1%	
	232.0	G_4 MVV#		FG-DEEP-REDDISH BROWN-MAFICS 50-60%	70
		රට රංගාවී වේමිරාවීම පර්න්මාමීවා විංගාවී	and a standard standard standard sta	(CHLORITE & ALTERED MICA)-STRCNGLY	
				FOTD-SPKS PY 18	
	233.7	1.7 MVVW	QTE	AS TO 196.0-SPKS PY 18	
	234.1	G.4 MVVW	QTE	AS TO 232.0 BUT MAFICS 40-5C% (MAINL	60
				Y CHLORITE)-SPKS PY 1%	
n an	237.2	3.1 MVW		AS TO 231.6-LOCAL DIOPSIDE SKARN-SPK	
				S & CLOTS PY 2-3%-PO 1% DECREASING	
	33 0 5	1 3 41111		DOWNHOLE	
	238.5	I+3 MVW	-	AS TO 231.6-PY 2-3%-PO 1-2%-GALENA	
	243.5	5.0 MVVL		3-4%-SPHALERITE 2-3% AS TO 231.6-SPKS PY 1%	
	249.4	5.9		AS 231.6-OCCASIONAL SPK PY	
	250.0	G•6		META-MG-GREY-BROWN-BIOTITE RICH-FELD	
		***		SPAR AMPHIBOLE CHLORITE & CT2	
	250.3	0.3		AS TO 231.6-SHARP CTS	
	250.4	0.1		META-FG NG GREEN-AMPHIBOLE	
				& FELDSPAR-PY 7-88-PO 1-28-NEAKLY	
				MAGNET IC	and and and the second of the second
	250.6	0+2	-	AS TO 231.6-SHARP CTS	
	254.9	4.3		META-FG-TREMOLITE ACTINOLITE GRADING	60
				INTO TREMOLITE ANTHOPHYLLITE COWNHOL	
				E-MICACEOUS-QTZ-FELDSPAR-LCCAL GARNE	
				TS-SPKS PY PO 1%-MT 1%-WEAKLY FOTD	
(A) with the second s Second second seco	255.0	0.1		LOWER CT SHARP MG-90% AMPHIBOLE-ALTERED CT CF FGLLC	
	ビンジャリ	V + 1	ABER	TO JOG ANTINEOUL RETURED OF CF COLLO	

	DEPTH	LENGTH	MNZN RO		ANG
	256.1	1.1	DI	WING UNIT Meta-mg-amphibolitic-feldspar 40 to	60
×	257.3	1.2	GWI	<u>45-SPKS PU 1%</u> (E META-AS TU 254.9-AMPHIBOLITIC-LOCAL	•
and a second	258.0	0.7	ARI	GARNETS-SPKS PY 1% (Meta-FG Grey-Micacedus-Local Garnet	S
	264.0	6.0	GW	SPKS PY 1% (E META-AS TO 254.9-AMPHIBOLITIC-WEAKL	.¥ €0
		•••		FOTD-SPKS PY 1-2%-PO 1%-LOCAL ZONES NT 1%	nan san sa
	275.7	11.7	A <i>™</i> ≀	PH METAGWKE WITH INTERBANDED METADIABA E ()-HIGHLY METAMORPHOSEC-GREEN TO DK GREEN-MOTTLED APPEARANCE-MG GRADA TIONAL ZONES OF VARIOUS PROPORTIONS	•
······································	· -• · ·			AMPHIBOLE (UP TO 50% TREMOLITE ACTIN OLITE) & FELDSPAR-BIOTITE (O TO 25%) WEAKLY FOTO-SPKS PY PO 1%	
	277•4	1.7	AM	PH AS TO 275.7 BUT 75% AMPHIBOLE-OK GR EN-SPKS PY PO 1%-CTS SHARF	E
	283.4	6.0		PH AS TO 275.7-NEAKLY FOTD-SPKS PY PO Less than 1%	55
	290.8	7.4		PH AS TO 275.7 BUT AMPHIBOLE 80-90% & FINER GRAINED-LUCAL SMALL CT2 STRS	
	307.5			PH AS TO 275.7 GRADING INTO FOLLOWING UNIT-WEAKLY FOTO-SPKS PY PC 13	55
	313.0	5.5	P1 (:	D META-ARKOSE-FG-MG-GREY BRCWN-TREMOL <u>TE ANTHOPHYLLITE MICA & FELDSPAR IN</u> VARYING PROPORTIONS-LOCAL TREMOLITE ACTINOLITE RIGH ZUNES (AS TO 290-8)	
			at in 1997, 1997, 1997	WEAKLY FOTD-312.3 TO 312.6-DIOPSIDE SKARN	
	316.0	3.0	MTS	SD AS TO 313.0 BUT LOCAL GARNETS (UP T 0.4 INCHES)	C
	355.0	39.0	AMF	PH AS TO 275.7 BUT LESS AMPHIBCLE-LOCA Zones as to 313.0-local zones as to	L 60
an a				290.8-WEAKLY FOTD-LOCAL ZONES SPKS PY PO 18	
	358.0 359.7			SD AS TO 313.0-LOWER CT SHARP AT 55 <u>(Meta-laminated-FG Grey Brown to Gre</u> N-BIOTITE RICH BNDS-MINOR AMPHIBCLE SPKS Py 1%-X-BEDDED (30 AT 359.0 &	<u>e</u>
····	360.6	0.91	MVW QTE	60 DEGREES AT 359.6)-LOWER CT SHARP E SERICITIC-LIGHT GREY-MG-MAFICS 5% (MICA CHLORITE)-MINOR INTEREAND OF META-ARKOSE AS TO 359.7	
	364 • 4	3.8 /	MVVW ARP	359.7 TO 359.9-SPHALERITE 10-12% & PY 1-2% < META-AS TO 359.7-BIOTITE RICH-LOCAL	έQ
				BANDS AMPHIBOLITE AS TO 29C.8 6 GTZ RICH BANDS (QTE)-SHARP CTS-LOWER CT SHARP-SPKS PY 12	
	365.0		-	AS TO 360.6-LOWER CT SHARP AT 60	
	365.2			META-AS TO 359.7	
a a sa a	365.3	0.1		AS TO 360.6-LOWER CT SHARP	
	366.0	0.7	ARK	META-AS TO 359.7-LOWER CT SHARP	

	DEPTH LENGT	
	367.6 1.	QTE AS TO 360.6-CRUSS-BEDDED 60 AT 371.5
	300 0 10	& 45 AT 372.0
	380.0 12.	QTE SERICITIC-FG-LIGHT YELLOWISH GREY TO
		YELLOWISH WHITE-BECOMING PURER DOWNH
		OLE-NO MAFICS-LOCAL WHITE MASSIVE QT Z VEINS
an a	383.7 3.	QTE FG-LIGHT GREY-10% IRREGULAR MAFIC BA
	303+1 3+	NDS-BIOTITE CHLURITE-LOWER CT SHARP
		AT 60
	384.5 0.	UTE AS TO 380.U-LOWER CT SHARF AT 60
	384.9 0.4	QTE AS TO 383.7
	385.3 0.	QTE AS TO 380.0
	385.5 0.	QTE AS TO 383.7
	386.1 0.4	QTE AS TO 380.7
	386.4 0.	QTE SERICITIC-FG-LIGHT GREY-5% IRREGULAR
		MAFIC BANDS (BIDTITE CHLORITE)
	389.4 3.	QTE FG GREY-IRREGULAR MAFIC BNADS (BIOTI
	· · · · · · · · · · · · · · · · · · ·	TE CHLORITE) 25% DECREASING TO 10%
		DOWNHOLE WITH NON-MAFIC ZONES
	390.1 0.	QTZ VEIN-WHITE MASSIVE-SHARP IRREGULAR
·····	·····	CONTACTS
	391.1 1.	QTE AS TO 386.4-LOWER CT SHARP AT 60
	394.3 3.1	QTE AS TO 380.0 BUT 1-2% IRREGULAR MAFIC
		BANDS (BIUTITE CHLORITE)-SCHE ARE
		BED-LIKE WITH SHARP CTS
	394.9 0.0	QTE AS TO 386.4
	395.5 0.0	QTE AS TO 389.4
	396-1 0-0	QTE AS TO 386.4
	396.4 0.	QTE FG GREY 25% IRREGULAR MAFIC BANDS
$(0,\infty)$, we show that the maximum end of the maxi	a construction of the Albert State State and the state of	(CHLORITE BIOTITE)-POSSIBLE BEDS-LOC AL MASSIVE WHITE QTZ VEINS
	400.5 4.3	QTE AS TO 386.4
	401.7 1.	QTE AS TO 383.7-LOWER CT SHARP AT 60
	402.0 0.1	QTE AS TO 386.4-LOWER CT SHARF AT 60
	402.6 0.0	QTE AS TO 396.4
	403.2 0.0	ARK META-AS TO 364.4
n an an an ann an ann ann an ann an ann an a	403.5 0.3	QTE AS TO 396.4-LOWER CT SHARP AT 70 70
	404.3 0.6	ARK META-AS TO 364.4-LOWER CT SHARP 70
	405.2 C.	QTE AS TO 396.4
	406.3 1.1	QTE AS TO 383.7-LOWER CT SHARP AT 70
	408.5 2.2	QTE AS TO 396.4-LOWER CT SHARF AT 50
	412.6 4.	QTE AS TO 383.7-LOWER CT SHARF AT 70
	413.7 1.1	QTE AS TO 386.4-LOWER CT SHARP AT 60 60
	415.9 2.2	QTE AS TO 383.7
· · · · · · · · · · · · · · · · · · ·	416.3 0.4	QTE AS TO 396.4
	417.6 1.3	QTE AS TO 386.4
	418.2 0.6	QTE AS TO 383.7
	418.5 0.3	QTE AS TO 396.4
	418.6 0.1	QTE AS TO 386.4
	422.2 3.6	QTE AS TO 383.7-UNIT COMPRISED OF SEVERA
		L BEDS WITH SHARP CTS AT 50-LOWER CT
	/ A A · · · · · ·	SHARP AT 55
	422-4 0-2	QTE AS TO 386.4/LOWER CT SHARP AT 55
	422.7 0.3	QTE AS TO 383.7-LOWER CT SHARP AT 60
	422.9 0.2	QTE AS TO 386.4-LOWER CT SHARP AT 60

	DEPTH	LENGTH MNZN	RULI	DESCRIPTION	ANG
	423.1	0.2		AS TO 396.4-LOWER CT SHARP 60	
	424.0	0.9		AS TO 380.4-LOWER CT SHARF AT 55	60
	424.3	0.3		AS TO 396.4	
	426.2	1.9		AS TO 383.7-LOCAL QTZ VEINS	
	428.8	2.6		AS TO 389.4-LOWER CT SHARP AT 65	
	439.3	10.5		META-FG DK GREY GREEN-MASSIVE WITH	
n 1999 - El a contra constante de 1990 - La conseguerra de parte de la constante de la constante de la constant	T J J O J	+ V • 2	V1.5	FOTD CTS-LOWER CT SHARP AT 7C-SPKS	
				PY 12	
	439 G	0.6	075	AS TO 383.7-LOWER CT SHARP AT 70	
the second se	439.9 440.1	0.2			and the second
	-			AS TO 394.3-LOWER CT SHARP AT 70	
	440.6	0.5		AS TO 383.7-LOWER CT SHARP AT 70	
	441-4	0.8		AS TO 394-3	
	441.6	0.2		AS TO 386.4	
	452.3	10.7	QIE	AS TO 380.0-COMPRISED OF SEVERAL BED	
		· ·····		S-FOTD 60 AT 447.0 & 70 AT 451.0-LOW	
				ER CT SHARP AT 60	
	452.4	0.1	QTE	AS TO 386.4-SPKS & CUBES PY 3-4%-LOW	
				ER CT SHARP AT 60	
	453.9	1.5	QTE	AS TO 386.4-SPKS PY 1-2%	60
	454.4	0.5	QTE	AS TO 396.4	
······································	456.4	2.0	QTE	AS TO 383.7-LOWER CT SHARF AT 60	60
	457.0	0.6		AS TO 396.4-LOWER CT SHARP AT 60	
	459.5	2.5		AS TO 383.7-LOWER CT SHARP AT 70-LOC	60
				AL CTZ VEINS	
·	459.9	0.4	OTE	AS TO 396.4	
	460.0	0.1		AS TO 380.0	
	460.8	0.8		AS TO 396.4-LOWER CT SHARF AT 70	
	463.3	2.5		AS TO 394.3-LOWER CT SHARP AT TO	70
	463.6	0.3		AS TO 396.4-LOWER CT SHARF AT 70-SPK	10
	10300	44.2		S PY 1-2%	
	465.1	1.5	OTE	AS TO 383.7-LOCAL IRREGULAR QTZ VEIN	
	407.1	1.00	WILL		
	467.9	2.8	OTE	ING-SPKS PY 1-2%	4.0
	401.7	2.0	WIC.	AS TO 383.7 BECOMING MORE MAFIC DOWN	
				HOLE-GRADES INTO FOLLOWING UNIT-SPKS	
				PY 12-COMPRISED OF SEVERAL SMALL BE	
	·····	.		DS	and the second
	469.0	1.1	QTE	FELDSPATHIC-WITH INDISTINCT CTZ MASS	
				ES (PEBBLES) UP TO 0.2 INCHES-FG DK	
				GREY AMPHIBOLE CHLORITE GTZ FELDSPAR	
				MATRIX-SPKS PY 12-CUT BY CALCITE ST	
				RS (5-6%)	
	470.1	1.1		METAGWKE-AS TO 298.0-SPKS PY 1%	
	474.9	4.8 MVVW	ARK	META-FG MG-AMPHIBOLITIC-AMPHIBOLE &	80
				MICA 25-30% IN A FINER GRAINED MATRI	
1 000100 1				X OF QTZ-FELDSPAR-WEAKLY FCTC-LOWER	
				SHARP CT-SPKS PY 18	
				TS-C-73-3220 @ 471.0" NETA ARK	
	475.3	0.4 MW		FG MG WITH BNDS CHLORITE FICA AMPH	70
				25-30%-LOWER CT SHARP AT 7C-PC 10-12	na daawa na sata ay sat
				T-NCN MAGNETIC-PY 10-12%	
	477.2	1.9 MVVW			70
				70-SPKS PY 18	
	477.5	0.3		META-AS TO 364.4	
	479.0	1.5		AS TO 389.4-LOWER CT SHARP AT 70	
a a second a	479.7	0.7		AS TO 383.7-LOWER CT (479.5-479.7)	

SLUMP STRUCTURES-BALL LINE IN APPEAR 467.4 6.7 OTE 466.4 6.7 OTE 467.2 C.8 MWW UTE 467.2 C.8 MWW UTE 467.3 C.8 MWW UTE 467.4 C.6 MWW UTE 467.6 C.8 MWW UTE 457.6 C.8 MWW UTE 45		DEPTH	LENGTH MNZN	ROCI	DESCRIPTION	ANG	
496.4 4.7. OFE AS TO 1355.4-UNIT COMPRISEL OF SWEAA 1 480.5 C. ANTWU OFE AS TO 1365.4-UNIT COMPRISEL OF SWEAA 487.2 G. G. WWW OFE AS TO 1365SKRS PY 14 50 488.3 C. S. WWW OFE AS TO 1365SKRS PY 14 50 488.3 C. S. WWW OFE AS TO 1365SKRS PY 14 50 497.9 C. MWW OFE AS TO 1366 51 497.1 C. S. MWW OFE AS TO 1366 100 497.1 C. S. MWW OFE AS TO 1366 100 100 498.5 J. MWW OFE AS TO 1366 100 100 64 500.4 J. MWW OFE AS TO 1366 100 100 64 500.4 J. MWW OFE AS TO 1366 100 100 64 500.4 J. MWWW OFE AS TO 1366 100 100 64 510.8 J. J. MWWW OFE AS TO 1366						R	
L GEOS-MAFIC CONTENT VARIABLE MITH SMAP IRKGULAR 4407-2 G. C. MWW QIE AS TO 383.7-SPKS PY 13 440-3 G. S. MWW QIE AS TO 383.7-SPKS PY 14 440-3 G. S. MWW QIE AS TO 383.7-SPKS PY 12 440-4 G. C. S. MWW QIE AS TO 383.7-SPKS PY 12 440-4 G. C. S. MWW QIE AS TO 383.7-SPKS PY 12 440-4 G. C. S. MWW QIE AS TO 384.7-SPKS PY 12 440-5 G. MWW QIE AS TO 396X MITH 25-SOB ICMES AS TO GC 343-5 S. MWW QIE AS TO 396X MITH 25-SOB ICMES AS TO GC 450-5 G. MWW QIE AS TO 396X MITH 25-SOB ICMES AS TO GC 550-4 L.S MWW QIE AS TO 396X MITH 25-SOB ICMES AS TO GC 517.1 14.7 OFE AS TO 396X MITH 25-SOB ICMES AS DE GC 517.1 14.7 OFE AS TO 396X MITH 25-SOB ICMES AS DE GC 517.1 14.7 OFE AS TO 396X MITH AS TO GO COMPACESED OF SEVERAL BED 516.4-G-GO AS TO 140.6-GO COMPACESED OF SEVERAL BED 516.4-G-GO AS TO 140.6-GO COMPACESED OF SEVERAL BED 516.4-G-GO AS TO 140.6-GO COMPACESED 519.5 C. 7 MWW QIE AS TO 140.7-GU AT MAIL 510.5-GU AS TO 140.6-GU AT GO COMPACESED 519.5 C. 7 MWW QIE AS TO 380.7-GPKS PY 14 522.0 1.2 MWW QIE AS TO 380.7-GPKS PY 14 522.0 1.2 MWW QIE AS TO 380.7-GPKS PY 14 522.0 1.2 MWW QIE AS TO 380.7-SPKS PY 14 523.5 C. 54.54.54.54.54.54.54.54.54.54.54.54.54.5		4.94 4					
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S PY 1% 542.3 2.4 MVVW QTE AS TO 383.7 WITH 35-40% ZCNES (BEDS) AS TO 396.4-SPKS PY 1%						+ -	
542.3 2.4 MVVW QTE AS TO 383.7 WITH 35-40% ZCNES (BEDS) AS TO 396.4-SPKS PY 1%		227.7	U.G MYYW				
AS TO 396.4-SPKS PY 18		547 3	3 6 MIN/44			C 1	
		242+3	ZOT MVVW	-			
JTOON JOI WIE AJ IU JYTOJ DEGUMINU FUNEN GUMMMULE GU	 The second s	546 A	27			анаанын алан алан алан алан алан алан ал	
		240 + U	3+1	M12	AS IU 394.3 DECUMING PUKER LUWNMUL		

	DEPTH	LENGTH MNZ	N ROCK DESCRIPTION ANG
		11.6	QTE AS TO 396.4 WITH 30% INTEREANDED BED 60
	561.9	4.3	S AS TO 386.4-LOWER CT SHARP AT 60 QTE AS TO 383.7-LOWER CT SHARF 60
	562.0	0.1	GWE META-AS TO 214.2 BUT GARNETS UP TO
		•••	0.2 INCHES-LOWER CT SHARP
· · · · · · · · · · · · · · · · · · ·	562.2	0.2	QTE FG-GREY 15-20% MICA & CHLCRITE BNDS
		0 a	AS TO 562.0
	562+5	0.3	QTZ VEIN-WHITE MASSIVE WITH 1C% MAFIC (8 IDTITE) INCLUSIONS
	565.6	3.1	GWKE META-AS TO 562.0-GARNETS LP TO 0.4 I 75
			NCHES-LOWER CT SHARP AT 60
	570.6	5.0	QTE AS TO 396.4 BEDOMING PUREF DOWNHOLE
	575.0	4.4	QTE AS TO 380.0 BECOMING PUREF DOWNHOLE 60
	585.1	10.1	QTE AS TO 383.7-LOWER CT SHARF
	593.4	8.3	QTE AS TO 386.4
	594.7	1.3	QTE AS TO 396.4
	597.2	2.5	QTE AS TO 383.7-596.8 TO 597.2-SPKS PY
	600.9	3.7	QTE AS TO 386.4
	605.4	4.5	QTE AS TO 396.4-SPKS PY 18 THROUGHOUT
		1.2	
	606 •6	1	QTE FG MG-DK GREY WITH 25% MAFICS (CHLOR
			ITE MICA) & AMPHIBOLE INTERSTITIAL
			TO GTZ GRAINS-SPKS PY 18-LOWER CT
and the second			SHARP
	609.4	2.8	QTE AS TO 396.4
	614.9	5.5	QTE AS TO 383.7-DCCASIONAL SPKS PY
	615.9	1.0	QTE AS TO 606.6-SPKS PY 12
	625.9	10.0	QTE AS TO 386.4-OCCASIONAL SPKS PY
	626.2	0.3	QTE AS TO 383.7-SPKS PY 18
	630.6	4.4	QTE AS TO 386.4
	631.7	1.1	QTE AS TO 606.6 BUT MAFICS 15-20%
	634.1	2.4	QTE AS TO 383.7
	636.4	2.3	OTE AS TO 386.4 BECOMING PURER COWNHOLE
			OCCASIONAL SPKS PY-LOWER CT SHARP 60
	640 - 4	4.0	QTE AS TO 389.4
	645.2	4.8	QTE AS TO 383.7
and the second	646.9	1.7	QTE AS TO 606.6 BUT MAFICS 10-158-SPKS
	040 • 7	1 + I	QIE AS IU 60646 BUI MAFILS IU-134-3PKS PY 18
	650 0	3 3	
	650.2	3.3	QTE AS TO 383.7
	651.5	1.3	QTE CG-GRANULAR-GREY-8 TO 10% BIOTITE CH
			LORITE CLOTS & STRS-LOWER CT SHARP
			AT 60
	651.7	0.2	QTE AS TO 394.3-LOWER CT SHARF AT 60
	652.1	0.4	QTE AS TO 651.5
	654.8	2.7	QTE AS TO 386.4
	657.4	2.6	QTE AS TO 651.5 BUT IRREGULAR CONTORTED
			CONTACTS OF BEDS THROUGHOUT (SLUMPIN
			G. J
1	666 • 5	9.1	QTE AS TO 383.7-658.0 TO 659.2 IRREGULAR
			UNDULATING SEDIMENTARY (BECDING) CO
	-		NTACT AT O DEGREES ALONG ZCNE-POSSIB
			LE TROUGH -NO BEDDING OR FOTN MEASUR
			ABLE TO BOTTOM OF HOLE
	668.6	2.1	QTE AS TO 386.4
	669.0	0.4	QTE AS TO 383.7

DEPTH 671.3	LENGTH MNZN ROCK 2.3 QTE	DESCRIPTION AS TO 386.4	ANG
672.6	1.3 QTË	AS TO 383.7	
677.9		AS TO 386.4	
678.5		AS TO 383.7	
681.7		AS TO 386.4	
683.4 686.4		AS TO 383.7 AS TO 386.4	······································
686.8		AS TO 383.7	
691.3	-	AS TO 386.4	
691.6		AS TO 383.7	
699.3		AS TO 386.4	
704.0	4.7 QTE	AS TO 394.3	
713.5		AS TO 386.4	
714.6		AS TO 383.7	
718.3		AS TO 386.4 BECOMING MORE MAFIC (UP)
719.0	C.7 GWKE	TO 15%) DOWNHOLE-LOWER CT SHARP 20 E Meta-Amphibolitic-FG DK brown green Enterbanded biotite 5104 Bands bith	45
		INTERBANDED BIOTITE RICH BANES WITH AMPHIBOLE RICH BANDS-MINOR FELDSPAR QTZ-MINOR X-BEDDING- FOCT CF HOLE SPECTROMETER READINGS WITH SCINTREX	
		GIS-3-NUMBER 905 107 THIN SECTIONS AT 186.7 471.0	
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x			BOREHOLE# 55318-0 SAKANI LAKE PAGE# 9
Y			

		80REHOLE RECORD *******	DATE PROCESSED APR 01,1974
BOREHOLE# PROPERTY	51 7 64 6		CHK*D
55322-0 SAKAMI PROJECT	33F 2W	H# ANOM# DEPTH AZIMUTH DIP LATITUDE 1191 180 00 -45 00 N 1020	
***		*****	*****
		INCLINATION AND TROPARI TESTS	
100 -40 30 200		DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DE 300 -34 45 400 -31 00	
		$\begin{array}{cccccccccccccccccccccccccccccccccccc$	
1100 -17 30 1190	-16 30		
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	****	***************************************	COMMENTS
LOGGED BY DEBICKI E J	TARTED JULY	01,1973 COMPLETEDJULY 17,1973 DRILLEC	INSPIRATION BES 3-AC CORE-PERMIT 548-ZONE 2
 			N CASING & CASING SHOE 70717 LEFT IN HOLE
***************************************	****		***************************************
and the second	DEPTH LENGT	SAMPLE ENTRIES H MNZN ROCK DESCRIPTION	ANG
	0.0 0.0		
		ULTRAMAFIC TYPES A B & C DEFINE	E <u>C</u> IN
	22 0 20	BH 55303	
	32.0 32.0	OVERBURDEN-10 FEET SWAMP-20 FE D-2 FEET BOULDERS-AW CSG TO 34.	
	n a staten en andaran e	T-START OF CORE	
	35.4 3.4		EY-LANI 50
		NATED-FELDSPAR RICH-MICACECUS-C	
		TIC-MINOR CALCITE-FELDSPAR CLAS ORPHYRIES) UP TO Q.1 INCH-UNDUL	
		FOTN (BEDDING)-LOCAL INTERCALAT	
	a an an the second the and a second second second	REGULAR BNDS YELLOWISH BUFF GRE	And West Control of Co
		OLITE -GARNETS-GRADES INTO FOLL	
		UNIT-SPKS PY 1% SEVERAL CUBES OPYRITE	ARSEN
	36.5 1.3		YOLITE SO
and the second	· · · · · · · · · · · · · · · · · · ·	(PORPHYRITIC)-FG-BUFF GREY-MAFI	
		BECOMING PURER DOWNHOLE-GARNETS	S-WEAK
	37.5 1.0	LY FOTD-LOWER CT SHARP AT 50 Ark Meta-As to 35.4-Lower CT sharp	AT 50 50
		SPKS PY 14	<u> </u>
	56.0 18.1		FIC)-8 50
		ECONING MORE MAFIC (10%) CARKER	
		& INCREASING CONTENT (UP TO 5%) Clasts (Purphyries) up to C.1 1	
		ICACEOUS BEDDING CTS (BETWEEN G	
		RHYOLITIC ZONES)-STRONGLY FCTD-	
		FELDSPAR CLASTS(PORPHYRIES)-LOC	
		PARALLEL WISPY STRS DK GREY MIC	
	74.0 18.0	DES INTO FOLLOWING UNIT-SPKS PY ARK META-AS TO 35.4 BUT INCREASING	
		R BIOTITE EYES (10-15%) DOWNHOL	e_{IN}
		PLANE OF FOTN-SOME X-BEDDING-LO	CAL
		UNDULATING DEPOSITIONAL CONTACT	S-LOW
	74.1 0.1	ER CT SHARP AT 50 MVVW GWKE META-FG TO MG-DK GREEN-AMFHIBO	14 F. S. M.
		WITH OWNE HERE TO TO BO ON DICLN-MEMBED	1 Sign Face - Sel - FT
<u></u>			BOREHOLE# 55322-0 SAKAMI PROJECT PAGE# 1

DEPTH LENGTH MNZN ROCK DESCRIPTION ANG ICA 60% FELUSPAR & QTZ 40% LOWER CT SHARP AT 50-SPKS PY 1% 74.5 0.4 MVVW ARK META-AS TO 35.4 WITH SOME METAGWKE AS TO 74.1 LOWER CT SHARP AT 40-SPKS PY 13 2.5 MVVW MTSD FG-PALE GREY GREEN-HIGHLY CHLORITIC- 50 77.0 MICA-MINOR FUCHSITE -QTZ FELDSPAR 50 **X-STRONGLY FOTD-MINOR X-BECDING-BECO** MING AS TO 74.1 DOWNHOLE-(EANDED LOC AL GARNETS & SMALL QTZ VEINJ-LOWER CT SHARP-STRS & SPKS PY 12 78.8 1.8 MVW GWKE META-AS TO 74.1 BUT LOCAL GARNETS & 50 MINOR GREY BROWN BIOTITE RICH META-A RKOSE BNDS-MINOR X-BEDING-LOWER CT S HARP-77.2 TO 77.4 & 78.5 TC 78.8 BND S SULPHIDE IF-CLOTS PY 60% PC 5-6% INTERSTITIAL TO QTZ GRAINS 81.2 2.4 MVVH DIA META-MG-GREY GREEN-AMPHIBOLITIC-50% AMPHIBOLE-50% FELDSPAR-WEAKLY FOTD-L OWER CT SHARP-SPKS PY 13 82.5 1.3 MW IF IRREGULAR BANDS SULPHIDE-FY 8-98-PO 3-4% IN A FG DK GREY QTE MATRIX-LOCA L MINOR METAGWKE ZONES-LOWER CT UNDU LATING (DEPOSITIONAL) 83.9 INTERBANDED SULPHIDE IF (30%) AS TO 1.4 MW 18 82.5 WITH OXIDE IF-DK GREY MAGNETITE 10-15% IN IRREGULAR CONTORTED (SEDIM ENTARY) BEDS-LOWER CT CONTCRTED 85.2 1.3 MVVW MTSD VCG-GREY GREEN-TREMOLITE ANTHOPHYLLI TE (MINOR ACTINULITE) FIBRES (60%) IN A FINER GRAINED QTZ FELDSPAR MATR IX-84.9 TO 85.2-GARNETS-LOWER CT SHA RP BUT UNDULATING-SPKS PY 13 85.5 INTERBANDED SULPHIDE (PO PY 5-6%) OX 0.3 MVW IF IDE (MAGNETITE 10-15%) MINCR GREEN AMPHIBOLE RICH BNDS (5%) & LIGHT GRE Y QTE BNDS UNDULATED THROUGHOUT-LOWE R CT SHARP 0.6 MVVW QTE LIGHT GREY-MASSIVE-GRANULAR-GRITTY-86.1 CALCITE 5-6%-SPKS PY PO 1% 86.5 0.4 MVW IF AS TO 85.5-LOWER CT SHARP AT 50 50 87.6 1.1 MVW IF OXIDE-MAGNETITE 75% IN AMPHIBOLE GAR NET MATRIX-FG MG-DK GREY-LOWER CT SH 50 ARP AT 50-MINOR BNDS PY 1-2% 88.6 1.0 MVW IF AS TO 87.6 BUT NO GARNETS 50 AS TO 85.5-LOWER 1 INCH OF UNIT GARN 0.2 MVW IF 88.8 ETIFEROUS 4.9 MVVW QTE MICACEOUS-FELDSPATHIC-FG MG-GREY-NUN 50 93.7 EROUS PARALLEL CALCITE STRS WITH SMA LL VUGS OF CALCITE CRYSTALS-LCCAL GA RNETS-LOWER CT SHARP-SPKS FY 12 99.3 5.6 M IF AS TO 87.6 BUT NO GARNETS-DK GREY GR EEN-PY 25-30%-PO 25-30%-MAGNETITE 10 -15% 102.9 3.6 NVVW QTE MG-GRITTY-GRANULAR-5 TO 1C% INTERSTI BCREHOLE# 55322-0 SAKAPI PROJECT PAGE# 2

	DEPTH	LENGTH MNZN	ROCK DESCRIPTION ANG TIAL AMPHIBOLE MICA-LOCAL BNCS MICA	
			& GARNETS-LOCAL IRREGULAR (SLUMPED) BNDS DXIDE & MT IF 15-20%-LOCAL BNDS	
			QTZ IRREGULAR QTZ MASSES PRODUCED BY Slumping (Breccia like)-becding high	
			LY CONTORTED-SPKS PY 1%	
	118.8	15.9	QTE MICACEOUS-FELDSPATHIC-FG TO NG-LIGHT 50	
			TO MEDIUM GREY-LAMINATIONS & BEDS UP	
· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·	TO 1 INCH-BEDDING CONTORTED (SLUMPED	
			& X-BEDED)-LOCAL QTZ MASSES (SONE BR ECCIA LIKE) with biotite selvages-na	
			FIC CONTENT VARIABLE 10-151-BIOTITE	
			AMPHIBOLE CHLORITE (BNDS SELVAGES &	
			INTERSTITIAL TO FELSIC GRAINS)-LOCAL	
	·····		SERICITIC ZUNES GARNET ZONES-INTERST ITIAL SPKS & CLOTS PY PO 18	· · · · · · · · · · · · · · · · · · ·
	127.4	8.6	MTSD LANINATED SEQUENCE-LIGHT GREY FG ARK 50	
			OSE-QTE (WITH MINOR MAFICS) & DK GRE	
			Y BIOTITE-CHLORITE GARNETS (NCN-MAGN	
			ETIC IF)-CONTORTED LAMINATIONS-LOWER	
······································	127.8	0.4	CT SHARP AT 30 QTE FG GREY-BIUTITE CHLORITE SERICITE 5- 50	
	12100	0.4	10%-MINOR QTZ GRITS-GARNETS-WEAKLY	
		a sa saka sa ka ka ka ka ka	FOTD-LOWER CT SHARP AT 40	
	128.9	1.1	MTSD AS TO 127.4 BUT FEWER GARNETS-LOWER 40	
	129.1	0.2	CT SHARP AT 40 OTE AS TO 137 SHARE AT 40	
	131.0	<u>C.2</u> 1.9	QTE AS TO 127.8-LOWER CT SHARF AT 40 MTSD AS TO 127.4-GRADES INTO FCLLOWING UN 40	
		•••	IT	
and the second	135.7	4.7	QTE SIMILAR AS TO 127.4 BUT FEWER MAFIC	
			BNDS LESS GARNETS & INCREASED THICKN	
			ESS OF BEDS DOWNHOLE-CONTORTED FOTN Due to slumping X-bedding & depositi	
			ONAL CONTACTS-GARNETS AS BNDS ONLY-L	
			OCAL BNDS PY PO 18-LOCAL SERICITIC	
· · · · · · · · · · · · · · · · · · ·			RICH FOTN PLANES AT 40	
	140.2 145.3		QTE AS TO 135.7-SPKS PY 1%	
	142.5	D+1 MVW	QTE FG MG-GREY-BIOTITE CHLORITE 15-208-L 40 DCAL GARNETS-SPKS PY 18-PO 1-28-WEAK	
· · · · · · · · · · · · · · · · · · ·			LKY FOTO	
	156.3	11.0 MVVW	QTE FG-MEDIUM BUFF GREY-MINOR SERICITE-C 40	
			HLORITE & MICA 5% BECOMING MCRE MAFI	
			C DOWNHOLE-LOWER CT SHARP AT 40-BEDD	
			ING WEAKLY PRESERVED-WEAKLY FOTD-LOC AL GTZ VEINS-SPKS CLOTS PY 1%	
· · · · · · · · · · · · · · · · · · ·	157.1	0.8 MVW	GWKE META-MG GREY GREEN-AMPHIBCLE 25-30% 40	
			MICA & CHLORITE 5-108-FELDSPAR 30-40	
			8-STRONGLY FOTD-LOWER CT SHARP AT 40	
			SPKS CLGTS STRS (PARALLEL TO FOTN)	
	162.2	5.1 MVVW	PO PY 5-6% <u>QTE FG GREY MASSIVE TO WEAKLY FOTD-MINOR 40</u>	
	<u> </u>	<u></u>	SERICITE CHLORITE MICA 5-1C% SPKS PD	
			PY 12	
		anna a stainn a stainn a stainna an stàinn an stàin	158.7 TO 159.1-ZONE OF VEIN LIKE DK	
			BLACK GREEN AMPHIBOLE BIOTITE CALCI	

					Ì
	DEPTH	LENGTH MNZN	ROCI	C DESCRIPTION ANG TE (POSSIBLE SKARN)	
	167.5	5.3	DIA	META-(METAGWKE)-FG DK GREY GREEN-AMP 40	
				HIBCLE & FELDSPAR RICH-LOCAL CTZ STR S-WEAKLY FOTD-LOWER CT SHARP AT 40	$-\prec$
				SPKS PY 12	
	168.5	1.0 MVVW	QTE	AS TO 162.2 BECOMING SLIGHTLY MORE MAFIC & INCREASING CONTENT SPKS PY	
				(14) DOWNHOLE-LOWER CT SHARP AT 30	
	1407	C 3 M101	∧¥ €	9-13 CPS TO 38-46 CPS DOWNHOLE	
	168.7	U.Z MVW		AS TO 162.2-MASSIVE-SPKS FY 1%-LOWER CT SHARP AT 30-52 TO 60 CPS	
	168.9	0.2 MVW		AS TO 162-2 BUT SMALL BNDS (STRS) MI	
				CA & CHLORITE PARALLEL TO FOIN-SPKS PY 5-6%-Lower CT Sharp at 30-135 to	
		· · · · · · · · · · · · · · · · · · ·		150 CPS	
	169.2 169.3			AS TO 162.2-SPKS PY 18-38-46 CPS AS TO 162.2 BUT LOCAL CHLCRITIC BNDS	
	104.3	COT MAAN	WIC	PARALLEL TO FOTN-SPKS PY 18-28 TO	
	1 7 7			34 CPS	
	172.6	3+3 MVVW	QIE	AS TO 162.2-LOCAL QTZ-FELDSPAR VEINS (SLIGHTLY PINK)-SPKS PY 19-11 TO 1M	
				CPS	
	174.9	2.3	QTE	FG MEDIUM GREY-CHLORITE & NICA 20-25 % INTERSTITIAL & AS BNDS ALONG FOTN	
				PLANES-NINDR X-BEDDING-OCCASICNAL SP	
	196 3	<i>c</i>	<i></i>	KS PY-LOWER CT IRREGULAR	
	175.1	0.2	GWK	META-FG DK GREY GREEN-AMPHIBOLE FELD 80 SPAR RICH-MICA 5-10%-LOWER CT IRREGU	
				LAR	
	175.3	0.2	QTE	AS TO 162.2-LOWER CT SHARP AT 50-175 .2 TO 175.5-CG FIBROUS AMPHIBOLE CRY	
				STALS WITH MINOR CALCITE 6 INTERSTIT	l
	100 5	16 3	DIA	IAL CLOTS PY 1%	<u> </u>
	190.5	13.2	UIA	META-AS TO 167.5 WITH POSSIBLE METAG 40 WKE ZONES (MORE FOTD & SLIGHTLY BIOT	
		n marana an		ITICI-FG & FOTD AT CTS BECOMING CG	
				TO CENTRE OF UNIT-SPKS PY 11-LOWER CT SHARP AT 40	
	195.7	5.2	QTE	MG-CG-GREY GRANULAR-MASSIVE-MICA-CHL	
				ORITE 5-10%-LOCAL PINK-WHITE GTZ FEL DSPAR VEIN-LOCAL LESS MAFIC ZCNES-LO	
				WER CT SHARP AT 70	
	196.2	0.5	G WKE	META-AS TO 175.1-LOWER CT SHARP AT	•
	197.5	1.3	VCLO	50 ANDESITE-BASALT-DK GREEN MASSIVE-CHL	
				ORITE AMPHIBOLE RICH-NUMERCUS QTZ ST	····
	197.7	0.2		RS-LOWER CT SHARP AT 70-SPKS PY 12 Meta-As to 175.1-Lower CT sharp 65 70	Ì
	199.3		VOLC	AS TO 197.5-LOWER CT SHARF AT 60-SPK	
	203.6	4.3		S PY 1% META-MICACEOUS-FG GREY 5-1C% CLOTS 75	1
				(EYES) AMPHIBOLE MICA ELONGATED PARA	
				LLEL TO WEAK FOTN-BECOMING GTZ RICHE	
er never i som en	en Barran (an an a	n de la companya de l		R DOWNHOLE-SPKS PY 13-LOWER CT SHAR P at 65	·

