GM 29067

REPORT FOR 1972, SAKAMI PROJECT

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SAKAMI PROJECT

PERMIT AREAS 547-553 INCLUSIVE

REPORT FOR 1972

TABLE OF CONTENTS

SAKAMI PROJECT - PERMIT AREAS 547-553 INCLUSIVE

SAKAMI PROJECT

PERMIT AREAS 547-553 INCLUSIVE

PROFESSIONAL PERSONNEL

Staff Personnel	Degree	University	Title
C. O. Pritchard	BSc	Queen's	Manager, N. America
J. Guy-Bray	PhD	McGill	Mgr. Geol. Research
D. Phipps	MSc	MIT	Sr. Research Geologist
A. Allum	PhD	Imperial College London	Sr. Staff Geologist
Project Manager			
H. F. Stewart	BSc	Manitoba	Regional Manager
Project Supervisor			
W. A. Atkins	BSc	McGill	Area Geologist
Field Geologists			
P. E. Fischer	PhD	Munich	Research Geologist
E. F. Pattison	MSc	McGill	Research Geologist
T. J. Bottrill	BSc	Leeds England	Staff Geologist
J. A. Sauerbrei	MSc	Queen's	Staff Geologist
A. Gallop	BSc	St. Francis Xavier	Geologist
R. Jamieson	BSc	New Brunswick	Geologist
B. Yuriy	BSc	Brandon	Geologist

INTRODUCTION

Prior to the incorporating of the James Bay Development Corporation the Canadian Nickel Company (Canico) had begun exploration for base metals in the Sakami Lake area. This included electromagnetic, magnetic and radiometric surveys in 1971 followed by ground surveys in the vicinity of favourable responses. The subsequent withdrawal from staking of much of the area led Canico to seek the James Bay Development Corporation as a partner in further exploration of the Sakami area.

On July 5, 1972 a joint venture agreement was arranged covering exploration within seven permit areas, 547 to 553 inclusive, comprising some 934 square miles and surrounded by a five mile buffer zone. Exploration costs were to be divided on the basis of seventy-five per cent Canico and twenty-five per cent James Bay Development Corporation, with Canico as the operator.

Field operations commenced July 5, 1972 and continued through to October 15. From a base at Bridgar Lake, Canico carried out additional airborne radiometric surveys over the agreement area. Concurrently from a new base constructed during the period at Sakami Lake a program of electromagnetic, magnetic and radioactive anomaly investigations, geologic mapping and diamond drilling was undertaken.

EXPLORATION PROGRAM

The early discovery of radioactive material in favourable geological formations directed attention to the possibility of locating economic uranium bearing deposits. To gain a rapid assessment of this possibility, almost the entire permit area was reflown with 6,204 line miles of low level (200 feet) close spaced radiometric surveys. Some 219 airborne radiometric responses were located. All were investigated by geologists utilizing Scintrex and McPhar spectrometers.

Regional as well as detailed geologic mapping assisted in locating and delimiting areas considered to require further assessment for uranium concentrations. Detailed ground magnetic survey complimented the geologic uranium exploration by providing structural information in areas of no outcrop. Development and stratigraphic drilling was accomplished by Canico personnel with Winkie machines and an Inspiration Drilling Limited BBS III machine under contract.

Further geophysical investigation of airborne electromagnetic responses, located during the earlier Canico aerial survey, began in August of 1972. The geophysical work was accompanied by geologic mapping where outcrop existed on or near conductors.

Interesting but unexplained conductors which had been located by Canico during the 1971 exploration season, were drilled in 1972 with Winkie machines by Canico personnel.

A total of 11,738.0 feet of drilling was completed. This included 30 Canico Winkie drill holes for a total of 5,708.0 feet and 6 Inspiration BBS III holes for a total of 6,030.0 feet.

As of October 15, 1972 a total of 1,676 man days had been spent on the ground follow up phase of the program.

EXPLORATION RESULTS

Maps at a scale of 1" = ½ mile accompanying this report are submitted in Appendix B. These show the compilation of airborne electromagnetic and magnetic responses, geophysical ground investigation and geologic mapping together with the results of the 1972 airborne radiometric survey. Also included are the results of the detailed geophysical and geological surveys on Sakami Zones 1 to 4 at a scale of 1" = 200' and a geologic interpretation of the same area at a scale of 1" = 800'. Diamond drill logs are submitted in Appendix A.

Radioactive Responses

All airborne radioactive responses were investigated but only those located in the main quartzitic formation proved of further interest. The following is a summary of the results.

TABLE 1

	Number of Anomalies Priority					Total	Percentage
	1	2	3	4	5		
Granite gneiss		7	8	17	17	49	22.4
Granite		2	9	18	20	49	22.4
Overburden		3	8	39	24	74	33.8
Quartzite	7	3	1	3	6	20	9.1
Metasediments (siliceous argillaceous)			1	11	6	18	8.2
Volcanics, Metagabbro, Ultramafics				5		5	2.3
Quartzite (Upper Proterozoic)				3	1	4	1.8
	7	15	27	96	74	219	
Percentage	3.2	6.9	12.3	43.8	33.8		100.0

Permits 547, 548 Sakami Zones 1 to 4

Geologic regional and detail mapping with spectrometer checks located several radioactive conglomerate reefs in quartzite. Detailed magnetic and vertical loop electromagnetic survey results indicate, through structural interpretation, that the quartzite is fairly extensive. Electromagnetic conductors located appear to be associated with iron formations. The quartzite-conglomerate horizon was tested with 17 Winkie and 6 BBS III holes for a total of 9,699.0 feet.

TABLE II

Borehole	Depth of Hole	Borehole	Depth of Hole
49866	204.0	49882	728.0
49867	267.0	49887	1049.0
49868	232.0	49895	1037.0
49869	233.0	49896	191.0
49870	143.0	49897	269.0
49871	149.0	49898	293.0
49872	182.0	49899	173.0
49873	126.0	49900	1081.0
49874	261.0	55301	227.0
49875	1307.0	55302	228.0
49876	236.0	55303	827.0
49881	256.0		

In addition two conductive zones were tested with three Winkie boreholes.

N.T.S.	Anomaly	BH No.	Depth	Results
33F-2W	29	49890	12.0	Abandoned in overburden
33F-2W	29	49891	142.0	Barren po, py, graphite
33F-2W	38	49892	214.0	Barren po, py, graphite
		Total	368.0	

Permit 549

Three conductors were located. Conductor 33F-7E-10 and 75 was explained as graphite and magnetite in metasediment. Conductor 33F-7E-71 was explained by the location of barren pyrrhotite and pyrite with graphite in metasediment. Conductor 33-7E-72 trends along strike with anomaly 71 and is assumed to be caused by the same barren material.

Permit 550

Five Winkie diamond drill holes, totalling 885.0 feet, intersected barren pyrite, pyrrhotite and graphite. The results are tabulated in Table III. In addition anomalies 33F-7E 3, 5, 6, were explained by geology as being caused by graphite, and iron formation with minor pyrrhotite.

TABLE III

N.T.S.	Anomaly	BH No.	Depth	Results
33F-7E	4	49877	176.0	Barren po, py, graphite
33F-7E	1	49878	133.0	Barren po, py, graphite
33F-7E	4	49879	215.0	Barren po, py
33F-7E	1	49880	168.0	Barren po, py, graphite
33F-10E	16	49894	193.0	Barren po, py, graphite
		Total Footage	885.0	

Permit 551

Five Winkie diamond drill holes, totalling 785.0 feet, intersected barren pyrrhotite, pyrite, magnetite and graphite in sediments. Drilling results are tabulated below.