		-	NGTH MNZN		
	PORPHYRITIC-MG-PINK BUFF GREY-FELDSP		LC.O MVW	213.6	
	AR & QTZ PORPHYRIES UP TO C.1 INCH-				
	<u>CLOTS MICA (BLACK, SOFT) LESS THAN O.</u> 1 INCHES IN SIZE-DISSEMINATED SPKS				
	PY 2-38-LOCAL ZONES OF NUMERCUS HOLE				
	S (LESS THAN 0.1 INCH)-LEACHING OF				
	PYRITE (REMOVED)		18-1		
	AS TO 213.6-LESS PINK-LOCAL CTZ VEIN		LC.O MVW	223.6	
	S & SMALL FRACTURES-SPKS PY 2-3%		······································		· · · · · · · · · · · · · · · · · · ·
	AS TO 223.6-SPKS PY 2-3%	RHY	6.4 MVW	230.0	
	AS TO 223.6-PY SPKS & ALCNG FRACTURE		8.0 MVW	238.0	
	S 2-38-LOWER CT SHARP AT 4C				
	META-AS TU 167.5-SPKS PY 1%		1.3	239.3	
	E META-AS TO 175.1-(POSSIBLE METADIABA 50		2.5	241.8	
······	SE ZONESJ-SPKS PY 18-WEAKLY FCTD-LO				
	WER CT SHARP AT 50-241.0 TO 241.6-FI NER GRAINED ZONE				
	241.6 TO 241.8-DIOPSIDE SKARN				
	MG-MEDIUM TO DK GREY-GRANULAR WITH		2.8	244-6	
	20-25% MICA CHLORITE ALONG FRACTURES		2.00	27740	
	FOTN PLANES-25-30% OTZ & CALCITE VEI				
	NS-LOCAL PINK QTZ FELDSPAR VEINS-SPK				
	S PY 1%-243.1-BRECCIATED () ZONE-				
	LARGE QTE FRAGMENT WITH BICTITE SELV				a second a s
	AGE-243.9-0.2 INCH MICA CHLORITE BND				
	FG-GREY-5-10%-CHLORITE-MICA-MINOR SE 40		2.8	247.4	
	RICITE-LOCAL QTZ VEINING-SPKS PY 1%				
	AS TO 247.4-SPKS PY 18	-		250.0	
	AS TO 244.6-QTZ VEINING 50%-LOWER CT		2.5 MVVW	252.5	
	SHARP BUT IRREGULAR-LOCAL FINK QTZ-P	يوردون والانفار المتدر الموادي	gen and a second se		and the second
	ELDSPAR VEINS-SPKS PY 1% FG GREY-10-15% MICA-CLOTS & STRS PY		0.6 MW	253.1	
	PARALLEL TO FOTN 15-20%-252.5 TO 253			2/3 4 1	
	-1 MICA AMPHIBULE BND				
	FG-MEDIUM TO DK GREY-MICA CHLORITE 40		5.0 MVW	258.1	
	15-20%-LOCAL QTZ RICH BNDS & WELL FO				
an a	TD MORE MAFIC ZUNES-LOCAL PINK QTZ-F				
	ELDSPAR VEINS-SPKS CLOTS PY 1-2%				
	AS TO 258.1-SPKS PY 18-259.1-1 INCH	QTE	3.1 MVVW	261.2	
	8ND EXTENSIVE PINK FELDSPAR CTZ CALC				
	ITE VEINING				
	FG-DK GREY-CHLORITE & MICA INTERSTIT 55		0.8 MVW	262.0	
	IAL & AS BNUS-SPKS CLOTS STRS PY 1-2				
	8-PC 18-261.2 TO 261.4-ARSENCEVRITE				
· · · · · · · · · · · · · · · · · · ·	CUBES 3-4% ALONG FOTN PLANES IN CHLO RITE MICA MATRIX				· · · · · · · · · · · · · · · · · · ·
	AS TO 258.1-SPKS CLOTS PY PC 11		4.1 MMVH	266.1	
	FG-DK GREY-MICA CHLORITE 20-25% ALON 45			271.7	
	G FOTN PLANES-SPKS PY PO 12			. , at ifian ₹ 1	
	FG-MEDIUM GREY-CHLORITE MICA 10-15%		2.6	284.3	
	LOCAL WEAKLY FOTD ZONES, GTZ RICH ZON				
	ES (LESS MAFIC), QTZ VEINING, PINK FEL				
	DSPAR VEINING-SPKS PY 14				
	VEIN-WHITE MASSIVE-5% MAFIC INCLUSIC	and the second second second	1.5	285.8	ې اور استېرونا د به دوستانه د پارستانه د به سره د به ساله مهم سر د د د استان از د د د د د د
	NS CUT BY PINK QTZ-FELDSPAR VEINS-SH				

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			0.004	
	DEPIH L	ENGTH MNZN		ARP CTS ANG
	286.9	1.1		FG-GREY-SLIGHT TINGE YELLCW-SERICITI 50 C_MICA_CHLORITE_5-6%
	287.6	0.7		AS TO 286.9 BUT MICA SERICITE
	291.5	3.9	-	AS TO 286.9 60
	292.0	0.5	100 March 100 Ma	AS TO 286.9 BUT NON-SERICITIC-LOWER CT SHARP AT 60
	296 - 3	4.3	DIA	META-AS TO 167.5-WEAKLY FETD-FG AT C 50 TS becoming coarser grained to centr
· · · · · · · · · · · · · · · · · · ·				E OF UNIT-LOWER CT SHARP (C.1 INCH 8 IOTITE)-SPKS PY 1%
	297.2	0.9		FG-GREY-5% MICA CHLORITE-LOWER CT SF ARP BUT IRREGULAR
	297.9	0.7		META-AS TO 175.1-LOWER CT HAS FORMED 40 Flame structure into flowing unit
······································	298.0	0.1		AS TO 297.2-LOWER CT SHARF AT 55
	298.1	0.1		NETA-AS TO 175.1-LOWER CT SHARP 45 55
	303.3			FG-LIGHT GREY-GRANULAR-5% MICA CHLOR 45 ITE-SPKS PY 1%-5-15 CPS
	303.6	C.3 MVVW	CONG	ELONGATED U.1 TO U.4 INCH GTZ PEBBLE 45 S (75%) AT 45-MICA CHLORITE SELVAGES
				SPKS PY 4-5%-70 TO 80 CPS
	306.5	2.9 MVVW		AS TO 303.3 BUT BECOMING MORE MAFIC Downhole (10-15%)-SPKS PY 1%-WEAKLY
		n an		FOTC-7-15 CPS -305.4 TO 305.6-NUMERO US GTZ RICH ZONES WITH SPKS CLOTS PO PY 2-3%
	307.3	WVM 8.0	CONC	ELCNGATED 0.2 TO 0.8 INCH FRACTURED 45
				QTZ PEBBLES (75-80%) AT 45 DECREASIN G IN SIZE DENSITY DOWNHOLE-BICTITE C HLORITE SELVAGES-SPKS CLOTS PY 5-6%
1				125-140 CPS AT 306-6,180-195 CPS AT 306-8,42-54 CPS AT 307-2
	312.3	5.0 MVVW	QTE	FG-GREY WITH 20-25% CHLORITE MICA MI NOR SERICITE BNDS AT 50 SOME SELVAGE
			و و و و و و و و و	LIKE (GIVES PEBBLE APPEARANCE)-LOCAL QTZ FELDSPAR VEINS-SPKS PY 18-9 TO
				17 CPS
	315.8	3.5	QTE	AS TO 312.3-9 TO 17 CPS 50
	317.3	1.5		CG-WHITE 10% IRREGULAR BANDED MASSES BLACK ALTERED MICA AMPHIBOLE -SPKS PY 1%
	318.2	0.9	QTE	AS TO 312.3-50-60% CHLORITE MICA AMP 50 HIBOLE BNDS-WELL FOTD-LOWER CT SHARP & Contorted (Folded)
	318.4	0.2	UM	ALTERED CT DF ULTRAMAFIC-MG CG-DK GR 50 EEN-HORNBLENDE RICH-STRONGLY MAGNETI
	323.6	5.2	UM	C-PY PO 7-8%-MT 3-4% ALTEREC PERIDOTITE-FG MG-GREY TALCOS SC E-FOTD BECOMING MORE MASSIVE DOWNHOL
				E-FINELY BANDED-SMALL SCALE CONTORTE D FLOW BANDED-LOCAL TREMOLITE TALC R ICH ZONES-MT 1-2%-ZONES PO 3-4%
	325.3 333.5			AS TO 323.6 BUT LESS FOTD-MT 1-2% 50

	DEFTI	LENGTH MN		K DESCRIPTION ANG TD BECONING MORE MASSIVE DOWNHOLE-LO
				WER CT SHARP BUT UNDULATING (FLOW, CT
				1-LOCAL QTZ FELDSPAR VEINS-MT 1-2%
	335.2	1.7	UM	TYPE C-SEVERAL SMALL PRISMATIC OLIVI
				NES IN A MG TALCOSE, GREY MATRIX-LOWE
 A second s	a second and a second second			R CT SHARP (FLOW CT)-MT 1-2%
	336.6	1.4	UM	TYPE C-AS TO 335.2 BUT OLIVINES LARG
				ER-LOWER CT SHARP-MT 1-2%
a a construction and construction and constructions	339.6	3.0	UM	TYPE C-PRISMATIC OLIVINES-NT 18
				338.9-2 INCH CLOT MASSIVE CLIVINES
	339.8	G • 2	UM	TYPE A-SERPENTINIZED-MT 13
	340.4	0.6	UM	TYPE C-SRPD-MT 1%
	340.6	0.2	QTZ	VEIN-FG-WHITE MASSIVE-(QTE)-UPFER
				CT IRREGULAR-LOWER CT LOST DUE TO BR
· · · · · · · · · · · · · · · · · · ·				OKEN CORE
	341.4		UM	VARIETY TYPE B & C-SRPD-MT 2-3%
	341.5		UM	TYPE A-SRPD-MT 2-3%
	342.3	 A start of the sta	MU	AS TO 341.4-SRPD-MT 2-3%
	342.5		UM	TYPE A-SRPD-MT 2-3%
	343 • 7	1.2	UM	TYPE C-SRPD-343.0 TO 343.5-LARGER PR
				ISMATIC OLIVINES-MT 2-3%
	344.3		U.M	TYPE A-SRPD-MT 2-3#
	346.0		UM	TYPE C-SRPD-MT 2-3%
	346.6	and the second	UM	TYPE A-SRPD-MT 2-3%
	347.1		UM	TYPE C-SRPD-MT 2-3%
	347.5		UM	TYPE A-SRPD-MT 2-3%
	348.5	1.0	UM	TYPE C-SRPD-LOCAL NON-SRPC ZONE-MT
				2-3%
	348.8		UM	TYPE A-SRPD-MT 2-3%
	350.9	the second s	UM	TYPE C-SRPD-MT 2-38
	351-2		UM	TYPE A-HT 2-3%
	353.0		UM	TYPE C-MT 2-3%
	353.3		UM	TYPE A-MT 2-3%
	353.4		UM	TYPE C-MT 2-32
	353.7		QTE	
and the second	354.0		UH	AS TO 341.4-MT 2-38
	354.2		UM	TYPE A-MT 2-3%
	356.1		UM	AS TO 341.4-MT 1-2%
	358.1	2.0	UM	TYPE A-MT 2-38
	359.1		UM	AS TO 341.4-MT 2-38
	360.6	1.5	UM	TYPE C-HUSKY TABLETS-MT 2-3%
	361.1	0.5	UM	AS TO 333.5 WITH 50% CG QTZ FELCSPAR
	5/5 A	A (PEGMATITE INTRUSIONS-MT 1%
	361.5		UM	VARIETY TYPE B-HT 2-3%
	362.1	C.6	UM	FG-GREY-MASSIVE WITH 60-7C% CG CTZ F
	246 5	· ···		ELDSPAR INTRUSIONS
	363-8		UM	UN-FG-GREY-MASSIVE-TALCOSE-NT 3-4%
	365.8	2.0	UM	TYPE B-HUSKY TABLETS BECOMING SMALLE
	311 1	A .		R & PRISMATIC DOWNHOLE-MT 1-2%
	366.4		UM	AS TO 363.8-MT 1-2%
	369.1			AS TO 341.4-MT 1-2%
	372.4	3.3	UM	TYPE C-LARGE HUSKY TABLETS CLIVINE-M
	07/ A	1 /		T 1-28
an a	374.0	1.6	UM	TYPE C-SMALLER PRISMATIC CLIVINES-LC
				WER UNDULATING CT AT 10-MT 1-2%

	379.3	ENGTH MNZM 5.3		DESCRIPTION ANG TYPE C-MT 1-2%
	379.8	0.5		EQUIGRANULAR ALTERED OLIVINES-CG-GRE
	J170U	VeJ		Y WITH OCCASIONAL E-UANT BLACK CLIVI
				NES-VARIETY OF TYPE C-NT 1-2%
	380.0	0.2		TYPE C-MT 1-24
	380.4	0.4	UM	AS TO 379.8
	382.5	2.1	UM	TYPE B-MT 1-2%
	382.8	0.3		TYPE A-NT 1-2%
	383.0	0.2		TYPE B-MT 1-2%
	383.7	0.7		TYPE C-OCLASIONAL HUSKY TABLET CLIVI
	56541			NE-MT 1-2%
	384.1	0.4		TYPE C-PRISMATIC OLIVINES-MT 1-2%
	384.7	0.6	UM	AS TO 379.6-NT 1-2%
	398.3	13.6	-	TYPE C-VARIATION IN SIZE OF PRISMATI
	370 + 3	1340		C OLIVINES-FLOW CTS AT 366.3.367.9
				390.6, 390.7, 391.1, 391.5, 392.0, 394.2,
	200 4	0.1		396.6,398.1-MT 1-2%
	398.4	0.1	-	TYPE A-MT 1-2%
	401.5	3.1		TYPE C-NT 1-2%
	402.2	0.7	UN	TYPE A-MT 1-2%
	403.2	1.0		TYPE C-OCCASIONAL LARGE PRISMATIC OL
				IVINES DECREASING IN SIZE & DENSITY
				DOWNHOLE-LOWER CT UNDULATING (FLCW)
				MT 1-28
	406.5	3.3		FG-GREY-MASSIVE-TALCOSE-FLOW CT AT
		_		403.8
	408.1	1.6	UM	TYPE C-OCCASIONAL PRISMATIC & HUSKY
				BLIVINES-MT 1-2%
	409.5	1.4		AS TO 405.5 BUT COARSER GRAINEE-LOWE
				R CT SHARP
	412.3	2.8	UM	TYPE C-AS TO 408-1-MT 1-28
	413.3	1.0	UM	AS TO 406.5-MT 1-2%
	413.6	0.3	UM	TREMOLITE SUNS IN FG GREY MATRIX-NON
				MAGNETIC
	414.0	6.4		ALTERED CT-FG-DK GREEN-CHLORITE & AN
	•		-	PHIBOLE (ACTINOLITE) 95%-NT CUBES 5-
				68-LOWER CT SHARP AT 60
	417.5	3.5		META-ALTERED (NETASEDIMENT)-FG TO
	· • · · · <i>• •</i>	~ ~ ~		MG-GREY GREEN-MASSIVE-MINOR AMPHIBOL
				E-MICA 10-15%-UNIFORM THROUGHOUT-SPK
				S PY 12
	418+9	1.4		AS TO 414.U-TREMOLITE SUNS AT LOWER
	71047	♣ ♣		CT-NT 2-3%
	419.1	0.2		AS TO 413.6-MT 1-28
		0.2	UM	
and the second	421.7	2.6	UM	AS TO 406.5-LOCAL TALC VE IN
	425.5	3-8	UM	VARIETY TYPE C-INDISTINCT CARKER GRE
				Y EQUANT OLIVINES-FG GREY TALCOSE MA
				TRIX-MT 1-23
	428.5	3.0		AS TO 406.5-NUMEROUS LOCAL TALC VEIN
		_ -		S-MT 1-28
	428.6	0.1	UM	AS TO 406.5 BUT VFG DK GREY-MT 1-2%
	429 .8	1.2	UM	AS TO 406.5-MT 1-28
	429.9	0.1	UM	AS TO 413.6-MT 1-2%
يساور الواجات بالا المرتبط مناه المراجع مناهم بلوم المانية المحمد مناهم المراجع	432.6	2.7	UM	AS TO 414.0-MT CUBES 2-3% UP TO 0.1
				INCH

		LENGTH MNZ		
	452.9	24.3		META-FG AT CTS BECONING CG AT CENTRE OF UNIT-GREY GREEN-AMPHIBOLE & FELOS
				PAR RICH-MASSIVE-SPKS PY 18-LOWER C
				T SHARP, AT 70
	462.0	9.1	QTE	(ARKOSE)-FELDSPATHIC-MICACECUS-LIGH 60
			n ngan ngangan sa	T GREY-INDISTINCT PORPHYRITIC APPEAR ANCE-FG MG-SPKS PY 1%-OCCASIGNAL SPK
				PU-WEAKLY FUTD-LUWER CT SHARP AT 60
				UNIFORM THROUGHOUT
	462.2	6.2		FG-NEDIUM GREY-NICACEOUS-LOWER CT SH
				ARP AT 60-SPKS PO PY-WELL CEVELOPED
				ARSENDPYRITE GRAINS 18
	482.0	19.8		META-AS TU 452.9-FUTD 60 TU 40 COWNH 60
				OLE-LOWER CT SHARP-SEVERAL BIOTITIC
		3.2		ZONES NEAR BOTTOM OF UNIT AS TO 414.0-LOCAL BNDS TREMCLITE SUN
	485 - 2	206		AS TO 414.0-LOCAL BNDS TREMULTIE SUN S AS TO 413.6-MT 1-2%
	486.0	0.8		100% TALC-TURQUOISE-FG
	486.6	0.6		HIGHLY TALCOSE WITH LOCAL BADS BLACK 60
				OLIVINES SIMILAR TO UM TYPE A-MT 1-2
				8-FOTD WEAKLY
	489.3	2.7	UM	HIGHLY TALCOSE-TURQUOISE GREY 80
	489.6	0.3	UM	AS TO 413.6-MT 2-3%
e e de la construcción de la constru	489.9	0.3		TYPE C-SMALL EQUANT OLIVINES IN A FG GREY TALCOSE MATRIX
	507.9	18.0		TYPE A-HIGHLY SRPD-GREEN ELACK-MASSI
				VE-MT_2-3%-LOCAL_QTZ_CAREDNATE_VEIN
				489.9 TO 498.0
	511.1	3.2	UM	AS TO 507.9 BUT WEAKLY SRFC-MT 2-3%
	511.6	0.5		VEIN-WHITE MASSIVE
	512.1	0.5	UM	AS TO 507.9 BUT VERY HIGHLY SRPD
	513.3	1.2	UM	AS TO 511.1 BUT SLIGHTLY SRPC-LOCAL
	513.6	0.3	UM	<u>ATZ FELDSPAR VEINS-MT 2-3%</u> AS TO 512.1-MT 2-3%
		4.7	-	AS TO 512.1-AT 2-3% AS TO 511.1-AT 2-3%
	519.3	1.0		AS TO 406.5 BECOMING WEAKLY SRPD DOW
	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		VHOLE-MT 1-2%
	519.6	0.3		AS TO 414.0-NON-MAGNETIC
	526.4	6.8		META-AS TO 417.5-FINER GRAINED AT CT
	.	. .		S-WEAKLY MAGNETIC PO 1%
	527.0	0.6		AS TO 197.5
	535.4	8 • 4		META-AS TO 452.9-LOCAL BNDS DIOPSIDE
	537.4	2.0		SKARN Meta-meta-arkose-interbancec well fc
	J.J. (TD METAGWKE-FG TO MG GREY GREEN WITH
	n an			BIOTITE AMPHIBOLE FELDSPAR (LCCALLY
				AMPHIBOLITIC) & META-ARKOSE-FG-GREY
				ATZ FELDSPAR-MINOR MICA TREMCLITE AN
		a i		THOPHYLLITE IN VARYING PORPORTIONS
	537.8	0.4		META-POSSIBLE ALTERED UN-AMPHIBOLITE 65
				<u>CG-TREMOLITE-ACTINOLITE HORNBLENCE</u> 75%-MINOR MICA CHLORITE FELDSPAR-WEA
				(LY FOTD-MT 1-2%
	540.2	2.4		META-SIMILAR AS TO 537.8 BUT FINER 65
				GRAINED-AMPHIBOLE 50%-MT 1-2%-SPKS

	DEPTH I	LENGTH MNZN	ROCK DESCRIPTION ANG PO PY 1%-WEAKLY FOTD	
	541.0	0.8	GWKE NETA-AS TO 537.8 BUT VCG-AMPHIBGLE 50 75-80%-WEAKLY FOTD-MT 1%	
	541.6	0.6	GWKE META-META-ARKOSE (MAINLY) AS TO 537. 4 WITH 50% DIOPSIDE SKARN	
	543.0	1.4	SKN DIOPSIDE-CG-GREEN-DIOPSIDE RICH WITH MINCR QTZ CALCITE	
	547.2	4.2	JM AS TO 406.5-WEAKLY FOTD-NT 2-3% 65	
	549.9	2.7	SKN AS TO 543.0	
	550.0	0.1	JM AS TO 547.2-MT 1-28	······
	555.8	5.8	JM AS TO 547.2-BUT SUX DIOPSIDE SKARN MT 1-28	•
	558. 5	2•7	WKE META-AS TO 537.8-BANDED (VARIATION IN AMPHIBOLE %)-LOCAL GARNETS-MT 1-2 % THROUGHOUT	
	558.6	0.1	JM AS TO 547.2-MT 1-2%	
	559.2	0.6	SWKE NETA-AS TO 537.8	
	564.1	4.9	JM _AS TO 547.2 BUT WELL FOTD WITH AMPHI 70	
	20101		BOLE UP TO 25%-MT 2-3% INTEREANDED	
			WITH METAGWKE ZONES AS TO 537.8 (LOC	
			AL GARNETS)-LOWER CT SHARP-LOCAL CLO	
			TS PY 1%	
	570.0	5.9	JM AS TO 547.2-MT 1-28-WEAKLY FOTD 70	
	584.4	14.4	IN AS TO 547.2 WITH DIOPSIDE SKN 60% &	
			LOCAL HIGHLY AMPHIBOLITIC CHLORITIC	
			ZONES-MT 1-2% THROUGHOUT-LOWER CT SH	
			ARP AT 55	
	586.8	2.4 MVVW	CONG MEDIUM GREY ELONGATED TO ROUNDED GTZ	
			PEBBLES AT 70 DEGREES,0.1 TO 1.2 INC	
			HES LONG,75-80% DENSITY LOCALLY WELL	j
			DEFINED TO INDISTINCT WITH WELL DEVE	
			LOPED BIOTITE CHLORITE SELVAGES-SPKS	
			CLOTS PY IN MATRIX UP TO 10-12% IN	
			SOME UNITS DOWNHOLE WITH LOCAL CLOTS	
			CP IN MORE RADIOACTIVE ZONES-HIGHEST	
			RADIOACTIVITY IN ZONES WITH HIGHEST	1
nan an			PEBBLE DENSITY & HIGHEST % SULPHIDES	
			22-30 CPS-585-3 IS 46-60 CPS	
	587.2	O A MUL		
			CONG AS TO 586-8-85 TO 105 CPS	
	587.6		CONG AS TO 586-8-11 TO 28 CPS	
	588.6	T+0 WAM	CONG AS TO 586.8-44 TO 50 CPS AT 587.7 &	
	F 3 4 4	· · ·	64 TO 76 CPS AT 588.3	
	589.4	0.8 MVW	CONG AS TO 586.8-CLOTS CP 3-4%-SPKS CLOTS	
			PY 8-104-125 TO 145 CPS AT CTS TO 21	
: · · · · · · · · · · · · · · · · · · ·			<u>0 TC 235 CPS AT 588.9</u>	
	590.0		CONG AS TO 586.8-40 TO 60 CPS	
	591.2	1.2 MVVw	CONG AS TO 586.8-11 TO 28 CPS	
	594.6	3.4 MVVH	TE FG-GREY CHLORITE MICA 10-15% AS BNDS 70	
			<pre>& INTERSTITIAL-FOTD WEAKLY-SPKS PY 1%</pre>	
	595.5	C.9 MVVW	TE FG-LIGHT GREY-SERICITIC-SFKS PY 1%	
	596.6		ONG AS TO 586.8-20 TO 3/ CPS	· · · · · · · · · · · · · · · · · · ·
	598.0		CNG AS TO 586.8-52 TO 84 CPS	
	599.6		ONG AS TO 586.8-88 TO 100 CPS AT 558.2 6	•
	en en en altres altres altres altres altres de la composición en		DECREASING TO 44-60 CPS AT 555.4	and a second parameter a second se
			ACTORNATION TO TE OF OF A 193387	

		LENGTH MNZ			
	601.6			G AS TO 586.8-48 TO 70 CPS	Î
	602.1			G AS TO 586.8-18 TO 27 CPS	1
>	605.0	2.9 4001		G FG GREY-15 TO 20% MICA CHLORITE-WEAK 65 Ly Foto-SPKS py 1%-11 to 19 CPS at	\prec
				602.3 INCREASING TO 48-56 CPS AT 604	Ì
				•6	
	606.6	1.6 NVW	CON	AS TO 586.8-52-60 CPS AT 605.2 TO 70	
	00000		0011	-90 CPS AT 606.2	
	607.2	0.6 MVW	CON	AS TO 586.8 BUT PY 7-8%-360 TC 400	
		·····		CPS AT 606.7 & 230-260 CPS AT 607.0	
	610.2	3.0 MVW	CONC	AS TO 586.8 BUT PEBBLES 6C-659-64 TO	1
				78 CPS AT 607.5 & 72 TO 94 CPS AT	
1				609.4	,
	611.2	1.0 NVW	CON	AS TO 586.8 BUT PEBBLES 8C-85%-SPKS	
				PY 7-8%-130 TO 135 CPS AT 610.4,750	
				TO 780 CPS AT 610.6 & 100 TO 120 CPS	
				AT 611.0	
	615.7	4.5 MVW	CONC	AS TC 586.8-18 TO 28 CPS, 32 TO 44 CP	
				S AT 614.7	
R	617.1	1.4 MVW	CON	AS TO 586.8 BUT PEBBLE DENSITY DECRE	Ą
				ASES DOWNHOLE TO 25%-52 TO 64 CPS-70	
-				TO 88 CPS AT 616.0	
	619.8	2.7 MVVI	N QTE	AS TO 605.0-SPKS PY 14-18 TO 30 CPS	
	620.8	1.0 MVW	QTE	AS TO 605.0 BUT OCCASIONAL ELONGATED	ļ
				QTZ PEBBLES (25%) DECREASING IN DENS	
				ITY DOWNHULE-SPKS PY 1-28-44 TO 62	
	1999			CPS	
	621.7	0.9 MVW	CONC	AS TO 586.8-SPKS CLOTS PY 7-87-135	
				TO 150 CPS AT 621.0,260 TO 285 CPS	
· · · · · · · · · · · · · · · · · · ·		en e constante en la constante antico		AT 621.6	
	622.3			AS TO 620.8-44-62 CPS	
	623.1	C.8 MVW		AS TO 586.8-SPKS PY 7-83-250 TO 280	
				CPS TO 82-96 CPS DOWNHOLE	
	628.1	5.0 MVVI	I QTE	AS TO 605.0 BUT WITH LOCAL ZONES ELC	
\$*				NGATED QTZ PEBBLES 25% (28-4C CPS)	
	()))			SPKS PY 18-11 TO 22 CPS	
	638.8	TOPL MAA!	-	PEBBLY-AS TO 605.0 BUT WITH LOCAL ZC 65	
				NES LESS MAFIC,OCCASIONAL PEBBLES,MA	
				SSIVE TO WEAKLY FOTD-LOCALLY SERICIT	
	620 A	O 4 MVL		IC-SPKS PY 1%-9 TO 22 CPS	
	639.4	V.C MYN	しじれい	AS TO 586.8 BUT 50% PEBBLES-SPKS PY 5-6%-22-27 CPS	
	641.4	2 0 MVL	OTE	AS TO 638.8-WEAKLY FOTD-SPKS PY 1-2% 65	
	642.2			AS TO 639.4-SPKS PY 2-38-17-22 CPS	
	643.0			AS TO 639.4-SPKS PT 2-94-11-22 CPS AS TO 638.8-SPKS PY 1-24-11 TO 17 CP	1
and the second	VIJIV	VOU MUN	W[]	S	
	643.7	0.7 MVW	CONG	AS TO 639.4-SPKS PY 3-48-26-38 CPS	
	644.1			AS TO 636.8-SPKS PY 12	
	645.4			AS TO 639.4-SPKS PY 2-3%-17-22 CPS	1
	646.3			AS TO 638.8-SPKS PY 12	
	647.3			AS TO 639.4-SPKS PY 1-28-17-22 CPS	
	647.7			AS TO 638.8-SPKS PY 12	
	648.4			AS TO 639.4-SPKS PY 1%	
	653.0			AS TO 638.8-SPKS PY 1%	
	653.3			AS TO 586.8-SPKS PY 2-3%-16C-195 CPS	
				ECREHOLE# 55322-0 SAKANI PROJECT PAGE#11	J

DEPTH DESCRIPTION AG 653-0 C.C. MW CEC AS TO 380-3505 PT 13-12-24 CFS 653-0 C.L. MW CEC AS TO 380-3505 PT 13-12-24 CFS 655-0 C.L. MW CEC AS TO 380-3505 PT 13-12-24 CFS 655-0 C.L. MW CEC AS TO 330-3505 PT 13-12-24 CFS 655-0 C.A. CANCEL CASS. STO 337-4505 CFS CEC AS TO 337-4505 CFS 657-0 CAL GAMEL ZONES-AKCGS MARCH 4605 LC TO CAL GAMEL ZONES-AKCGS MARCH 4605 LC TO 700-71 CAL GAMEL ZONES-AKCGS MARCH 4605 LC TO 667-8 12-9 GRKE FC-MC-GREY BREH-401 AMPHIBCLE-401 TO 710-71 FEADARCE-CARACH VILL TO FEADARCE-CARACH VILL 690-7 13-9 GRKE FC-MC-GREY BREH-401 AMPHIBCLE-402 TO 700-8 12-5 SAN DIOPSILCHART DIAS MET AGES AF 700-8 12-5 SAN DIOPSILCHART DIAS DIAS DIAS DIAS 700-8								
63.5 C.2 MW CIGA AS TO 586.0-5RS PY 2-38-32-4C CPS 65.5 C. 1.7 MW QIE AS TO 535.4-5RS PY 1-27-46-56 CPS 65.6 C.2 MW CIGA AS TO 535.4-5RS PY 1-27-46-56 CPS 60.5 4.1 MW CIGA AS TO 535.4-5RS PY 1-27-46-56 CPS 60.5 4.1 S MW QIE AS TO 535.4-5RS PY 1-27-46-56 CPS 60.5 4.1 C.2 MW QIE AS TO 535.4-5RS PY 1-27-46-56 CPS 60.5 4.1 C.2 MW QIE AS TO 535.4-5RS PY 1-27-46-56 CPS 60.5 4.1 C.2 MW QIE AS TO 535.4-5RS PY 1-27-46-56 CPS 60.5 4.1 C.2 MW QIE AS TO 535.4-5RS PY 1-27-46 60.7 11.5 G CRK PC-CRY CRY CREWCALL WARNETLE-COI TO FELDSMACL-FACAL VICO 60.7 11.5 G CRW CRW-CRY CRY CREWCALL WARNETLE-COI TO FELDSMACL-FACAL VICO 60.7 11.5 G CRW CRW-CRY CRY CRY CREWCALL WARNETLE-COI TO FELDSMACL-FACAL VICO 60.7 0.2 CR AS TO 534.0 WITH LOUGH SRK PY FOSD2 70.6 1.5 SKN DIOPSIOE-AS TO 543.0 70.6 1.6 MVW CIE AS TO 50.6 SKR PY 1-264-100 CPS 73.9 C C.7 MW CIE AS TO 50.6 SKR PY 1-27-46-100 CPS 74.0 KI CR AS TO 50.6 SKR PY 1-27-27 CPS 75.0 TWW CIE AS TO 50.6 SKR PY 1-27-27 CPS 75.0 TWW CIE AS TO 50.6 SKR PY 12-100 CPS AI 732.5 75.0 KWW QIE AS TO 50.6 SKR PY 12-100-100 CPS AI 732.5 75.0 KWW QIE AS TO 50.6 SKR PY 12-100 CPS 75.0 KWW QIE AS TO 50.6 SKR PY 12-100 CPS 75.0 KWW QIE AS TO 50.6 SKR PY 12-100 CPS 76.2 SKR PY 12-11 FO 17 CPS 76.2 SKR PY 12-11 FO 17 CPS 76.2 SKR PY 12-11 FO 17 CPS 77.0 C.2 MWW QIE AS TO 70.6 SKR PY PI 2-264 CPS 77.0 C.2 MWW QIE AS TO 70.6 SKR PY PI 2-264 CPS 77.0 C.2 MWW QIE AS TO 70.6 SKR PY PI 2-264 CPS 77.0 TIL-1 C.2 MWW CIE AS TO 70.6 SKR PY PI 2-264 CPS 77.0 TIL-1 C.2		DEPTH	LENGTH	MNZN	ROCK	DESCRIPTION	ANG	
655.5 1.7 AVM OCE AS TO 384.8-SPK PY 12-14-22 CPS 656.6 1.1 HWY OCE AS TO 394.5-SPK PY 12-24-8-95 CPS 660.9 4.3 HWW OCE AS TO 37.5 TO 2.2-200 CPS AT 652.5 660.9 4.3 HWW OCE AS TO 37.5 TO 2.2-200 CPS AT 652.5 675.6 114.9 Content American America				MVW	QTE	AS TO 638.8-SPKS PY 1%		
655.6 1.1 MW CONG AS TO 639.4-3PK 5 PY 1-22-46-58 C CFS 640.5 4.3 MW T C55.7 D (22-2 C) 57.4 T 45.5 640.5 4.3 MW T C55.7 D (22-2 C) 57.4 T 45.5 640.5 4.3 MW T C55.7 D (22-2 C) 57.4 T 10.5 T 6.5 640.5 4.3 MW T C55.7 D (20-2 C) 57.4 T 10.5 T 6.5 640.5 4.3 MW T C55.7 D (20-2 C) 57.4 T 10.5 T 6.5 640.5 4.3 MW T C55.7 D (20-2 C) 57.4 T 10.5 T 6.5 640.5 1 1.5 5 KN D 1075 D (24-57K) T 1.5 T 6.5 700.8 1.5 5 KN D 1075 D (24-57K) T 1.5 T 6.5 700.8 1.5 5 KN D 1075 D (24-57K) T 1.5 T 6.5 700.8 1.5 5 KN D 1075 D (24-57K) T 7.5 706.7 0.3 0 KK M E1A-85 T 0 453.6 WT F 10.5 M F		653.8						
AT 655-7 TO 22-20 CPS AT 656-5 600.5 4.5 MW QTE AS TO 030-59K PY 12-72-2 CPS 617.6 14.9 GWE META-RETA-ARGSE-AS TO 537.4 BUT LOC 15 11.0 STL2_META-ARGSE-AS TO 537.4 BUT LOC 15 11.0 STL2_META-ARGSE-AS TO 537.4 BUT LOC 15 12.0 STL2_SES.PK PY 13 609.7 11.9 GWE CF-MCGAEV PARAMENTER ARGSE-AS AP 609.7 11.9 GWE CF-MCGAEV PARAMENTER ARGSE-AS AP 609.7 3 9.6 OTE AS TO 630.4 MATHECLE-403 70 FELOSPAR-10-154 MICL-META-LIAASSE AP 609.7 3 9.6 OTE AS TO 630.4 MATHECLE-403 70 FELOSPAR-10-154 MICL-META-LIAASSE AP 700.6 1.5 TO 630.4 MITH LOCAL HORS METAGWKE AS TO 408.7 -OCCASIONAL SPKS PY-658.2 - 2 THCH DUPYDIE SAAM 700.6 1.5 G SKE DIDGS JDE-AS TO 543.0 708.7 C.9 GWE META-AS TO 453.0 708.7 C.9 GWE META-AS TO 452.0 MUT CG-MASSIVE 708.7 C.9 GWE META-AS TO 452.0 MUT CG-MASSIVE 708.7 C.9 GWE META-AS TO 452.0 MUT CG-MASSIVE 708.7 C.9 GWE META-AS TO 452.0 MUT CG-MASSIVE 709.6 T.9 C.7 WW GTE AS TO 6305 MKS PY 1-22.4 E100 CPS 709.6 T.9 C.7 WW GTE AS TO 6305 MKS PY 1-22.4 E100 CPS 709.6 C.9 C.7 WW GTE AS TO 6305 MKS PY 1-22.4 E100 CPS 709.6 C.9 C.7 WW GTE AS TO 6305 MKS PY 115.7 C.7 MICL CPS 709.6 C.9 C.7 WW GTE AS TO 6305 MKS PY 117.4 C.7 MICL CPS 709.6 C.9 C.7 WW GTE AS TO 6305 MKS PY 117.4 C.7 MICL CPS 709.6 C.9 C.7 WW GTE AS TO 6305 MKS PY 117.7 C.7 MICL CPS 709.6 C.9 C.7 WW GTE AS TO 6305 MKS PY 117.7 C.7 MICL CPS 709.6 C.9 C.7 WW GTE AS TO 6305 MKS PY 117.7 C.7 MICL CPS 709.7 C.7 GWE GKE ANT 050.7 GK-7 MKS CP PY PU 7-81-42 TO 709.7 C.7 MKS CGME AS TO 7544 SUT 700.4 METC-15 TO 201 754.4 C.7 MKY GTE AS TO 7544 SUT 700.4 METC-15 TO 201 754.5 C.7 WW GTE AS TO 7544 SUT 700.4 METC-15 TO 201 754.5 C.7 WW GTE AS TO 7544 SUT 700.4 METC-15 TO 201 754.5 C.7 WW GTE AS TO 7544 SUT 700.4 METC-15 MKS CFT 700.7 MICL CPS 771.6 C.7 MKS GTE 754.4 UT 700.7 MICL 200.7 MICL CPS 773.7 C.7 L.9 WW GTE AS TO 7544 SUT 700.7 MICL 200.7 MICL 200.7 MICL 200.7 MICL 200.7 M	<u>></u>	655.5						
660.9 4.3 MW 0TE AS TO 238.6 SRX 5Y 11-5-22 CFS 675.8 14.9 GKR META-META-ARKOSCA AKOSCA JUD 10C 75 CAL GARNET 20HS-ARKOSC MINOL-666.2 ID-124-CTELAN META-META-ARKOSCA MINOL-666.2 ID-124-CTELAN META-META-ARKOSCA MINOL-666.2 ID-124-CTELAN META-META-ARKOSCA MINOL-666.2 ID-124-CTELAN META-META-ARKOSCA MINOL-666.2 ID-124-CTELAN META-META-META-META-META-META- 669.7 13.9 GARE FG-MC-GREY ARKOSCA MINOL-666.2 FELOSPAR-10-125 MICA-META-CIABASE AP FPRARAKC-WEAKUY FUTO 659.3 0.6 CTE AS TO 630.4 MINI LOCAL BMS FM-GGML 700.6 TIS SKN DIOPSIDE SAKAN 700.7 T.0 QTE AS TO 639.3 700.7 T.0 QTE AS TO 639.3 704.7 C.0 AT AS TO 639.3 704.7 C.0 AT AS TO 639.4 BUT MOCT PINK 712.6 JS MW ATH ARTAST TO 23.0 BUT GARANSINE 724.6 JS MW ATH ARTAST TO 23.0 BUT GARANSINE 734.3 I8.7 DIA META-ST TO 23.0 BUT GARANSINE 735.5 T.2 ZWW OTE AS TO 638.6 SFX 5Y 12-22 CFS 740.6 LIA WW OTE AS TO 638.6 SFX 5Y 12-27 4COKEN 750.0 C.2 LC GARUNG CARK FY 124-124 CFS 750.0 C.2 LC GARUNG CARK FY 124-124 CFS 760.7 C.2 LC GARUNG CARK FY 124-124 CFS 760.7 C.2 LC GARUNG CARK FY 124-124 CFS 760.7 C.2 LC AR WW UTE AS TO 33.4 SC FY FO 7-84-124 CFS 760.7 C.2 LC AR WW OTE AS TO 754.4 SC TO 754.4 SC TO 202 762.5 C.7 MW CCM AS TO 754.4 SUT MARTICIS TO 202 762.5 C.7 MW CCM AS TO 754.4 SUT MARTICIS TO 202 762.7 C.7 WW CCM AS TO 754.4 SUT MARTICIS TO 202 762.7 C.7 WW CCM AS TO 754.4 SUT MARTICIS TO 202 763.7 C.7 WW CCM AS TO 754.4 SUT MARTICIS TO 202 764.7 C.7 WW CCM AS TO 754.4 SUT MARTICIS TO 202 764.7 C.7 WW CCM AS TO 754.4 SUT MARTICIS TO 202 764.7 C.7 WW CCM AS TO 754.4 SUT MARTICIS TO 202 764.7 C.7 WW CCM AS TO 754.4 SUT MOLEANS FY CC 23-		656.6	1.1	HVW	CONG	AS TO 639.4-SPKS PY 1-22-48-58 CPS		
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PPEARANCE-WEAKLY FUTU 690-3 9-6 UE AS TO 068-7-DUCASIONAL SPRS PP-058_2 700-8 1-5 SKARN 700-8 1-5 SKARN 700-8 1-5 SKARN 700-8 1-5 SKARN 700-7 1-5 SKARN 712-6 3-9 MWK MY PORPHYRITIC-AS TU 213-6 BUCH NOT PINK 712-6 3-9 MWK META-AS TU 452-75 BUT GC-MASSIVE 60 728-0-713-5-50COMING FG DOLMANT GF DOLMANT CC-MASSIVE 60 728-0-713-550000 FY 12-9-26 CPS 739-2 0.7 MVW DTE AS TO 458-65KS PY 12-9-26 CPS 730-3 7.4 NUW DTE AS TO 358-65KS PY 12-27-664 CPC PS 730-4 7.4 DO 358-65KS PY 124-760 CPS AT 734-5 740-6 1-6 MVW MTE AS TO 058-65KS PY 124 730-7 5.7 MVW DTE AS TO 358-65KS PY 124 730-0 5.7 MVW DTE AS TO 758-65KS PY 124 730-0 7.7 S.7 730-0 CASA								
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$\begin{array}{c} 134-SPKS PY 1-28 \\ \hline 01A META-AS TO 452.9 BUT CG-MASSIVE 60 \\ 728.0-731.3-BECOMING FG DOWNCLE 6 \\ FOITC-MINCK BIOITLE 738.5 \\ \hline 728.0-731.3-BECOMING FG DOWNCLE 6 \\ FOITC-MINCK BIOITLE 738.5 \\ \hline 739.5 \\ \hline 7.2 MVW OTE AS TO 638.8-SPKS PY 12-68-100 CPS \\ \hline 739.6 \\ \hline 740.6 \\ \hline 1.6 MVW OTE AS TO 538.8-SPKS PY 12-766-100 CPS \\ \hline 740.8 \\ \hline 1.6 MVW OTE AS TO 638.8-SPKS PY 12-766-100 CPS \\ \hline 750.0 \\ \hline 5.2 \\ \hline C & CCON CORE \\ \hline 750.0 \\ \hline 5.2 \\ \hline C & CCON CORE \\ \hline 750.0 \\ \hline 5.2 \\ \hline C & CCON CORE \\ \hline 754.0 \\ \hline 6.3 MVW OTE AS TO 638.8-SPKS PY 12 \\ \hline 754.0 \\ \hline 6.3 MVW OTE AS TO 639.4-SPKS CP PY PC 7-68-42 TO \\ \hline 50 \\ \hline 754.0 \\ \hline 6.4 MVW OTE AS TO 639.4-SPKS CP PY PC 7-68-42 TO \\ \hline 50 \\ \hline 754.0 \\ \hline 6.4 MVW OTE AS TO 639.4-SPKS CP PY PC 7-68-42 TO \\ \hline 50 \\ \hline 754.0 \\ \hline 6.4 MVW OTE AS TO 639.4-SPKS CP PY PC 7-68-42 TO \\ \hline 50 \\ \hline 754.0 \\ \hline 754.0 \\ \hline 754.0 \\ \hline 754.4 \\ \hline 0 & 072 \\ \hline 756.2 \\ \hline 756.2 \\ \hline 756.2 \\ \hline 756.2 \\ \hline 768.2 \\ \hline 768.2 \\ \hline 771.0 \\ \hline 1.2 \\ \hline 772.0 \\ \hline 771.0 \\ \hline 1.2 \\ \hline \hline 772.0 \\ \hline 772.$							• =	
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$\begin{array}{c} 728.0-731.3-96COMING FG DOWNCLE 6 \\ FOID-MINOK BIOTITE \\ 738.5 7.2 MVW QTE AS TO 038.0-SPKS PY 1.8-9-28 CPS \\ 739.2 0.7 MVW CTE AS TO 038.0-SPKS PY 1.8-9-28 CPS \\ 739.2 0.7 MVW CTE AS TO 038.0-SPKS PY 1.8-9-26 CPS \\ AT 738.0-STO-90 CPS AT 738.9 \\ 740.6 1.6 MVW QTE AS TO 039.0-SPKS PY 1.7-86CMEM CORE \\ 750.0 S.2 LC GRCUNO CORE \\ 751.7 3.7 MVW QTE AS TO 039.0-SPKS PY 1.8 \\ 754.0 0.3 MVW CTMG AS TO 639.4-SPKS CP Y PO 7-68-42 TO \\ 50 CPS \\ 754.4 G.4 MVW QTE AS TO 039.4-SPKS CP Y PO 7-68-42 TO \\ 50 CPS \\ 754.4 G.4 MVW QTE AS TO 039.4-SPKS PY 1.8 \\ 761.8 7.4 MVW QTE AS TO 734.4 BUT MICHAP-53 SERICIT \\ E CHLORITE MICA-BNDD & INTERSTITIAL \\ TO QTZ GRAINS-SPKS PY 1.8 \\ 762.5 C.7 MVW QTE AS TO 734.4 BUT MORE MAFIC-15 TO 203 \\ -SPKS PY 1.2-11 TO 207 CPS \\ 768.2 S.7 MVW QTE AS TO 734.4 BUT MAFIC 50.235-SFKS \\ PY 2337.135 TO 1.60 CPS \\ 768.2 S.7 MVW QTE AS TO 734.4 DO TO AN AFIC 50.235-SFKS \\ PY 2337.135 TO 1.60 CPS \\ 768.2 S.7 MVW QTE AS TO 734.4 DO TO 207 CPS \\ 768.2 S.7 MVW QTE AS TO 734.4 DO TO 207 CPS \\ 771.0 1.2 MVW QTE AS TO 734.4 DO CPS TO 711.7 Q2 CPS \\ 773.7 2.7 MVW QTE AS TO 639.4-SPKS PY PO 1-27.17 TO 22 CPS \\ 773.7 2.7 MVW QTE AS TO 639.4-SPKS PY PO 1-27.17 TO 22 CPS \\ 778.7 5.0 MVW QTE AS TO 734.4 SPY PD 237.46-76 CP \\ S AT 771.2, 332-55 CPS AT 771.3, 36-50 CPS AT 771.3, 26.7 \\ 778.7 5.0 MVW QTE AS TO 761.4-STKS PY PO 1.2-7.17 TO 22 CPS \\ 778.7 5.0 MVW QTE AS TO 761.4-STKS PY PG 1.2-7.17 TO 22 CPS \\ 778.7 5.0 MVW QTE AS TO 761.4-STKS PY PG 237.46 TO 60 CPS \\ 778.7 5.0 MVW QTE AS TO 761.4-STKS PY PG 237.46 TO 60 PS \\ 778.7 5.0 MVW QTE AS TO 761.4-STKS PY PG 1.2-7.17 TO 70 \\ 782.9 0.8 QTE AS TO 761.4-STKS PO PY 13 70 \\ 792.6 0.9 WH QTE AS TO 761.4-STKS PC PY CP 2-3 \\ PERCENT \\ 792.6 0.9 WH QTE AS TO 761.4-STKS PC PY CP 2-3 \\ PERCENT \\ 70 \\ 70 \\ 70 \\ 70 \\ 70 \\ 70 \\ 70 \\ 7$		N 21 A						
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738-5 7.2 PLWW QTE AS TO 368.8-SPKS PY 118-9-26 CPS 739-2 0.7 NWW QTE AS TO 368.8-SPKS PY 127-864.00 CPS 740-8 1.6 NVW QTE AS TO 038.8-SPKS PY 127-864.00 CPS 750-0 5.2 UC GOUND CORE 739.7 3.7 MVW QTE AS TO 038.8-SPKS PY 12 754-4 0.3 NVW QTE AS TO 038.4-SPKS CP PY PO 7-88-42 TO 754-4 0.4 MVW QTE F6-MC-LIGHT GREY-GRANULAR-51 SERICIT E CHLORITE MICA-BNDU 6 INTERSTITIAL TO QTZ GRAINS-SPKS PY 12 TO 202 761-8 7.4 MVW QTE AS TO 754.4 761-8 7.4 MVW QTE AS TO 754.4 762-5 C.7 NVW QTE AS TO 754.4 763-6 1.4 MVW QTE AS TO 754.4 764-8 1.4 MVW QTE AS TO 754.4 762-5 C.7 NVW QTE AS TO 754.4 763-6 1.4 MV QTE AS TO 754.4 771.0 C.1 X.1 MAFICS 20-253-5FKS 768-2 5.7 MVW QTE AS TO 754.4 Y.1 769-5 1.6 MC CNS AS TO 754.4 Y.1 771.0 LC C.7 Y.2 <								
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	DEPTH L	ENGTH MNZN	ROCK DESCRIPTION ANG
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			2) 6 MORE SERICITIC DOWNHOLE-LOWER
			CT SHARP
	800.2	1.3	TE FG-GREY-25-30%-BNDS MICA CHLCRITE AT 70
			70-LOWER CT SHARP 70
	812.0	11.8	TE AS TO 761.8 WITH LOCAL QTZ VEINS-LES
			S MAFIC BNDS-FOTD 70 TO 6/ DCWNHOLE
	814.1	2.1	TE FG-GREY WITH NUMEROUS QTZ FELDSPAR
			POPHYRIES () OR CLASTS DECREASING
	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	IN & DOWNHOLE-FG DK GREY CHLORITE MI
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	814.9	6.8	TTE AS TO 761.8 WITH LOCAL VOLCANIC BNDS
	01747	V • 0	LOWER CT SHARP AT 70
	8 76 /	20 E	
······································	835.4	20.5	VOLC AS TO 197.5 WITH LOCAL CALCITE RICH
			ZONES (FG DIOPSIDE SKARN)-LOWER CT
	007 E	47 1	SHARP DIA METALAS TO (52 G-LOCAL OT? METALS DIG
	882.5	47.1	DIA META-AS TO 452.9-LOCAL GTZ VEINS,DIO
	Ac = -	r ~	PSIDE SKN
	887.5	5.0	ATSD FG-GREY GREEN-TREMOLITE ANTHOPHYLLIT
···· · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·	E ACTINOLITE MICA & MINOR FELCSPAR
			QTZ-25% DIOPSIDE SKARN BNOS
	893.0	5.5	SWKE META-AMPHIBOLITIC-FG-DARK GREEN-AMPH
			IBOLE 85-90%-BIOTITE 5-10%-SPKS PG
			PY CP 1%
	894.5		DTE AS TO 761-8
	895.0		SKN DIOPSIDE-AS TO 543.0
	899.7	4.7	ITE AS TO 761.8 WITH LOCAL QTZ VEINS & 70
			LESS MAFIC BNDS-38-46 CPS AT 897.0
	906.5		TE AS TO 782-1 70
	912.0	5.5	SWKE META-AS TU 689.7-911.6-1 INCH QTE 70
			BANC
· · · · · · · · · · · · · · · · · · ·	926.9	14.9	TE SIMILAR AS TO 754.4-FG-MG-LIGHT GREY TO
			TO WHITE-GRANULAR-OCCASIONAL GTZ GRI
			TS-NICA CHLORITE SERICITE 58-LOCAL
e en el composition de la composition d			LESS MAFIC BNDS-ZONES SPKS PY PO 18
	928.0	1.1	TE AS TO 926.9 BUT MAFICS 10-15%
	935.5		TE AS TO 926.9-SPKS PY PO 13 70
	942.7		TE AS TO 928.0-SPKS PY PO 12 70
	949.4		TE AS TO 926.9 BECOMING LESS NAFIC DOWN 70
	- · • • •	-	HOLE MORE SERICITIC DOWNHOLE-LOWER
			CT SHARP AT 70-SPKS PY PD 12
	954.5	5.1	TE AS TO 928-0-LOWER CT SHARF-SPKS PY 70
		~	PO 1%
	955.0	0.5	TE PEBBLY-AS TU 638-8-SPKS PY PC 3-4% 70
····			22-28 CPS
	957.5	2.5	TE AS TO 928.0-SPKS PY 12 70
			WKE META-AS TO 689.7-LOCAL GARNETS-AMPHI
			BOLE RICH ZONES-QTZ VEINS PETA-ARKUS
			E BNDS AS TO 537.4-FOTO 70 AT 568.2,
			•
	······································		60 AT 971.0,75 AT 979.0
			979.3-979.6-CG AMPHIBOLE BIOTITE RIC
	AA7 -		H ZONE
	987.3		TE AS TO 926-9-FOTD 70-80-SPKS PY 1% 80
	988.4	1-1	ITE FG-GREY-NUMEROUS (15-20%) MICA CHLOR