TABLE IV

N.T.S.	Anomaly	BH No.	Depth	Results
33F-9W	22	49884	165.0	Barren po, mag., graphite
33F-9W	22	49885	187.0	Barren po, py, graphite
33F-9W	22	49888	130.0	Barren po, py, mag.
33F-9W	20	49889	135.0	Barren po, py
33F-9W	28	49893	168.0	Barren po, py, graphite
		Total Footage	785.0	

Permit 552

The three conductors located do not appear to warrant further investigation. One airborne response was not located on the ground, however, barren pyrrhotite and pyrite was sampled in the area. Results are as follows.

TABLE V

N.T.S.	Anomaly	Results
33G-12W	8E	Weak conductor with very poor magnetic association. Drilling not recommended.

TABLE V (cont'd)

N.T.S.	Anomaly	Results
33G-12W	8W	3 medium strength conductors, little magnetic association. Probably shear zones.
33G-12W	28	Conductor not located. Barren po, py samples in area.
33G-12W	42	Medium-strong conductor with some magnetic association. Low priority for further work.
33G-12E	2	Conductor not located; review of airborne data indicated response was probably spurious.

Permit 553

Three airborne electromagnetic responses were investigated. The ground geophysical results are tabulated below.

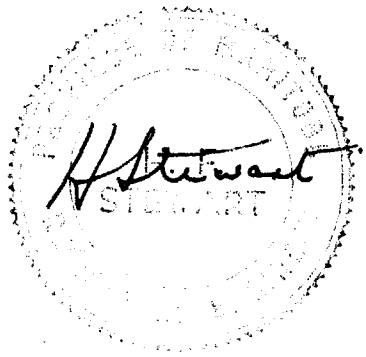
TABLE VI

N.T.S.	Anomaly	Results
33G-12W	23	2 medium strength conductors with little magnetic association located. Probably due to conductive overburden; or shear zones.
33G-13E	14	5 weak non-magnetic conductors located. Probably sheared zones.
33G-13W	7	2 weak conductors with poor magnetic association located. Probably due to conductive overburden or sheared zones.

Future Program

With encouragement being given by some borehole intersections in Zones 1 and 2, further diamond drilling will be required to assess the economic potential of the uranium occurrence.

Some 452 airborne electromagnetic and magnetic responses remain to be investigated. The higher geophysical and geological priority portion of these anomalies will require ground surveys, and if warranted, diamond drilling to obtain further information in the assessment of the present area.



HFS:vs
April 19, 1973

INTRODUCTION

A summary is presented of the geology of uranium occurrences at Sakami Lake P. Q., which are being explored jointly by the Canadian Nickel Company Limited and James Bay Development Corporation. The occurrences are divided into four zones. Zone 1 and 2 are located in Permit Area No. 548; Zone 3 and 4 in Permit Area No. 547.

GENERAL GEOLOGY

The uranium mineralization is found within an east-northeast trending, steeply dipping volcano-sedimentary belt of Archean or Proterozoic age surrounded by Archean gneiss and granite intrusions. The uranium occurrences appear to be restricted to a 5 mile portion of the belt straddling the boundary between Permit No. 547 and No. 548.

A simplified one mile north-south cross-section through this portion of the belt shows mafic volcanics, sediments and iron formation to the north, overlain to the south by various clastic sediments on which attention is focussed. Ultramafic volcanic flows occur in various sizes near the base of the clastic sediments. The clastic sediments consist of quartzite with uranium bearing conglomerate layers and minor siliceous tuff intercalations at the base, grading upwards into graywacke with intercalated quartzite, argillite and lime rich sediments. Tops have been determined to be facing south. A drift-covered area between the occurrences and granite outcrops 2 miles to the southeast is assumed to be underlain mainly by impure sediments.

The rocks have been metamorphosed in the upper amphibolite facies. Abundant diabase sills and dykes cut the volcanics and sediments.