والمحمورة المحمود المروق والمحمولية والمحمول والمحمول والمحمول والمحمول والمحمول والمحمول

جمعتيمو بسبب استر

	DEPTH	LENGTH MNZN	DESCRIPTION ANG	
			TE BNDS-WELL FOTD-LOCAL BCUDINAGED TZ VEIN (ELONGATED PEBBLE)	
	988.9	0.5	AS TO 754.4	
	989.8		AS TO 988.4 70	
	1000.5		AS TO 761.8-MINOR BND FUCHSITE-LOCAL 80	
			RREGULAR DEPOSTIONAL CTS-SPKS PY	
			0 1%	
	1001.2	C.7	QTZ-CALCITE-FG-MG-GREY-IRREGULAR INT	
			RENADED UNDULATING DEPOSITIONAL DK	
			REEN BLACK MICA CHLORITE ENCS & STR	
			-SHARP CTS	
	1001.4	C.2	AS TO 761.8	
	1002.0	0.6	AS TO 754.4	
	1007.8	5+8	AS TO 761.8-SPKS PY 1% 80	
· · · · · · · · · · · · · · · · · · ·	1008.9	1.1	META-AS TO 689.7-LOWER CT SHARP AT 80	
			O-WEAKLY FOTD-SPKS PY 1%	
	1011.0	2.1	AS TO 761.8-SPKS PY 1% 80	
	1011.6	C -6	FG-GREY-MICA CHLORITE 25-307-WEAKLY	
			OTD-SPKS PY PO 1%	
	1013.0		AS TO 782.1 80	
· · · · · · · · · · · · · · · · · · ·	1013.6		AS TO 1011.6 80	
	1017.0		AS TO 949.4	
	1017.7		AS TO 928.0	
e e e e e e e e e e e e e e e e e e e	1019.3		AS TO 761.8	
	1019.8		AS TO 754.4	
	1020.4		AS TO 1011.6	
	1020.9		AS TO 782.1	
	1021.2		AS TO 1011.6	
	1021-6		AS TO 782.1	
	1021.9		AS TO 1011.6	
	1023.2		AS TO 761.8	
	1025.1		META-AS TO 689.2 70	
	1028.1	3.0	ARKOSE -FG-DK GREY-5-10% CTZ FELDSPA	
			PORPHYRIES-POURLY DEVELOPED (0.1	
			NCHES)-LOCAL QTZ RICH BNDS (CTE)	
			ITH FIBROUS AMPHIBOLE-SINILAR AS TO	
		<i></i>	75.7 OF BH 55317-LOWER CT SHARP	
	1028.4		AS TO 928.0-LOWER CT SHARP 55	
	1036.1	7.7	META-AS TO 689.7-LOCAL AMPHIBOLE RIC 65	
			BNDS (TREMOLITE-ACTINOLITE) & BIOT	
			TE RICH BNDS	
	1037.4		AS TO 926.9	
	1038.0		VEIN-WHITE-MASSIVE	
	1038.3	0.3	AS TO 928.0	
· · · · · · · · · · · · · · ·	1038.8	0.5	<u>AS TO 754.4</u>	and the second
	1040.7	1.9	AS TE 926.9	
	1041.9	1.2	AS TO 1028.1	
	1045.7	3.8	PORPHYRITIC-LIGHT GREY-QTZ FELDSPAR	
			ORPHYRIES (50%) UP TO 0.2 INCHES IN	
			G DK GREY QTZ FELDSPAR MICA MATRIX	
		• *	PKS PY PO 18	
	1047-1	1.4	AS TO 1028.1	
	1056.6	9.5	META-NETA-ARKOSE-AS TO 537.4 BUT LOC 70	
	1067 0		L GARNET BNDS-STRONGLY FOTC	a na serie de la companya de la comp
	1057.9	1.3	AS TO 1028-1	