LITHOLOGY

Mafic Volcanics, Sediments and Banded Iron Formation (BIF)

Mafic volcanics, sediments and BIF form the northern part of the belt and generally are complexly intercalated. The volcanics are essentially massive, mafic flows which in places

exhibit pillow structures. The sediments intercalated with the volcanics occur as banded feldspar-biotite-amphibole-garnet-staurolite schists, resulting from the metamorphism of graywackes and argillites. The BIF is essentially of the oxide type but in Zone 1 minor horizons of sulphide facies were encountered in BH 49875 that include several 6 to 10 inch sections of massive pyrrhotite and pyrite.

Ultramafics

Ultramafic rocks occur in appreciable amounts at the base of the quartzite and as small bodies (10 to 100 ft. size) at various stratigraphic levels within the mafic volcanics, the quartzite and overlying graywacke.

A peridotite body, 200 to 300 ft. thick (drill information) and about 2½ miles long (inference from magnetics) occurs at the base of the quartzite in Zone 2. It is interpreted, on a textural basis, as a series of six ultramafic volcanic flows. It does not outcrop and is marked by a topographic low. Nickel values are in the 0.2-0.4% range.

Quartzite

A several hundred ft. thick sequence of quartzite, that hosts radioactive conglomerate layers, overlies the rocks mentioned above. It extends for about 5 miles in an east-northeast direction and can be traced on surface by a small number of isolated outcrops. The quartzite dips vertically or steeply north and appears to be conformable with the mafic volcanics and BIF, although a facies change along strike brings the quartzite into contact with BIF in Zone 1, graywacke in Zone 2, and mafic volcanics in Zones 3 and 4.

The quartzite is pure only in its stratigraphically lowest 200-300 ft. At higher levels it becomes richer in impurities (sericite, chlorite, biotite, garnet) and is increasingly intercalated with arkose, graywacke and other sediments at a 10 to 50 ft. scale. In part of Zone 2 the quartzite and conglomerate layers are intercalated with layers of rhyodacitic crystal tuff. The thickness of the portion composed of predominantly quartzite, ranges from about 100 to 600 ft. and seems to vary considerably laterally.

Quartz Pebble Conglomerate

Distribution. Layers and lenses of radioactive quartz pebble conglomerate occur within the lower 200 ft. of the quartzite. They vary strongly in number, consistency and content of radioactive minerals. Their strike length, as observed on good outcrops, is generally 200 ft. or less. A continuous single layer can be traced about 500 ft. along strike. Conglomerate layers and lenses generally occur as groups of up to 6 inter-layered with barren quartzite within 20 to 50 stratigraphic ft.; thin isolated lenses are rare. The thickness of individual layers is consistently between 1 and 2 ft. and rarely exceeds 3 ft.

The largest number of individual conglomerate horizons (up to 10) and greatest lateral consistency of layers found in outcrop, occur in Zone 1. Conglomerate horizons in other outcrop areas (Zone 3 and 4 and most of 2) are much scarcer and lack continuity. The highest concentration of conglomerate layers and highest U_3O_8 grades were encountered in drill holes in part of Zone 2 about 1,600 ft. southeast of the camp.

Petrography. The conglomerate consists of closely packed, stretched quartz pebbles, ½ to 1 inch thick and 2 to 5 inches long, in a quartzite matrix. The quartz pebbles are recrystallized to a mosaic of quartz crystals. The matrix consists of 1 to 2 mm quartz grains and minor chlorite, sericite, biotite, zircon and 0 to 5% pyrite. Pyrite is developed as subhedral porphyroblasts and anhedral blebs ½ to 5 mm in size. High pyrite content is always accompanied by high radioactivity.

Trace amounts of other sulphide minerals include chalcopyrite, pyrrhotite, pentlandite, galena, idaite (?) greigite (?) and covellite. Uraninite has been identified microscopically in highly radioactive core samples carrying above 0.1% U_3O_8. It occurs in the quartzite matrix as roundish, strongly fractured grains 0.1 to 0.3 mm in size which, along fractures, contain minute specks of galena resulting from decomposition. Several per cent pyrite typically accompany uraninite concentrations.

U_3O_8 Grades. The distribution of uraninite within the conglomerate layers is erratic and laterally unpredictable; very little information exists on its vertical distribution. In the great majority of observed conglomerate layers and lenses, the U_3O_8 grades are very low, i.e. between 0 and 0.1%. Within part of Zone 2, however, U_3O_8 grades of 0.1% to 0.3% and in rare cases

more than 0.5% over a few ft. have been encountered and could be extrapolated over 600 to 800 ft. strike length from drill data. U/Th ratios in general are about 1 with variations between 0.5 and 1.5.

Graywacke

The quartzitic and conglomeratic portion of the sediments grades upwards into a mixed sequence of sediments consisting predominantly of graywacke. This sequence has been penetrated by drilling (BH 49875, Zone 1) for only 700 to 800 ft. The graywacke, a medium grained feldspar-quartz-biotite-amphibole metasediment, is interlayered at a 5 to 20 ft. scale with impure quartzite, arkose, various argillaceous rocks (biotite-quartz-andalusite-staurolite-cordierite) and minor calc-silicate rocks (diopside-hornblende-epidote-carbonate-quartz) which in places contain traces of sphalerite, galena, chalcopyrite and pyrrhotite. Locally, siliceous tuffs are intercalated with graywacke. Similarity in composition and texture between portions of the graywacke and the fine grained matrix of the siliceous tuff, indicate that portions of the graywacke might be of a volcanogenic origin.

Diabase

Sills and dykes of medium grained diabase cut all other rocks. They are abundant and in some sections constitute up to 20% of the outcrop. On surface, Zone 4 in particular exhibits an abundance of diabase cutting the quartzite. Contacts with sediments and volcanics generally show well developed chill margins.

GEOPHYSICAL SURVEYS

Magnetic and electromagnetic surveys were carried out over the area of interest using a surveyed base line and picket cross lines for control. Results of this survey work are shown on the enclosed maps at a scale of 1" = 200 feet.

Sharpe MF-1 magnetometers were used to carry out the magnetic survey. Readings taken were corrected for diurnal drift and the last digit has been omitted from the plotted readings.

The electromagnetic survey was done with vertical loop 1,000 cycle equipment, and readings are recorded as tilt angles.

A very small area was covered by a radiometric survey using a Scintrex GIS-3 scintillometer. Plotted results represent potassium, uranium and thorium radiation counts. These results are plotted on a scale of 1" = 50 feet.

DRILLING

Twenty-three holes were cored for a total of 9,699 feet of drilling. Borehole logs are enclosed for the holes listed.

Borehole	Depth	Borehole	Depth
49866	204	49882	728
49867	267	49887	1,049
49868	232	49895	1,037
49869	233	49896	191
49870	143	49897	269
49871	149	49898	293
49872	182	49899	173
49873	126	49900	1,081
49874	261	55301	227
49875	1,307	55302	228
49876	236	55303	827
49881	256		
		Total	9,699 feet