	DEPTH LI	ENGTH MNZN	LOCK DESCRIPTION AI	NG
	1058.6	0.7	NDCT AS TO 1045.7	
and the second	1059.4	0.8	NDCT AS TO 1028.1	
	1060.4		TZ VEIN-WHITE MASSIVE-IRREGULAR CTS	
	1061.5	1.1	NOCT AS TO 1028.1	
	1062.0	C.5	TE FG-DK GREY-5% MICA CHLORITE-WEAKLY	70
		~~~	FOTD-SHARP CTS	
	1062.3	0.3	IDCT AS TO 1028.1	na internetien in
	1062.6	0.3	TE AS TO 1062.0	
	1062.7			
· ·····		0.1	NDCT AS TO 1028.1	
	1062.9	0.2	TE AS TO 1062.0	7.0
	1064.5	1.6		70
	1065.5	1.0	UDCT AS TO 1028.1-GRADES INTO FELLOWING	
	1069.0	3.5	COT AS TO 1045.7 BUT PORPHYRIES 35-40%	70
	1409+0	202	WEAKLY FOTD	
	1069.6	0-6	RDCT AS TO 1028.1	
	1071.7		TE AS TO 761.8	
	1072.1	0.4	TE AS TO 754.4	
	1072.6	0.5	ADCT AS TO 1028-1	
				70
	1080-1	7.5	TE PURE-WHITE-SLIGHTLY YELLOW-SERICITIC T	
			WITH LOCAL BNDS (BEDS)-MAFICS 10-15%	
	1001 0	•	BIOTITE CHLORITE-BEDDED	
	1081.9		DCT AS TO 1028.1	
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			70
	1102.4	1.6		70
	1105.0		ITE AS TO 754.4	
· · · · · · · · · · · · · · · · · · ·	1106 . 2		TE AS TO 761.8	
	1114.7	8.5	WKE META-NETA-ARKOSE-AS TO 537.4-LOCAL ZONES DIOPSIDE SKARN	70
en en anna an	1116.1	1.4	TE AS TO 1062.0	
	1119.0		WKE META-AS TO 689.7	
	1121.5		WKE META-AS TO 537.8-50% DIOPSIDE SKARN	
			LOCAL ZONES FINER GRAINED-MT CUBES	
			3-4%	
	1122.6	1.1	RK META-FG GREY-MINOR TREMOLITE	
	1125.9		WKE META-AS TO 689.7-15-20% DIOPSIDE SKN	
	1128.3	2.4	WKE AS TO 537.8-50% DIOPSIDE SKARN	
			1126.4-1127.4-MT 10-12% STRONGLY MAG	
			NETIC-(LAMINATED CONTORTED ZONE-POSS	
			IBLE SLUMPING OR FLOW FEATURE)	
	1151.2	22.9	TE AS TO 754.4 WITH BEDS AS TO 1080.1 & 7	70
	******	LL# 7	BANDS (BEDS) 25-30% AS TO 761.8	
	1153.2	2.0	TE AS TO 928.0	
		2.0		
	1154.1		TZ VEIN-WHITE-MASSIVE	
	1155.7		TE AS TO 928.0	· · · · · · · · · · · · · · · · · · ·
	1162-3	6.6	TE AS TO 782.1 BECOMING LESS MAFIC COWN	
	1120 0		HOLE	
	1163.7		TE AS TO 928.0	
	1164.8		WKE META-AS TO 893.0	
	1166.6		DCT AS TO 1045.7	
	1169.5		C GROUND CORE	
	1170.8	1.3	WKE META-META-ARKOSE-TREMOLITE ANTHOPHYL &	5 <b>0</b>
	1174.1	3.3	LITE RICH ZONES DCT AS TO 1045.7 E	50
An		er er an werden werden werden er an er an er		S N Norman (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997) (1997
	1176.2	2.1	WKE META-AS TO 893/0	

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	1177.9 1178.3	1.7	R DCT GWKE RDCT T	AS TO 1028.1 META-AS TO 893.0 <u>AS TO 1028.1-PURPHYRIES INCREASING</u> TO 10-15% TO 1186.1 & DECREASING TO	ANG 80	
	1188.0 1190.2		GWKE ARK	END OF UNIT META-AS TO 893.0 META-SIMILAR AS TO 1122.6 & SIMILAR AS TO 1028.1 BUT NON-PORPHYRITIC & INIFORM THROUGHOUT	80	And the second sec
	1191.0	C•8	GWKE S G T 2		8G	
	· · · · · · · · ·					
; ;		· · · · · · · · · · · ·		·····		
				8	CREHOLE# 55322-0 SAKAMI PROJECT PAGE#16	

k		BOREHOLE RECORD ******	DATE PROCESSED APR 01,1974
		# ANOM# DEPTH AZIMUTH DIP LATITUCE DEPARTURE	CHKID
	55323-0 SAKAMI PROJECT 33F 2W	700 180 00 -45 00 S 65C W 12400 ***********************************	CATE
		INCLINATION AND TROPARI TESTS	
	DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP (	EPTH AZINUTH DIP DEPTH AZIMUTH DIP DEPTH AZIMUT	TH CIP
Ì	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	300 -24 00 400 -23 00 500	-19 00
• • • • •	*****	*****	
	TOPS OF WEDGES		* * * * * * * * * * * * * * * * * * * *
		*********	* # # # # # # # # # # # # # # # # # # #
			COMMENTS
	LOGGED BYDEBICKI E J STARTEDJULY (	4,1973 COMPLETEDJULY 12,1973 DRILLED INSPIRATIO	
1			& CASING SHOE 70715 LEFT IN HOLE
i i	***************************************		* * * * * * * * * * * * * * * * * * * *
		SAMPLE ENTRIES	
4		MNZN ROCK DESCRIPTION ANG	a second and a second
Î	26.0 26.0		
		TO 28.0-START OF CORE	
	31.5 5.5		
		MAFIC VOLCANIC BNDS-FG-DK GREEN-AMPH	
		IBOLE 75%-LOCAL BNDS (BEDS) BIGTITE	
		UP TO 15-20% (META-ARGILLITE)-MINOR	
		FELDSPAR CHLORITE-LOCAL QTZ CALCITE	
		RICH VEINS-WEAKLY FOTD WITH UNDULATI	
		NG DEPOSITIONAL BANDING (CCMFDSITION	
		VARIATIONS OF BEDDING WITH SHARP TO	
	a na analas ana ang ang ang ang ang ang ang ang ang	GRADATIONAL CTS) & MINOR X-BEDDING-	and a second
	31.9 0.4	SPKS PY 1%	
l		VOLC ANDESITE-BASALT-FG TO VFG-DK GREEN- 45 Amphibolitic-minor feldspar Nica-Wea	
		KLY FOTD-CTS SHARP AT 45-SFKS PY 1%	
	34.5 2.6		
	34.9 0.4	•	
	35.9 1.0		
	36.3 0.4		
	37.7 1.4		
		GRAINED WITH MICA EYES UP TO C.1 INC	
1	43 / C 3	H ELONGATED IN PLANES OF FETN	
	47.2 3.8 48.6 1.4		
ţ.	50.3 1.7		
	51.1 0.8	GWKE META-AS TO 37.7 45	· · · · · · · · · · · · · · · · · · ·
l I	51.4 0.3	GWKE NETA-AS TO 31.5 45	
	51.8 0.4		
	52.4 0.6		
	53.4 1.0		
<u> </u> .	57.9 4.5	GWKE META-AS TO 31.5 45	
	58.2 0.3		
	59.6 1.4		
	61.5 1.9		an a
		FELDSPAR 40%-LOCAL QTZ CALCITE VEINS	

	DEPTH	LENGTH MNZN	ROCK DESCRIPTION	ANG
	61.9	0.4	VOLC AS TO 31.9	
	67.8	5.9		
<u> </u>	0100	2.9	DIA META-AS TO 61.5 BECOMING COARSER GRA	
	68.4	0.6	INED DOWNHOLE GWKE META-AS TO 31.5-FUTD 60 AT 67.9 & 30 AT 68.2-CTS SHARP	
	72.2	3.8	DIA META-AS TO 61.5	
	72.6	0.4	GWKE META-AS TO 31.5	45
	74.9	2.3	DIA META-AS TO 51.5 BECOMING FINER GRAIN	• -
in management of the second seco	1707	<u> </u>	ED DOWNHOLE	and the second secon
	75.2	0.3	VOLC AS TO 31.9	
	76.4	1.2	GWKE META-AS TO 31.5-MINOR BIGTITE RICH	55
	10.44	1 • 4	BEDS AT 55	
	80.1	3.7	VOLC AS TO 31.9-LOWER OT SHARP-LCCAL SMAL	
i	00.1	J• 1	L FAULTS WITH DISPLACEMENT LESS THAN	
	1	· · · · · · · · · · · · · · · · · · ·	0.5 INCHES	······································
	83.0	2.9	GWKE META-AS TO 31.5	50
	83.3	0.3	VOLC AS TO 31.9	50
	84.9	1.6	GWKE META-AS TO 31.5	
	88.7	3.8	DIA META-AS TO 51.5 DIA META-AS TO 61.5-LOWER CT IRREGULAR-	
	00+1	200	1 INCH KNOBBY PROJECTION OF METADIAB	
			ASE INTO FOLLOWING UNIT	
	90.1	1.4		
	93.7	3.6	VOLC AS TO 31.9-UNDULATING FLOW FOTD	
and the second	the second se	and the second	DIA META-AS TO 61.5	45
	94.4	0.7	GWKE META-AS TO 31.5	43
	110.6	16.2	DIA META-AS TO 61.5-LOCAL METAGWKE BANDS	
	115.7	5.1	VOLC AS TO 31.9 WITH LOCAL COARSER GRAINE	
	124.7	5.0	D ZCNES GWKE META-AS TO 31.5 WITH MINOR BNDS CALC	16
	16401	3.0		
and the second			ITE (SKARN ) UP TO 1 INCH PARALLEL	
	128.0	3.3	TO FOIN & SHARP CIS SKN LIGHT GREY-FG-MG-75% CALCITE-MINOR	
	120.0		DIOPSIDE QTZ WITH METAGWKE BANDS	
	129.3	1.3	GWKE META-AS TO 31.5 WITH 50% CALCITE BAN	
	16703	10.3	DS (SKARN )	
	132.2	2.9	GWKE META-AS TO 35.1 WITH NUMEROUS RICH	40
		<b>5</b> . <b>7</b>	BANDS (META-ARGILLITE)	Next of the second s
	132.7	C.5	GWKE META-AS TO 129.3	
	140.7	8.0	GWKE META-AS TO 31.5-SPKS PY CF 1% AT 13	60
			8.9	
	140.9	0.2	MTSD MG-CG-GREY BROWN-TREMOLITE ANTHOPHYL	
		•••	LITE MICA RICH-MINOR GTZ FELDSPAR-CT	
			S SHARP	
	141.2	6.3	GWKE META-AS TO 34.5	
	143.3		AMPH POSSIBLE ALTERED UM-VCG-GREEN-FIBROU	
· · · · · · · · · · · · · · · · · · ·	TATA	LOL NYM	S UNALIGNED AMPHIBULE 1004-SFKS PY	· · · · · · · · · · · · · · · · · · ·
			18-MT 18	
	144.0	0.7 MVVH	AMPH SIMILAR AS TO 143.3 BUT WITH 50% BLA	
		ಕ.ಶ. ಕ ಬಿ.ಮಕ್ಕು ಕ.ಕ.	CK HORNBLENDE (AFTER PYRCXENE )-THO	
			TYPES AMPHIBOLE-SPKS PY 11	
	144.2	0.2 MVVW	AMPH AS TO 143.3-SPKS PY 1%	
	144.5		MTSD AS TO 140.9 BUT PALE GREEN (MINOR AC	60
			TINOLITE)-SPKS PO 4-5%	
	145.9	1.4 MVW	ARK META-FG MG-GREY BROWN-MICA CHLORITE	60
a a canada a	an a	การระการการการสมมัย และสังการระการสืบให้สมัย และการ	RICH-SPKS STRS PO PY CP 7-8%-LOWER	ан <mark>да</mark> найн хамаан налагаан налагаан балан ал тоороон ал тоороон балагаан балагаан балагаан балагаан балагаан бал
			Ar	REHOLE# 55323-0 SAKANI PROJECT PAGE# 2
New				INCOLOR AAVEA V VAIMANT FRUVELI FAVER 4

D	DEPTH LEN	GTH MNZN		ANG
	149.0	3.1 MVVW	CT SHARP AT 60 GHKE AS TO 31.5-LOCAL DIOPSIDE SKARN BNDS	60
· · · · · · · · · · · · · · · · · · ·	149.3	0.3	SPKS PY 1% SKN DIOPSIDE-CG-PALE GREEN-DIOPSIDE CALC	
	150.3	1.0	ITE RICH-MINOR QTZ GWKE META-AS TO 31.5-LOWER CT SHARP AT 60	<b>6</b> 0
	1 - M - M - M - M - M - M - M - M - M -	0.7	MTSD AS TO 140.9	60
		3.8	MTSD AS TO 140.9 BUT FINE GRAINED & LESS MICACEOUS-FUTD 60-70	
,	155.2	0.4	MTSD AS TO 140.9 BUT FINER GRAINED	65
		0.3	MTSD AS TO 144.5	
		0.5	MTSD AS TO 155.2	65
		0.2	MTSD AS TO 155.5	
		0.3	MTSD AS TO 155.2	
		1.0	MTSD AS TO 155.5	65
		1.3	VOLC AS TO 31.9-WEAKLY FOTO	60
		2.4	NTSD AS TO 154.8	
		1.1	MTSD AS TO 155.2	
		5.4	ARK META-FG-GREY-WEAKLY FOTD-NINCR MICA TREMOLITE NEEDLES-LOCAL MINOR AMPHIB	60
			OLE ZONES-SPKS PY 1%	
		0.5	MTSD AS TO 155.2	60
		3.0	ARK META-AS TO 167.7	60
la de la companya de	174.1	2.9	MTSD FG-MG-PALE GREEN GREY-TREMCLITE ACTI	60
			NOLITE MICA RICH-VERY WEAKLY FOTO	
		1.3	ARK META-AS TO 167.7	60
		1.9	MTSD AS TO 155.5	60
		1.0	MTSD AS TO 155.2	
a and a second and a second	183.9	5.6 NVVW	GWKE META-AS TO 132.2-STRONGLY FCTD (BAND ED)-SPKS PY 1%	60
	185.7	1.8 MVW	AMPH SIMILAR AS TO 144.0 WITH ZONES AS TO 143.3 & MICACEOUS RICH BNDS-SPKS PO CP PY 2-3%-FOTO 35-40	40
	190.6	4.9	UM FG MG-ALTERED PERIDOTITE -LIGHT GREY MASSIVE TALCOSE-MINOR CARBONATE-MT	
	191.5	0.9	2-3% AMPH SIMILAR AS TO 143.3 BUT VARYING AMOU NTS BIGTITE AS CLOTS & BNDS UP TO FOR MASSIVE TO HELL FOTO	45
	197.2	5.7	50%-MASSIVE TO WELL FCTD ARK META-NICALEOUS-FG-MEDIUM GREY-MASS	
		0.9	AMPH AS TO 191.5-FOTD 30-40	
		1.3	AMPH AS TO 144.0-20% MICA BNDS & LESS BLA CK HORNEBLENDE	55
	200.6	1.2	AMPH AS TO 191.5	
		0.6	AMPH AS TO 191.5 AMPH SINILAR AS TO 145.3	
		1.8	AMPH AS TO 191.5	45
		2.1	AMPH AS TO 191.5 BUT MICA 75% INCREASING	12
		•• ₹ &	TO 100%-FOTD 50-65 DOWNHOLE	
	207.8	2.7	AMPH AS TO 191.5	
		4.4	AMPH AS TO 143.3-MT 1%	
		0.9 MVW	AMPH VFG-GREEN-AMPHIBOLE RICH (ALTERATION	
	<u></u>		ZONE)-CALCITE VEINS-SPKS PC 12-MT 1- 28	
	216.8	3.7	ANPH AS TO 143.3-ZONES MT 2-3%	
		1.2	GWKE META-AS TO 31.5	50

	DEPTH L	ENGTH MNZN	ROCK	DESCRIPTION	ANG
	219.5	1.5	AMPH AS	TO 191.5	50
	220.0	0.5	AMPH AS	TO 213.1-MT 3-4%	
<u></u>	221.6	1.6	UM AS	10 190.6-MT 1-2%	
	224.7	3.1	DIA META	A-AS TO 61.5	40
	226.0	1.3	GWKE MET	A-AS TO 31.5	40
	226.4	0.4	AMPH AS	10 144.0	
	232.0	5.6	ANPH AS	TO 143.3-FOTD-ZONES MT 1-28	45
	232.8	0.8	AMPH AS	TO 144.0 BUT 10-15% BLACK HORNBLE	
		··· ·····	NDE		
• •	233.3	0.5	GWKE META	A-AS TU 31.5	50
	233.4	6.1	AMPH AS	FC 144.0	
	233 - 8	0.4	AMPH AS	10 191.5	
	235.7	1.9	AMPH AS	TO 143.3-MT 1-2%-WEAKLY FETD	50
	237.0	1.3	GWKE MET	A-AS TO 35.1	
·	244.6	7.6	AMPH AS	TO 143.3-ZONES AS TO 213.1-MT 1-	
			2%		
	245.2	0.6		TO 190.6-MT 1-2%-SPKS PO 1%	
	246 . 4	1.2		TO 143.3-MT 1-28-SPKS PO 18-NUME	
	n na na ser	en en averañ "en en	And a second second second second second	CALCITE CLOTS-LOWER CT UNDULATI	· ··· · · · · · · · · · · · · · · · ·
				FLOW )	
	256.7	10.3		LLAR AS TO 143.3 BUT DARKER GREEN	
	· · · · · · · · · · · · · · · · · · ·			LOCAL CALCITE CLOST (SKARN )	nan kanan ara ara ana ana ana ana ana ana ana
	257.4	C.7	AMPH AS		50
	271.4	14.0		DLITE-PORPHYRITIC-LIGHT BUFF YELL	
· · · · · · · · · · · · · · ·	n en en an antigen à competencia de la	n in the state of		REY-QTZ FELDSPAR PORPHYRIES (30-	
				UP TO 0.3 INCHES-FG-DARKER GREY	
				ELDSPAR MICA CHLORITE MATRIX-	
				SITIONAL BANDING WITH DK GREY	
				ACK MICA CHLORITE PARALLEL ENDS	
				Y FOTD-SPKS PY 1%	
	272.6	1.2		TO 144.0-10-15% BLACK FORNBLENDE	
				KER GREEN	
	272.9	0.3		A-AS TO 31.5	
	273.4	0.5		TO 144.0 BUT BLACK HERNELENDES	45
				ER-WEAKLY FOTD	
	273.8	0.4	AMPH AS T	10 272.6	
	274.9	1.1	AMPH CG-C	K GREEN-AMPH FIBRES 100%-SPKS PO	
				1-23-274.0-2 INCH CALCITE VEIN	
	277.5	2.6		-AS TO 31.5-DIABASE AFPEARANCE	
				PY 1%	
	277 -8	0.3		REEN BROWN-ACTINOLITE & MICA RIC	
				L DEVELOPED BLACK HORNBLENDE-SI	
				R AS TO 144.0	
	279.1	1.9 MVVW	GWKE META	-AS TO 31.5-LOCAL BNDS AS TO 140	60
				PKS PY 18	
	280.9	1.2 MVW		-AS TU 279.7-PO 1-28-FY CP SPKS	
			1 %		
han an a	282.4	1.5 MVW	AMPH MTS	-VFG-DK GREEN-UNDULATING CONTORT	
				TN-SPKS STRS PO 5-6% SPKS CP 1	
			8-10	TO 12% FINELY LAMINATED CONTORT	
			<u>ED 81</u>	IDS MT-STRONGLY MAGNETIC-GRAPHIT	
			E 2-3		
	283.0	0.6 MVVH	AMPH MG-L	K GREEN-50% AMPH NEEDLES-50% INT	
na n	والمراجع والمراجع والمعاولة فالعام والمراجع والمراجع		ERSTI	TIAL BIOTITE-SPKS PO 1	
1	287.4	4.4 MVVW		-AS TO 279.7-SPKS PY 1%	60
1					
<u></u>				6	CREHOLE # 55323-0 SAKANI PROJECT PAGE # 4

			ROCK DESCRIPTION ANG
	294.0	6.6	GWKE AS TO 279.7-FOTD 65-75 DOWNHOLE
	296.0	2.0	MTSD AS TO 140.9-BUT BNDD WITH NICACEOUS 70 BANES
	296.7	C+7	GWKE META-AS TO 279.7
	298.1		AMPH AS TO 143.3-NT 1%
a the second	299.0	C.9 MVW	ANPH AS TO 213.1-PO 1-2%
	300.3		AMPH AS TO 143.3-WEAKLY FOTD-MT 18 65
	300.5	0.2 MVVW	AMPH AS TO 213.1
· · · · · · · · · · · · · · · · · · ·	302.1	1.6	GWKE META-AS TO 31.5 WEAKLY FOTE 65
	302.9	0.8	AMPH AS TO 213.1-GRADES INTO FELLOWEIN UN IT
	317.1	14.2	UM AS TO 190.6-MT 2-3%
	332.1	15.0	UM AS TO 190.6 BUT PALE GREY GREEN (SLL Y AMPHIBOLITIC AS TO 143.3 BUT FG)-W EAKLY MAGNETIC ZUNES MT 1%
	342.0	9.9	UM AS TO 332.1
	342.5	0.5	UM AS TO 332.1-50% BIOTITE BNDS-WELL FO 80 TD-FLOW ( ) CONTURTED-MINOF CTZ VEIN
			ING
	348-4	5.9	UN AS TO 332.1-MT 18-LOWER CT SHARP 60
	350.8	2.4	QTE FG-GREY BROWN-BEDDED-25-3C% MICA-MIN
	390.0	<u> </u>	OR CHLORITE PARALLEL BNDS 30-35 TO
			55 DEGREES DOWNHOLE-LOCAL 1 INCH MET
	3E3 3		AGWKE BND 351.8
	353•3	2.5	QTE FG-GREY-GRANULAR-OCCASIONAL QTZ GRIT S-CHLORITE 5-10%-351.8-1 INCH METAGW KE BND AS TO 35.1
	353.8	C.5	GWKE META-AS TO 31.5
	359.4	5.6	AMPH AS TO 144.0
	359.8	0.4	QTE FG GREY BROWN WITH 50% MICA MAINLY 60
The second second second second second second second second second second second second second second second second second second second second second second seco second second sec	(1) การการการการการการการการการการการการการก	1. Alter a star Mar Million Free Annalasce and a star a	AS BNDS
	360.1	0.3	QTE AS TO 353.8-WEAKLY FOTD-LEWER CT SHA 60 RP
	367.0	6.9	GWKE META-AS TO 31.5-WEAKLY FCTD 5C AT 36
	~~! ~ V	~ * /	1.0,20 AT 366.0-LOWER CT SHARP 30
	381.7	14.7	QTE AS TO 353.3-LOCAL BIOTITIC BNDS 6 MI
	· · · · · · · · · · · · · · · · · · ·	• • • • • • • • • • • • • • • • • • •	NOR CHLCRITE RICH BNDS-SEVERAL BEDS
			WITH SHARP UNDULATING DEPOSITION CTS
	382.3	0.6	GWKE META-AS TO 31.5-LOCAL DIOFSIDE SKN 80
	387.7		AMPH AS TO 143.3-LESS GREEN-MORE TALCOSE
	201+1	AAAL LAC	DOWNHOLE-MT 1%
	206 2	7.5	UM AS TO 190.6-TREMOLITE SUNS-NT CUBES
	395-2	1.2	
	398.3	3.1 MVVW	2-38 Amph as to 143.3 Interbanded up as to 190
		· · · · · · · · · · · · · · · · · · ·	<u>.6-SPKS PU 1-2% NT 1-2%</u>
	398-8		AMPH AS TO 213.1-MT CUBES 3-4%
	416.4	17.6	QTE FG-GREY-BNDD (BEDDED)-MICA CHLORITE- 70
			LESS MAFIC BNDS-NUMEROUS BECS-MICA Chlorite Fotn Planes-11 to 20 cps
	416.9		GWKE META-AS TO 31.5-SHARP CTS
	419.1	2.2	QTE AS TO 350-8-LOCAL DIOPSIDE SKN-LOWER
			CT SHARP 60
	421.3	2.2	SKN DIOPSIDE-AS TO 149.3
1997 - Maria Mandres Maria Mandres and an anno 1999 - Sana anno 1999 - Anno 1997 - Anno 1997 - Anno 1997 - Anno	423.8		UN AS TO 190.6-MT 1-2%
	426.1	2.3	AMPH AS TO 143.3-LOWER CT SHARP 50

	DEPTH	LENGTH	MNZN	I ROCK	K DESCRIPTION ANG
	426.6	6 0.5	5 MVVW	N QTE	AS TO 350.8-SPKS PY 18-17-22 CPS
	430.2			N QTE	AS TO 416.4-LOCAL PINK QTZ FELDSPAR 60 STRS-WEAKLY FOTD-SPKS PY 1%
	430.8			N QTE	FG GREY BROWN-35-40% EIGTITE-WEAKLY 60 Fotd-SPKS py 1%
·····	431.0	0.2	MVVW	N QTE	FG-DK GREY BROWN-CHLORITE MICA 25-3C 8-BUFF GREY RHYULITIC IRREGULAR CLOT S (GTZ FELDSPAR VEINING )-SPKS PY 1 8-22-40 CPS
	432.1	1.1	MVVW	W GWKE	E META-AS TO 31.5-35-40% BICTITE-LOCAL 70 QTE BNDS (AS TO 353.3) SPKS FY 1% 42-61 CPS
	435.9	3.8		QTE	INTERBANDED QTE (25%) AS TO 353.3 (17-23 CPS) & QTE (10-15%) AS TO 430 .8 (24-31 CPS) & METAGWKE BNDS AS TO
					432.1 (38-48 CPS)-FOTD 60-70-SPKS PY 1%
	436.5				E AS TO 432.1-SPKS PY 18-56-74 CPS 60
	438.1				AS TO 353.3-SPKS PY 18-22-30 CPS
	438.6	U e J	MVVn		E META-AS TO 432.1 SPKS PY 11-LOWER 30 CT SHARP-BIOTITE RICH-78-11C CPS
	438.9	. 0.3	MVVW		AS TO 353.3-SPKS PY 18-48-56 CPS
	439.7				E AS TO 432.1-SPKS PY 1%-LCWER CT SHA 60
	· · ·		••••		RP AT 60-72 TO 80 CPS AT 438.9, 135
					TO 145 CPS AT 439.3 & 52-6C CPS AT 439.6
	440.1			QTE	AS TO 353.3-SPKS PY 18-46-56 CPS
	442.0	1.9	MVVW		E META-AS TU 432.1-SPKS PY 1%-WEAKLY 60 FOTD-105-120 CPS AT 440.2 6 82-90 CP S AT 441.8
	444 • 9	2.9	MVW	RECT	T RHYOLITE-PURPHYRITIC-AS TE 271.4-WEA 70 KLY FOTD-LOWER CT SHARP 70-SFKS PY 2-3%
	450.0	5.1	MVVW		AS TO 416.4-SPKS PY 18-7-15 CPS 70
	454.7	4.7	1	QTE	AS TO 416.4-FOTD 60-70
······································	454.9	0.2		QTZ	VEIN-WHITE MASSIVE
	457.0	2.1		1	D FG-DK BROWN-60 TO 70% BIOTITE-CLOTS QTE-LOCAL GARNETS-LOWER CT SHARP
	459.4			QTE	AS TO 416.4 70
	461.3	-			AS TO 350.8-FINELY BEDDEC-LANINATEC 65
	462.1				AS TO 353.3-CHLORITIC
	464 • 1				E META-MG-PALE GREEN GREY-5C% CHLORITE 65 25% MICA-ELONGATED QTZ MASSES (EYES) & BNDS UP TO 0.2 INCHES-WELL FCTD
	466.4	2.3		ł	<u>E META-MG-DK BROWN BLACK-BICTITE 50% 65</u> Chlgrite 25%-minor QTZ-Finely Bedded LAMINATED
	467.9			GWKE	E FG-PALE GREEN-CHLORITE RICH-MICA 10- 65 15%-FINELY BEDDED TO LAMINATED
	468.2				E META-AS TU 466.4
	469.8				E META-AS TO 467.9 65
	470.2				E META-AS TO 466.4 65
· · · · · · · · · · · · · · · · · · ·	470.8	0.6			FG-GREY TO PALE GREEN-FINELY LAMINAT 65 ED-MICA & CHLORITE (5%) FOIN PLANES- LESS MAFIC BNDS-MAFIC CONTENT DECREA

	DEPTH L	ENGTH MNZN		ANG
			STNG DOWNHOLE	
	471.3	0.5	QTE AS TO 461.3	<b>6</b> 5
	471.7	0.4	SKN AS TO 149.6-MINUR CALCITE	
	472.6	0.9	QTE AS TO 416.4-FINELY LAMINATEC-BEDDE	U 65
	474.3	1.7	QTE AS TO 353.3	* ^
a second a second s	475.0	0.7	QTE AS TO 416.4-SPKS PY 18	. <b>50</b>
	475.2	0.2	QTE AS TO 353.3	
	476.1	0.9	SKN AS TO 149.6-30-35% QTE BNDS	
	477.4	1.3	QTE AS TO 353.3	
	477.7	0.3	QTZ VEIN-TRANSLUCENT-25% MAFIC INCLUSIO S THROUGHOUT	
	477.9	0.2	QTE AS TO 470.8	70
	478.4	0.5	QTE AS TO 461.3-SPKS PO PY 1	60
	479.6	1.2	QTE AS TO 353.3	
and a constant constant and a second	483.0	3.4 MVVW	QTE AS TO 461.3-SPKS PY 18-BEDS & LAM	<u>IN 65</u>
			ATIONS INTERBANDED METAGWKE	
	484 - 0	1.0 MVW	GWKE META-FG-DK BROWN GREEN-FINELY LAMI	NA 65
			TED (VARIABILITY OF COMPOSITION)-CH	
			ORITE MICA RICH-SPKS FLAKES GALENA	
			1-2% & SPHALERITE 2-3% ALCNG FOTN PI	
			ANES	
	485.5	1.5 MVVW	QTE AS TO 472.6-SPKS PY 1%	70
	486 . 7	1.2	QTE AS TO 461.3	70
	486 . 8	0.1	GWKE META-AS TO 31.5	70
	487.8	1.0	GWKE NETA-AS TO 466.4-LOCAL SMALL GARNET	and the second
	488.1	0.3	QTE FG-GREY-5-10% PARALLEL CHLOFITE BIG	
		•••	ITE STRS-5-10% CALCITE	
			488.0-488.1-50% MICA CHLORITE BANDS	
			(BLACK BROWN)	
	489.0	0.9	QTE AS TO 353.1-2-3% CALCITE STRS	
n a definition of the second	490.4	1.4	QTE AS TO 472.6-490.3 TO 490.4-MASSIVE	70
			BIOTITE CHLORITE GARNET BAND	
	492.4	2.0	SKN MG-WHITE-CRYSTALLINE-75 TC 8C% CAL	
		· · · · · · · · · · · · · · · · · · ·	TE-STRS CLOTS MICA CHLORITE-MINOR D	
			OPSIDE	•
	492.6	0.2	SKN AS TO 149.6-SHARP CTS	
n mananan manan sana ana ang kanana na kanana na kanana na kananang kananang kananana kanana kanana kanana kana	495.1	2.5	QTE AS TO 416.4-FINELY BEDDED-LAMINATE	D <b>6</b> 0
			LOCAL INTERBANDS METAGWKE	
	496.0	0.9	GWKE META-AS TO 466.4	60
	498.6	2.6	QTE AS TO 416.4	60
	500.1	1.5	SKN AS TO 149.6	
	501.8	1.7	ARK META-AS TO 197.2-MINOR TREMCLITE NO	EE 60
	ಕಾರ್ಯಕಾರ್ ಕೇರ್	ಯಾಹಂಗಾ ₹	DLES-1 INCH METAGWKE AT 500.9,501.4	
			501.7-LOCAL CALCITE STRS	
	502.3	0.5	QTE AS TO 353.3-LOCAL METAGWKE BNDS	
······································	502.7	0.4	GWKE META-FG-MG-DK GREY GREEN-CHLCRITE	41 60
	- V & # 1	***	CA 50%-QTZ FELDSPAR 50%	
	502.9	0.2	QTE AS TO 353+3	
	503.1	0.2	SKN AS TO 149.6	
	504.4	1.3	GWKE META-AS TO 467.9-NOT WELL BEDDEC-CO	4د
	AVTET	* = ~	RSER GRAINED-LOCAL SKN BNCS	
	505.4	1.0	QTE AS TO 416.4-LOCAL SKN BNDS	
	505.7	0.3	GWE META-AS TO 502.7-LOCAL QTE ENDS & (	^ A 60
	202+1	U • 0	GWRE META-AS TO SUZ. T-LUCAL WIE ENUS & C LCITE STRS	
anna a sa anna an saona an sa An	506.2	0.5	QTE AS TO 353.3-CALCITE STRS	
,	2000	0.00	MIE WO IN BADID-CHENTLE DINO	

		LENGTH MNZN	/ -	DESCRIPTION ANG	
	506.3	0.1	GWKE	META-AS TO 502.7	
	507.6	1.3		AS TO 416.4-1 INCH GTZ VEIN AT 506.6 60	
	507.9	0.3		META-AS TO 502.7 60	
	508.6	0.7		META-AS TO 504.4	
	509.9	1.3		AS TO 416.4-CALCITE STRS 60	
	510.7	0.8		FG-GREY (GREEN) INTERSTITIAL CHLORIT 60	
n 1997 - Serie Constantino de la Constante de Constante de Constante de Constante de La Serie de Constante de S	······································	an a the state of		10-15% MINOR MICA-WEAKLY FCTD	
	512.9	2.2		AS TO 353.3	
	513.4	0.5	-	META-AS TO 466.4	
······································	514.1	0.7		META-AS TU 502.7	
	514.9	0.8		AS TO 353.3	
	516.3	1.4		AS TO 510.7	
	522.5			AS TO 461.3-LOCAL ZONES AS TO 416.4 60	
	166 4 5	U.Z HVVW		SPKS PY 18-9-27 CPS	
	600 (	0 4 MM		<u>PEBBLY-FG-GREY CHLORITE MICA STRS (S</u>	
	523.1	U.O HVH			
				ELVAGE LIKE) 5-10%-32-38 CFS	
				522.7-1 INCH BAND OF 2 ELONGATED 0.2	
		· · · · · · · · · · · ·		INCH QTZ PEBBLES AT 60 IN FG CK GREY	
				NICA CHLORITE MATRIX-88-96 CPS-SPKS	
	EA/ -			PY 1%	
	526.9			AS TO 416.4-SPKS PY 18-9-13 CPS 60	
	527-2	WVVM C+D		PEBBLY AS TO 523.1-SEVERAL 0.2 INCH	
	***	· ··· ····		EBBLES-SPKS PY 18-9-13 CPS	
	527.4	0.2 MVVW		AS TO 416.4-LOWER CT SHARP AT 60-SPK 60	
				5 PY 1%	
	551.1	23.7		META-AS TO 61.5-LOWER CT SHARP AT 60	
······································	551.8	0.7		PURE-LIGHT GREY TO WHITE-SLIGHT TING 60	
				YELLOW-SERICITIC-MINOR QTZ GRITS	
	552.0	6.2		META-AS TO 502.7	
	552.4	0.4	QTE	AS TO 551.8	
	553.1	C.7	DIA	NETA-AS TO 61.5	
	554.8	1.7	GWKE	META-AS TO 502.7	
	556.8	2.0	QTE	AS TO 551.8	
	557.0	0.2	GWKE	NETA-AS TO 502.7	
	564 • 6	7.6	QTE	AS TO 551.8-STREAK FUCHSITE 559.7 60	
	568.9	4.3	QTE	FG-MG-GREY-GRANULAR-SER ICITIC-MICA	
				0-15%-MINOR CHLORITE 60-MINOR QTZ	
			I	RITS	
	569.6	0.7	QTE	AS TO 551.8 60	
	571.6	2.0	QTE	AS TO 568.9 60	
	583.6	12.0		AS TO 551.8 60	
	585.1	1.5		SIMILAR AS TO 568.9 BUT MCRE CHLORIT 60	
				5-10%-MINOR QTZ GRITS-LOCAL HIGHLY	
				RANULAR ZUNE	
	589.5	4.4		AS TO 568.9 60	
	605.0	15.5		AS TO 585.1	an a na ann an ann an ann an ann an ann
	624.0	19.0		AS TO 585.1-CORE FRACTURED & BROKEN	
				OST CORE 40% (SAND SEAMS)-FAULT ZO	
				IE	
	634.4	10.4		AS TO 585.1	
	641.3	6.9		AS TO 551.8-LOCAL BNDS HEMATITIC STA	
		<u></u>		NED QTZ GRAINS	
	644.6	3.3		AS TO 585.1	
	649.0	3• 3 4• 4	-	AS TO 505.1 AS TO 510.7-1 INCH GTE AS TO 585.5	
n an an an an an ann an an an an an ann an a	VIJOV	an ann a start a chairte an ann an		T 648.8	an a
			4		

ANG DEPTH LENGTH MNZN ROCK DESCRIPTION 651.0 2.0 QTE AS TO 585.1 OTE AS TO 510.7 651.6 G.6 655.0 QTE AS TO 585.7-SMALL STREAK FUCHSITE AT 3.4 652.5 658.0 3.0 MVVW QTE AS TO 510.7-SPKS PY 1% 658.6 0.6 MW QTE AS TO 510.7-SMALL MICA CHLORITE RICH 45 BNDS-CLOTS OF PO 5-6%-PY 5-6% ELONGA TEO PARALLEL TO FOTN 4.3 MVVW QTE AS TO 510.7-LOCQL QTZ VEINS-SPKS PY 662.9 18 GHKE META-AS TO 502.7-INCREASING 2 QTE BN 50 666.1 3.2 DS DOWNHOLE OTE AS TC 585.1 668.0 1.9 QTE AS TO 551.8-LOCAL BNDS AS TO 568.9 672.1 4.1 675.6 3.5 QTE AS TO 585.1 QTE AS TO 510.7 676.4 6.8 679.0 QTE AS TO 585.1-LOCAL BNDS RUSTY RED HEM 2.6 ATITIC STAINED QTZ GRAINS 680.4 1.4 QTE AS TO 510.7 681.3 0.9 QTE AS TO 568.9-LOCAL BND AS TO 510.7 3.2 QTE AS TO 510.7 684.5 QTE AS TO 585.1-BNDS AS TO 510.7 686.7 2.2 687.2 0.5 QTE AS TO 551.8 688.7 1.5 QTE AS TO 510.7 689.1 QTE AS TO 551.8 0.4 QTE AS TO 510.7 689.6 0.5 700.0 10.4 QTE AS TO 585.1-LOCAL ZONES AS TO 510.7 FOOT OF HOLE SPECTROMETER READINGS WITH SCINTREX GIS-3 NUMBER 905 107 THIN SECTIONS AT 142.6 143.6 247.8 491.5 BOREHOLE# 55323-0 SAKANI PROJECT PAGE# 9

			BOREHOLE RECORD ******	DATE PROCESSED APR 01,1974	
OREHOLE# PROPERTY	AIT C #	ста техного	DEPTH AZIMUTH DIP LATITUDE DEP	CHK+D	
55324-0 SAKAMI LAKE			106 180 00 -45 00 N 55 E	800 DATE	
*****			***************************************		
		INCLINA	TION AND TROPART TESTS		
EPTH AZIMUTH DIP DE	PTH AZIMUTH	DIP DEPTH AZI	AUTH DIP DEPTH AZIMUTH DIP CEPTH	AZIMUTH CIP	
****	******	* ** ** ** ** *** ***	********	*********	
0PS OF WEDGES ******	المتحافظ والمتعارية والمتعارية والمتعارية والمتعارية والمتعارية والمتعارية	الم			
*****	* * * * * * * * * * * * * * * * * * *	****	• # # ~ # # # # # # # # # # # # # # # #	**************************************	
OGGED BY YURIY 8	STARTED	JULY 09.1973 C	MPLETER JULY 11. 1973 DRIE CANTCO	WINKIE EXT CORE ANOM 32-48 PERMIT NO 551	
				CAS RECOVERED-DRLD T WAKEGIJIG	
* * * * * * * * * * * * * * * * * * * *	******	* * * * * * * * * * * * * * * *		****************	
			SAMPLE ENTRIES		
		LENGTH PNZN RO		ANG	
	0.0		COLLAR		
		46.0			
	51.5	5.5 MVVW PLI	T PELITIC RATHER SLCS APNC GY TO BK	LU 45	
	·		CL VERY FG QTZ-FSP(SRCC)-BICT SCSS	• • • • • • • • • • • • • • • • • • •	
			LOCL FEW FINE ARG BNDS PY LOCL 1-2 As fine strs along bdg & SHR planes		
			SOME CUBES BXTD AT 47.0 CRED	,	
· · · · · · · · · · · · ·	58.2	6.7 MVW AR	G DK GY TO BK APNC BNDD LOCL SLCS ZO	NE 40	
			S-PLLT GRNLX CT PY-PC 2-4% ALONG BI		
			& SHR PLANES AS SPKS & FINE STRS FI		
			QTZ VINS CRBD LOCL VERY WKLY MTC		
	67.2	9.0 MVVW PLI	T AS TO 51.5 LOCL BIOT BNDS GTZ VEI	35	
	n a second and an an analysis and a	the case of a second second stress	AT 67.0 FEW PY SPKS		
	70.9	3.7 MVVW PLI	T AS TO 51.5 PY LEAVES IN SHRS SLLY	MO	
	700	2 A MAR ANA	RE SLCS		
	72.9	COU MAN ARI	AS TO 58.5 BNDD PY-PO 5-6% MOST PO AS STRS & BLBS WKLY MTC	1 10	
			AS SIRS & DEBS WRLT MIC MINOR SHRG LOCL CONTORTED		
			XBDG NATURE		
· · · · · · · · · · · · · · · · · · ·	73.6	C.7 MW AR	AS TO 72.9 STGL CRBD GRPT FY-PD GP	ne e constante de la constante LIPT	
			15-20% PO 20% PY 5% WKLY		
			-MODY MTC COR EXPLN		
	75.0	1.4 MVW PL	T AS TO 51.5 ARG BNDS PY-PO 5% PO UP	40	
		<b>_</b>	TO 4% FINE STRS WKLY MTC		
	77.5	2.5 MVVH PLI	T AS TO 51.5 FEW SPKS PY-PC BCMG CRS	5P 40	
	3. <b>7</b> 9 E	10 0 4000 000	GRAINED-SCHIST	01 45	
	87.5	TC+C WAAM 201	I PARA GTZO-FSPC FG LCCL APNC ZONES-		
······································			LT BIOT BNDS QUITE SCSS TO MASS-ARK GY TO DK GY FEW PY-PO SPKS	• A set of the set	
	106.0	18.5 AR	META AGLO GENERALLY MASS FMGS VERY	' F	
			G-FG DK GY NOT AS SCSS AS PREV QTZ-		
			FSP-BIOT RATHER GNSC FEW SPKS PO	Anner and a second and a second and a	
			FOOT OF HOLE		
·····	· · · · · · · · · · · · · · · · · · ·				

			80REHOLE RECORD **********		DATE PROCESSED APR 01,1974	
BOREHOLE# PROPERTY	NTS#	SH# /	NOM# DEPTH AZIMUTH	DIP LATITUCE DEPARTURE	CHK*D	
55325-0 SAKAMI PROJECT	33F 3	E		45 00 S 2260 W 15600 **********	CATE	
		INC	LINATION AND TROPARI T	ESTS		
DEPTH AZIMUTH DIP DEPTH					TH CIP	
		30 300	) -33 00 400	-29 CO 500	-26 30	
<u>600</u> -26 30 700		00		المعالية الم المعالية المعالية الم		
TOPS OF WEDGES	i. In de Minde de de de de de de de	under der uns under der under under	****		* * * * * * * * * * * * * * * * * * * *	
<b>宋本本 本末本 古本水木 女 本本本 水 朱本本 水 * 本本 * *</b> * * * * * * * * * * * * * * *	***	***	*********************	******	******	
					CCMMENTS	
LOGGED BYDEBICKI E J	STARTEC J	ULY 12,19	73 COMPLETED.JULY 20:		CN BES 1-AQ CORE-PERMIT 547-ZONE 4	
	بېلىر دۆر بېلى بېلى بېلى بېلى بېلىرىكى بېلىر دىلەر ب			6 FEET AW CASING I		
*******	****	*****	SAMPLE ENTRIES	******	*	
	OFPTH L	ENGTH MN		CRIPTION ANG		
		0.0	COLLAR	erreter i terretit i de la CANS.		
			UM TYPES A.B & C	AS DEFINED IN BH		
			55303			
	9.0	9+0		SG-BEDROCK SETUP-STA		
	15.6	6.6	RT OF CORE	GREY-BEDDEC LAMINATEC		
	13.0	0.00		SERICITIC QTE (2-3		
				WITH SERICITE RICH		
				LEY SERICITIC CTE (5		
			-10% CHLORITE-MI			
	21.5	5.9	QTE MINOR SERICITE-I			
			ITE-30% WHITE NA	ASSIVE-58 MICA CHLOR		
	22.4	0.9		CHLORITE 5-104-LESS 50		
				SERICITIC BNDS-FIN		
			ELY BEDDED-21.5			
	23.2	0.8	QTZ VEIN-WHITE MASS			
	26.4	3.2	QTE AS TO 22.4	50	and a second	
	27.4	1.0	TE 15-208-DIOPSI	/ GREEN-QT2 35% CALCI		
	28.6	1.2		GREY-10 TC 158 MICA 50		
				RICITE-BEDDED-LOCAL		
			QTZ RICH BNDS			
	29.2	0.6	QTE AS TO 22.4-SERIO			
	32.4	3+2	QTE AS TO 28.5	50		
	34.4 35.4	2.0 1.0	QTE AS TO 21.5 OTE AS TO 22.4	40		
	36.1	C.7	QTE AS TO 21.5	<u>40</u> 50	a a second a	
	38.6	2.5	QTE AS TO 28.6	50		
	39.0	0.4	SKN DIGPSIDE-AS TO 2			
	40.3	1.3	QTE AS TO 28.6	50		
	45.6	5.3	QTE FG-FINELY BEDDEE UENCE OF QTE (FG-	D LAMINATEC 4C-50 SEQ GREY SLIGHTLY SERIC		
			ITIC), META-ARKOSE	(INCREASING% COWN IN-MICACEDUS) 100%		
				INATIONS (FCTN-BEDD		
	a a a su			ARGILLITE (FG-DK BR	n and and the second	a
			-			

•	DEPTH	LENGTH MNZN	ROCK DESCRIPTION OWN GREY-CHLORITE NICA RICH) & LOCA	ANG
			METAGWKE BEDS ( 0.5 INCHES-DK GREY-	
<u></u>			REEN-MICA CHLORITE RICH-COARSER GRA	
			NED) - BEDDING CTS SHARP-MINCR GTZ	V
		• •	EINS & X-BEDDING	
	46.2		QTZ VEIN-WHITE MASSIVE-SHARP CTS	n an ann an Anna an Ann An Anna an
	47.5	1.3	ARK META-SIMILAR AS TO 45.6-MINCR QTE METAGWKE	د ک
	47.8	0.3	GHKE META-HG-CG-DK GREY GREEN-HICA CHLD	R T
		¥.9.2	TE-ANPHIBOLE 60%-TRACE CALCITE	
	69.5	21.7	ARK META-SIMILAR AS TO 45.6-NC CTE OR I	ME
			TAGWKE-MINOR META-ARGILLITE BNDS-LO	
			AL LESS MAFIC BEDS-LOWER CT SHARP 4	
			FOTC 30 AT 51.0,35 AT 53.0,45 AT 59 0,55 AT 69.0	•
	71.3	1.8	ARG META-FG-DK BROWN-75% BICTITE-5-10%	50
			CALCITE-WEAKLY FOTD	
· · · · · · · · · · · · · · · · · · ·	81.9	10.6	GWKE META -OK GREY BROWN-QTZ FELDSPAR	AM 40
			PHIBOLE-CALCITE 5% CLOTS (EYES) MIC	
			(50%) ELONGATED PARALLELING WEAK FO	
			N-TEXTURE APPEARS META-DIABASIC-LOCI L QTZ VEINS	<u>.</u>
	82.9	1.0	QTZ VEIN	
	83.3		QTE FG-MG-GRANULAR-10% MICA FLAKES-LOW	ER
		<ul> <li>Contraction of the second s Second second s Second second sec second second sec</li></ul>	CT SHARP	
	94.0	10.7	ARK META-AS TO 47.8-LOCAL CHLORITIC RIG	CH Charles
			ZONES-FOTD 45 TO 30 DOWNHOLE	
	102.8	8.8	GWKE META-SIMILAR AS TO 47.8-MICA RICH- Nor Amphibole-banded (bedded) due to	
			COMPOSITION VARIATIONS-LOWER CT SHAP	
	a a la manima a la manimation de men	ter of the second s	P AT 30-MINUR ZUNES PY 11-0.5 INCH	
			BIOTITE GARNET BND AT LOWER CT	
	103.7		ARK META-AS TO 47.5	30
	106.4	2.7	ARK META-VFG-GREY-BEDDED-LOCAL SLUMPED	30
	108.0	1.6	BEDS (BANDS) OF QTE GWKE META-AS TO 47.8 WITH MICA LANINATIO	1N 20
	TAAAA	· ····	S AT 30	
	109.8	1.8	MTSD CARBONACEOUS-FG-MG-GREY PALE GREEN-	- M
			ASSIVE-QTZ FELDSPAR-25% CARECNATE-M	
			NOR CHLORITE	
	110.5		QTZ VEIN	
	111.4	0.9	ARG META-AS TU 71.3 BUT 90% BICTITE-109 CALCITE	6
	117.3	5.9	GWKE NETA-SIMILAR AS TU 81.9 BUT NASSIVE	-
			DK GREEN BROWN-DIABASIC APFEARANCE-	
			ELL DEVELOPED ROUNDED BIOTITE CLOTS	
			50%-AMPHIBULE (ACTINULITE ) 25%-FELO	)
	110 0	<b>3</b> 4	SPAR CALCITE VEINING 116.0 TO 117.0	
	119.9	2.6	ARK META-HIGHLY MICACEOUS (35-4C%)-FINE Y BEDDED LAMINATED-LOCAL METAGWKE ZO	
			NES-LOWER CT BIOTITE RICH	
	131.7	11.8	DIA META-FG-GREY GREEN-FELDSPAR & AMPHI	18 45
			OLE BECOMING BIOTITIC DOWNHOLE-LOCAL	
			METAGWKE BNDS-LOWER CT SHARP AT 45	
	131.9	C•2	ARK META-AS TO 119.9 BUT MICA 25%	45
1				

	DEPTH L	ENGTH MNZN	ROCK	DESCRIPTION ANG	
	132.1	0.2	GWKE	E META-AS TO 102.8 45	
	133.2	1.1	QTE	TRANSLUCENT-MG-QTZ (5% MICA CHLORITE	
				I-INTERBANDED LAMINATIONS MICA CHLOR	
	1.74			ITE-SLUMPING OF BEDDING	
	134.9	1.7		MG-GRANULAR-TRANSLUCENT-50-60% DIOPS	
· · · · ·	1 7 7	• •		IDE SKARN	
	137.2	2.3		FINELY BEDDED-LAMINATED GTE (FG-WHIT 45	
				E)-INTERBEDS & LAMINATIONS ARKOSE IN CREASING IN CONTENT DOWNHOLE	
·····	145.4	8.2		META-AS TO 69.5-MORE BICTITIC COWNHO 50	
		0.1		LE (AS TO 119.9)-LOCAL ZONES HIGHLY	
				BIOTITIC	
	146.2	0.8		META-FG-GREY-FINELY BEDDEC-BRCWN-BIC	
				TITE RICH-MINOR FELDSPAR QTZ AMPHIBO	
				LE-LOCAL SMALL GARNETS-INTERBEDDED &	
				INTERLAMINATED QTZ RICH ZONES	
	147.3	1.1	-	AS TO 133-2 50	
· · · · · · · · · · · · · · · · · · ·	149.0	1.7		META-AS TO 146.2-INTERBEDCEC MINOR 50	
				META-ARKOSE	
	155.1	6.1		META-AS TO 131.7-LOWER CT SHARP 45	
· · · · · · · · · · · · · · · · · · ·	150 3			WEAKLY FOTD 40-50	
	159.2	4+1		META-AS TO 69.5-ZONES OF NUMEROUS MI 40	
				CA RICH LAMINATIONS-CONTORTED BEDDIN G.(SLUMPING) AT 156.9	
e server en anna e anna anna	161.2	2.0		NETA-AS TO 146.2 BECOMING MCRE BIOTI 45	
	101+2	2		TIC DOWNHOLE-CALCITE RICH EICPSIDE	
				SKN ZONES AT 160.1-160.3 & 16C.7-161	
	······································			•3	
	162.1	0.9		META-FG-GREY-WEAKLY FOTD 40	
	162.7	0.6		META-AS TO 69.5-LOWER CT SHARP 60 40	
	168.2	5.5	ARK	META-FG-GREY-MICACEOUS RICH BEDDING	
				PLANES-X-BEDDING WELL DEVELOPED-LOCA	
				L SERICITIC QTE BEDS	
	168.9	0.7	-	FG-GREY-SERICITIC (SLIGHTY YELLOW)-	
	1714			MICACEOUS BEDDING PLANES	
· · · · · · · · · · · · · · · · · · ·	171.2	2.3	a second second second	META-AS TO 168.2	
	171.5	<b>G.3</b>	-	VEIN-WHITE-MASSIVE	
	173.3	1.8		META-AS TO 168.2-LOWER CT UNDULATING META-FG-DK GREEN-AMPHIBOLE RICH-MIND	
				R MICA-LOCAL GARNETS-X-BEDCED-LOWER	
				CT SHARP	
	177.4	2.7		META-AS TO 69.5 40	
	178.6	1.2		META-AS TO 174.7 40	
	181.7	3.1		META-AS TU 69.5	
····· · · · · · · · · · · · · · · · ·	182.6	6.9		FELDSPATHIC-MG-GREY-5% MICA-LOCAL CA	
				LCITE VEINS	
	183.0	6.4		META-FG-DK BROWN-BIOTITE RICH-SMALL	
				LATHS UNDRIENTED CALCITE (REACTS TO	
	<b>•</b> • • •			NITRIC ACID)-CTS GRADATIONAL	
	183.8	0.8	-	AS TO 182.6	
	184.5	0.7		META-AS TO 162.1	
	189.9	5.4		META-AS TO 69.5 BECOMING KORE MICACE	
	102 3	2 2		OUS DOWNHOLE Meta-FG-DK brown grey-well developed 40	
and a second	193.2	3.3		META-PG-DK BRUWN GRET-WELL LEVELUPED 40 MICA EYES (25%) ELONGATED IN PLANE O	
			, r	ALLA CIEG (279) CLUNDAICH IN FLANE U	

	DEPTH L	ENGTH MNZN R	ICK DESCRIPTION ANG
	200.8	7.6 D	F FOTN-IN FG MICACEOUS ARKESE MATRIX A NETA-AS TO 131.7-FG AT CTS TO NG AT 40
	200+0		CENTRE OF UNIT-LOCAL BIOTITIC BANDS
. [			(METAGWKE)
	202.1	1.3 A	K META-AS TO 69.5-LOCAL METAGWKE BED-
			FOTE 40 TO 60 DOWNHOLE-LOWER CT UNDU
			LATING
	216.9	14.8 D	A META-AS TU 131.7-MASSIVE TOWARDS CEN
			TRE OF UNIT
	217.1		K META-AS TO 69.5 30
	217.3		KE META-AS TO 174.7 30
	217.9		K META-AS TO 69.5 30
	219.9	2•0 G	KE META-AS TO 174.7 BECOMING PALE GREEN FG AMPHIBOLE RICH DOWNHOLE-STRS CLOT S PC PY 1% LOWER CT IRREGULAR
	221.3	1.4 Q	E FG-MG GREY GRANULAR-5% MICA & CHLORI
			TE-MASSIVE
	222.5	1.2 G	KE META-AS TO 174.7 BUT MICA 252 60
	223.4		E AS TO 221.3
	224.0	C.6 GI	KE META-AS TO 174.7 60
	224.3	0.3 AI	K META-AS TO 69.5 60
	230.0	5.7 G	KE FG-DK GREEN-AMPHIBULITIC (75-80% AMP 45
			HIBOLE)-MICA RICH BANDS
A MARK MARK AND A MARKANA AND AN AND AN AND AND AND AND AND AN	255.7	25.7 D	A META-AS TO 216.9-LOCAL BNES METAGWKE
			AS TO 230.0
	256.5	Q.8 Q.	E AS TO 221.3-CTS SHARP AT 45
	260.8	4.3 GI	KE META-AS TO 230.0 45
	262.5		KE META-AS TO 230.0 BUT HIGHLY MICACEDU 45 S BNDS
a da anti-anti-anti-anti-anti-anti-anti-anti-	264.0	1.5 GI	<u>KE AS TC 230.0</u> <u>45</u>
	264.5	0.5 Gi	KE META-AS TU 262.5-LOWER CT SHARP 60
	266.7	2•2 Q	E GREY TO MEDIUM GREY GREEN-MASSIVE TO
			WEAKLY BEDDED (SLUMPING-UNCULATED BE
			DDING)-GRANULAR-5% MAFICS (CHLORITE-
			MINCR NICA) INTERSTITIAL TO GTZ GRAI
		n an and be the test of a construction of the second second second second second second second second second se	NS-LOCAL QTZ RICH & CHLORITE RICH BE
			DS-MINOR SERICITIC ZONES-LOCAL ZONES
	<b>.</b>		DIOPSIDE SKARN (IRREGULAR CTS)
	267.7		ZVEIN
	292.0		E AS TO 266.7-LOWER CT SHARP
	292.2		E PURE-FG-WHITESLIGHTLY SERICITIC
	295.5		E AS TO 266.7
	298.1	2.6 Q	E AS TO 292.2-LOCAL BNDS STRS CHLORITE
	300 3	1 2	MICA (5-10%)
- · · · · · · · · · · · · · · · · · · ·	299.3	1.2 0	E FG-GREY GREEN-CHLORITE MICA BNDS (ME 50
			TAGWKE), STRS & INTERSTITIAL TO GTZ
			GRAINS 10-20%-LOCAL QTZ RICH ZONES
	<b>301</b>	1 0 0 0	WEAKLY FOTD-LOCAL DICPSIDE SKN ZONES
	301.1	-	E AS TO 298-1
	304.0		E AS TO 299-3
	304.7		E AS TO 298.1 E AS TO 299 1-RECONTING LESS MAETO DOWN 40
	317.8	13•1 Q1	E AS TO 299.1-BECOMING LESS MAFIC DOWN 40 HOLE-LOCAL METAGWKE BNDS (MICA CHLOR ITE RICH)
an a	318.8	1.0 Gi	KE META-MG-DK GREEN-CHLORITE MICA 50-6C 40
		••	
			BOREHOLE# 55325-0 SAKANI PROJECT PAGE# 4

	DEPTH	LENGTH MNZN		K DESCRIPTION ANG %-QTZ RICHER DOWNHOLE-LOCAL SKN BNDS	
	<u></u>		QTE	SINILAR AS TO 266.7-LESS CHLORITIC-S 55 ERICITIC RICH FOTN PLANES (BECDING)	
	331.1	0.7		AS TO 330.4-SLIGHTLY CTZ RICHER-SERI CITIC	~~~
en e	336.9	5.8		AS TO 330.4 55	
	337.3			VEIN	
	337.9			AS TO 330.4 45	
	338.5			AS TO 331.1	
	356.1		QTE	AS TO 330.4 BECOMING SLIGHTLY LESS 55 MAFIC DOWNHOLE-1 INCH MICA BNE AT 35 3.3-22 TO 27 CPS	
	356.3	0.2	QTZ	VEIN	
	361.5	5.2 MVVW	QTE	AS TO 330.4-1 INCH QTZ VEIN AT 359.7 55 DCCASICNAL SPKS PY 18-9-20 CPS	
	362.1		QTE	AS TO 330.4-SPKS PY 18-44-6C CPS-28 55 TO 42 CPS AT CTS	
	367.0		QTE	AS TO 330.4-SPKS PY 18-9-20 CPS 55	
	368.7			AS TO 330.4-SPKS PY 18-9-20 CPS 55	
	371.8	3.1 MVVW		AS TO 330.4-NUMEROUS QTZ RICH BNDS DECREASING IN & DOWNHOLE-3C-38 CPS AT 369 0 TO 22-27 CPS AT 371 0-SPKS	
· · · · · · · · · · · · · · · · · · ·	372.1	C.3 MVW	CONC	AT 369.0 TO 22-27 CPS AT 371.0-SPKS PY 1% G ELONGATED TRANSLUCENT TO LIGHT GREY 55 QTZ PEBBLES (50%) 0.3 TO 0.8 INCHES LONG DECREASING IN% DOWNHOLE-WELL DEVELOPED BIOTITE CHLORITE SELVAGES	
· · · · · · · · · · · · · · · · · · ·	372.7	0.6 MVW	QTE	SPKS PY 1-2%-42-52 CPS PEBBLY-SEVERAL QTZ PEBBLES ELCNGATED 55 0.2 TO 0.8 INCHES-WELL DEVELCPED CHL DRITE SELVAGES & BEDDING (FCTN) PLAN ES-QTZ BNDS SEPARATED BY CHLORITE MI	
· · · · · · · · · · · · · · · · · · ·	373.8 374.7		QTE	CA FOTN PLANES (PEBBLY APPEARANCE) SPKS PY 18-29-46 CPS PEBBLY-AS TO 372.7-58-84 CPS-SPKS PY 55 18 G SIMILAR AS TO 372.1-DISTINCT ELONGAT	
	376.0		QTE	ED TO ROUNDED FRACTURED GTZ PEBBLES 75%-SPKS CLOTS PY PO CP 4-5% IN BIOT ITE CHLORITE MATRIX-95-120 CPS AT CT S TC 205-220 CPS AT 374.5 FG-LT GREY-SLIGHTLY YELLOW-SERICITIC 55 LOWER CT SHARP-SPKS PY 1%-9-15 CPS	
	376.5	0.5 MVVW	QTE	AS TO 372.7-LOWER CT SHARF-SPKS PY 1 55 8-9-15 CPS	
	377.0	0.5	GWKE	E META-MG-GREY GREEN-AMPHIBCLE FIBRES- MICA CHLORITE FELDSPAR	
	378.7		DIA	META-FG-DK GREEN-AMPHIBOLE FICH-LOCA L QTZ VEINS	**************************************
	378.9			VEIN-CTS SHARP	
	384.9	6.0		META-AS TO 378.7 COARSER GRAINED-WEA KLY FOTD 60-65	
·····	387.9	3.0	QTE	FG-GREY-5-10% CHLORITE MICA-LOCAL SE 55 RICITIC RICH & LESS MAFIC ENCS	
		· · · · · · · · · · · · · · · · · · ·			
	389.6	1.7	UIA	META-AS TO 378.7	

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	390.0	LENGTH MNZN 0+4	QTE AS TO 387.9-NON-SERICITIC
	392.5	2.5	DIA META-AS TO 378.7
	393.4	0.9	VOLC ANCESITE-BASALT-VFG-DK GREEN-CHLORIT
			E AMPHIBOLE RICH-LOCAL QTZ VEINS-LOW
			ER CT SHARP
	395.5	2.1	ATE AS TO 387.9-NON-SERICITIC
	396 .7	1.2	DIA META-AS TU 378.7
	398.1	1.4	QTE AS TO 387.9
	416.1	18.0	DIA META-AS TO 378.7 BECOMING COARSER GR AINED COWNHOLE
	417.7	1.6	QTZ VEIN-WHITE-MASS
	455.0	37.3	DIA META-AS TO 384.9
		2	
	455.4	0.4	QTZ VEIN-30-35% MICACEDUS RICH INCLUSION S-IRREGULAR CTS
	462.4	7.0	DIA META-AS TO 384.9-LOWER CT IRREGULAR
	462.5	0.1	VOLC AS TO 393.4
	463.3	0.8	DIA META-AS TO 384.9
	464 .5	1.2	VOLC AS TO 393.4
	466.4	1.9	DIA NETA-AS TU 384.9
	466.9	0.5	VOLC AS TO 393.4-IRREGULAR CTS
	467.1	0.2	DIA NETA-AS TO 384.9
	467.5	0.4	VOLC AS TO 393.4-IRREGULAR CTS
	467.8	0.3	DIA NETA-AS TU 384.9
	468.0	0.2	VOLC AS TO 393.4
	468.6	0.6	DIA META-AS TO 384.9
	469.7	1.1	VOLC AS TO 393.4
	486.0	16.3	DIA META-AS TO 384.9
	486.6	0.6	VOLC AS TO 393.4
	489.2	2.6	RTE AS TO 393.4 RTE AS TO 387.9-NON-SERICITIC-LOWER CT
	70702	2.00	JAGGED
	491.8	2.6	VOLC AS TO 393.4-LOWER CT GRADATIONAL INT
	771+0	2.00	O FOLLOWING UNIT
	523.2	31.4	DIA META-AS TO 384.9
	523.6	0.4	AMPH CG-DK GREEN BLACK-MASSIVE-GREEN ACTI Nolite Fibres & Black Hornblende Fib
	· · · · · · · · · · · · · · · · · · ·		ROUS CLOTS (50%)-SPKS PY 1-2% INTERS
	E2/ 0	0.4	TITIAL TO AMPHIBOLE
	524.0	0.4	AMPH AS TO 523.6 BUT FINER GRAINED
	526.4	2.4	DIA META-AS TU 384.9-LOWER CT FOTO 45
	526.9	0.5	AMPH AS TO 523.6-CLUTS PY-MINOR FO 1-2%
			526-6-0-1 INCH QTZ VEIN WITH MASSIVE
	<b>F3= 5</b>	<i>c c</i>	
	527.8	0.9	DIA META-AS TO 384.9 WITH 60% CTZ VEINS
	543.2		DIA META-AS TO 384.9
····	545.0	1.8	JM AMPHIBOLITIC-MG-DK GREEN-SLIGHTLY TA
	<b>_</b>		LCOSE-MT 4-58-SPKS PY 18
	546.0	1.0	JM VFG-DK GREEN-AMPHIBOLE RICH-TALCOSE
		· · · · · · · · · · · · · · · · · · ·	(ALTERED CT ZONE)-CUBES MT 1-2%
	549.1	3.1	JM MG-CG-GREY-MASSIVE-TREMOLITE SUNS IN
			FG TALCOSE MATRIX-MT 1%
	549.5	0.4	JM AS TO 546.0-MT 18
	550.6	1.1	JN AS TO 549.1-MT 18
	551.8	1.2	JM AS TO 546.0-LOCAL BND TRENGLITE SUNS
	a a construction of the co		LOWER CT UNDULATING-MT 1-29
	552.0	0.2	JM AS TO 549.1-MT 1-28

	DEPTH	LENGTH MNZ	N ROCI	C DESCRIPTION ANG
	555.9	3.9		FG-MG-MASSIVE-TALCOSE-LOCAL TREMOLIT E SUNS-CARBONATE 5% MT 1-2%
	557.2	1.3	UN	AS TO 546.0-556.7-1 INCH END AS TO
	558.4	1.2	1 F M	549.1-MT 2-3% AS TO 559.9-NUMEROUS CALCITE VEINS
	JJ0 • <del>7</del>	1.4.6	0 m	NT 1-2%
	561.5	3.1	UM	VARIETY TYPE C (LONG PRISMATIC OLIVI
				NES IN 25% TALCOSE LIGHT GREY MATRIX
				) GRADING INTO TYPE A COWNHOLE (MASS IVE COMPACT BLACK OLIVINES-NG MATRIX
	567.5	6.0	UM	TYPE A-MASSIVE OLIVINES WITH MINOR
				AMOUNTS LIGHT GREY TALCOSE MATRIX-WE
				AKLY SRPD-HIGH SRPD 565.7-567.5-NT 2 -3%
	576.8	9.3	UM	AS TO 567.5-NOT SRPD-MT 1-2%
	577.3	0.5	UM	AS TO 555.9-MT 1-2%
	577.8	0.5	UM	AS TO 549.1-MT 18
	578.7	0.9	UM	AS TO 546.0-MT 3-4%-LOWER CT JAGGED
	589.4	10.7	DIA	META-AS TO 384.9-LOCALLY WEAKLY FOTD 60
	590.0	0.6		-LOWER CT SHARP & JAGGED AS TO 546.0-MT CUBES 5-6%
	590.0	0.6	<u>UM</u>	AS TO 540-U-MT COBES 5-64 AS TO 555-9-MT 18
	593.0	1.9		TYPE C VARIETY-PRISMATIC GLIVINES IN
· · · · · · · · · · · · · · · · · · ·		~~ *		FG TALCOSE MATRIX BECOMING LARGER DO
				WNHOLE-MT 1-28
	608.0	15.0	UM	TYPE A-CG BLACK OLIVINES-NINCR MATRI
	(0) 0	16 0		X-LCCALLY SRPD-MT 1-2%
	623.0 638.0	15.0 15.0	UM	AS TO 608.0-MT 1-2%
	653.0	15.0	UM	AS TO 608.0-7T 1-2% AS TO 608.0-7T 1-2%
	662.7	9.7	UM	AS TO 608.0-7T 1-2%
	673.0	10.3	UM	VARIETY TYPE C-LARGE PRISMATIC GLIVI
				NES DECREASING IN & DOWNHOLE WITH IN
				CREASING FG GREY TALCOSE MATRIX-MT 1-2%
· · · · · · · · · · · · · · · · · · ·	673.3	C.3	UM	AS TO 673.0-OLIVINES DECREASE TO 0%
			and a second second	DOWNHOLE-MT 1-2%
	677.1	3.8		AS TO 555.9-NT 1-2%
	677.3	0.2	UM	TYPE C-LARGE PRISMATIC OLJVINES 60%
	685.1	7.8	4 1 M	IN FG GREY TALCOSE MATRIX-NT 1-2% As to 555.9 becoming Fg Pale green
	VG7+1	1.00	Un	DOWNHOLE (TREMOLITE)-MT 1-2%
	685.5	0.4	AMP	FG-DK GREEN-AMPHIBOLE RICH WITH 50%
			-	MICA BNCS
	686.6	1.1	DIA	META-AS TO 378.7-BROKEN CCRE-FRACTUR
	107 3	6 3		ED AS TO SEE OVER DALE OPERN (TRENDLITE
	687.3	0.7	UM	AS TO 555.9-FG PALE GREEN (TREMOLITE ) MT 1-2%
	687.6	0.3	QTZ	VEIN
	688.4	0.8		AS TO 687.3-MT 1%
	690.2	1.8		AS TO 555.9-NO TREMOLITE SUNS NT 1%
	692.4	2.2	UM	
				DECREASING IN SIZE & TO 25% DOWNHOLE
	693.1	0.7	UM	MT 1-28 TYPE C-60-70% EQUANT OLIVINES-MT 18
	UJJ6L	U + I	<b>V</b> IT	TILE A DALLAR EMONIL CETATUED_UL 14

	DEPTH	LENGTH	MNZN R	аск	DESCRIPTION ANG	
		2.0		JM	TYPE B-PRISMATIC & SMALLER EQUANT OL	1
	697.6	2.5	1		IVINES 40-50%-MT 1-2% TYPE C-60% EQUANT OLIVINES	E
		2.7			TYPE B-AS TO 695.1-MT 1-21	$\prec$
	700.7				TYPE C-25% PRISMATIC OLIVINES-MT 1%	
		1.5			TYPE C-AS TO 697.6-MT 1%	
	708.4				TYPE C-LARGE PRISMATIC OLIVINES BECO	
			-		MING HUSKY TABLETS DOWNHOLE-MT 1-2%	
	709.7	1.3	U		AS TO 555.9-NO TREMOLITE-MT 1-2%	ļ
	712.0				TYPE C-PRISMATIC OLIVINES 50%-NT 1%	
	713.3	1.3	U	ML	TYPE C-LARGE HUSKY TALBETS-MT 1%	
	714.1	0.8	U	JM	AS TO 555.9-NO TREMOLITE SUNS-MT 18	
	715.9	1.8	U	M	AS TO 546.0-MT 2-3%	
	718.9	3.0	U	JM	AS TO 555.9-MNO TREMOLITE-MT 1-2%	
	719.5	0.6	U	J M	AS TO 555.9-MT 1-2%	
1 2 1		1.9	U	JM	TYPE C-AS TO 697.6-MT 1-28	
	722.4				TYPE A-MT 1-2%	
· · · · · · · · · · · · · · · · · · ·	724.4				TYPE C-AS TJ 697.6-MT 1-28	
	728.6				TYPE A-MT 1-2%	
	729.0	0.4	U		TYPE C-LONG PRISMATIC OLIVINES-NT 1-	
		· · · · · · · · · · · · · · · · · · ·			2% FOOT OF HOLE	
					SPECTROMETER READINGS WITH SCINTREX	
					GIS-3 NUNBER 905 107 Tulo Sections At 76 5 100 2	1
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· · · · · · · · · · · · · · · · · · ·					BCREFOLE# 55325-0 SAKANI PROJECT PAGE# 8	1

				BOREHOLE RECORD ****	DATE PROCE	SED APR 01,1974
	BOREHOLE# PROPERTY			# DEPTH AZIMUTH DIP LATITUGE		CHK * D
1	55326-0 SAKAMI LAKE ******	33F 9 *******	******	197 180 00 -45 00 N 390 *********		DATE
	DEPTH AZIMUTH DIP BEPTH A	AZIMUTH D	1 A RECEIPT OF	ATION AND TROPARI TESTS Imuth dip depth azimuth dip di	EPTH AZIMUTH CIP	
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	TOPS OF WEDGES ************************************	*****	****	******	•+++++++++++++++++++++++++++++++++++++	*****
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ļ	*****	*****	******	*********	**********	****
		DEPTH I	ENGTH MNZN R	SAMPLE ENTRIES OCK DESCRIPTION	ANG	
		0.0	0.0	COLLAR	AUQ	
i l	an a	12.0	12.0	EX CAS OB CLAY & SAND SOC	1 The second s second second sec second second sec second second sec	
		14.5	2.5 V	OLC META INT-BASIC FSP-AMPB MINOR Some Chl Zones Apnc-Very Fg Cri		
		17.2	2.7 MVVW S	TO LT GRN FEW DY SPKS CH ORTHO QTZ-FSP-AMPB SOME BIGT I		
				MG LOCL MORE MASS BASIC VOLV U Chlo BNDD Stgl Crbd Few FSP Sti PD Strs	de entre de la companya de la company	
 		23.2	6.0 MVVW V	OLC AS TO 14.5 LOCL SCH ZONES AS A		
				MG SOME SHRG CARB VI Po Locl 1-2%	INS	
· · · · .	ور بریزود بریزم معجور در این استفاده این	26.5	3.3 MVW V	OLC AS TO 14.5 SHRD LOCL AMPC-CHLC SHRS 23.6 & 25.6-25	The second s	a sa ana ang ang ang ang ang ang ang ang an
				UP TO 5-6% MINOR PY	C1%	
		32.1	5.6 MVVW V	OLC AS TO 14.5 AMPC FEW SML GARS I 1-2% PY MINOR AS SPI STRS		
		39.1	7.0 MVW A	MPH ORTHO FG-MG DK GRN GARS LCCL (	HLC	
				LOCL SNL GOOD BASIC UNITS CREC- STRS MASS LOCL SLLY GNSC 5C-7C		
				PY-PO PY 2-3% 1% MOST AS STRS Some blbs	· · · · · · · · · · · · · · · · · · ·	
		40.9	1.8 MVVW V	OLC AS TO 14.5 APNC-VERY FG FSF-AP MASS FEW SPKS PY C19		
		50.6	9.7 MVW A	MPH AS TO 39.1 FG GRFR LOCL SCCS O Chl Most Mass Crbd F % Py Minor Mtc		
		52.2	1.6 MVVW V	GLC META INT QTZ-FSP SOME AMPE APA FG GY RATHER MASS LOCL BIOTITIC	SCHD EQ	
	· · · · · · · · · · · · · · · · · · ·	55•4	3.2 MVW S	GRNLX CT MIN PY-PU 1% AS FINE S CH ORTHO- GAR-AMPB-CHL BNDD LOCL MASS AMPC GARS UP TO 1/8 INCH F GRN CRBD SOME SHRG MIN PY-PO 10	RATHER 65 G DK	
		56.3	0.9 MVVW V	MOST PO PY MINOR DLC AS TO 52.2 APNC POSS SIL MISC- 1/8 INCH PO VEIN AT		
				LOCL BIOTITIC	70	and the set of the set
					BOREHOLEN 55326-0 SAKA	MILAKE PAGE# 1

						DESCRIPTION		ANG
	60+3	TC+C MAM	AMM	n as i		1 LOCL SCSS AMPB-CHL PRP( Nature Ampb in Chl Matri Stgl Crbd Py-Po Min Pc 4	IX	60
				BLBS		9% PY 1% AS STRS SOME		
	68.5	2.2 MVVW			0 39.	1 FEW SPKS PY LOCL EIGTI	TIC	
	70.3					2 POSS AN ARK VGUE BNDG GTZ-FSP-BIOT VERY FG GY		65
<u>.</u>	78.8	8.5 MVVW	AMPH	H AS T	0 39.	RATHER PRPC FEW SPKS PO 1 RATHER MASS LOCL MORE S ZONES-GWKE LOCL GCCC VOI	SIL LC	
						NATURE-PRPC FEW SPKS PY- PO PO LOCL 1-2%		
•	84.5	5.7 MVVN				ER SCSS FG GY-GRN LCCL AN Locl biot bnds few spks i		70
	87.7	3.2 MVVM			6 39.	I STGL CRBD FEW SPKS PO		
	91.8					5 POSS AGLC ARK LOCL SHL AMPC UNITS-GARS BNDD	6	5
	94.6	2.8 MVW	GWKE	E AS T	0 84.	5 POSS AGLC ARK FG 6-8% I MINOR POSS FEW FINE SPKS		
					_	CPY		
a a second a	95.8	1.2 MVVW	I GWKE	EAST	0 84.	5 MASS RATHER AGLC APNC- Very FG LOCL BITOITIC FE	Ew	
	98.7	2.9 MVW				FINE DO STRS CTION APNC-VERY FG DK GY- STRS FEW CARS MIN PO 6-83		65
	102.5	3.8 MVVM		STRS-	ALONG	BDG PLANES 8 RATHER MASS APPEARS GRO		
	105.5			معدما رومو را		TOPS DOWN HOLE SPKS PO 5 BNDD LOCL RATHER AGLC		60
						APNC-FG PO 3-4% AS STRS		
	107.1	1.6 MVW	ARG	<u>AS</u> T		7 CLAY NATURE WKLY GRPC Crbd Some Shrg CTZ Press Shadow A T 106.0 Lecl		65
			• · · · ·			GWK-ELIKE AT LONER CT PC VNNG LOCL 6-8%	0	and the second
	116.8	9.7 MVVW		LOCL	GRFR	OCL SLLY SLCS BNCD NATURE BIOT-CHL SCH IRTC CT STGL		65
	100	6 <b>5</b> 48.000		MTC		MIN PO 1-28 BY MINCR WKL		
	125.0 128.1					5 FG BNOD BIOTITIC LOCL QUITE SLCS FEW PC STRS 5 IRTD FINE AGLC UNITS		65
·····	120+1		UWNE		0.04.	VAGUE GRDG POSS TOPS DOW HOLE	NN.	
	132.0	3.9				GRNLX CT APNC-FG GY BNDD TIC LOCL FEW SML GWKE	5	65
	138.5	6.5		UNITS	-AMPC	FEW GARS PY-PO 1% AS STR 5 GRNLX CT FEW AMPC UNITS		
	140.0					•O AGLC GRNLX CT LOCL BIO FEW PO STRS	זנ	
	141.5	1.5 MVVW	GNKE	EAST	0 84.5	5 SILTY FINE AGLC VINS- FLAME STRUCTURES		
	142.3	0.8 MVVW	ARK	AS T	0 132	.O RLVL CLEAN GRALX CT FI	INE	

	DEPTH	LENGTH M	NZN ROC		ANG
	143.7	1.4 M	VW ARG	PY STRS AS TO 98.7 APNC SILTY XBDE CNRD SHRI	P. C.
	••••••			TO LOWER CT-CRBD GRPC-20%	
	144 2			FINE PY 5-8% MINOR PO	
	146.3	2.6 M	VVW GWK	E AS TO 84.5 RATHE AGLC SCME IRTO ARG BIOTITIC TO LOWER CT PY	
			· · · · ·	BLBS 1-2%	
	148.9	2.6 M	VW ARG	AS TO 98.7 SLLY GRPC TRGT HIN PY-PO	
				PY 8% PO 2% LOCL UP TO 15% PY AS STRS & BLBS	
	154.5	5.6 M	VVW SCH		70
				WELL CRED FINE STRS FEW SPKS PY-PO	
	161.9	7.4 M	VVW ARK	PLLT( ) FINE SCCS AGLC APAC-VERY FG	
	164.5	2.6 M	VW ARG	LOCL BNDD FEW SPKS PO 20% LCST CORE AS TO 98.7 SILTY GRNLX CT CHL SEAMS	70
				CRBD PY-DC 2-3% PCSS FEW	
				SPKS CPY	
	<u>167.8</u> 175.2			AS TO 98.7 CNRD PY-PO 1% CRED Marl( )BIOT-CHL-Carb 50% AGLC 50%	45
	11204	10 <b>7</b> 17	VVN SCR		60
			Al	SHARP CT 60	
	177-2	2.0 M	ARG	APNC GY-BK SHARP CT VERY HKLY GRPC	70
				BNDC LOCL SLCS MIN PO 50% CHL SEAMS STGL CRBD	
	178.3			AS TO 177.2 FEW PO SPKS LCCL CHL	
	179.3	1.0 M	VW ARG	AS TO 177.2 PY-PO 6-8% WKLY MTC BNDD	C 60
	184.0	4.7 M	VVW ADK	SOME MT STGL MTC CNRD AGLC QTZ-FSP-BIOT DK GY MASS VAGUE	
· ·····		<b>11 1 4 F</b>	TTH MAA	BNDG APNC-VERY FG BIOTITIC FINE CARB	60
	191.0	7.0		AS TO 184.0 LOCL MORE SLCS FG	
	197.0	6.0	ARG	AS TO 98.5 DK GY APNC-VERY FG FEW PO SPKS FOOT OF HOLE	
				CONDUCTIVITY & MAG EXPLANATION TRGT	
				BORE HOLE-GRPT PO MT	
· · · · · · · · · · · · · · · · · · ·					and the second
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BORE	OLE#	PROPERTY	1	NTS#	SH		1# DE	PTH	AZIMU	TH D	IP	LATITU	CE DE	PARTU	RE ELE	EVATIO	N LEV		CHK . D	* * * * *	* * * * * *	•	
553	327-0	SAKAMI PRO.		33F 2															DATE			•	
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				25.1	0.1							, AICA F	61000	AD	50								
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				26.2	1.1	Ç				SPKS F				5	50								
				26.4	0.2		RG M								iO								
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				30.0	2.4	<u></u>		ETA-A KS PY		<u> </u>	10111	ERIC	E ZUNI	<u> </u>	. <b>U</b>								<u> </u>
				41.4	2.6	C			-	TO 25-	0-FF	ER CT	Z GRT	TS									
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	ULTIN	CLAVIA MM4		LY PORPHYRITIC-GARNETIFEROUS) & PORP HYRITIC RHYOLITE (BUFF GREY-FG-QTZ	3
				FELCSPAR PORPHYRIES-SPKS PY 12	
	58.1	0.4	GWK	E META-FG-DK GREEN BROWN-AMPHIBOLE MIC 50 A 75%-QTZ FELDSPAR CHLORITE	
a a a against a gain a	60.2	a constant and	QTE	AS TO 57.7 50	
	60.4			E META-AS TO 58.1	
· · · · · · · · · · · · · · · · · · ·	60 .6	0.2	SKN	DIOPSIDE RICH-DK GREEN-CALCITE & CTZ Sharp CTS	
	65.9	5.3 MV1	W GWK	E META-AS TO 58.1-SPKS PY 18-62.7-1 I 45 NCH DIOPSIDE SKARN	5
	66.2	0.3 MVI	W GWK	E META-AS TO 58.1-50% QTE BNDS (BEDS) 55 SPKS PY 1%	
	66.8	0.6 MW	IF	SULPHIDE-FG GREY QTZ GRAINS-25% INTE 50 RSTITIAL PY CUBES-2-3% PO SHARP CTS	
- and	69.6	2.8 MV	W QTE	AS TO 57.7-SPKS PY 18 35	5
	73.8	4.2 MW	IF	INTERBANDED SULPHIDE IF (FG-GREY QTZ 55	5
				MATRIX-WELL BEDDED PY CUBES 5-10% PO	n na ser ann an
				BNDS & CLOTS 5-10% QTZ BNDS WITH MIN	
				OR SULPHIDE) & OXIDE IF (FG-DK GREY	
				TO BLACK MAGNETITE 5-10%-FINELY LANI	
				NATED CONTORTED BEDDING-LOCALLY GARN	
				ETIFERCUS)-GRAPHITE LAMINATIONS INCR	
ter and the second s		 19 gr 244-44		EASING TO 3-4% DOWNHOLE	
	81.3	1.5 MVV	WQIE	AS TO 57.7-50% DARKER GREY BNDS (POR	
	<b>ი</b> ე ო	0 0 MM	0 <b>*</b> =	PHYRITIC ROCT AS TO 42.1)-SPKS PY 1%	
	82.2	U.S MVA	<u>VIE</u>	FG-MEDIUM GREY-MICACEOUS TWC BNDS GA 55	)
				RNETIFEROUS, MORE MAFIC QTE WITH CLOT S PY PG 4-5%	
	88.4	6.2 MVL	W OTF	AS TO 81.3-SPKS PY 1% 55	
and an	92.8			META-DK GREEN-MG-AMPHIBOLE RICH-FELD 50	March 1997 And and a start of the
		• • •	~ 10	SPAR-LOCAL DIOPSIDE SKN-LOWER CT SHA	
				RP AT 55	
	96.1	3.3	QTE	FG-NG-GREY-CHLURITE MICA 5-102-BEDDE 55	
	- · · <del>-</del>			D-SPKS PY 1% & LOCAL BNDS PY 2-3%	
a a construction and a construction of the second	107.9	<ul> <li>A state of the sta</li></ul>		META-AS TO 92.8 BECOMING FG DOWNHOLE 55	
	112.9			AS TO 57.7 55	
	117.9			AS TO 57.7-SPKS PY 1% 55	
	122-8	4.9 MVh	IF	AS TO 73.8-MORE GARNETIFEROUS ZONES 45	
				5-6% PY 7TO 8% PO 7-8% MT-GRAPHITE	
	aj 1. maj - maj	1 m 2444	•	1-29	
	127.7	4.9 MVW	LF	AS TO 122.8 BUT MORE OXIDE IF-PY 5-6 45	
				X-PO 8-10X-MT 10-12X-GRAPHITE LAMINA	
	135 3	6 / MAN	L Car	TIONS INCREASING TO 4-5% DEWNHOLE	
· ····· · ····· · · · · · · · · · · ·	132.7	2.U MVV	MGWK	NETA-AMPHIBULITIC-FG-DK GREEN-LOCAL 55	n an
				BIOTITIC ZONES, SMALL CALCITE VEINS & QTZ RICH ZONES-SPKS PY & ALONG FOT	
				N PLANES 18	
	141.2	8.5	GUK	META-AS TU 132.7-FOTD 45 AT 133.6.6C	
	÷ * 4 * £	~~~		AT 138.2, 55 AT 141.0-0CC PY RICH FO	
				TN PLANES-LUWER CT SHARP 65	
	153.0	11.8	RHY	PORPHYRITIC-FG-LT BUFF GREY-GTZ FELD 60	
				SPAR PORPHYRIES UP TO 0.1 INCH IN FG	
· · · · · · · · · · · · · · · · · · ·				FELDSPAR RICH NATRIX-WEAKLY FCTD-SPK	
		an in a direktirken optimistik optimistik		S PY 1-2% LOWER CT SHARP 6/	

					ANG	
	158.2	5.2		META-AS TO 22.6-LOWER CT SHARP 55	55	
	163.2	5.0		AS TO 153.0-SPKS PY 1-2%		
	163.9	0.7		META-AS TO 22.6-CALCITE 58	55	
	173.1	9.2		AS TO 153.0-SPKS PY 1-2%		
	174.1	1.0	GWKI	META-AS TO 22.6 BUT CG, BIGTITE & AM	65	
				PHIBOLE RICH	· · · · · · · · · · · · · · · · · · ·	
	183.5	9.4	QTE	SIMILAR AS TO 36.4-MAFIC ZONES LOCAL		
				QTZ VEINS-LOWER CT SHARP		
	184.6	1.1	GWKI	NETA-AS TO 22.6-SPKS PY 18		
	185.9	1.3		FG-MG-GREY-MICA CHLORITE 5-1C% CCC		
				QTZ GRITS-SPKS PY 1%		
	194.6	8.7	0 I A	META-AS TO 92.8-FG CTS-CG CENTRE-WEA	60	
			0 I A	KLY FOTD		
	302 0	7.4 MVW	0 T C		15	
	202.0	1 6 7 17 V V	VIC	AS TO 185-9-SEVERAL BEDS-PY SPKS CLC	62	
				TS 2-3% AS LOCAL CUNCENTRATIONS IN		
	<b>.</b> .	<b>_</b>		BANDS-WEAKLY FOTD		
	207.3	5.3 MVW	QTE	FG-MG-GREY TO GREY YELLOW CHLORITE		
				5-6%-LOCAL SERICITIC ZONES-PY CLOTS	AL	
				SPKS 2-3% AS BNDS-LOCAL QTZ GRITS		
				207-3-207-7-5-10% FUCHSITE FOTN PLAN		
				ES AT 65		
	216.1	8.8 MVW	QTE	AS TO 207.3-LOCAL FUCHSITE-CLOTS SPK		
				S PY 2-3% IN LOCAL CONCENTRATED BNDS		
	219.9	3-8 MVW	OTE	(IF )-FG-DK GREY-MICACEOUS RICH (10-	65	
n an ann an an an an an an an an ann an			W 1 L-	15%)-FUCHSITE RICH FOTN PLANES (DECR	<b>~</b>	
				EASING CONTENT DOWNHOLE)-SFKS CLOTS		
				PY 5-6% AS CONCENTRATIONS IN BNDS-MI		
		• • • • • • • • • • •		NOR MT LAMINATIONS		
	230.0	10-1 MVW	IF	SINILAR AS TO 219.9 BUT NC FUCHSITE-	65	
and a second	and a state of the	· · · · · · · · · · · · · · · · · · ·		MINOR TREMOLITE-BNDD WEAKLY-BNDD SPK		the second s
				S PY 1-2% & MT LAMINATIONS 3-4% IN		
				CONCENTRATED ZONES-INTERLAYERED QTZ		
				(QTE) RICH BNDS		
	237.5	7.5 MVW	IF		65	
		-			65	
	245.2			FG-GREY-MINOR MICA-FUCHSITE RICH FOT		
	n an			N PLANES-SPKS PY 1%		ana ana amin'ny tanàna amin'ny tanàna mandritra dia kaominina dia kaominina dia kaominina dia kaominina dia kao
	247.2	ว่อ ผมบย				
				AS TO 185.9-SPKS PY 1%		
	247.5	WVYM COU		CG-DK BROWN-90% LARGE BIOTITE BOOKS		
	<b></b>	<u> </u>		SPKS PY 1%-MINOR QTE BNDS		
	248.3	WVVM 8.0		AS TO 207.3-FUCHSITE 5-10% (INCREASI	65	
				NG CONTENT DOWNHOLE)-SPKS FY 1%		
	248.4	0.1 MVVW		CG-DK BROWN BIDTITE & CHLCRITE-MINOR		
				QTE-SINILAR AS TO 247.5-SPKS PY 1%		
	249.9	1.5 MVVW	QTE	FG-GREY-5-10% MICA CHLORITE ALONG FC	65	
			a and a construction dis-	TN PLANES-SPKS PY 18-11-17 CPS	······································	ante e a mante en la construcción en la construcción de la construcción de la construcción de la construcción d
	252.7	2.8 MVVW	OTE	AS TO 249.9 BUT 75% QTZ VEINING (TRA		
				NSLUCENTI-SPKS PY 18-11-29 CPS		
	253.1	OLA MVW		AS TO 249.9 WITH MICA CHLCRITE STRS		
	2 -	1477 F1499				
				(SELVAGE LIKE)-25-30% QTZ VEINING-SP		
				KS PO PY 1%-70-80 CPS AT 252.9-90-11		
				5 CPS AT 253.0		
	259.0	5.9 MVVW	QTE	AS TO 249.7-50% OTZ VEINING-SPKS PY		
				1%-9-30 CPS-257.3-1 INCH PASSIVE PO		and a second
				PY IRREGULAR BND INTERSTITIAL TO QTZ		

	DEPTH	LENGTH MNZN			
	263.9	4.9		GRAINS GROUND CORE	
	265.0	1.1		VEIN-MASSIVE-TRANSLUCENT	
	269.7	4.7		MG-CG-WHITE-LT GREY-NUMERCUS GTZ GRI	
				TS-MASSIVE	
· · · · · · · · · · · · · · · · · · ·	272.6	2.9		LT YELLOW GREY-FG-MICA CHLORITE 5% 65	
				SERICITIC-WEAKLY FOTD-MINOR QTZ VEIN	
	277.6	5 A SAMA			
······································				AS TO 272.6-SPKS PY 18-8-25 CPS 65	
	278.0	<u>Uent Indan</u>		AS TO 272.6-MICA CHLORITE IC-15%-WEA 65 KLY FOTD-SPKS PY 1%-44-66 CFS AT 27	
				7.7-78-88 CPS AT 277.9	
	283.3	5-3 MVVW		FG-LT PALE GREEN-HIGHLY CHLORITIC & 70	
		an the set of the set of		SERICITIC-LUCAL METAGWKE (NG-DK GREY	
				CHLCRITE MICA RICH-GARNETS-BECDING	
				SLIGHTLY CONTORTED)-SPKS PY 17-9-15	
				CPS	
	283.5	0.2 MVVW	QTE	AS TO 283.3-25% MICA CHLORITE ENDS-	
				SPKS PY PU 18	
	285.1	1.6 MVVW	-	FG-GREY-MICACEOUS-FELDS PATHIC-(META-	
				ARKOSE INTERLAYERS)-TRACE FUCHSITE-	
				SPKS PO PY 17	
				585.0-0.2 INCH QTE BED-SMALL CLOTS	
· · · · · · · · · · · · · · · · · · ·	206 2	1 7 MAL		PO 3-48-CP 3-48	
	286.3	1.2 HYM		META-FG-GREY-BROWN-MICACECUS INTERLA 70 Yered & Interfingered Qte Ends with	
				SPKS PY PO 1%	
	287.6	1.3 MVW	a setting the setting of the setting	AS TO 285.1-NUMEROUS FUCHSITE RICH 70	
				FOTN PLANES-SLUMPING, INTERFINGERING	
				OF LAMINATIONS-BEDS-SPKS PY PO 18	
	291.4	3.8 MVW		META-AS TO 286.3-SPKS PY FG 14 IN QT	
				E BANDS	
	297.4	6.0 MVW		SIMILAR AS TO 230.0-QTZ RICH-LOCAL 80	
				AMPHIBOLITIC ZONES-GARNETS-LAMINATED	
				ZONES MT 5-6% 293.5-294.5 \$0% GARNET	
a second second second second second		to when the state of the state		S (UP TO 0.5 INCHES) & AMPHIBGLE-SPK	
	302.1	A 7 MVU		S PY PO 1% MICACEOUS-FG-GREY-AMPHIBCLITIC BNDS	
	302+1	*¶●[ {}} <del>}</del>		INCREASING DOWNHOLE-GARNETS-FOTD 80	
				TO 65 DOWNHOLE SPKS PY PO 1-2%	
	307.2	5.1 MVW		FG-GREY-QTZ MASSES LELONGATEC INDIST	
	***			INCT PEBBLES UP TO 0.5 INCHES-50%)	
				IN FG SELVAGE LIKE MICA CHLORITE-GAR	
				NETS-ZONES SPKS PY PO 3-4% LCCAL NON	
				PEBBLY ZONES 25% (MICA CHLCRITE 5 TO	
				103)	
	312+1	4.9 MVV#		FG-GREY->-10% MICA CHLORITE-LOCAL PE 70	
				BBLY QTZ ZONES 25% AS TO 3C7.3-SPKS	
	-1:-1 -1	<i></i>		PY PO 1%	
	312.7	0.6		AS TO 248.3	
	315.5	2.8		AS TO 307.3-PEBBLES LESS DISTINCT-	
	327.9	12.4		N/N-PEBBLY ZONES 50% AS TO 153.0-SPKS PY 1-2% 60	
	328 • 1			META-MICACEDUS-FG-GREY-BRCHN 60	
na da anti-anti-anti-anti-anti-anti-anti-anti-	329.8	1.7		FG-GREY-GRANULAR-CHLORITIC FOTN PLAN 60	
		* * *	<b>166 - 1</b>	TO ANEL ANNALAN ANEQUITE FERE OF	

	DEPTH	LENGTH MNZN	ROCK	DESCRIPTION ANG
	330.3	0.5		S FG-MG-DK GREEN-95% AMPHIBCLE-GARNETI
	332.3	2.0		ERGUS CTS AS TO 329.8-MORE MICA CHLORITE SERIC 55
				ITIC FOTN PLANES
	334•1	1.8		MG-DK GREEN-INTERLAYERED BRCKN FG VO 55 .CANIC (15-20%)-LOCAL DIOPSICE SKARN .0%
· · · · · · · · · · · · · · · · · · ·	337.2	3.1	QTE	<u>FG-DK GREY-15-20% MICA CHLORITE MAIN</u> Y ALONG FOTN PLANES-60 TO 70 DEWNHO E-GARNETS-LAMINATED & INTERFINGERED
	339.4	2.2	QTE	FG-GREY-5-10% CHLORITE MICA FOTN PLA 65
	342.7	3.3	QTE	HES-LOCAL MASSIVE QTZ RICH ZONES FG-GREY-SLIGHTLY YELLOW-5-10% SERICI 65
	350.3	7.6	QTE	E (MINOR MICA CHLORITE) FG-MG-GREY-MASSIVE-TRANSLUCENT (POSS BLE QTZ VEIN)-5% MICA CHLCRITE INCL
	381.7	31.4	DIA	ISIONS-SPKS PY 13-LOWER CT SFARP 60 META-METAGABBRO-GREY-GREEN-CG AMPHIB DLE & FELDSPAR-YOUNGER TYPE METADIAB
	390.3	8.6		<u>SE -FOTD 50-60-LOWER CT SFARP-NUMER</u> DUS QTZ STRS-SPKS PY 1%-LOCAL DIOPS DE SKARN META-AS TO 92.8-LOCAL INJECTED ZONES
		· · · · · · · · · · · · · · · · · · ·		ETADIABASE AS TO 381.7-LOCAL PY RIC PLANES
	397.4	7.1 MVVW		FG-MG-GREY-5-10% BLACK MICA STRS GIV 70 NG INDISTINCT PEBBLY APPEARANCE-MOR TRANSLUCENT,LESS MAFIC DCWNHOLE 94.8-397.1-BIOTITE FILLED FRACTURE
	399.5	2.1 MVW	QTE	T O DEGREES-SPKS PY 18-9-15 CPS AS TO 397.4-LESS TRANSLUCENT-SPKS PY 70 -28-PD 1-28-48-60 CPS AT 397.5 28-
				8 CPS AT 398.0 54-68 CPS AT 398.3 1-17 CPS AT 390.3
	400.1	0.6 MVW		FG-DK GREY-10-15% MICA CHLORITE-INDI 70 TINCT BANDING-SPKS CLOTS PY PO 3-4% 2-96 CPS AT 399.6, 17-24 CPS 40C.1
	406.6	6.5 MVVW	GWKE	META-MG-GREY-BIOTITE RICH-GARNETS-MI OR AMPHIBOLE-TREMOLITE ANTHOPHYLLIT
				MICA SCHIST ZONES-LOCAL ZONES NUME DUS BIOTITIC BNDS (FOTN PLANES) & B OTITE EYES 65-70 BNDD (BECCED) DUE O COMPOSITIONAL VARIATIONS-SPKS PY 14
	406.9	0.3		META-AS TO 381.7
	409.0	2-1		META-METADIABASÉ-MG-GREY GREEN-AMPHI 65 OLE BIOTITE EYES (ELONGATED IN PLAN OF FOTN)-FELDSPAR RICH MATRIX-BIOT
	413.2	4.2	DIA	TIC ZONES META-SIMILAR AS TO 381.7-FG-LOCAL ME 65 ACHKE ANDS
	418.8	5.6		AGWKE BNDS META-AS TU 406.6-NU GARNETS 70
	419.6	0.8	O T A	META-AS TO 413.2

	DEPTH	LENGTH MNZN	N ROCK DESCRIPTION	ANG
	<b>- -</b> · · · ·		AMPHIBOLE NEEDLES & MICA BOOKS	
	420.5	0.6	DIA META-AS TO 413.2	
	421.9		GWKE META-AS TO 418.8-NUMEROUS BICTITE CI	.1. 70
		<del></del>	OTS-MORE AMPHIBOLE BIOTITE DEWNHOLE	
			421.2-0.5 INCH QTZ VEIN (5C%-BIOTITI	
			C INCLUSIONS)	
	438.5	16.6	QTE MICACEOUS (10%)-FELDSPATHIC (10%)-FO	
	· · · ·	***-	MG-MEDIUM GREY-UNIFORM THREUGHEUT-LO	
			CAL RHY BNDS AS TO 153.0-4 INCH GTZ	
· · · · · · · · · · · · · · · · · · ·		· · · · · · · · ·	VEIN AT 434.3	
	439.5	1.0	QTE MG-MEDIUM GREY-CHLORITIC FOTH PLANES	\$ 46
	439.9		QTE AS TO 439.5-VITREOUS CTZ ENES (VEIN	
	****	V T T	) AT 60	3 80
	441.0	1.1	ARK META-(NON PORPHYRITIC RDCT )-MICACE	ст. <b>Т</b> О
	774.00	¥ • 1	US-LOCAL IRREGULAR QTE BNDS (MICACED	
			US-LUCAL IRREGULAR WIE BNUS (FICACEU US)-WEAKLY FOTD	
	441.2	A 3		л.
	441.3	0.3	RDCT PORPHYRITIC-WHITE BUFF GREY-CTZ FELL	D .
			SPAR PORPHYRIES 50-60%-FG FALE GREY	
	443 4		GREEN MATRIX	
	442.4		ARK META-AS TO 441.0	70
	442.5		GWKE META-AS TO 419.9	
	442.9		GWKE META-AS TO 418.8	
	444 • 1		ARK META-AS TO 441.0	
	449.6	5.5	GWKE META-AS TO 409.0-LOCAL AMPHIBCLE RIC	C 65
			H ZONES	
	453.0	3.4	GWKE META-AS TO 406.5-GRADES INTO FOLLOWI	1 65
			NG UNIT	
	456.8		GWKE META-AS TO 418.8	60
	459.3		GWKE META-AS TO 409.0	65
	462.1		DIA META-AS TO 381.7	••
	463.2		GWKE META-AS TO 409.0	75
	464.3		DIA META-AS TO 381.7	
	465.6		GWKE META-AS TO 409.0	75
	467.8		GWKE META-AS TO 406.6-MORE AMPHIECLITIC-L	
			OWER CT SHARP	-
	469.7	1.9	ARK META-AS TO 441.0-LOWER CT GRADATIONA	۵
		· · · · · · · · · · · · · · · · · · ·	L INTO FOLLOWING UNIT	An example of the second
	479.1	9.4	GWKE META-AS TO 406.6-LOCAL AMPHIBCLITIC	
		70 7	ZONES-LOWER CT SHARP-75 TO 60 DGWNHO	
			LE	
	480.0	0.9	GAB META-(METADIABASE )-SIMILAR AS TO 38	đ
	700.00	U + 7		4
	490 6	A 4	1.7-NORE MAFIC (AMPHIBOLITIC) ZONES	
	480.6	0.6	GWKE META-AS TO 406.6-AMPHIBOLITIC-LOWER	
	FAE 0	<b>.</b>	CT SHARP	
<b></b>	505.8	25.2	DIA META-AS TU 381.7-LOCAL DICPSIDE SKAR	<u> </u>
	····	<b>.</b> .	N BANDS	
	507.4	1.6	VOLC ANCESITE-BASALT-FG-DK GREEN-VERY WEA	A 65
	· · · · · · · · · · · · · · · · · · ·		KLY FOTD-AMPHIBOLE & FELDSPAR	
	508.4		DIA META-AS TO 381.7-50% DIOPSIDE SKN	
	509-2	0.8	VOLC AS TO 507.4-WEAKLY FOTD-LONER CT SHA	A 70
			RP	
	509.7	0.5	ARK META-AS TO 441.0-LOWER CT SHARP	
	525.5			70
· · · · · · · · · · · · · · · · · · ·	en en la substance de la substance (en agrange) en gree		ZONES	
	525.9	0.4	QTE FG-GREY-GREEN-5-10% CHLORITE MICA-MI	<b>1</b> 70
		<b>.</b>	<b>The the state of states and a state of states</b>	

	DEPTH	LENGTH MNZN	ROCI	DESCRIPTION	ANG	
				NOR QTZ GRITS-SHARP CTS		
	527.8	1.9	DIA	META-AS TO 381.7		
	527.9			VEIN		
	528.1	0.2	GWK	E META-AMPHIBOLITIC-FG-DK GREEN-90% AM Phibole-Minor Mica-Lower CT Sharp		
	532.2	4.1	VOL	AS TO 507.4-NOT AS DK GREEN-LOWER CT SHARP AT 70	70	
	532.4	0.2	GWKI	RETA-FG-GREY GREEN-AMPHIBCLE FELDSPA R & MICA-LOCAL UTZ RICHER ENCS-SPKS	70	
a a series and a series and a series and a series of the s				PY 1%		
	534.2	1.8 MVVW	GWKI	AS TO 418.8-BIOTITE RICH ENDS-SPKS	70	
	534.4	C.2 MVVW	GWK	META-AS TO 520.1-SPKS PY 18		
	535.1			FG-GREY-60%-DK GREEN-IRREGULAR AMPHI BOLITIC BNDS & MICA EYES-SPKS & CLOT	70	
				S 4-5% SPHALERITE (RED-BROWN), PC 2- 3%, SPKS PY 1%-LOWER CT SHARP AT 70		
	540.0	4.9 MVVW	ARK	META-AS TO 441.0-1-2% SMALL CALCITE	70	
				CLASTS (PORPHYRIES )-WEAKLY FCTD-IND		
				ISTINCT BANDING (SLIGHT COMPOSITION		
				VARIATIONSI-SPKS PY 1%		
	546.9			NETA-AS TO 540.0-SPKS PY 18		
	548.1	1.2	GWKI	NETA-AS TO 409.0-25% DIOPSIDE SKN BN DS-LOWER CT SHARP		
	552.7	4.6	DIA	META-AS TO 381.7-LOWER CT SHARP		
	557.3		GWKE	META-AS TO 418.8	70	
	559.2			META-AS TO 381.7		
	560.1			META-AS TO 418.8	70	
	563.6	3.5	RDCI	PORPHYRITIC-QTZ FELDSPAR FORPHYRIES	70	
وروار والمرور المراجع ا	an ang sa watabar sa manana sa pagaga	an a	an - saaanta mada aa	25-30% ( 0.1 INCHES)-FG DK GREY FELD		the second s
	563.7	0.1	CHES	SPAR MICA MATRIX		
	564.0			META-AS TO 418.8 Meta-as to 409.0-sharp cts		
	564.3			META-FG-GREY-MICACEGUS-MINOF TREMOLI	70	
	20.03			TE NEEDLES-SHARP CTS	10	
	565.8	1.5		META-AS TO 381.7		
	570.0	ender in the stranger way and the second	<ul> <li>I &lt; M &lt; M &lt; M &lt; M &lt; M </li> </ul>	META-AS TO 564.3-LESS MICA COWNHOLE	70	
				SPKS PY PO 13-LOWER CT SHARP		
	593.2	23.2	GAB	META-(METADIABASE )-SIMILAR AS TO 38		
				1.7-MORE MAFIC (AMPHIBOLITIC)-MASSIV		
				E-LOCAL WELL DEVELOPED BROWN AMPHIBO		
	100 0	<b>7</b> r		LES UP TO 0.5 INCHES (SECONDARY)		
	600.7			VEIN		
	622.2 623.1			META-AS TO 593.2-LOWER CT SHARP META-FG-GREY-TREMOLITIC-WEAKLY FOTO	45	
·	VEJOL	V • 7		UNIFORM THROUGHOUT	05	and a second
	633.1	10.0		NETA-AS TO 593.2		
		0.3		MG-GREY-GREEN-10-15% CHLORITE-TREMOL		
	, , , , , , , , , , , , , , , , , , ,			ITE NEEDLES INTERSTITIAL TO GTZ GRAI NS-SHARP CTS		
	666.4	33.0		META-AS TO 593.2		
	686.5			AS TO 381.7		
	687.1			AS TO 507.4-40% FELDSPAR-CTS SHARP		
وروار والمراجع والمعادين والمراجع والمراجع والمراجع والمراجع والمراجع والمراجع والمراجع والمراجع والمراجع	688.6	1.5		META-AS TO 381.7-LOWER CT SHARP		
	689.5	0.9		AS TO 687.1-LOWER CT SHARF	an na ang tradit sa sa s	eren en en anne en antere frette frette frette anne er e frette de frette anne er frette anne en frette anne e

811 • 8 812 • 0		NKE META-AS TO 406.6-NO GARNETS 70 NKE META-AMPHIBOLITE-CG-DK GREEN-25% FEL
811 - 8	0.6	
		ANFRIDULL GEVAICNAL
		NG (CONTORTED VERY COARSE GRAINED Amphibole clusters)
		ZONES-408.8-409.5-SEDIMENTARY SLUMPI
		MEROUS GARNETS-BIOTITIC AMPHIBOLITIC
811-2		IKE META-SEQUENCE OF BEDS AS TO 406.6-NU 70
798.3		TE AS TO 772.6-GRADES INTO NEXT UNIT
796.8	6.9	TE AS TO $772.6$ 70
[¥ <b>2</b> • Å	<b>1.</b> V	TE AS TO 767.6-MURE MAFIC DOWNHOLE-GRAD 70 ES INTO NEXT UNIT-WEAKLY FCTC
		TE AS TO 774-2-GRADES INTO NEXT UNIT 70
		TE AS TO 744.9-255 GTZ VEINING TE AS TO 774 3-CRADES INTO NEXT UNIT 70
		ING
787.0	0.9	TE AS TO 772.6-50% TRANSLUCENT GTZ VEIN 70
786.1	3.3	TE AS TO 767.0 70
		792.4-QTE BND (1 INCH) AS TO 744.9 GARNETS
782.8	1.0	TZ VEIN-WHITE TO TRANSLUCENT-MASSIVE
		CAL GARNETS
781.8		TE AS TO 774.2-IRREGULAR QTZ VEINING-LO 70
		TE AS TO 772.6
775 - 5	1-3	TE AS TO 767.6 70
114.2	1.6	TE AS TO 743.4-MAFICS UP TO 5%-INDISTIN 70 CT FUTN
· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	MICA CHLORITE
772.6	0.9	TE FG-GREY-SERICITIC FOTN PLANES 4-5%
771.7		TE AS TO 743.4-CTS SHARP 70
		TE)-SPKS PY 1% IN BIOTITE ENES
767-6	1-0	TE FG-GREY-5-10% MAFICS (BIOTITE CHLORI 70
	· · · · · · · · · · · · · · · · · · ·	EITHER CT WITH SPKS PY 12
		BIOTITE-INTRUSION OF DYKE MATERIAL Into gte at 0 degrees (6 incles) at
766 • 6	1.1	YKE MAFIC-MG-BLACK-EQUIGRANULAR-10-15%
		TE AS TO 743.4 80
763.7		TE AS TO 744.9-LOWER CT SHARP
763.2		TE AS TO 743.4-LOWER CT SHARF 70
A second seco		ITIC-SPKS PY 1-2% LOWER CT SHARP
760.3	15.4	HY QTE -SIMILAR AS TO 57.7-SLLY PORPHYR
		CT SHARP 80
144 • 9	1+2	TE FG-MG-MEDIUM GREY-GRANULAR (LOCALLY MASSIVE)-10+15% MICA CHLORITE-LOWER
<b>1</b> 4.7 A	1 6	AT 740.2 & 60 AT 741.2 (X-BEDDING)
		MAFICS( 18)-LOWER CT SHARP-FOTD 70
743.4	5.5	TE SERICITIC-LIGHT YELLOW GREY-FG-MINOR
		60% QTZ VEINING
		MAFICS (MICA CHLORITE)-736.1-737.9-
121.9	3.1	ITE CHEGRITE RICH FOTN PLANES-5-10%
727 0	3.1	UNIT AMPHIBOLITIC TE MG-GREY-GRANULAR (MINOR GRITS)-SERIC 75
		BASE AS TO 381.7-LOWER 0.8 INCHES OF
734 . 8		WKE META-AS TO 409.0-LOCAL ZONES METADIA
723.8		IA NETA-AS TO 381.7
		HY AS TO 563.6-LOWER CT SHARP 60
		OCK DESCRIPTION ANG IA META-AS TO 381.7-LOWER CT SHARP 60
5.0 <b>5</b> 7.0		
	698.0 708.4 723.8 734.8 734.8 737.9 743.4 744.9 760.3 763.2 763.7 765.5 766.6 771.7 772.6 774.2 775.5 779.3 781.8 782.8 782.8 786.1 787.0 788.6 791.9 795.9 796.8 798.3	708.4 $10.4$ Ri $723.8$ $15.4$ D $734.8$ $11.0$ G $737.9$ $3.1$ Q $743.4$ $5.5$ Q $743.4$ $5.5$ Q $744.9$ $1.5$ Q $760.3$ $15.4$ Ri $763.2$ $2.9$ Q $763.7$ $0.5$ Q $765.5$ $1.8$ Q $766.6$ $1.1$ Q $767.6$ $1.0$ Q $771.7$ $4.1$ Q $772.6$ $C.9$ Q $774.2$ $1.6$ Q $774.2$ $1.6$ Q $774.2$ $1.6$ Q $774.2$ $1.6$ Q $781.8$ $2.5$ Q $782.8$ $1.0$ Q $786.1$ $3.3$ Q $779.3$ $3.8$ Q $786.1$ $3.3$ Q $786.1$ $3.3$ Q $787.0$ <

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14	DEPTH	LENGTH MNZN		DESCRIPTION DSPAR	ANG
	812.4			META-AS TO 406.6-NO GARNETS	70
>	817.7			META-AS TO 406.6-OCC GARNETS	
	822•7	3.0		DIOPSIDE-MG-CG-GREY GREEN-C/ CH-TRANSLUCENT TO OPAQUE QTZ BNDS-LOCAL BNDS BROWN STAINEN	(VHINS)
	823.3	0.6	a to the short make of a	META-FG-GREY BROWN-MICACECUS	
1	828.3		SKN	AS TO 822.7-NOT WELL BANDED Z VEINING)-827.1-1 INCH AMPHI	(LESS QT
		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		BAND WITH 0.1 INCH MT BND & ( 1-2%	
	829.5	1.2		META-AS TO 593.2-1 INCH SKN 829.0	END AT
	830.2			META-AS TO 409.0	70
	831.2	1.0		<u>Meta-Micaceous-FG-(slightly</u> Rey-Very Weakly Foto	BROWN)-G 70
	832.2	1.0		META-AS TO 812.0	
	833.4			META-AS TO 92.8	
	840.7			DIOPSIDE AS TO 828.3-836.3 1 Finer grained-less calcite	0 837.3-
				837.9-840.7-CG DIOPSIDE-LESS	CALCITE
	857.6	16.9		TYPE A-MASSIVE-SERPENTINIZED Zones 75% Lung Fibrous Unorie	NTED BL
				A <u>CK OLIVINE NEEDLES-LOCAL</u> FL MT 5-6%	CW LIS
	861.9	4.3		MASSIVE-TALCOSE-GREY-LOCAL T SEAMS-MT 1%	REMOLITE
	888.7	26.8		GRANITE-CG-WHITE-LOCAL PINK CRYSTALLINE-10-15% QTZ-2-3% E PHIBOLES-SMALL FRACTURES	
	903-8	15.1	VOLC	AS TO 507.4-WEAKLY FOTD-BIGT	ITIC ZON 70
	907.6	3.8	AMPH	VFG-MG-DK GREEN-MASS-POSSIBL	EALTERE
				D UN-LOCAL GARNETS-MT CUBES 4	-5\$
<b>F</b>		17.2		AS TO 507.4-WEAKLY FOTD 7C	
	927.8			AS TO 406.6	70
	928.1			AS TO 907.6-MT CUBES UP TO 0 S 4-5%	-2 INCHE
	929.1			DIOPSIDE CALCITE RICH-CG	
	933.6			MG-GREY-TREMOLITE-10-15% CAR 4T 2-3% LOCAL SKN BNDS	
	934.0			AS TO 907.6-ONE MT CUBE C.8	INCHES
	935.6 972.0			AS TO 929.1 Meta-as to 92.8-lower ct sha	0.0
	972.0			QTE -SIMILAR AS TO 57.7-5-10	
· · · · · · · · · · · · · · · · · · ·	<u> </u>	<u></u>		INCT PORPHYRIES-LOWER CT IRRE	
	977.1	3.6		NETA-AS TO 92.8-FG-FOTD-BIGT LOWER CT SHARP 75	ITIC CTS 70
	985.2			QTE -SIMILAR AS TO 57.7	
	986.3	·		SIMILAR AS TO 907.6-BIOTITE DMING AMPHIBOLE RICH DOWNHCLE	
	987.9			AS TO 933.0	
	994.9	7.0		60-75% LONG OLIVINE NEEDLES- TALCOSE MATRIX-SHARP CTS-MT 3	
č	995.8	0.9	UM	AS TO 933.6-MT 18	
					ECREHOLE# 55327-0 SAKAMI PROJECT PAGE# 9
<u></u>		······································			TURNER AFTER V VARALA CRUVEN FAULR 7

	DEPTH	LENGTH MNZN	ROCK DESCRIPTION ANG
	996.2	0.4	UM SIMILAR AS TO 933.6-CG-TRENOLITIC
	997.2	1.0	SKN AS TO 929.1
	998.8	1.6	SKN AS TO 822.7-NUMEROUS BNDS BRCWN COLC
			URED STAIN (FE )
	999.2	0.4	AMPH AS TO 907.6-MT 10-128
	1001.2	2.0	SKN AS TO 822.7-LOCAL BNDS UM (907.6)
	1002.4	1.2	UM AS TO 907.6-MT 3-4%
	1014.9	12.5	UM AS TO 994.9-MT 1-28
	1017.0		
		2.1	UN AS TO 907.6-MT 2-3%
	1017.6	0.6	SKN AS TO 929-1
	1019.8	2.2	SKN AS TO 822.7
	1029.7	9.9	SKN AS TO 822.7-INTERBANDS AS TO 929.1
	1037.3	7.6	GWKE META-INTERBANDED BEDS (COMPOSITIONAL
			VARIATIONS)-AMPHIBOLE RICH (MG GREEN
		<ul> <li>a subscription of a Solid America and a</li> </ul>	) & BIOTITE RICH-LOCAL QTZ RICH ZONE
			S (FG-MG-BROWN GREEN)
	1038.7	1.4	QTE FG-GREY-MASSIVE-GRANULAR-5-1C% MICA
			CHLGRITE (MAINLY STRS)-LOCAL GTZ RIC
			H ZONES-NUMEROUS SMALL FRACTURES
	1044.6	5.9	GWKE META-AS TO 1037.3-LOWER CT SHARP 70
	1048.8	4.2	QTE AS TO 1038.7 70
	1057.7	8.9	RDCT QTE -SIMILAR AS TO 57.7 70
	1058.6	C.9	QTE FG-GREY-MASSIVE-GRANULAR-MICA CHLORI
	100000		TE 1-28-LOWER CT SHARP 75
	1063.7	5.1	RDCT AS TO 105.7
	1063.9	0.2	GWKE META-AS TO 1037.3 75
	1064.2		
		0.3	ROCT AS TO 1057.7-LOWER CT SHAFP 75
	1066.5	2.3	GWKE META-AS TO 1037.3-BNDS AS TO 409.0 75
	1075.1	8.6	RDCT AS TO 1057.7
	1079.8	4.7	QTE AS TO 1038-7-LOWER CT SHARP
	1084.1	4.3	RDCT AS TO 1057.7
	1092.8	8.7	QTE AS TO 737.9-LESS MAFIC MORE SERICITI 80
		· · · · · · · · · · · · · · · · · · ·	<u>C</u> <u>D</u> CWNHQLE
	1101.9	9.1	QTE AS TO 772.6-LUCAL MAFIC RICH BNDS (B
			EDS)-FOTD 50 TO 80 DOWNHOLE
and the second	1102.1	0.2	GWKE META-FG-NG-DK BROWN-BIOTITE RICH
	1103.1	1.0	QTE AS TO 737.9 75
	1110.1	7.0	QTE AS TO 772.6-LOCAL MAFIC BNDS 75
	1113.1	3.0	QTE MICACEDUS-FG-MG-GREY
	1117.7	4.6	RDCT AS TO 563.6-LOWER CT SHARP 80
	1118.6	0.9	ARK META-AS TO 831.2-LOWER CT SHARP 80
	1124.5	5.9	GWKE META-AS TO 1037.3-1122.5 TC 1123.7 B
	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	2.2.2	EDDING CONTURTED (SLUMPING)
	1126.6	2.1	ARK NETA-AS TO 831.2
·····	1127.0	<u>G.4</u>	GWKE META-AS TO 1037.3-CONTORTED BEDDING
	1141.4	14.4	RDCT AS TO 563.6
	1145.4	4.0	GWKE META-METADIABASE-BIOTITIC-SIMILAR AS
			TO 409.0
	1145.9	0.5	GWKE META-AS TU 1037.3
	1146.4	0.5	SKN AS TO 929.1
	1147.2	0.8	GWKE META-AS TO 1037.3-50% SKN AS TO 929.
	1147.7	0.5	AMPH LARGE BLACK HURNBLENDE IN FG CK GREE
· · · · · · · · · · · · · · · · · · ·			N AMPHIBOLE MATRIX
	11/0 0	1 7	
	1149.0	1.3	UN AS TO 933.6-NT 1%

		1152.1 1152.8	3.1 0.7	SKN Um RDCT	C DESCRIPTION AS TO 929.1 AS TO 933.7-MT 2-3% CAS TO 1057.7-LOCAL QTZ BNCS WITH BLA CK HORNBLEND CRYSTALS UP TC G.2 INCH	ANG	
		1182.0		DIA	ES-1154.2-PY RICH FRACTURE PLANE META-AS TO 92.8- FOOT OF HOLE SPECTROMETER READINGS WITH SCINTREX GIS-3 NUMBER 905 107 THIN SECTIONS AT 23.1 218.3 229.4 333.3 402.5 765.9 931.7 998.C	<b>70</b>	A Common Processing of the second
							e e e e e e e e e e e e e e e e e e e
	·····						
<b>B</b>							
				<i>~</i>			
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						•	
						CREHOLE# 55327-0 SAKAMI PROJECT PAGE#11	

BOREHOLE# PROPERTY 55328-0 SAKAMI LAKE ************************************	33F 9E 40 ************************************	BOREHOLE RECORD ************************************	DEPARTURE ELEVATION L W 1200 ***********************************	PROCESSED APR 01,1974 CHK • D EVEL DATE ********************************
		**************************************	**************************************	**************************************
*****	DEPTH LENGTH MNZN RC 0.0 0.0 97.0 97.0	SAMPLE ENTRIES	ANG T CB R OVER	*******
		6+20S FOOT OF HOLE		
		• • • • • • • • • • • • • • • • • • • •		
	•		BCREHQLE# 55328-0	O SAKANI LAKE PAGE# 1

		BOREHOLE RECORD ******	DATE PROCESSED AP	-
	BOREHOLE# PROPERTY NTS# SH# A		ATITUCE DEPARTURE ELEVATION LEVEL	
·		763 180 00 -45 00		****
	******	*********		****
	INC DEPTH AZIMUTH DIP DEPTH AZIMUTH CIP DEPTH	LINATION AND TROPARI TESTS		
			15 30 500 -13 00	
	600 -11 30 700 -10 00			
	<b>本出放射全球的水力</b> 达水力之。	*******	************	***
	TOPS OF WEDGES ************************************	****	*****	
			COMMENTS	* * * * * * * * * * * * *
	LOGGED BYDEBICKI E J STARTEDJULY 20,19		DRILLEE INSPIRATION ERS 1-AC CORE-PERMIT 547	
			32 FEET AW CASING & AW CASING SHOE LEFT IN H	DLE
	* ***** * *** * * * * * * * * * * * * *	**************************************	***************************************	*****
	DEPTH LENGTH MNZ		N ANG	
	0.0 0.0	COLLAR		
		UN TYPES A & C AS DEFIN	ED IN EORE	
		HOLE 553C3		
	32.0 32.0	OVERBURDEN-SAND & SMA1 CASING TO 34.0 FEET-ST		
	46.6 14.6	DIA META-MG-GREY GREEN-AMF		
	n an	PAR	en a futura de la construction de la construcción de la construcción de la construcción de la construcción de l	
	47.1 0.5	SKN CG-PALE GREEN-DIOPSIDE	& CALCITE RIC	
	49.4 2.3	H-MONOR GTZ		
	49.4 2.3	VOLC ANDESITE-BASALT-AMPHIE REEN-LOCAL SKN BNDS 259		
		RP BUT INDISTINCT	-CONER CI SHA	
	50-2 0-8	QTE FG-MG-GREY-GRANULAR-10	-151 CHLORITE	
		MICA-LOWER CT SHARP AT		
	50.5 0.3	GWKE META-ANPHIBOLITIC-MG-L OLE RICH-MINOR FELDSPAR		
	62.6 12.1	QTE AS TO 50.2-LESS MAFIC		
		QTZ RICH & WEAKLY FOTD		
	78.2 15.6	QTE FG-NG-GREY-MAFICS 5-10		
		ALL BNOS ALONG FOTN PLA		
•		<u>KLY SERICITIC &amp; LESS MA</u> D 55 AT 72.7, 40 AT 74.		
	80.5 2.3 MVV	W QTE AS TO 78.2-LOWER CT SH		
		18-9-13 CPS		
	81.0 0.5 MVV	W GWKE AS TO 50.5-CUARSER GRA	INEC-SPKS PY 30	
	83.2 2.2 NVV	1% W GTE AS TO 78.2-SPKS PY 13	- 22-26 FDS AT	
		81.7, 9-13 CPS AT 82.7	- <u>46 - 67 VFJ A1</u>	
	83.6 C.4 MVV	W QTE AS TO 78.2-10-15% MAFI	C RICH FOTN PL	
		ANES-OCC QTZ GRITS-SPKS		
		CPS AT 83-3; 50-64 CPS		
	88.6 5.0 MVV	N QTE AS TO 78.2-FOTD 50 TO KS PY 18-86.5-86.9-CG-		
		TY GTE BED WITH HEMATIT		
		%)-9-13 CPS-30-42 CPS A	T 85.1	
	97.5 8.9	QTE AS TO 78.2-WEAKLY FOTO		
	101.6 4.1	QTE SIMILAR AS TO 78.6-WEL	L FUTU (MAFIC 40	
			EGREHOLE# 55329-0 SAKAMI PROJEC	

	DEPTH	LENGTH	MNZNI		DESCRIPTION RICH FOTN PLANES)-LOWER CT SFARP 40	ANG
	112.6	11.0	i	DIA	META-AS TO 46.6-LOWER CT SHARP 40	
	119.9	7.3			110.7-112.6-LOCAL SKN & QTE ENDS	4.0
	117+7	€. ● }.	•		AS TO 78.6-VERY WEAKLY FOTD-LOCAL BN DS DK GREEN NUMEROUS STRS AMPHIBOLE	40
	122.3	2.4			MG-BUFF GREY-GRANULAR-5% MICA CHLORI	
					TE-5-10% HEMATITE STAINING-LOWER CT Sharp	
· · · · · · · · · · · · · · · · · · ·	136.4	14.1			FG-MG-LIGHT GREY-SERICITIC-4-5% MAF1	40
					CS MAINLY AS MICA CHLORITE RICH FOTN PLANES & BNDS-LOWER CT SHARP	
	138.5	2.1	1		META-AS TO 46.6-CTS WEAKLY FOTD	40
	143.0				AS TC 78.2	50
	144.0	1.0	(	QTE	AS TO 136.4	
· · · · · · · · · · · · · · · · · · ·	144.5	0.5		QTE	AS TC 122.3	
	151.1				AS TO 78.2-32-40 CPS AT 46.8	60
	153.8				AS TO 136.4	
and the second	155.2			QTE		50
	156.9				AS TO 122.3	
	158.5				AS TO 78.2-SPKS PY 18-9-13 CPS	50
No	163.6	2.1	MVVW		AS TO 78.2-WEAKLY FOTD-SPKS PY 18	50
					44-54 CPS AT 158.8, 26-36 CPS AT 159	
					.1, 9-13 CPS AT 159.9, 28-36 CPS AT	
and the second secon					160.3, 17-22 CPS AT 161.0, 30-42 CPS	
					AT 161.3, 9-13 CPS AT 16 .C, 11-17 CPS AT 163.3	
	166.8	3-2			AS TO 78.2-WEAKLY FOTD-SPKS PY 1%	50
	20000				58-70 CPS AT 163.7, 100-130 CPS AT	
					164.0, 30-40 CPS AT 164.4, 68-78 CPS	
					AT 165.6, 17-25 CPS AT 166.4, 20-36	
	<ul> <li>Appl. 1.1.2 Statement of the apple of a statement of the stat</li></ul>	*****	na nanan na akara si sa bara na an		CPS AT 166.7	
	167.6	0.8	MVVW (	QTE	AS TO 78.2-HIGHER MAFIC CONTENT-SPKS	
					PY 18-50-60 CPS AT 166.9, 42-52 CPS	
					AT 167.1, 64-78 CPS AT 167.5	
	169.0	1.4	NVVW (	<b>QTE</b>	AS TO 78.2-SPKS PY 18-28-36 CPS AT	
and the second		· · · · · · · · · · · · · · · · · · ·			167.8, 17-22 CPS AT 168.5	
	169.4				AS TO 136.4-SPKS PY 18-17-22 CPS	
	171.9	2.5	MAAM (		AS TO 78.2-SPKS PY 18-17-22 CPS ATK	50
					170.1, 22-27 CPS AT 171.6, 34-46 CP	
		•			S AT 171.8	
	175.2				AS TO 78.2-20-30 CPS-LOWER CT SHARP	
	180.7	5.5	1	JIA	META-AS TO 46.6-WEAKLY FOTO-SPKS PO	50
					1%-WEAKLY MAGNETIC-LOWER CT SHARP & Irregular	
	182.7	2.0	ť.		AS TO 50.2-25-30% DK GREEN AMPHIBOLI	
and the second	106 . 1	<u> </u>	<u>u</u>		TIC BNDS & STRS	
	183.4	0.7	6		AS TO 136.4	50
	187.5				AS TO 50.2-WEAKLY FOTO	50
	193.7	i i i i i i i i i i i i i i i i i i i			AS TO 78.2-LUCALLY SERICITIC RICH ZO	and the first second
	_ · _ • • •				NES-SPKS PY 11-20-32 CPS	
	194.6	0.9	NVVW (		AS TO 78.2-SPKS PY 18-38-48 CPS AT	50
					193.8, 60-80 CPS AT 194.1, 34-52 CPS	
					AT 194.5	
an a	197.3				AS TO 78.2-SPKS PY 12-11-17 CPS	50
	198.7	1.4	MVVW G	<b>TE</b>	AS TO 136.4-SPKS PY 12-20-30 CPS AT	50

	DEPTH	LENGTH	MNZN RO	CK DESCRIPTION 197-8, 28-38 CPS AT 19,.1	ANG
	199.5	0.8	MVVW QT	E FG-MG-GREY-GRANULAR-50% IRREGULAR B DS METAGWKE (AMPHIBOLE BIOTITE GARNE	
				TS) DECREASING IN CONTENT COWNHOLE-W	
				EAKLY FOTD-48-60 CPS AT 198.4, 32-38	
				CPS AT 198.8, 100-120 CPS AT 199.1,	
				58-66 CPS AT 199.4	
	201.2	1.7	MVVW QT	E AS TO 78.2-LOWER CT SHARP-SPKS PY	1
· · · · · · · · · · · · · · · · · · ·				8-22-27 CPS	
	202.7	1.5	QT	E FG-YELLOW GREY-SERICITIC-NAFIC BEDS	
				(BNDS) CHLORITE MICA-X-BEDDED 10 DEG	
				REES, 20 AT 201.3, 50 AT 202.0-QTE	
				UNITS BELOW THIS UNIT ARE FAINLY PUR	
				E & HIGHLY SERICITIC-DEPOSITIONAL EN	
· · · · · · · · · · · · · · · · · · ·			~ •	VIRONMENT CHANGE	
	210.8	14.1	Q I	E PURE-WHITE-YELLOW TINGE-SERICITIC-M	1 50
	372 /	<b>4</b> 4	0.1	NOR MAFICS-WELL BEDDED & LAMINATED	50
	223.4			E AS TO 216.8-HEMATITE UP TO 5-6% E AS TO 216.8	50 50
	245.3			E AS TO 202.7	50
	250.9			E AS TO 216.8	50
	256.2			E AS TO 202.2	60
	261.0			E AS TO 216.8-LOCAL HEMATITIC GTZ GRA	
				NS	
	261.2	0.2	QT	E AS TO 202.7	65
	261.4	0.2	GN	KE META-MG-CG-PALE GREEN-CHLCRITE RICH	- 65
				MICA-FELDSPAR-CLOTS SPKS PY PO 2-3%-	
				GRADES INTO FOLLOWING UNIT	
	261.8		-	E AS TO 202.7	
	282.0	20.2	QT	E AS TO 216.8-LCOAL STREAKS GREEN FUC	H_65
				SITE	
	282.3			E AS TO 261.0	65
	286.1			E AS TO 216.8	65
	287.6			E AS TO 202.7 E AS TO 216.8	65 65
	289.9 291.6	2.3 1.7		KE META-AS TO 261.4-INTERBNACS CTE 25%	
	63400		U A	AS 10 202.7	
	292.3	0.7	07	E AS TO 202.7	70
	293.0			KE META-AS TO 291.6	70
	294.2			E AS TO 202.7-LOWER CT SHARP AT 70	70
	298.4	4.2		A META-AS TO 46.6-FG CTS	
	302 - 1	3.7		E AS TC 216.8	70
	304 - 2		DI		
	305.8	1+6		E AS TO 216.8	70
	306.6	0.8		E AS TO 202.7	70
	313.5	6.9		AS TO 216.8	70
	314.3	0.8		AS TO 202.7-SPKS PY PO 11	70
	316.0			AS TO 216.8-LOWER CT SHARP AT 70	70
	316.6	0.6	QT	AS TO 202.7-MAFICS 10-158-CHLORITE	70
				MICA-DECREASING DOWNHOLE-LOWER CT SH	
	275 4	~ ~	~ <b>~</b>	ARP AT 70	30
	325.9	9.3		E AS TO 216.8-LOWER CT SHARP 75 A METAHAS TO 46 AHER CISHVER AT CENTRI	70
	339.1	13.2	nt	A META-AS TO 46.6-FG CTS-VCG AT CENTR OF UNIT-LARGE BLACK CLOTS MICA AMPHI	5
and a second		وروراني والمترافية ومعرور والمروار والمراز	an dhata shekara ar a anas	BOLE-LOWER CT SHARP AT 75	
				WWELL EUREN OF JUMMAR MILLS	

		N ROCK DESCRIPTION ANG
349	•2 10.1	QTE AS TO 216.8-MINOR HEMATITIC STAINED 70 ZONES
349	.7 0.5	QTE AS TO 223.4 70
381		QTE AS TO 216.8-LOWER CT SHARF AT 70 70
		377.8-378.1-WHITE MASSIVE CTZ VEIN
383	.7 2.5	QTE AS TO 202.7 70
384		GWKE META-AS TO 261.4-CTS SHARP 70
384	•9 0•9	QTE DIRTY-(CLEAN METAGWKE )-FG-NG-NEDIUM
A construction of the second		GREY-CHLORITE MICA (15-20%) NAINLY
		ALONG BEDDING PLANES-MINOR MICA-SEVE RAL GARNETS-SHARP CTS 70
394	•6 9.7	QTE AS TO 202.7  70
398		QTE AS TO 384.9 70
402		QTE AS TO 216.8-SLIGHTLY MAFIC CONTACTS
		-PURE SERICITIC TO CENTRE OF UNIT
403	•6 1.6	GWKE META-AS TO 261.4-LOWER CT SHARP BUT 80
	_	INDISTINCT
410		DIA META-AS TO 46.6-FG-LOWER CT SHARP
412		QTE AS TO 202.7
413	.5 1.5	QTE AS TO 384.9-NUMEROUS TREMCLITE NEEDL ES-LOWER CT SHARP & IRREGULAR-SPKS
		PY 1%
414	.0 0.5	QTE AS TO 202.7
457		QTE AS TO 216.8-NON-YELLOWISH-WEAKLY FOT 70
	energener en	D TO MASSIVE-STREAKS FUCHSITE-455.1
		TO 456.5 NUMEROUS SMALL FRACTURES
461		QTE AS TO 202.7-LOWER CT SHARF 7C
462	•2 0.6	GWKE SIMILAR AS TO 384.9-MORE MAFIC WITH
		NUMEROUS TREMOLITE NEEDLES-LOWER CT Sharp but indistinct
465	•5 3•3	DIA META-AS TO 46.6-FG
467		VOLC AS TO 49.4-SHARP CTS
471		DIA NETA-AS TO 46.6-FG
473	.8 2.0	VOLC AS TO 49.9-SHARP CTS
481		DIA META-AS TO 46.6-LOWER CT SHARP
482	.5 1.2	QTE MICACEOUS-FG-GREY BROWN-LCCAL BIGTIT
492	r 1.4	E RICH STRS-LOWER CT SHARP
483	• 5 1 • 4	QTZ VEIN-WHITE MASSIVE WITH 50% AMPHIBO LITE IRREGULAR INCLUSIONS (OK GREEN
		MG-AMPHIBGLE RICH)-LOWER CT SFARP
485	.2 1.3	SKN DK GREEN-CG-DIOPSIDE RICH-MINOR CALL
		ITE
486	•4 1•2	UM MG-GREY-SLIGHTLY TALCOSE-CARBONATE 5
		-10%-MT CUBES 3-4%
487		SKN AS TO 485.2
487		UN AS TO 486.4-NT 3-4%
489 493		SKN AS TO 485.2
492	3. <u>6. (</u>	UM AS TO 486.4-SEVERAL UNDULATING FLOW CTS-LOWE CT SHARP AT 65-MT 3-43
508	2 15.0	UM SRPD PERIDUTITE-TYPE A-CG-BLACK TO
		LIME GREEN-LOCAL ZONES LESS SAPD &
		LOCAL BNDS HIGHLY SRPD-NUMEROUS SMAL
		L SERPENTINE FILLED FRACTURES-MT 2%
	.2 15.0	UM AS TO 508.2-MT 1-2%
538	.2 15.0	UN AS TO 508-2-MT 1-2%
		BGREHOLE# 55329-0 SAKANI PROJECT PAGE# 4
		CUNLINULER JJJ23-V JANARI PRUJELI PAGER 4

	DEPTH	LENGTH MNZ	N ROCK	DESCRIPTION ANG	
	553.2	15.0	UM	AS TO 508.2-FG & LESS SRPE DOWNHOLE-	
				AT 1-2%	
	559.8			AS TO 553.2-NT 1-2%	
	560.6	0.8	MU	VFG-DK GREEN-AMPHIBOLE CHLORITE-ALTE Red CT ZONE-MT 3-4% (CUBES)	
	564.5	3.9	DIA	META-AS TO 46.6	
	565.2	0.7	UM	AS TO 560.6-MT CUBES 4-5%	
	565.6	0.4	UM	FG-GREY-TALCOSE-TREMOLITE SUNS-MT 1	
	566.4	0.8	UM	VFG-GREY-TALCOSE-MASSIVE-NT 1-2%	
	567.0	0.6	UM	TYPE C-LARGE EQUANT BLACK CLIVINES	
	567.6	0.6	UM	TYPE A-10-15% TALCOSE MATRIX	
	569.1	1.5	UM	TYPE C-NT 1-2%	
	569.5	0.4	UM	TYPE A-MT 1-2%	
	570.9	1.4	UM	TYPE C-MT 1-2%	
	571.1	0.2	UM	AS TO 566.4-MT 1-28	
	572.4	1.3	UM	AS TO 560.6-MT 1-2%	
	575.4	3.0		META-AS TO 46.6 FG-MG-GREY-MASSIVE-GTANULAR-5-10% MI	
	584.5	9.1		CA-LOWER CT BIOTITC	
	584.9			AS TO 560.6	
	585.1		UM	AS TO 565.6	
	588.6	3.5	UM	AS TO 508.2-MT 2-3%	
	603.6	15.0	UM	CG-MEDIUM GREY-EQUIGRANULAR-SLIGHTLY ALTERED PERIDOTITE-MT 1%	
	618.6		U M	AS TO 603.6-MT 1%	
	626.2	7.6	UM	AS TO 603.6-MT 1%	
	628.7	2.5	LC	GRAUND CORE	
and the second secon	640.0	11.3	UM	AS TO 603.6-MT 1%-INDISTINCT FLOW CT NT 633.0	
	644.8	4.8	LC	GROUND CORE	
	659.8	15.0	UM	AS TO 603.6-MT 1%	
	674.8	15.0	UM	AS TO 603.0-MT 1%	
	679.0	4.2	UM	AS TO 603.6-MT 12-676.5-679.0-SMALL /UGS WITH FIBROUS ASBESTOS	
a a a a a a a a a a a	680.9	1.9		TYPE A-75% BLACK EQUANT CLIVINES-MT L&-LOWER CT SHARP (FLOW)	
	682.0	1.1	UM	TYPE C-BLACK EQUANT OLIVINES (50%) JP TO 0.6 INCHES-MT 1%	
	697.0	15.0	UM	AS TO 603.6-MT 1%-682.7-685.4-0.2 IN CH VUGS (25%) FILLED WITH FIBROUS	
	712 2	14 0		ASBESTOS AS TO 603.6-MT 1%-NUMEROUS MT RICH	
	713.2			STRS	
	715.8	2.6		TYPE C-MT 1%	
	716.5	6.7		TYPE A-MT 18	
	717.3	0.8		TYPE C-MT 1-2%	
	717.7	0.4		TUPE A-MT 1-2%	
	718.6	<b>C</b> .9		TYPE C-MT 18	
	719.0	0.4		TYPE A-MT 18 TYPE C-MUSKY BLACK DLIVINES (35-409)	
	722.1	3.1		TYPE C-HUSKY BLACK OLIVINES (35-40%)	
	724.5	2.4	UM	IT 1-2% TYPE C-LARGE PRISMATIC OLIVINES-MT 1%	
an a	728.8	4.3	UM	AS TC 560.4	

				C DESCRIPTION	ANG
	733.0	4.2	UM		
	734.2	1.2	UM	TYPE A-MT 1%	
	735.1	0.9	UM	TYPE C-LARGE HUSKY TABLETS-NT 18	X
	735.5	0.4	UM	TYPE A-MT 18	
	735.7	0.2	UM	TYPE C-MT 1%	
· · · · · · · · · · · · · · · · · · ·	736.1	0.4	UM	TYPE A-MT 18	
	736.8	0.7	UM	TYPE C-NT 1% Type A-MT 1%	
	737.1	0.3	UM UM		
	737.5 738.0	<u>6.4</u> 0.5	UM	TYPE C-MT 1% Type A-MT 1%	
1	740.8	2.8	UM	TYPE C-MT 18	
	741.6	6.8	UM	TYPE A-25% MATRIX-MT 1%	
	743.7	2.1	UM	TYPE C-MT 13	
	744.8	1.1	UM	TYPE A-MT 18	
	747.4	2.6		VARIETY TYPE C & A-EQUANT OLIVINES	
				UP TO 75%-MT 1%	
	748.1	0.7	UM	TYPE A-MT 18	
	752.1	4.0	UM	TYPE C-LARGE HUSKY TABLETS-PT 18	
1	759.6	7.5	UM	AS TO 747.4-MT 1%	
<b>N</b>	762.0	2.4		AS TO 560.6-MT CUBES 7-8%	
	762.5	0.5		AS TO 566.4-MT 2-3%	
	763.0	0.5	UM	AS TO 747.4-MT 1%- FOUT OF HOLE Spectrometer readings with scintrex GIS-3 NUMBER 905 107	
	n ana ana ang ang ang ang ang ang ang an			n de Franke, de nederski se	
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A					ECRENCLE# 55329-0 SAKANI PROJECT PAGE# 6

8			BOREHOLE RECORD *********	DATE	PROCESSED APR 01,1974
	BOREHOLE# PROPERTY	NTS# SH#	ANOM# DEPTH AZIMUTH DIP LATI	TUDE_DEPARTURE ELEVATION L	
$\left( \right)$	5330-0 SAKAMI LAKE	33F 9E	40 179 165 00 -50 00 S		DATE
	******		***************************************	********	*******
	DEPTH AZIMUTH DIP DEPTH		CLINATION AND TROPARI TESTS H AZIMUTH DIP DEPTH AZIMUTH DI	F CEPTH AZIMUTH CIP	
	TOPS OF WEDGES	· · · · · · · · · · · · · · · · · · ·	**************************************	**************************************	*******
:			973 COMPLETEDJULY 20,1973 DRL NO.	C T.WAKEGIJIG EXT CORE ON A 551 TWP 3219 ALL CAS RECOV	ERED
	** *** * * * * * * * * * * * * * * * * *	****	******	******	*** ****
		CEPTH LENGTH MN	SAMPLE ENTRIES	ANG	
		0.0 0.0	ZN ROCK DESCRIPTION COLLAR	ANG	
		89.0 89.0	The second s		
		108.2 19.2		Z MINOR	X
			LOCL SCHD PLLT-LIKE CRBD-C LOCL SHRD AT 98.2 & 103.7 VEIN AT 97.3 FEW SPKS PY-P TS-C-73-3871 @ 97* META GW	ARE STRS 75 2 IN GTZ C	
			META AND		
		113.3 5.1 MV	VW VOLC AS TO 108.2 MORE SCHD MOR FINE CARB STRS 2 IN GTZ VEIN AT 110.7 FEW FINE SPKS PO MINDR PY	E ENDD-LIKE 70	
		115.4 2.1 MW		TO LOWER	
		116.5 1.1 MVV	10% PY 5% AS STRS & BLBS W SKN FG-MG FBRS AMPB OR PRXN L Carb Locl Biotitic PO 2-4%		<b>.</b>
		119.0 2.5 M	SPKS QTZ CARB AS TO 115.4 CARB CNT <u>Prev Sharp CT PD 30</u> -35% PY 5% Less PY	N LESS THAN 75	
		121.5 2.5 MW	TO LOWER CT MTC	CNRC TO 70 2% Py 2-3%	
		122.0 1.1 MVW	N SKN AS TO 116.5 PY-PO LOCL 2- FINE SPKS		
		134.8 12.2	DIA F-MG RATHER DIO-LIKE FSP- Some QT2 MASS TO FOTD NATU SPKS AT CTS		
		135.3 C.5 MVM	N QTE DIRTY POSS QTZ-RICH ARK A		
		130-2 0.9 MVV	BNDD NATURE GY PY 5-6% PO W ARG AS TO 121.5 MODY GRPC CRB	C FEN GTZ	
		and the second	BLUS-PRESS SHADOWS( ) PY- Po 8-10%	70	
	· ·			BOREHOLE# 55330-	Q SAKAMI LAKE PAGE# 1

		LENGTH MNZN		
	140.9	4.7 MW		CARB AS TO 115.4 QTZ VING MODY MTC LOCL SKN-LIKE FBRS AMRE OR DRYN DY DO
				AMPH OR PRXN PY-PO LOCL TO 15% ARSENO- PYRITE AT LOWER CT
No an ann an Annaich an an an Annaich an an ann an	143.3	2.4 MVW	QTZ	5-8% VEIN MASS M-CG SOME CARB SHARP CT 60
a na manana ana ang manana ang mananana ang manana ang manana ang manana ang manana ang manana ang manana ang m	145.9	2.6 MVW	SCH	ARSENOPYRITE 2-3% LOCL CHL-CARB LOCL ATZ BLBS LOCL SOME AMPB F-MG BNDD NATURE FINE CARB STRS 60
	147.4	1.5 MVW	QTZ	MIN PY-PO LOCL 4-5% SPKS & BLBS Carb AS To 115.4 PO 5-6% Locl up to 15% WKLY MTC
	150.7	3.3 MW	SCH	AS TO 145.9 LOCL LARGE AMPB BNDD 70 Locl skn-nature wkly mtc
	152.7	2.0 MVVW	SCH	PO 5-8% LOCL UP TO 12% As to 145.9 Amph Schd to Mass mg few 70 Po spks
	153.3 157.2		QTZ SCH	CARB AS TO 115.4 PY 15% STRS & CUBES As to 145.9 Only Locl Ampb More SLCS FSP ALSG BIOT MIN PY 5-8
				X AT UPPER CT TO 3-4% At lower po very minor
	162.2	5.0 MVVW		AS TO 108.2 QUITE SCHD BICTITIC CRBD 70 APNC-FG GENERALLY MORE MASS NATURE DOWN FEW PY
	179.0	16.8	VOLC	<u>SPKS</u> AS TO 106.2 MORE MASS NATURE 2 IN QTZ VEIN AT 163.4 FEW SPKS
				PY TS-C-73-3872 @ 175' META ARGILLACE- OUS ARKOSE FOOT OF HOLE
			(	CONDUCTIVITY GRPT-PY-PC FAIRLY WIDE ZONE MAGNETICS PO
				ана мина и и на полнати и полнати.
	•••••••••••••••••••••••••••••••••••••••			
	······	411-114-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1		

1	BOREHOLE RECORD *********	DATE PROCESSED APR 01,1974
M	BOREHOLE# PROPERTY NTS# SH# ANOM# DEPTH AZIMUTH DIP LATITUCE DEPARTURE ELE	
	55331–0 SAKAMI PROJECT 33F 9N 35 158 180 00 –45 00 N 80 W 25	DATE
	INCLINATION AND TROPART TESTS DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH	CIP
	**************************************	*** ********
	TOPS OF WEDGES ************************************	4*************************************
	LOGGED BYYURIY B STARTECJULY 21,1973 CEMPLETEDJULY 25,1973 DRLE CANICO WINKIE-JF T NO 550 TWP 3218 40	
÷	xx xxx xxx xxx xx xx xx xx xx xx xx xx	*********
-	SAMPLE ENTRIES DEPTH LENGTH MNZN ROCK DESCRIPTION ANG	
	0.0 0.0 COLLAR	
	72.0 72.C OB CLAY & BLDS AN CAS TO 40.C FT EN CAS TO 72.0 FT SUC	
	72.5 C.5 MVVW PLLT BIOT-CHL-FSP APNC-VERY FG SCSS CRBD 60	
	QTZ-CARB TO LOWER CT VUGY FROD AT Lower vague bndd gy py strs cubes & BLBS Locl 2-3%	
	73.6 1.1 MW ARG LOCL GRPC APNC-VERY FG GY-EK CNRD 70 LOCL MORE QTE-CHERT TO LOWER ENDC	
	CRBC AS STRS PY-PO MIN PO TO 25% PY TO 5% UPPER CT SHARP 60 76.0 2.4 MVVW VOLC ALTO CHL-CARB SCH META INT-ANDS POSS 70	
	TECS NATURE SHARP CT WITH UPPER 70 APNC-VERY FG LOCL PRPC CRBE-STRS Vague BNDG Locl Vugy DK Gy-GRN Gy Locl PY-P0 Min to 1-2% SPKS & SML	· · · · · · · · · · · · · · · · · · ·
	BLBS 77.8 1.8 MVW DIKE GR LCRT QTZ-FSP MASS FRCD M-CG PY-PO AS FRCT STRS LOCL 3-5%	
	79-1 1.3 MVW VOLC AS TO 76.0 RATHER SLCS CHLC STGL CRBD PO 2-3% PY MINOR WKLY MTC	
-	91.9 12.8 MVVH VOLC AS TO 76.0 POSS ANDS-TUFF SCSS LOCL 60 BLBY CARB STRS LOCL VUGY	
	VAGUE BNDG FEW QTZ VINS PC LCCL 1-2% 93.5 1.6 MVVW UM ALTD PRDT DK GY-GRN GY TYPE C AS PER 60 BH 55303 MATRIX 765% OLVN TC 1/2 INCH LOCL TO 3/4 CRBD CT VAGUE FLOW NATURE UPPER WELL CRBD SPKS FEW PY-	
-	PO 100.0 6.5 MVVW VOLC AS TO 91.9 MORE MASS NATURE CRBD	
	110.5 10.5 MVVW UMUB GY-DK GY-GRN FG POSS AMPH-AMPB NEEDL E-LIKE NO DEFINITE CT UPPER CR LOWER LOCL BLBY CHLC POSS A TFCS-AMPH UNIT NON-MTC FEW SPKS PY MINOR FO LC	
	107.4-109.1 112.5 2.0 MVW TUFF ( )GY LOCL QUITE SLCS ALSC LCCL CHL 60 VAGUE-GOOD BNDD NATURE SHRC LCCL BLBY POSS VOLC FRAGMENTS PY 1-2%	
		# 55331-0 SAKAMI PROJECT PAGE# 1

	DEPTH	LENGTH MNZN RO	ICK DESCRIPTION ANG LOCL SPH VEINLETS TO 2% LIMGNITIC ZN .75-1.0% CRBD-STRS FGMD CORE	
	117.4	4.9 LC		
	124.6		FF AS TO 112.5 RATHER MASS NATURE STGL CRBD FEW SPKS PY SHRD	$\neg$
	128.5	an a san ann an Ann	SD TFCS ARG GRPC DK GY-BK CNRD BNDD 65 BXTD SLSS FRAGMENTS SHRD-CRBD FGMD CORE SPH 3-4% AT UPPER 1-2% LCCL ELSEWHERE FEW SPKS GAL ZN FOSS 1.0-	
	129.5	1.0 LC	1.5% LC 126.9-127.8	
	129.5			
	4 • 064	(++ 0W 01	SU AS TO 128+5 AGLC BXTD-SLCS FRAGMENTS STGL GRPC PY-PU 10% LOCL TO 15% FGMD CORE	
			FF AS TO 112.4 MORE MASS FEW SCSS ZONES SOME ARK UNITS VAGUE BNDG	
	158.0	16.3 SC	H PARA QTZ-FSP-CHL BNDD NATURE ALSO	
			POSS TFCS GY-LT GRN FEW GT2-FSP VEINLETS FEW SPKS PY STGL CREC FOOT OF HOLE	
		1999 and 1997 and 1998 and 19	CONDUCTIVITY & MAGNETICS-GRPT PY-PO	
			124.6-136.9 SHRD ZONE-MINOR SPH MIN	
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			BOREHOLE RECORD *****	DATE	PROCESSED APR 01,1974	
	NTS#	SHAF A MP	<u>4# DEPTH_AZIMUTH_DIP_LATI</u>	HIPE REDARTHER REEVATION	CHK * D	
			7   62   180   00   -45   00   N		DATE	
			***************************************		UAIC++++++++++++++++++++++++++++++++++++	
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DEPTH AZIMUTH DIP DEPTH	AZIMUTH D		NATION AND TROPARI TESTS Limuth dip depth azimuth di	DEPTH AZIMUTH DIP		
the second se	*****	******	******	<u>  * * * * * * * * * * * * * * * * * * *</u>	*******	
TOPS OF WEDGES						
· · · · · · · · · · · · · · · · · · ·	****	****	* * * * * * * * * * * * * * * * * * * *		******	
				COMMENTS		
LOGGED BYYURIY B	STARTEC.J	ULY 25,1973	COMPLETED. JULY 26,19/3 ORL	J CANICO WINKIE-T WAKEGIJI	G EXT CORE PERMIT NO 551	
				3218 ALL CAS RECOVERED		
******	* * * * * * * * * * * * * * * * * * * *	******	******	********	******	
			SAMPLE ENTRIES			
	DEPTH L	ENGTH MNZN	ROCK DESCRIPTION	ANG		
	0.0	0.0	COLLAR			
	5.0	5.0	EW CAS OB CLAY SOC	a an ann ann an an an an an an an an an		
	13.9	8.9	EW CAS OB CLAY SOC Sch Para Meta Aglc Ark BIOT-F	P-GTZ FG 65		
			GY-DK GY QTZ-CARB STRS BND	NATURE		
			LOCL RATHER BLBY-CARB FEW			
			STRS AT 10.0 FT			
	18.8	4. G MVVH	CH AS TO 13.9 LOCL QUITE SCS	C REW DV		
			SPKS			
	20.8	2 0 MMW	SCH PARA CHL-FSP LOCL QUITE S	CSS LOCL 70		
	20.0	Zev HVN				
	······································		MORE CRBD AREAS FG GRN GY-I			
			CARB STRS MORE MASS NATURE			
			SCSS AT LOWER PY-PO LOCL U			
المرابق والمرابعة والمرابع والمرابع والمرابع والمرابع والمرابع			AS STRS SOME SPKS WKLY MTC	PUSS VERY		
			WKLY GRPC LUCL			
	24.0	3.2 MVVW	CH AS TO 13.9 MORE BNDD NATU	RE MINOR 70		
			QTZ-CARB BNDS CNRD APPEAR			
			S QUITE AGLC FEW SPKS PO			
	28.1		CH AS TO 13.9 NOT AS SLCS F-			
. The second	33.8	5.7 MVW	CH AS TO 20.8 GWKE-NATURE FE	I SNL ARK	a name and a star and an an an and a star and an an and a star and	
			UNITS POSS CLEAN GWKE AT			
			LOWER CT PO FINE STRS &			
			SPKS VERY WKLY MTC PO 108			
	35.4	1.5 MW	ICH AS TO 20.8 BLBY SLCS ZONE:	S GTZ-FSP 70		
			AGLC BNDD LOCL STGL CRBD			
			PO 15-20%			
	36.4	1.0 MVV#	WKE META SUB PUSS CLEAN GWKE I	ICS-BIOT 70		
			FG GY-DK GY FEW SPKS PO			
			TS-C-73-3873 @ 36" META GW	(E		
	38.1	1.7 MVW	TE META AGLC BNDD SCSS BIOT			
			GY-DK GY APPEARS LOCL RATH			
			LOCL AS STRS 3-5% PY MINOR			
			BLBS POSS FEW SPKS CP 2 Q			
			VEIN AT LOWER CT			
			TS-C-73-3874 @ 37.2' ARGILI	ACEDUS		
			QTE			
	39.0	A.O MVH	CH AS TO 20.8 SLCS-MFC BNDS I			
	37 - V	U # 7 FI¥N				
a an			AMPB GNKE-LIKE AT UPPER CT		المراجع المراجع المراجع المراجع المراجع المحمد المحمد المراجع المراجع المراجع المراجع المراجع المراجع المراجع	
			AS FINE STRS & BLBS			
				****	0 CAVANE 000 PCT 010-4 1	
				BUKCHULE# 55332	-O SAKAMI PROJECT PAGE# 1	

	4.0 5.0 MVVW ARK	K     DESCRIPTION     ANG       META AGLC QTZ-FSP SCH( ) NOT AS SCSS 60       AS TO 13.9 RATHER MASS NATURE LOCL       FINE AMPB-META GWKE FG GY LOCL BLBY       VAGUELY LOCL VAGUE BNDD FEW FINE PY-
	2.0 18.0 ARK	PO SPKS AS TO 44.0 30% LC 47.4-49.5 52.4-55.5 60.5-61.5 LOCL QUITE SCSS FOOT OF HULE CONDUCTIVITY & MAGNETICS PC MINOR PY
		LOCL POSS VERY WKLY GRPC
** ** *********************************	· · · · · · · · · · · · · · · · · · ·	
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			BOREHOLE RECORD ***********		DATE	PROCESSED	APR 01,1974
	ы <b>т</b> с <i>4</i>	C 1147 - 4 44				CHK*	D • • • • • • • • • • • • •
BOREHOLE# PROPERTY 55333-0 SAKAMI PROJECT	NISP T 33E						
			8 191 90 00 -45 ******			DAT	E
			INATION AND TROPARI TES		· <del>· · · · · · · · · · · · · · · · · · </del>	*****	********
DEPTH AZIMUTH DIP DEPTH	H AZIMUTH				AZINUTH CTP		
*****	*****	*****	******	*****	******	*****	****
TOPS OF WEDGES							
***************************************	****	*******	******	*****	*****	********	*****
	در معدد معد المعد الع				COMMENTS		
OGGED BYYURIY B	STARTED	JULY 25,197	5 COMPLETEDJULY 31,19	73 DRLE CANICO	WINKIE-JP FOURNIER	IEX CORE P	ERMIT NO
****	de sta de ste ste ste ste ste ste ste		د. مواد ماه مواد مواد مواد مواد مواد مواد مواد مواد	550 TWP 3117	ALL CAS RECOVERED		
*****	*****	** ** ** ** ** *		*****	******	******	****
	CEDT 1	I ENGTH MATE	SAMPLE ENTRIES RCCK DESCR.	TOTION	ANG		
		0-0	CALLAR DESUK.	1 F I 1 4 41	ANG		
	17.0	17-0	COLLAR En cas ob clay & i	BLBS SOC			
	24.1	7.1	VOLC AMPC F-NG AMPB TO	1/4 INCH GUITE	68		
	~~~~		SLCS INT COMPOSITIO		-		
			GRN CRBD SLCS & BLI				
			SPKS VAGUE LNMT				
	29.5	5.4	VOLC META INT MASS-VERY	FG QTZ-FSP-CHL			
			LOCL SOME AMPB CRBI	FEW SPKS PY			
	46 - 0	16.5	VOLC AS TO 24.1 F-MG MG		0		
			LOWER CT LOCL MICS	BIGT-CHL			
		.	QTZ-CARB STRS				
	47.7	1.7 MVW	ARG DK GY-BK BNDD APNO		70		
			SLCS TO LOWER BNDD	80-85 CRBC-STRS	وروار والدور والدور المروانية المروانية والمروانية والمروانية والمروانية والمروانية والمروانية والمروانية والم		•
	£3 E	3 6 1010	FEW PY STRS		***		
	51.5	D.C MVW	ARK META QUITE AGLC LE ZONES-GWKE BNDD GY-				
			PY-PO 2-3%	OKN FO STOL CKBL	l		
	54.5	3.0 MV4	ARK AS TO 51.5 FEW MT	BNDS LOCE STOL M	TC 60		
	7407		PO 203% PY 1-2%	DADD LUCE DIVE M			
	61.7	7.2 MVVW	GWKE META AMPH-FSP-CHL-	-GAR LOCI TRTD AR	κ		
		· · · · · · · · · · · · · · · · · · ·	& FEW AGLC UNITS NO				
			LOWER CT F-MG DK-GF				
			1-2%	<u> </u>		····	
			TS-C-73-3882 a 56*	NETA ARGILLACEOU	\$		
			SEDIMENT				
	67.4	5.7 MVW	SCH GRPT STGL CDCV CRE		G		
		_	10% AS STRS & BLBS				
	69.5	2.1 MVW	SCH AS TO 67.4 LESS CH	BD STRS & BLBS P	0	·	
		a n .	FINE STRS 8-9%				
	75.1		SCH AS TO 67.4 PO 20-2				
	77.8	C.I MVW	IF QTZ-CARB BNDD VAGL	JELY LUCL GRPT SC	H 80		and the second se
	0 5 0	A T MAR	UNITS-CDCV PO 10%				
	83.9	GIT WAM	SCH AS TO 67.4 LC 79.3	-02.3 PL IG 10%			
	87.4	3.5 MVW	FINE STRS & BLBS	-49 1001 TO 109			
	01.04	347 MAM	LOCL GRPT SCH UNITS				
	95.2	7.8 MVW	SCH AS TO 67.4 MORE MA		5 75		
a an			TFCS LOCL STGL GRPC			a an	ومهروب المراجع والمراجع فيرافعهم وتقسم المراجع المراجع فالمراجع المراجع والمراجع المراجع
					BCREHOLE# 55333-0	CAUANT 000	

	DEPTH	LENGTH MNZ	N ROCH	C DESCRIPTION TO 12% MOST PO PY 2-4%	ANG
	97.4	2.2 MVV	W MTSC	APNC-VERY FG DK GY-BK SCSS NATURE	
				LOWER CT CRBD FEW FINE PY-PC SPKS & STRS ARG()	
No. 1 and an and a second s	102.0	4.6	ARK	AS TO 51.5 AGLC TO LOWER CRBD	
	105.5	3.5	MT SE) AS TO 97.4 MORE SLCS PY 1-28 MINOR	
	115.8	10.3	GWKE	EMETA RATHER CLEAN QTZ-FSP-AMPB F-MG Locl Quite CRBD BNDD Nature Locl	80
				CHLC LOCL SCSS FEW PY-PO SPKS & STES 1%	
	118.6	2.8	GWKE	AS TO 115.8 MORE MASS THAN PREV	
	123.5	4 C MAR	L CUM	RATHER CLEAN-SUB-ARKOSE() As to 115.8 AGLC to lower grfr grpc	
	143.3			TO LOWER LOCL ARKOSIC PY	
	100 /	< 1 A4441		-PO LOCL 2%	
	129.6	6.1 MVW	MISL) AS TO 97.4 TFCS GRPC PY-PC 3-4% LOCL Arkosic Units BNDD	75
	137.6			AS TO 51.5 MFC BNDS-GWKE	
	138.7	1.1 MVW	MTS) AS TO 97.4 QUITE SLCS SLLY GRPC PY 5-8%	70
	145.5	6.8 MVV	W ARK	AS TO 51.5 GRPC MTSD LOCL ALSO FEW GWKE BNDS	
	149.2	3.7 MVW	GWKE	AS TO 115.8 PY-PO 3-4% QTZ-CARB BLBS	
	151.8	2.6 MVW) AS TO 97.4 GRPC SLUMPING-XBDD AGLC CNRD PO 3-5%	
	154.0	2.2 MW	MT SC	AS TO 97.4 GRPT SCH PO 12-15% BNDD	80
	157.0		LC		
	161.7	4.7 MVW	SCH	GRPT BK MASS PO 2-3% LOCL 5-6% SLLY MTC	
	166.5	4.8 MVW	MTSE	AS TO 97.4 DK GY-BK PY-PO 4-5%	70
	168.5	2.0 MVV	W ARK	AS TO 51.4 MASS NATURE	
	172.4			AS TO 115.8 FEW PY-PO SPKS LOCL GARS	
	191.0	18.6		AS TO 51.4 FG BIOTITIC TC FCCT OF HOLE POSS CLEAN GWKE	
···· ·· ·· · · · · · · · · · · · · · ·				FOOT OF HOLE CONDUCTIVITY & MAGNETICS-EXTENSIVE GRPT ZONES MIN PY-PO 61.7-95.2 129.6-161.7	

BOREHOLE# 55333-0 SAKAMI PROJECT PAGE# 2

			BOREHOLE RECORD	DATE PROCESSED	APR 01,1974
			ANOM# DEPTH AZIMUTH DIP LATI	CHK	•D
\geq			755 180 00 -45 00 S		ΤΕ
1	******	*****	**************************************		****
	DEPTH AZIMUTH DIP DEPTH AZIM		H AZIMUTH DIP DEPTH AZIMUTH DI	F CEPTH AZIMUTH CIP	
		-41 30 30	0 -36 30 400 -34		
	* * * * * * * * * * * * * * * * * * * *	*****	* * * * * * * * * * * * * * * * * * * *	*************	*****
	TOPS OF WEDGES		****	*******	
	· • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • •	*********	C CMMENTS	*****
	LOGGED BYDEBICKI E J STAR	TEDJULY 29,1		LLEC INSPIRATION BES 1-AC CORE-PERMIT	
	****			FEET AW CASING & AW CASING SHOE LEFT	
	* * * * * * * * * * * * * * * * * * * *	• *** * * * * * * * * * * * * * * *	SAMPLE ENTRIES	**********	******
	OE	PTH LENGTH MN	ZN ROCK DESCRIPTION	ANG	
1		0.0 0.0	COLLAR		
3		9.0 9.0			
		10.5 1.5	FEET AW CASING-START OF CO MTSD METAGWKE -MG-CG-GREY BROW		
		10+7 1+7	GREEN-FIBROUS TREMOLITE AN		
1			E-LOCAL ZONES ACTINULITE R		
			SCHIST (FELDSPAR 30-40% &		
1			AMPHIBOLE RICH ZONES-BANDE		
			TION VARIATIONS)-WELL FOTO PO 1%	-SPKS PY	
		19.5 9.0	GWKE META-METADIABASE -MG-CG-G	REY GREEN- 40	
			BIOTITIC-AMPHIBOLE & FELDS		
			OT 0		
		28.2 8.7	MTSD AS TO 10.5-SPKS PY 12	50	
-	· · · · · · · · · · · · · · · · · · ·	29.3 1.1	AMPH METAGWKE -MG-CG-DK GREEN- AMPHIBOLE-MICA FELDSPAR-WE		
		33.7 4.4	MTSD AS TO 10.5-GRADES INTO NE		
			GWKE META-AS TO 19.5-GRADES IN		
			T		
		36.2 1.0	MTSD AS TO 10.5-GRADES INTO NE		
		37.4 1.2	GWKE META-AS TO 19.5-GRADES GR. O NEXT UNIT	ADUALLY INT 50	
		73.5 36.1	MTSD AS TO 10.5-ACTINOLITE RIC	H-LOWER CT 50	
			SHARP AT 50-SPKS PY 12-TR		
			50.6-PO PY 2-3% ALONG FOTN		
	1	00-2 26.7	GWKE META-FG-MG-DK BROWN GREEN		
			MICA RICH-NUMEROUS QTZ FEL S & EYES ELONGATED PARALLE		:
ł			DEVELOPED MICACEOUS FOTN P		
			PY 18		
	1	00.9 0.7	AMPH MG-CG-DK GREEN-90% AMPHIB		3
			IN MG MATRIX)-WELL FCTD)-L	CCAL ZONES	
k l	1	03.1 2.2	SPKS PO PY 1% SKN FG-MG-GREY GREEN-DIOPSIDE		
	1		CH-MINOR QTZ-INTERBANDS OF		
		and a substance of the second seco	FG AMPHIBOLITE SIMILAR AS		
	1	03.4 0.3	AMP AS TO 100.9 SHARP CTS	a na an an ann an ann ann ann ann ann a	
1				BORENOLE# 55334-0 SAKANI PR	OJECT PAGE# 1

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	DEDT				
	UEPIH 104.0	LENGTH 0.6		E FG-MG-TRANSLUCENT QTZ GRAINS-10-15% INTERSTITIAL GREEN AMPHIBOLE CHLORIT	
>	105.2	1.2	M	<u>E -Sharp CTS</u> SD AS TO 10.5	
	105.7			PH AS TO 100.9-SHARP CTS 45	
	109.4			N AS TO 103.1	
	113.1	77 70 G C		MG-GREY-TREMOLITE NEEDLES-TALCOSE-MT 1-2%-CARBUNATE 5-6%-LOCAL BNDS SKN	
	114.2	1.1	A	PH AS TO 100.9 55	
	115.2			PH MG-CG-GREY GREEN-ACTINOLITE (NEEDLES) RICH-POSSIBLE ALTERED UM	
	117.0	1.8	A	PH AS TO 100.9-SPKS PC PY 19 50	
	117.8	×		PH AS TO 115.2 55	
	118.5			AS TO 113.1-MT 1-28-LOWER CT SHARP AT 60	
	120.5	2.0	A	PH AS TO 100.9-LOWER CT UNDULATING-120. 55 1-1 INCH CALCITE VEIN (LARGE CUBES PV.CLOTS PO CP 2-3%)	
	127.9	7.4	U	AS TO 113.1-MT 1%-WEAKLY FOTD-124.8- 55 FLOW CT WITH CLUTS PO 1-2%	
	128.4	0.5	MVW A	PH AS TO 100.9-LOCAL BNDS QTE AS TO 104 .0-CLOTS PU 4-5%-SPKS PY 1-2%	
	130.4	2.0	MVVW O	E AS TO 104.0-LOCAL SKN-SPKS PO 18	
	134.8	4.4		PH AS TO 100.9-LOCAL CLOTS PC 18-WELL FOTC 50-55	
	136.0	1.2	Δ	PH AS TO 115.2 50	
	138.6	2.6		PH AS TO 100.9-FOTD 50-55	
	139.9	1.3		N AS TO 103.1	
	143.7	3.8		PH AS TO 100.9 50	
	151.3	7.6		AS TO 113.1-MT 1-2% 50	
	152.5	1.2	the second s	PH AS TO 100.9 55	
	154.6	2.1		AS TO 113.1-50% SKN-HIGHLY CARBONACE 55 DUS	
	154.9	0.3	A	PH AS TO 100.9 55	
	156.5	1.6		AS TO 154.6-MT 1%-LOWER VFG-DK GREE N-AMPHIBOLE CHLORITE RICH	
	157.1	0.6	M	SD AS TO 10.5-CG MURE BIOTITC 55	and the second
	166 • 1	9.0		AS TO 113.1-MT 1-28-VFG ANPHIBCLITE CHLORITE CTS-LOCAL SKN-FOTE 40 TO 45	
	• / / ···	A n	. د د	DOWNHOLE	
	166.9	0.8		SD AS TO 157.1 40	
	168.5 177.9	1.6		TH AS TO 115.2-LOCAL SKN ZONES 50	
	177.9	9.4	U	FG-GREY TALCOSE-WELL BANDED (TALC BN DS)-FLOW FOTD 30 TO 40 DOWNHELE-MT 1-2%	
	186.9	9.0	U		
	193.9	7.0	U	AS TO 177.9-FLOW CTS AT 151.7 & 193. 40 9-MT 1-28 LOWER CT SHARP	
	199.9	6.0	GI	E META-(SCHIST)-MG-DK GREEN AMPHIBOLE 45 (ACTINOLITE-TREMOLITE) RICH-POSSIBLE CORDIERITE-LOCAL AMPHIBOLITIC ZONES-	
	200.1	0.2	<u>^</u>	WELL FOTD-SPKS PY 2-3%	
	202.1	2.0		VEIN-WHITE-MASSIVE E META-AS TO 199.9-SPKS PY 2-3%-LOWER 40	

	OEPTH	LENGTH N	NZN ROCK	DESCRIPTION	ANG
				CT SHARP AT 40	
	214.0	11.9 0.8		AS TO 177.9-MT 1-2%-WELL FCTD VFG-DK GREEN-FIBROUS BLACK AMPHIBOL	45
 	214+0	0.0		IN FG AMPHIBOLE CHLORITE MATRIX (ALT	
				ERED CT ZONEJ-MT 2-31	
	225.2	10.4		AS TO 177.9-50% TREMOLITE ACTINCLIT	E 45
	1 N. 201 201 10. 201	and account of		SUNS & BNDS -MT 1-2%	
	225.4	G.2	UM	AS TO 214.8-MT 18	
• · ··· • · · · · · · · · · · · · · · ·	228.7	3.3	GWKE	META-AS TO 199.9	45
	229.1	0.4	AMPH	AS TO 100.9	
	230.6	1.5	UM		45
	230.9	0.3	UM	그는 것이 가지 않는 것이 가지 않는 것이 있는 것이 있는 것이 있는 것이 있는 것이 있다.	
	266.1	35.2		QTE -FG-LIGHT BUFF GREY (TINGE YELL)	3 30
				W)-PORPHYRITIC ZONES-FELDSFAR RICH-	
 				BANDED (COMPOSITION VARIATIONS)-WELL	
	268.4	2.3		FOTD-LOWER OT SHARP AT 40-SPKS PY 1% AS TO 177.9-MT 1-2%	20
	268.7	0.3	UM	AS TO 225.2-MT 1%	30 35
	269.4	0.7		FG-BROWN GREY-QTZ FELDSPAR RICH BND:	· · · · · · · · · · · · · · · · · · ·
	67 7 8 T	V # I		50% TREMOLITE ACTINULITE CALCITE BND	
				S (SKN)	
	270.0	0.6	UM	AS TO 225.2-MT 1-2%	35
	270.9	0.9		DK GREY GREEN-NG CG-AMPHIBOLE 25-40	•
	Net for the factor of the			-BIOTITE 60-75%-LOWER CT SHARP 35	
	272.0	1.1		AS TO 225.2-MT 1-2%	35
	272.3	0.3		AS TO 269.4	35
 	277.1	4.8		AS TO 225.2-MT 1-2%	45
	277.6	0.5		AS TO 269.4	50
	278.8	1.2		AS TO 225.2-MT 1-2%	50
	279.4	0.6		AS TO 269.4	45
	280.3	0.9		AS TO 225.2-MT 1-2%	45
	283.9	3.6 3.1		AS TO 269.4	45 30
 	287.0 296.8	5.8	<u>UM</u> UM	AS TO 225.2-MT 1-28-LOWER CT SHARP AS TO 177.9-MT 1-28-296.5-256.8-ALTI	
	£70+0	7.0		AS TO 177.9-AT 1-28-290.3-230.8-ALTE Red CT Zone	
	301.5	4.7		AS TO 177.9-MT 1-28-300.7-301.5-ALTI	5 60
				RED CT ZONE (MT CUBES 2-3%)	
	316.5	15.0		AS TO 177.9-MT 1-2%-FOTO 3C AT 306.0	
				45 AT 309.0: 60 AT 314.0	
	323.0	6.5		AS TO 177.9-MT 1-2%-FOTE 60 AT 317.0)
				40 AT 319.0, 30 AT 322.0	
	323.2	0.2	UM	AS TO 113.1	
	325.0	1.8		VFG-DK GREEN-AMPHIBCLE CHLCRITE ALTE	
		. .		RED CT ZONE-MT CUBES 2-3%	
	328.6	3.6		METAGWKE -AS TU 270.9-LOWER CT SHARI	
	329.3	0.7		PORPHYRITIC-WHITE QTZ FELCSPAR PORPH	4
				RIES (10-15%)-FG DARKER GREY FELDSP	
				AR MATRIX-LOWER CT SHARP 45-SPKS PY	
	329.5	0.2		1% AS TO 270.9-LOWER CT SHARP	30
	329.5			AS TO 329.3-NON PORPHYRITIC-INTERFIN	
	26701	V # 6		GERED WITH AMPH	3
	333.2	3.5		AS TO 270.9-LOWER CT SHARF AT 35	40
 	347.0	13.8		QTE -AS TO 266. 1-LOWER CT SHARP AT	
,	, , , , , , , , , , , , , , , , , , ,			35-SPKS PY 1%	

	DEPTH L	ENGTH MN	IN ROCK	DESCRIPTION	ANG
	354.1	7.1	UM	AS TO 177.9-NT 1-28	40
	356.4	2.3	UM	AS TO 225.2-MT 1-2%	40
	356.8	6.4		AS TO 269.4	40
	361.6	4.8	UM	AS TO 225.2-HT 1%	40
	364.1	2.5	MTSD	AS TO 269.4	40
	379.1	15.0	UM	AS TO 177.9-MT 1-28	40
	391.2	12.1	UM	AS TO 177.9-MT 1-2%	40
	392.9	1.7	AMPH	METAGWKE -AS TO 270.9	40
	393.2	0.3	MTSD	AS TO 269.4-SHARP CTS	<u>40</u>
	393.7	0.5	AMPH	AS TO 270.9	40
	394 . 3	0.6	UM	AS TO 225.2-MT 1-2%	40
	395.8	1.5	MTSD	AS TO 269.4	40
	397.3	1.5	UM	AS TO 225.4-MT 14	40
	397.5	0.2	MT SD	AS TO 269.4	40
	400.9	3.4	UM	AS TO 177.9-MT 1-2%	40
	401.4	C•5	MTSD	AS TO 269.4	40
	403.7	2.3	UM	AS TO 177.9-MT 1-2%	40
	406.7	3.0	MTSD	AS TC 269.4	40
	408.8	2.1	UM	AS TO 177.9-FOTO 40-60 DOWNHOLE-MT	
				1-2%	
	409.7	C.9	MTSD	AS TO 269.4-FOTD 60-40 DOWNHOLE	
	416.5	6.8	UM	AS TO 177.9-FOTO 40-50 DOWNHOLE-MT 1	
				-2%	
	416.7	0.2	UM	AS TO 325.0-MT CUBES 2-3%	45
	419.9	3.2	UM	AS TO 177.9-MT 1-28	45
	420.1	0.2	UM	AS TO 325.0-MT 1-2% (CUBES)	45
	420.7	C.6	GWKE	META-MG-DK GREEN BROWN-AMPHIBOLE MIC	60
			;	N RICH-MINOR FELDSPAR-WELL FOTC-LOWE	
			l	CT SHARP AT 60	
	420.9	0.2	AMPH	AS TO 270.9	60
	421.2	0.3	ARK	META-FG-MG-GREY-TREMOLITE RICH	60
	421.4	0-2	AMPH	AS TO 270.9	
	421.7	0.3	ARK	META-AS TO 421.2	60
	422.1	0.4		AS TO 270.9	60
	422.7	0.6	GWKE	NETA-AS TO 420.7	60
	423-4	0.7	UM	AS TO 225.2-MT 1-2%	
	424.5	1.1		META-AS TO 420.7	40
	425.1	0.6	AMPH	AS TO 270.9	40
	435.7	10.6	UM	AS TO 225.2-NT 1-28	60
	436.6	0.9		META-AS TO 421.2-TREMOLITE ACTINULI	
			4	() 25%-SHARP CTS	
	437.1	0.5	UM	AS TO 325.0-MT 3-4%	
	451.6	14.5	UM	FG-GREY-TALCOSE-MASSIVE TO VERY WEAK	
			l	Y FOTD-MT 1-2%	
	466.6	15.0	UM	AS TO 451.6-MT 1-2%	and the second
	468.3	1.7	UM	AS TO 451.6-MT 1-2%	
	474.9	6.6	UM	AS TO 177.9-MT 1-2%	
	481.2	6.3	UM	AS TO 451.6-MT 1-28	
	493.6	12.4	UM	AS TO 177.9-MT 1-2%	£0
	493.9	0.3	UM	AS TO 325.0 BUT BIOTITIC	
	496.5	2.6	ARK	META-AS TO 421.2-SHARP CTS	
	496.7	0.2	UM	AS TO 325.0 BUT BIOTITIC	
	511.2	14.5	UM	AS TO 177.9-MT 1-2%	60
······································	512.5	1.3	UM	AS TO 325.0	анимания маналанана на н
	513.1	0.6	ARK	META-SIMILAR AS TO 421.2-MINOR TREMO	

	DEPTH	LENGTH	MNZN			NG
	E1/ 7				LITE-SPKS PY 18	
	514.5 516.5	1.4			AS TO 325.0 BUT BIOTITIC AS TO 177.9-MT 1-2%	40
	522.6	6.1	a second s	UM		60
	522.00	0.1			RP AT 60	
	526.3	3.7	MVVW		FG-MG-GREY (GREEN PATCHES)-15-20% MA	
					FICS (GREEN AMPHIBOLE-MICA-CHLORITE)	
					AS STRS & BNDS PARTLY SELVAGE LIKE	
· · · · · · · · · · · · · · · · · · ·	· •· · · · · · · ·				AROUND OPAQUE TO TRANSLUCENT GRANULA	
					R QTZ MASSES PRODUCING IRREGULAR PEB	
					BLY APPEARANCE-MINOR QTZ GRITS-SPKS	
	527.1	0 ú	MMA		PY 18-11-17 CPS AS TO 525 2-SPYS DV 1-28-34-46 CDS	
	761.1	Ų.€O	177 V I N		AS TO 520.3-SPKS PY 1-2%-36-48 CPS AT 526.4, 58-72 CPS AT 526.7, 38-50	
					CPS AT 527.0	
<pre>- metric is in the second s second second se second second sec second second sec</pre>	532.1	5.0	MVVW		AS TO 526.3-WEAKLY FOTD-SPKS PY 1%	60
					11-17 CPS	
	542.2	10.1				50
	545.2	3.0	MVVW	QTE	AS TO 526.3-SPKS PY 18	50
	547.2	2.0	MVVW	CONG	PEBBLY QTE -ELONGATED AT &G DEGREES	60
					OPAQUE TO TRANSLUCENT QTZ PEBBLES (5	
					0 TO 60%) 0.1 TO 1.0 INCHES LONG IN	
					FG EK GREY QTZ MICA MATRIX-SPKS PY	
a second s					18-17-22 CPS AT 546.0, 22-30 CPS AT	
	548.4	1 2	MAL		546.4, 34-46 CPS AT 547.0 As to 547.2-spks py pc 2-38-68-80 CP	40
	70.4	1	1.5 3. 34		S AT 547.4, 88-98 CPS AT 548.1 (SPSK	80
					PO PY 5-6%), 44-54 CPS AT 548.3	
	548.8	0.4	NVVW			60
	551.0					60
	556.6	5.6			META-ARKOSE -FG-MEDIUM GREY-MASSIVE	
					MINOR MICA-LOCAL ZONES PORPHYRITIC-S	
					PKS PY 1%	
	556.8	0.2				60
	557.1				AS TO 556.6-SPKS PY 1%	
a second s	557.9	0.8				60
	559.8 560.2	1.9 0.4			AS TO 556.6-SPKS PY 1% Meta-as to 420.7	40
	560.8	0.4			AS TO 526.3-SHARP CTS	60
	568.8	8.0			AS TO 556.6-SPKS PY 1%	
	571.5	2.7			VEIN-WHITE MASSIVE	
	572.4	0.9			AS TO 526.3	
	582.4	10.0			AS TO 556.6-LIGHTER GREY-SPKS PY 1%	
					579.9-FLOW CT	
	583.C	0.6			VEIN	a and a second and a second
	585.4	2.4			AS TO 582.4-SPKS PY 1%	
	585.7	0.3			VEIN	
	592.2	6.5			AS TO 582.4-SPKS PY 1%	
	596.1	3.9				35
	601.1	E 0	អហ្ រ ម		GRANULAR-5-10% MICA-MINOR CHLCRITE	
	601.6				AS TO 596.1-SPKS PY 1% AS TO 547.2-75% PEBBLES-SFKS PY 1-2%	26
	001.0	U • 2	(** ¥ 81		AS 10 541.2-15% PEDDLES-SPRS PT 1-2% 38-50 CPS	33
	602.2	0.6	MVW		AS TO 596.1-SPKS PY 1-28-17-24 CPS	
	602.9				AS TO 547.2-75% PEBBLES-SPKS PY 3-4%	MMARAAN ARTING AND
	2					

	DEPTH	LENGTH MNZ		DESCRIPTION -52 CPS	ANG		
	604.4	1.5 MVVI		52 CFS S TO 596.1-SPKS PY 18			
	609.0			ETA-AS TO 420.7-SPKS PY 18	45		
	610.0			IMILAR AS TO 547.2-PEBBLES RO			\rightarrow
	04000			SUBANGULAR (60%)-0.1 TO 0.4			
				SPKS PY 1-28-44-54 CPS AT 609			ļ
			the second se	-70 CPS AT 609.8			
	611.9	1.9 NVVI		S TO 526.3-SPKS PY 1%-SPKS P	V 12		
				-22 CPS	• •		,
	612.3	G-4 MVW		S TO 610.0-SPKS PY 2-3%-88-10	O CPS		
	617.3			S TO 526.3-SPKS PY 1%			
	624.0	6.7		S TO 526.3			
	626.3	2.3		EBBLY-IRREGULAR ELONGATED GTZ	PERRI 60		
	02005	2		UP TO 0.8 INCHES LONG-VARIAB			
				ITY-SPKS PY 14	See he had he		
	626.9	0.6		EIN-WHITE MASSIVE-25% MAFIC I	NCHIST		
	92013	0.0	ON		NCLUJ I		
	627.6	0.7		S EBBLY-SIMILAR AS TO 626.3 BUT	DCARL		
		· · · · · · · · · · · · · · · · · · ·	construction of the second sec	INDISTINCT	T L D U L		
	628.1	0.5		EIN-WHITE MASSIVE-10% MAFIC I	NCIUST		
	020+1	V • J	ON		HULUJ I		
	629.4	1 2 MU/		S TO 547.2-80% PEBBLES DECREA	CTNC CO		
	02.7+4	T+D WAAA					
				SIZE & % DOWNHOLE-SPKS FY 1	4-22-		
a construction of the second	230 £	0 3 MUNU	· · · · · · · · · · · · · · · · · · ·				
	629.6			S TO 526.3-SPKS PY 18			
	629.9			EBBLY-AS TO 626.3-SPKS PY 1%			
	632-1			S TO 526-3-SPKS PY 18	60		
	633.2			S TO 556.6-SPKS 1-28-CTS SHAR			ļ
	634 • 2	T+0 WAM		G-MG-LIGHT GREY-STRS MICA CHL			
energia e e energia e	,	and the second	The second second second second second	DTS PY 2-3%-28-38 CPS AT 633.	preserve and a second	e e e e e e e e e e e e e e e e e e e	
			10	74 CPS AT 633.5, 40-50 CPS A	1 633		
	(3)	A A M M M M	• [< 7 A		
	634.4			S TO 556.6-SPKS PY 1%-SHARP	<u>C12</u>		
8	635.3			S TO 634.2-SPKS PY 1%			8
	635.8			S TO 526.3-SPKS PY 1%	-		.
	643.1	7.3		S TO 556.6-SPKS PY 1-28-EANDE			
:				SITION VARIATIONS)-NUMERCUS S	MALL		
				ACTURES			
	650.2	7+1		S TO 556.6-IRREGULAR INTEREAN			
				SH PINK RHYOLITE -SPKS PY 1-2			
	658.4	8.2		S TO 556.6-SPKS PY 1-2%-LOWER	CT SH		
				P AT 35			
	670.3	11.9		NTERBANDED LAMINATIONS & SMAL			
				HARP CTS) OF QTE AS TO 634.2,			
· · · · · · · · · · · · · · · · · · ·				KE (FG-MG-GREY GREEN-AMPHIECL		a second a second s	
				S FELDSPAR IN VARYING PROPORT			
				HETA-ARKUSE (FG-GREY BROWN MI			1
				. & BIOTITE RICH BNDS AT 45	TQ 50	an an ann an	
				NHOLE			-
e	672.6	2.3		IGHT GREY-YELLOW-FG-MG-SERICI	TIC-MI		
2				MAFICS-X-BEDDED			
	673.8	1.2		G-MG-GREY-10-15% MICA CHLORIT			1
5				NG QTE AS TO 672.6 DEWNHELE-X-	-BEDD		F
· · · · · · · · · · · · · · · · · · ·	en el contra compañía de la compañía		ED		and a stand of the stand of t	وراج مستقوم ومراجع والمراجع والمراجع والمراجع والمراجع والمتراجع والمتراجع والمراجع	
≝	680.6	6.8	QTE A	S TO 672.0	45		
					BOREHOLE	55334-0 SAKAMI PROJECT PAGE# 6	

	DEPTH 681.6	LENGTH MNZN 1.0		DESCRIPTION AS TO 673.8-SLIGHTLY LESS MAFIC DOWN	ANG 45
	001.00	***		HOLE	72
	683.0	1.4	GWKE	META-FG-MG-DK BROWN-MICA RICH-MINOR FELDSPAR-AMPHIBOLE-NUMEROUS ROUNDED	35
				QTZ CLASTS (FRAGMENTS)	
	683.8	C.8		AS TO 672.6-UNDULATING BECDING (SLUP PING)	
	684 • 3	0.5	QTE	AS TO 673.8 UNDULATING BEDDING (SLUM	
····· · · · · · · · · · · · · · · · ·	685.3	1.0	QTE	PING) TO 672.6-LOWER CT UNDULATING-BEDD	· · · · · · · · · · · · · · · · · · ·
	101 C	0 J			
	685.5 686.4			META-AS TO 683.0 AS TO 672.6-LOCAL MCRE MAFIC BNDS (B	45
				EDS) UP TO 50%	
	690.8			AS TO 672.6	35
	698.0			AS TO 684.4-FOTD 50 TO 30 DOWNHOLE	
	699.9	1.9		FG-MG-DK GREY-MICA CHLORITE 10-15% SPKS PY 1%	4U
	700.9	1.0		AS TO 673.8	30
	703.3			AS TO 699.9-2 INCH GTZ VEIN AT 701.8	
	704.6			AS TO 686.4	30
	706-2		GWKE	META-AS TO 683.0-NG GTZ CLASTS-SPKS PY 1%	45
	706.9	0.7		AS TO 672.0	45
e e e e e e e e e e e e e e e e e e e	707.6			AS TO 699.9	50
	719.0		QTE	AS TO 686.4-X-BEDDED 50 AT 708.6, 30 AT 715.9, 15 AT 717.0, 30 AT 718.0	
	728.7	9.7	DIA	META-FG-MG-DK GREEN-AMPHIBCLE RICH FOTC CTS	
	729.7	1.0		META-AS TO 420.7-SPKS PY 1-21	45
	740.7		QTE	AS TO 686.4-BEDDED 45 AT 731.5, 40	
	742.0	1.3		AT 737.5 AS TO 672.6	35
	744.7			AS TO 686.4	45
	747.5		QTE	FG-MG-GREY BROWN-MASSIVE-5-10% MICA CHLORITE INTERSTITIAL TO QTZ GRAINS	42
	749.6	2.1		AS TO 686.4	35
	750.2			AS TO 747.5	
	755.0		DIA	META-AS TO 728.7 FOOT OF HOLE	
				SPECTROMETER READINGS WITH SCINTREX GIS-3 NUMBER 905 107 THIN SECTIONS AT 94.3 & 555.6	
and and a second se				······································	
					·····
an an an an 1939 an ann an Anna an Anna an Anna an Anna an Anna an Anna Anna Anna Anna Anna Anna Anna Anna Anna	n an an the standard for the the standard standard standard standard standard standard standard standard standa				

A			BOREHOLE RECORD **********	DATE PROCESSED APR 01,1974 CHK*D	
			OM# DEPTH AZIMUTH DIP LATITUCE DEPAR	TURE ELEVATION LEVEL	
.(3F 2W	1011 180 00 -45 00 S 4CC E 40		
	** *** ********************************		**************************************	******************	
	DEPTH AZIMUTH DIP DEPTH AZIMUT		AZIMUTH DIP DEPTH AZIMUTH DIF CEPTH A	ZINGTH DIP	
	100 -39 30 200	-36 30 300		-32 00	
1	600 -30 00 700	-29 00 800			
	**************************************			***************	
	*************************************	*******	******		
,	LOGGED BY. DEBICKI F .I STARTE	D. AUG 04.197	3 CCMPLETEDAUG 17,1973 DRILLED INSPI	COMMENTS BATTEN-BBS 3-AC CORE-DEPART BAE-70NE 150	
		049171		SING & AW CASING SHOE LEFT IN HOLE	
1	*****	***		*************************************	
			SAMPLE ENTRIES		
		H LENGTH MNZN	and the first second	ANG	
		•0 0•0 •0 9•0	COLLAR AMERBHADEN-MUSKEC-11 FEET AN CASTAC		
	K	•0 9•0	OVERBURDEN-MUSKEG-11 FEET AW CASING Start of Core		
	14	.5 5.5	QTE LIGHT GREY-TINGE EYLLOW-FG-MG-SERICI	I 50	
			TIC-MICACEDUS-NUMEROUS QTZ GRITS-5-		
			10% MICA (SOME EYES) CHLORITE-WELL		
		.	FOTC		
	21	•9 7•4	GWKE META-FG-MG-DK BROWN GREEN-AMPHIBOLE		
-			6 MICA RICH-MINOR FELDSPAR-BANDED (C		
			OMPOSITION VARIATIONS)-LOCAL CTZ STR S & DIOPSIDE SKARN-LOWER CT SHARP AT		
			5 & DIUPSIDE SNARN-LUWER CI SPARP AT		
1.00	22	.8 0.9	RHY QTE -FG-MG-BUFF GREY-INTEREANDED WIT	Τ 50	
			H DARKER GREY ZONES (RDCT)-CTZ FELDS		
F			PAR PORPHYRIES OR CLASTS (0.1 INCH)		
		/ A •	-SPKS PY 12		
A		•6 0.8	QTZ VEIN-WHITE MASSIVE		
		•9 7.3	RHY AS TO 22.8-SPKS PY 18-LOWER CT SHARF	<u>2 50</u>	· · · · ·
		•3 0•4 •7 0•4	GWKE META-AS TO 21.9 ARK META-FG-MEDIUM GREY-5% MICA CHLORITE	F 50	
		.0 0.3	GWKE META-AS TO 21.9-SPKS PY 12	50 50	
		•1 1•1	QTE FG-GREY-MICACEOUS-FELDS PATHIC-SPKS		
			PY 18		
	33	.4 0.3	GWKE META-AS TO 21.9-SPKS PY 1%	50	
1		.6 3.2	RHY AS TO 22.8-SPKS PY 1%		1
1	39	•1 2.5 MVVW	GWKE META-AS TO 21.9-OCC GARNETS NEAR BAS	S 50	
			E OF UNIT-SPKS PY 18		· · · · · · · · · · · · · · · · · · ·
	41	•4 2•3 MVW	SCH (HIGHLY METAMORPHOSED METAGEKE CR NO	U 50	
			N-MAGNETIC IF J-CHLORITE MUSCEVITE Schist-Occ garnets-mg-pale green-ban		
	······································	an a	DED-WELL FOTD-SPKS PY PO 11 IN BNDS-		
			LOCAL BNDS AS TO 44.2		
Ξ L N	44	.2 2.8 MVW	SCH (HIGHLY METAMORPHOSED METAGWKE OR NO	0 50	
3			N-MAGNETIC IF)-CHLORITE-BICTITE GAR		
1			NET SCHIST-MG-CG-DK BROWN GREY-WELL		
ц к			FOTD-BANDED-GARNETS UP TO C.5 INCHES	n management was a second of the second s	· · · ·
			-SPKS PO 1-2%-MINOR PY IN BNDS		
			م	BOREHOLE# 55335-0 SAKAMI PROJECT PAGE# 1	·
				CONTRACTS 2222 C OMMENT FRUDELI FADER 1	

	ANG	C DESCRIPTION	ROCK	MNZN	LENGTH	DEPTH	
		AS TO 41.4-SPKS PO 1-2% PV 1% IN BN				45.8	
		DS-45.1 TO 45.4-QTZ VEIN WITH GALENA					
)	1-28 AT CONTACTS & OCC SPKS THROUGHO					
		UT					
	ro	AS TO 44-2-SPKS PY PO 18-FOTD 55 TO		MVVW	5.7	51.5	
		60 DOWNHOLE-LOWER CT SHARP			· · · · · ·		
		FG-MEDIUM GREY-SERICITIC-5% NICA CHL			7.7	59.2	
	i i i i i i i i i i i i i i i i i i i	ORITE-LOCAL QTZ STRS-WELL BECCED-NIN					
a second s	. N	OR X-BEDDING AT 55-60 DEGREES FG-MEDIUM GREY-5-10% MICA CHLCRITE-M			6.7	65.9	·····
		INDR SERICITE-LOWER CT SHARP AT 60-L				0,00	
		OCAL BNDS SPKS PY 1-2%-RADIOACTIVITY					
		22-27 CPS AT 60.1,38-48 CPS AT 60.5					
		& 22-27 CPS AT 01.0					
	S 65	META-MG-GREY GREEN-AMPHIBCLE & FELDS			7.6	73.5	······································
		PAR-MINOR MICACEAUS ZONES-WEAKLY FOL					
		IATED					
	IE 40	AS TO 59.2-BEDDING CONTORTED AT LOWE			2.8	76.3	
		RCT					
	60	AS TO 44.2-BNDS SPKS PO PY 1-2%				86.9	
		MG-GREY 10-158-NICA CHLORITE CLCTS &			1.8	88,7	
		STRS FINELY BANDED-FRACTURED-SPKS PO					
	i	PY 1%-87.7-0.1 INCH PC FILLED FRACT					
	20	URE			0 7	88.9	
	60 60	AS TO 44.2-SPKS PO 1% Meta-as to 73.5			0.2 8.9	97.8	
		FG-GREY TO UK GREY-5 TO 1C%-MICA CHL			0.7	98.5	
		ORITE-LOWER CT SHARP AT 50					
	50	E META-AS TO 21.9			0.9	99.4	
	80	AS TO 98.5			1.9	101.3	
	50	E META-AS TO 21.9			0.4	101.7	
	A 50	AS TO 98.5 WITH FG BROWN INTERSTITIA			4.4	106.1	
		L MICA-SPKS PY 18-BECOMES SERICITIC					
		DOWNHOLE					
	50	E META-AS TO 21.9			0.3	106.4	
	50	AS TO 59.2-LOCAL MAFIC BNCS			4.1	110.5	
	• •	106.6 TO 106.8-SPKS PY 17-38-48 CPS					
	50	E META-AS TO 21.9			1.9	112.4	
	L 50	FG-LIGHT GREY-YELLOW-SERICITIC-LOCAL			9.3	121.7	
		GRITTY ZONES-LOCAL MAFIC ZONES					
	50	115.3 TO 115.5-SPKS PY 12-28-36 CPS E META-AS TU 21.9			6.2	121.9	
	50 50	AS TO 59.2			0.6	122.5	
	50	META-AS TO 21.9			1.1	123.6	
	50	AS TO 59.2			C. 7	124.3	
	50	META-AS TO 21.9			0.5	124.8	· · · · · · · · · · · · · · · · · · ·
	50	AS TC 59.2			0.5	125.3	
		META-AS TO 21.9-LOWER CT SHARP AT 50			0.8	126.1	
	50	AS TO 59.2-MORE MAFIC DOWNHOLE			1.0	127.1	
	50	META-AS TO 21.9-SPKS PY 18			1.8	128.9	
	H	PORPHYRITIC-WHITE QTZ FELDSPAR PORPH			0.3	129.2	
		YRIES 10-15% (UP TO 0.1 INCH) IN FG					
		DK GREY FELDSPAR MICA MATRIX-SPKS PO					
an a	and a starting of a start of the	18	.			• • • •	······································
	50	E META-AS TO 21.9	GWKE		0.1	129.3	

	129.5	ENGTH MNZN 0.2		ANG	
#		0.2			1
a l	100 -		RDCT AS TO 129.2		à
	129.7		GWKE META-AS TO 21.9	50	
	130.7		RDCT AS TO 129.2		
	130.9	0.2	GWKE META-AS TO 21.9-FUTD 70 TO 40	C CWNH C	*
	134.2	3.3	RDCT AS TO 129.2-1 INCH METAGWKE E 131.4 & 132.1	NDS AT	s - 1
	135.5	1.3	GWKE META-AS TO 21.9	60	
	137.2		RDCT AS TO 129.2		
	137.6		GWKE META-AS TO 21.9	60	
	138.0	0.4	ROCT AS TO 129.2		
	139.0	1.0	GWKE META-AS TO 21.9	50	
	140.2	1.2	RDCT AS TO 129.2		
	140.6	0.4	GWKE META-AS TO 21.9	60	
	141.5	0.9	RDCT AS TO 129.2		
	142.3	0.8	RDCT (META-ARKOSE)-SIMILAR AS TO BUT DK GREY MATRIX, FEWER FROF MORE MICACEOUS-INTERFINGERED N	HYRIES	
			QTZ, MINOR CALCITE & AMPHIECLE (LIGHT GREY)-SPKS PY 1% ALCNG PLANES)	ENDS	A
х	149.6	7.3	QTE AS TO 59.2-FOTD 65 TO 50 DOWN WER CT SHARP AT 50	HOLE-LC	
	154.2	4.6	GWKE NETA-AS TO 21.9	60	
	161.4	7.2	QTE AS TO 65.9	60	
	161.7	0.3	GWKE META-AS TO 21.9-SHARP CTS	60	
	162.4	0.7	QTE FG-MEDIUM GREY (SLIGHTLY YELL	GW)-HIG 60	
			HLY SERICITIC-5-10% MICA (MAIN EYES ELONGATED ALONG STRONGLY PED FOTN PLANES) & CHLORITE	LY AS	-
	162.6	C.2	GWKE META-AS TO 21.9	60	e e e e e e
	166.8		QTE AS TO 162.4	60	
	167.0		GWKE META-AS TO 21.9-50% SKARN	60	
	172.4		QTE AS TO 162.4	60	
	172.5		AMPH CG-DK GREEN-FIBROUS AMPHIECLE BIOTITE FLAKES-MINOR FELDSPAR-	, 10%	H
		.	18		
	174.9	2.4 MVVW		60	
	179.8	4.9 MW	IF INTERBANDED METAGWKE, QTE (CT		
			BANDS, CHLORITE MICA SCHIST (N HIDES) & SULPHIDE IF (60%) BAN H MASSIVE PO 25%, PY 50% (25% AINS)-MINUR MT 2-3% NEAR BASE	DS WIT GTZ GR	
	180.6	C.8 MVVW	GWKE META-AS TO 21.9-AMPHIBOLE RIC		
	180.9	0.3	GWKE META-AS TO 21.9-BIOTITE RICH- 1%	SPKS PY 60	
9 F	181.8	<u>0</u> .9	QTE PEBBLY-25% ELONGATED OPAQUE C LES UP TO 0.8 INCHES DECREASIN DOWNHOLE IN FG DK GREY BIOTITE X-SPKS PY 1% ALONG FOTN PLANE	G IN % MATRI	
5	183.8	2.0	QTE AS TO 65.9-SPKS PY 1%	60	
	186.5		QTE AS TO 59.2 WITH 5-10% HEMATIT		7
[1] P. C. M. C. Markarakov, C. S. Santarakov, and A. Santarakov, and A. Santarakov, and A. Santarakov, Annual Science, and A. Santarakov, and A	193.6	7.1	QTE AS TO 59.2	50	· · · .

	DEDTH		0004		
	196.0	LENGTH MNZN 2.4		DESCRIPTION ANG	
	196.4			AS TO 65-9-SPKS PY 1% 50	
	204.6	0.4 8.2		AS TO 59.2 60	
	204.0	0.4		AS TO 98.5-LOCAL SPKS CLOTS PY ALONG 60	
	205.2	0.6		OTN PLANES IN MORE MAFIC ZONES FG-MG-GREY GREEN-GRANULAR 10-15% INT	
	205.2	V•0			
				RSTITIAL MICA CHLORITE-LOCAL ANPHIB	
	207 1	.		ULITIC BNADS-SPKS PY 1%	
	206.1	0.9		AS TO 98.5 60	
· · · · · · · · · · · · · · · · · · ·	207.2	1.1		AS TO 98.5-FRACTURED-207.1-1 INCH BA	
				ID CONTORTED LAMINATED BICTITE WITH	
				MALL ELONGATED QTZ PEBBLES & CLOTS	
		A A		PY 5%, PO 1-2%	
	209.2	2.0		AS TO 98.5 60	
	212.2	3.0		META-AS TO 21.9-SPKS PY 1% 60	
	212.8	0.6		AS TO 98.5 60	
	213.9	1.1		AS TO 129.2- 5% PORPHYRIES 60	
	219.0	5.1		AS TO 129.2-50-60% PORPHYRIES 60	
	221.7	2.7	RDCT	AS TO 129.2- 5% PORPHYRIES DECREASIN 60	
				IN % DOWNHOLE	
	222.4	0.7		AS TO 65.9-SPKS PY 1% ALCNG FOTN PL 60	
				INES	
	222.7	6.3		META-AS TO 21.9-BIOTITE RICH 60	
	224.1	1.4		AS TO 65.9 60	
	226.6	2.5		AS TO 205.2-LOCAL GARNETS-SPKS PY 18 60	
	232.6	6.0		AS TO 59.2-FOTD 50-60	
	252.4	19.8		META-CHLORITE MICA GARNET SCHIST-MG	
				REY-NINOR FELDSPAR-BANDED (CCMPOSIT	
				ON VARIATIONS)-MINOR GREEN AMPHIBOL	
				ZONES & TREMOLITE ANTHOPHYLCITE ZO	
	254.C	1.6		NETA-AS TO 73.5	
	257.7	3.7			
	23101	3 • I		AS TO 129.2-PORPHYRIES UP TC C.2 INC	
	364 4	67		ES-SHARP CTS	
	264.4	6.7 0 1 MVVIII		META-AS TO 73.5-CG	
	273.5	9.1 MVVW		ALTERED-FG-DK GREEN-MASSIVE-CHLORITE	
				REMOLITE ACTINULITE RICH-CAREONATE	
	374 0	^ -		R-MT 1-2%-SPKS PO 1%	
	274.0	0.5		META-AS TO 73.5-1 INCH BICTITE RICH	
				T ZONES	
	277.3	3.3 MVW	UM	AS TO 273.5-MT 1-28-SPKS FC CP 1-28	
	278.9	1.6		META-FG-MG-AMPHIBOLITIC-MINCR BIOTIT	
				-LOCAL WELL DEVELOPED BROWN AMPHIBO	
				ES UP TO 0.2 INCHES (SECONDARY)-SPK	
				PC CP 1%	
	280.2	1.3		VEIN-INCLUSIONS ALONG CTS	
	283.3	3.1	GAB	META-AS TO 278.9-283.1-1 INCH MASSIV	
				BND BROWN AMPHIBULES DECREASING IN	
				DOWNHOLE (CRYSTAL SETTLING)	
	284.0	C.7		ANDESITE-BASALT-FG-DK GREEN-CHLCRITE	
				MPHIBOLE RICH-SPKS PY PO 1%-SHARP	
				TS	
	286.9	2.9		META-AS TO 278.9-NO BIOTITE-CG	
	287.9	1.0		NETA-NICACEOUS-FG-GREY-SHARP CTS	
	288.5	0.6		META-AS TO 286.9-NO BIOTITE	
and a second	294.2	5.7		META-AS TO 287.9-WEAKLY FCTD 60	

	DEPTH	LENGTH M	INZN ROCK	DESCRIPTION	ANG	
	298.5			META-AS TO 286.9		
	300.2	1.7		META-AS TO 21.9	60	
·	301.4	1.2	ARK	META-AS TO 287.9		
	304.1			META-AS TO 286.9		
	304.5			META-AS TU 287.9		
	328.7	24.2		META-AS TO 286.9-308.0 TO		
				INCH MAFIC FILLED FRACTURE	AT 5 DEGR	
	220.0	0.2		EES		
E and a second sec	329.0	0.3		META-AS TO 287.9		· · · · · · · · · · · · · · · · · · ·
	339.8 343.8			META-AS TO 286.9		
	347.1			VEIN-INCLUSIONS AT CTS	CLED (T 3 40	
	J74 + K	202		META-AS TO 286.9-FOTD AT INCH QTZ VEIN AT 345.9	LUWER LI-2 OU	
	348.4	1.3		META-AS TO 287.9		
	348.7			META-AS TO 21.9	50	
I.	353.0	· · · · · · · · · · · · · · · · · · ·		QTE -AS TO 22.8-SPKS PY PI	the second se	
				T SHARP AT 60		
	357.4	4.4		META-AS TO 21.9-LOCAL SKN	BNDS 60	
	364.6	7.2		QTE -AS TO 22.8-SPKS PY 1	and a second	
	365.0	0.4		MICACEOUS-FG-MEDIUM GREY-		
				HLORITE		
	365.5	0.5	GWKE	META-AS TO 21.9-SPKS PY	14 60	аниман ал ан аналастан улуу улуу улуу ал ал ал ал ан ан ан андар ал улуу ан
	366 • 4			AS TO 129.2-SHARP CTS	60	
	367.0	Q - 6		META-AS TO 21.9-SHARP CTS	60	
	376.4	9.4		FG-MG-GREY TO DK GREY-ZCN		
				INDISTINCT OPAQUE ELONGATE		
				ES (25%) 0.5 INCHES IN I		
				ORITE QTZ MATRIX-BANDED (
	379.2	2.8		ONES)-LOCAL QTZ VEINING-SI		
Note: A set of a s	380.1	0.9		AS TO 129.2 META-AS TO 21.9	<u>60</u>	a na ana ao amin' ami
	387.0	6.9		AS TO 376.4-SPKS PY PO 11	70 - PERRIX 70	
1				IES 5%		
	387.1	0.1		META-AS TO 21.9	65	
	387.3			AS TO 41.4	65	
	387.5	0.2		META-AS TO 21.9	65	
	387.9	0.4	SCH	AS TO 41.4	65	
	388.7	0.8		AS TO 44-2	60	
	389-4	0.7	VOLC	AS TO 284.0-SPKS PY 12		
	395.2	5.8		AS TO 44.2-BNDS OF SPKS PY	11 60	
	396.1	0.9		AS TO 41.4	60	
	401.6	5.5		AS TC 44.2	60	
	402.1	0.5		AS TO 22.8-GARNETS-SHARP (
	404.4			AS TO 44-2-SPKS PO PY 12	60	
· · · · · · · · · · · · · · · · · · ·	404.9	C.5 M		AS TO 44.2-PO PY CLOTS 503	1	service and the service
ê 1	409.7 411.4			AS TO 44.2-SPKS PY PO 1%	60	
	413.2	1.8		AS TO 365.0 META-AS TO 72 5		1
	413.6	1.8 C.4		META-AS TO 73.5 Meta-As to 21.9	A 🗹	
	419.4	5.8		AS TO 65.9 WITH CONTORTED	45 HIGHLY SED	
	*******	~ • •		CITIC CHLORITIC PALE GREEN		
		·····		OCC BROWNISH RED GARNETS	I G GNUJ	
	423.1	3.7		META-AS TO 73.5		
	430.2	7.1		AS TO 59.2-FOTD 45 TO 55 E	CWNHOLE	
	436.5	6.3		AS TO 44.2-CLUTS PO 18	50	
	·				~~	

		ENGTH MNZN		ING
	436.9	0.4	SCH AS TO 41.4	50
	439.8	2.9	SCH AS TO 44.2	50
	440.1		QTE AS TO 365.0-SHARP CTS	
	442.1		SCH AS TO 44.2	55
	443.5	1.8	SCH AS TO 44.2-NO GARNETS-LOCAL INTERBAN	55
			DS QTE AS TO 59.2 (MINOR FUCHSITE)	
	447.5	3.6	QTE AS TO 59.2-FOTO 60 TO 55 COWNHOLE	
	448.6			60
	455.4			60
······································	457.0		RDCT AS TO 142.3	60
	463.6		GWKE META-MTSD-MG-CG-BANDED (CCMPCSITION	
	10510	0.0	VARIATIONS) DK GREEN AMPHIBOLE FELDS PAR RICH BNDS, DK BROWN MICA RICH BN DS & BNDS MICA EYES UP TO 35% & 0.2 INCHES LONG ELONGATED IN FCTN PLANES	
	464.9	1.3		60
	469.1			60
	470.4			60
	471.1		QTZ VEIN	
				40
	474.3			60
······································	475.0			60
	487.0		GWKE META-AS TO 21.9-MINOR BIOTITE-OCC SP KS PY	
and the second	490.0	3.0	n an	60
	493.4	3.4	ARK META-MICACEOUS-FG-MG-GREY BROWN-INTE RFINGERED QTE RICH BNDS-SIMILAR AS RDCT AS TO 142.3	
	494.8	1.4		60
	498.9	4.1		60
	502 . C			60
	504.2			60
	510.3			60
	511.8	1.5	ARK META-FG-MEDIUM GREY-FELDSFAR-GTZ-MIC	
-	×***U	***	A & CHLORITE COMPOSITION-NICA RICH FOTN PLANES-BEDDED TO LAMINATEC-LOCA PEBBLES (MICA SELVAGES) & ZONES NUME	
			ROUS MICA BNDS	
	524.8	13.0		60
	539.7			60
		·	BNO AT 511.4	
	548.9	9.2	ARK META-AS TO 511.8-NON-PEBBLY-WELL FOL	60
	550.3	1.4	QTE AS TO 65.9	
	554.5		RHY QTE -AS TO 22.8-SPKS PY 1%-SHARP CT	60
a na san an an an an a	555.9			60
	557.6			60
	574.7	17.1	ARK META-AS TO 548.9	60
	576.5	1.8	QTE AS TO 98.5-SHARP CTS	
	578.5			60
	588.4		UM AS TO 273.5-LOCAL DIOPSIDE SKN BNDS- OCC SPKS PO-ZONES MT 1-2%	
	589.2	0.8	AMPH CG-BLACK AMPHIBOLES-FG GREEN AMPHIBO LE MATRIX	
na nastro no no non na nastro na nastro na serio de la serio de	593.0	3.8	UN AS TO 273.5 BECOMING BIOTITIC & FOTC	
	~ ~ ~ ~ ~ ~ ~	~ • • •		44

	DEPTH	LENGTH MNZN		DESCRIPTION DOWNHOLE-590.3-1 INCH BIOTITE BAND	ANG
	600.1	7.1		META-SIMILAR AS TO 278.9	60
	601.6	1.5		META-AS TO 21.9-FINER GRAINED	
	607.9	6.3		META-AS TO 21.9	70
	613.7	5.8	RDCT	AS TO 129-2-FOTO 70 TO 60 DEWNHOLE SPKS PY 1%	
	620.7	7.0		META-AS TO 21.9	
	627.8			META-AS TO 21.9 META-AS TO 511.8-FOTO 6C TO 7C DOWNH	60
	02140			OLE	
	628.8	1.0		AS TO 129.2	
	630.7			META-AS TO 548.9	
	636.8			META-AS TU 21.9-LUCAL DIOPSIDE SKN	70
				(CALCITE RICH)-WEAKLY FOTO	
	637.5	0.7		AS TO 129.2	
	638.2			META-AS TO 21.9	70
	638.7			AS TO 142.3-FOTD TO TO 50 DOWNHOLE	
	641.8			AS TO 129.2	
	644.4			META-AS TU 548.9	65
	647.4		Part is the sources in the	AS TO 65.9	70
	647.8			AS TO 129.2	
	649.7	1.9		VEIN	
	652.8	3.1	QTE	AS TO 98.5-FOTD 60 TO 50 CCWNHOLE	
	664.0	11.2	RHY	AS TO 22.8-SPKS PY PO 1%	70
and the second	668.5	4.5		AS TO 98.5	60
	669.6	1.1	QTE	AS TO 205.2	
	674.9	5.3	QTE	AS TO 98.5	60
	688.5		RHY	AS TO 22.8-SPKS PY PO 1%	65
	693.7	5.2		AS TO 205.2	
	694.3	0.6	QTE	AS TO 59-2	60
a second	699.1	4.8	QTE	AS TO 205.2-694.3 TO 696.1-OCC GARNE	50
			•	TS-MORE MAFIC-WEAKLY FOTD-SPKS PO PY	
				1%	
	699.8			AS TO 65.9	50
	702.3	2.5	QTE	AS TO 205.2-MG-CG-MINOR QTZ GRITS	
	705.2	2.9		AS TO 98.5	
	705.7	0.5		VEIN	
	715.7			AS TO 98.5-LOCAL QTZ RICH BANDS	70
	717.5	1.8		AS TO 98.5-FAULT ZONE-CORE BRECCIATE	
	740.2	22.7		O GRANULATED WITH 50% MUD	
	F70+2	66+1		AS TO 22.8-SPKS PY 12-718.6 TO 719.	
				B-QTZ VEINING AT U DEGREES-720.0 TO 722.0-CRUSHED CORE (FAULT)-730.3 TO	
				122.6-HIGHLY FRACTURED	
	744.7	4.5			40
	745.6			AS TO 90.5 AS TO 65.9	60
	748.2			AS TO 98.5-LUCAL UTZ RICH ZENES	70
	749.4			AS TO 98.5 BUT 75% GTZ VEINING	
	749.6			PEBBLY-AS TO 98.5-25% ELONGATED TO	
	- too to the other of the o	en e		SUBROUNDED UNURIENTED TRANSLUCENT QT	
				PEBBLES (0.2 INCHES)	
	751.8	2.2		AS TO 98.5	70
	764.1			AS TO 65.9-LESS MAFIC DEWNHOLE-FOTD	
				50 TO 70 DOWNHOLE	
and the second	765.2	1.1		META-FG-GREY BROWN HIGHLY MICACEOUS	60
	767.3				65
				······································	

	DEPTH	LENGTH MNZN	ROCK DESCRIPTION	ANG
		1.3	GWKE META-AS TO 21.9-60% CALCITE VEINING	
			(SKN)	
	771.1	2.5	ARK META-AS TO 548.8	<u>65</u>
	771.7	0.6	RHY AS TO 22.8	
	772.8	1.1	GWKE META-AS TO 21.9	65
	774.6	1.8	QTE AS TO 98.5-LOCAL QTZ RICH ZCNES	65
	778.0	3.4	RHY AS TO 22.8	
	778.7	0.7	DIA META-AS TO 73.5-FINER GRAINED	
	782.8	4.1	RHY AS TO 22.8	
	783.5	0.7	QTE AS TO 98.5	
	792.3	8.8	RHY AS TO 22.8	
	793.2	0.9	ARK META-AS TO 765.2-SHARP CTS	
	794.0		RHY AS TO 22.8-LOWER CT SHARP	
	808 - 2		ARK META-AS TO 490.4-SIMILAR AS RECT AS	65
			TO 142.3-NUMEROUS MICA EYES IN PLANE	
		· · · · · · · · · · · · · · · · · · ·	S OF FOTN	
	8 09 .5	1.3	GWKE NETA-AS TO 21.9	65
	813.2	3.7	ARK META-AS TO 808.2	65
		17.8		
	831.0	11+Q	GWKE META-INTERBANDED BEDS AS TO 463.6 &	
			21.9 & META-ARKOSE AS TO 765.2-LOCAL	
1 - 1 - 2 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -			DIOPSIDE CALCITE SKN BNDS-FOTE 60 TO	
	a a a a	• •	65	
	834 • 2	3.2	QTE AS TO 205.2-LOCAL SKN ZONES-SHAPP CO	65
a an			NTACTS	
	835-2	1.0	GWKE META-AS TO 831.0	65
	836.0	0.8	QTE AS TO 205.2	60
	837.0	1.0	GWKE AS TO 831.0-40% SKN	
	841.0	4.0	QTE AS TO 205.2	
	843.7	2.7	GWKE META-AS TO 831.0	70
	844.1	0.4	QTE AS TO 205.2-843.7-PO 1% ALONG FOTN	70
		n na na sa na	PLANE	
	847.8	3.7	GWKE META-AS TO 831.0	70
	849.0	1.2	SKN CALCITE RICH-MINOR DIOPSICE-WHITE GR	
			EY-CG	
	850 4	10.4	GWKE META-AS TO 831.0	70
	865.9	6.5	ARK META-AS TO 808.2	70
a an	and the second		GNKE META-AS TO 831.0	an and a second s
	872.2	6.3		70
	872.7	0.5	ARK META-AS TO 808.2	70
	873.8	1.1	GWKE META-AS TO 831.0	70
	878.5	4.7	ARK META-AS TO 765.2	70
	887.4	8.9	DIA META-AS TO 73.5-WELL FOTD-AMPHIBOLE	70
			RICH-MINOR SKN BNDS	
	888.4	1.0	QTE AS TO 98.5	70
	895.1	6.7	DIA META-AS TO 73.5	70
	895.9	0.8	QTE AS TO 365.0	· · · · · · · · · · · · · · · · · · ·
	900.5	4.6	RDCT AS TO 143.2-SHARP CTS	
	902.1	1.6	QTE AS TO 365.0-LOWER CT SHARP AT 70	
	902.9	0.8	GWKE META-AS TO 21.9-LOWER CT IRREGULAR	70
	906.0	3.1	RDCT AS TO 143.2-LOWER CT SHARP	
	912.8	6.8	GWKE META-AS TO 21.9	70
	913.3	0.5	QTZ VEIN-INCLUSIONS AT CONTACTS	
	925.2	11.9	QTE AS TO 65.9	70
	926.1	0.9	GWKE META-AS TO 21.9	70
	936.7	10.6	QTE AS TO 65.9	70
ويستهدون ورواب والمراجع والمراجع والمتحرين والمراجع والمراجع والمراجع والمراجع والمراجع والمراجع والمراجع والم	942.8	6.1	QTE AS TO 20K-2	70
	776 . 0	Usi	WIL HJIU KUNAK	i v

94	43•1 0•3 G	WKE META-AS TO 21.9-HIGHLY BICTITIC IRRE GULAR CTS	
94 95 91	44.6 0.8 G 50.7 6.1 Q 76.5 25.8 D	TE AS TO 205.2 WKE META-AS TO 943.1 TE AS TO 65.9 IA META-AS TO 73.5-FG-LOCAL GTZ VEINS 974.0-976.5-SMALL PINK QTZ FELDSPAR VEINS	70 70
98 98 98 99 100	83.9 3.0 Q 84.4 0.5 R 85.2 0.8 Q 94.5 9.3 D 08.9 14.4 Q	HY AS TO 22.8 TE AS TO 65.9 HY AS TO 22.8-SHARP CTS TE AS TO 65.9 IA META-AS TO 73.5 TE AS TO 59.2-LUCAL BNDS AS TO 65.9 IA META-AS TO 73.5 TE AS TO 59.2-LUCAL BNDS AS TO 65.9 IA META-AS TO 73.5 BUT FG- FG-	70 70 70
· · · · · · · · · · · · · · · · · · ·		FOOT OF HOLE SPECTROMETER READINGS WITH SCINTREX GIS-3 NUMBER 905 107 THIN SECTION AT 22.1	
		······································	
	· · · · · · · · · · · · · · · · ·		
		B.	GREHOLE# 55335-0 SAKAMI PROJECT PAGE# 9

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BORGROULE JANANE PROJECT 337 2N ADDM DEPTH AIMNTH DIP LATITUDE DEPARTURE LEVATION LEVEL SSISC-0 WAANE PROJECT 337 2N ADDM DEPTH AIMNTH DIP LATITUDE DEPARTURE LEVATION LEVEL INCLINATION AND FROMENTS IN DEPARTURE SSIS LEPTH AIMPUTH DIP CEPTH AIMNTH DIP DEPTH AIMNTH DIP LEPTH AIMUTH DIP 100	X	BOREHOLE# PROPERTY NTS# SH# ANDM#	BOREHOLE RECORD	DATE PROCESSED APR 01,1974 CHK+D
CEPTH ALINUTH DIP LEPTH ALINUT				
UGEPTH AZINUTH DIP DEPTH DIP DEPTH DIP DEPTH DIP DEPTH DIP DEPTH D	1			******
100 -42 30 -42 30 1075 0F MEDGES COMMENTS COMMENTS 1075 0F MEDGES COMMENTS COMMENTS 1076 0F MEDGEN COLAR COMENTS 1076 0F MEDGEN COLAR COLAR 1076 0F MEDGEN </th <th>ĺ</th> <th></th> <th>and the second /th> <th></th>	ĺ		and the second	
LUGGED BY.JEAGES LUGGED BY.JEAGES LUGGED BY.JEAGES LUGGED BY.JEAGES LUGGED BY.JEAGES DEPTH LENGTH PM2A RCCK 0.0 0.0 122.0 CLEAR 0.0 CLE			WUTH DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH	1 DIP
TUDE OF HEDGES LUGGED EY. DEGITAT E J STARTEC AUG 00,1575 CUMPLETEL.AUG 12,1473 UMILLEC INSPIRATION EAGLONG LEFT IN HOLE SAMPLE ENTRIES CEPTH LENGTH MAX RCGN O 0.0 120.0 12C.0 CULLA OVERBURDENUD SAND, IC-10.3 ECULDE R, 10.3-11 SAND, 11.1.4 SOULDER, 11 	-		*********	*******
LUGGED BYDEBICKI E J STARTELAUG DO.LV/3 CURVETELAUG LAY123 UNILLEE INSPIRATIC-PERSITA CORP-PERPIT 547-ZUNE 3 L22 FEET AW CASING E AM CASING SHOE LEFT IN HOLE CEPTL LEKTH MAZA RCCG 0 0,0 0,0 120.0 120.0 CVERSURGENU-DID SAND, IC-DIJ BCULGE R, 10.3-11 SAND, IC-DIJ CULLE ALGO DOLAR COEGGEPTICN AAG 0 0,0 0,0 120.0 120.0 CVERSURGENU-DID SAND, IC-DIJ BCULGE R, 10.3-11 SAND, IC-DIJ SCULE ALGO SAND, IC-DIJ SCULE 120.0 120.0 CVERSURGENU-DID SAND, IC-DIJ SCULE R, 10.3-11 SAND, IC-DIJ SCULE 120.0 120.0 CVERSURGENU-DID SAND, IC-DIJ SCULE R, 10.3-11 SAND, IC-DIJ SCULE 120.0 CVERSURGENU-DID SAND, IC-DIJ SCULE R, 10.3-11 SAND, IC-DIJ SCULE 120.0 TVERSURGENU-DID SAND, IC-DIJ SCULE R, 10.3-11 SAND, IC-DIJ SCULE R, 10.4-12 FEET AM CASING-STARL R, 10.4-12 FEET AM CASING-STARL SAND-IZZ FEET AM CASING STARL SAND-IZZ FEET AM CASING STARL 124.0 1.5 CO TE MARP 140.5 15.3 DIA META-STARL SCOLER (IN NIN) 55 ALDMG MELL ZOMER CI SAMAP 140.5 15.3 DIA META-STARL SCOLER FULSSAN BIOTITE-L 55 DCAL BIOTITE AIGH ZOMER FAILOSEN 142.0 1.5 GIT FERSON 142.0 1.5 GIT FERSON 153.0 O.T UM RY FARANCH FAILOSEN MERCUS 154.0 CO TO LOWER CI 157.C 2.C OT CLAMPA CIANTE ALCOSEN MERCUS 157.C 2.C OT CLAMPA CIANTER SANGE RAICOSEN AND 157.C 2.C OT CLAMPA CIANTER SANGE RAICOSEN AND 157.C 2.C OT CLAMPA CIANTER SANGE CHAILES TO LA 157.C 2.C OT CLAMPA CIANTER SANGE CHAILES TO LO 157.C 2.C OT CLAMPA C				
LUGGED BYDEBICKI E J STARTEGAUG GG.1073 COMPLETEGAUG L2,1973 DUILLEC INSPIRATICA-RES I-AG CCRE-PERT 547-2008 3 DUILLEC INSPIRATICA-RES INFOLO SADD. 122 FEET AL CASING 6 AL CASING SADE LEFT IN HOLE CEPT. LENGTH HAZA RCCK UESCHIPTICN AAG COLAR IZ2-00 IZ		太水水水水 水漆 这些 为 :	*************	
122 FEET AN CASING 6 AN CASING SHOP LEFT IN HOLE SAMPLE ENTRIES CEPTH LENGTH PNZA RCK 0.0 COLLAR 120.0 120.0 120.0 COLLAR 0.0 COLLAR 120.0 120.0 120.0 COLLAR 120.0 120.0 120.0 COLLAR 120.0 SAMD, 10-17 120.0 SAMD, 20-30 120.0 COLLAR 120.0 COLLAR 120.0 SAMD, 20-30 124.0 4.0 124.0 4.0 124.0 4.0 124.0 4.0 124.0 4.0 125.2 1.2 126.0 CORRES-CORANUAR-MICACED SHOP NO 126.0 CORANDE REFERENCE NO		LOCCED BY DEDICKT E (STADIES AUS 04 1073 C)	THREETER ANY 15 1075 REFLER TACHIGATICS	The transmission of the second s
SAMPLE ENTRIES DEPTH LENGTH MAX RCCK DESCRIPTION ANG 0.0 0.0 COLLAR 120-0 12C-0 OVERBURGHEWD-10 SAND, 1C-1C-3 BCULDE R 103-511 SAND, 1C-1C-3 BCULDE R 103-511 SAND, 1C-1C-3 BCULDE 1 34-25 SAND, 10-11 BOULGER, 11 25 SAND, 10-11 BOULGER, 10H, 97-120 SAND-122 FEET AN CASINO-START CF CORE 124-0 4.0 UM CG-PALE GREEN-TREMOLTER ACTINOLITE R CORE 125-2 1.2 OTE MC-GREEN-GRANULAR-MICACEDS 15-1031 140-5 15-3 OTA GREEN-GRANULAR-MICACEDS 15-1031 140-5 15-3 OTA GREEN-GREENS 150 142-0 1.5 OTE FG-GREEN-JOE ATLCSE-NUFRENCES ALONG MELL DEVELOPED FOTN PLANES-SNA RF CTS 178-4 36-4 DIA META-AS TU 140-5 BECOMING KREE BIOTI 55 179-6 0.7 UM REPCLIEE SOMS 195-0 0.7 UM REPCLIEE SOMS 195-0 0.7 UM REPCLIEE SOMS 197-6 2.6 OTE 197-6 2.6 OTE 197-7 OTE 219-0 5.0 OF CHAN HALORED AND AND AND AND AND AND AND AND AND AN		COOCED BI DEBICKI E 3 STAKIED . AUG 00 1913 C		
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OCAL BIGTITE RICH ZONES & CT2 VEINS- SPKS PY PO 13-MEAKLY FOTO 142.0	ļ			
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TOPS OF HEUGES		
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	SAMPLE ENTRIES DEPTH LENGTH MNZN ROCK DESCRIPTION ANG 0.0 0.0 COLLAR		
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