P. Fisher

DP-GJG:vs
March 20, 1973

547-553

EXPENDITURES 1972 - PERMITS ~~543-549~~

	Permit 543 (547)	Permit 544 (548)	Permit 545 (549)	Permit 546 (550)	Permit 547 (551)	Permit 548 (552)	Permit 549 (553)	Totals
Contract Drilling	9,082.67	34,744.95						43,827.62
" " - Transportation	420.00	15,964.71		100.00				16,484.71
Canico Drilling	2,471.85	25,558.82		6,383.85	5,174.41			39,588.93
" " - Transportation	1,060.00	6,360.11		3,820.00	2,189.67			13,429.78
Salaries & Benefits								
- Professional	341.47	17,773.77	722.84	95.06				18,933.14
- Non-Professional	4,854.49	38,881.34	216.00	124.56		1,556.08	456.16	46,088.63
Materials, Equip. & Supplies	1,770.28	19,324.18	941.95	791.47	3,058.77	1,137.43	455.92	27,480.00
Transportation - Personnel, Equip. & Supplies	6,264.52	76,743.90	300.08	740.08	358.47	950.08	622.74	85,979.87
Airborne Surveys	9,964.80	8,423.10	7,011.77	10,012.80	9,494.40	10,214.40	5,328.00	60,449.27
Contract Services		650.00	1,236.00					1,886.00
Consultant Fees		629.64						629.64
Assay Charges	2,510.38	8,270.10		878.20	477.77			12,136.45
Sub-Total	38,740.46	253,324.62	10,428.64	22,946.02	20,753.49	13,857.99	6,862.82	366,914.04
Overhead & Management @ 10%	3,874.05	25,332.46	1,042.86	2,294.60	2,075.35	1,395.80	686.28	36,691.40
Sub-Total	42,614.51	278,657.08	11,471.50	25,240.62	22,828.84	15,243.79	7,549.10	403,605.44
Land Rental	22,050.00	22,500.00	22,500.00	22,500.00	22,050.00	22,500.00	12,000.00	146,100.00
TOTAL	64,664.51	301,157.08	33,971.50	47,740.62	44,878.84	37,743.79	19,549.10	549,705.44

April 24, 1973

RULES FOR CODING OR ABBREVIATING GEOLOGICAL TERMS

(1) The first letter of each word is never deleted.

(2) Deletion of letters commences from right to left, in order specified below.

(3) Only one letter of a double letter occurrence is deleted.

(4) Deletion is continued until the code word is reduced to a predetermined size (number of letters).

(5) The size of the code word must be determined by study of the word population in question. Exceptions to the rules must be very few, but some cannot be avoided.

ORDER OF DELETION OF LETTERS

1. A	10. T	19. G
2. E	11. N	20. P
3. I	12. S	21. K
4. O	13. R	22. B
5. U	14. L	23. V
6. W	15. D	24. X
7. H	16. C	25. J
8. Y	17. M	26. Q
9. (Double letters (delete one	18. F	27. Z

EXAMPLES:

Original Word								Abbreviation
(1) ABBREVIATION	(2)	ABBRVTN	(3)	ABRVTN	(4)	ABRVN	(5)	ABRV
(1) GEOCHRONOLOGY	(2)	GCHRNLGY	(3)	GCRNLGY	(4)	GRNCLG	(5)	GCRN
(1) CRETACEOUS	(2)	CRTCS					(3)	CRCS
(1) PLEISTOCENE	(2)	PLSTCN	(3)	PLSCN			(4)	PLSC

ABBREVIATIONS FOR BOREHOLE LOGGING

IRRUPTIVE ROCKS	Abbreviation
Black norite	BKNR
Blue band norite	BBNR
Brown norite	BRNR
Felsic (salic) norite	FSNR
Lower felsic norite	LFNR
Green norite	GRNR
Inclusion norite	INNR
Mafic (femic) norite	MFNR
Micropegmatite	MPEG
Norite	NR
Transition norite	TRNR
Upper norite	UPNR
Quartz rich norite	QZNR
Quartzose brown norite	QBNR
Quartzose green norite	QGNR

SUB-LAYER ROCKS	
Basic norite (grey matrix)	BSNR
Granite breccia	GRBX
Inclusion basic norite	IBNR
Inclusion quartz diorite	IQD
Leucocratic quartz diorite	LCQD
Quartz diorite	QD
Sub-layer norite	SLNR

ORE TYPES	
Bleb	BLEB
Blebs	BLBS
Blebby	BLBY
Breccia sulphide	BXSU
Contact sulphide	CTSU
Contorted schist inclusion sulphide	CSIS
Disseminated	DISS
Disseminated quartz diorite in sulphide	DQDS
Disseminated sulphide in granite breccia	DSGB
Disseminated sulphide in quartz diorite	DSQD
Gabbro-peridotite inclusion sulphide	GPIS
Inclusion massive sulphide	INMS
Interstitial sulphide	INSU
Lens	LNS
Lenses	LNSS
Massive sulphide	MASU
Murray breccia	MUBX

ORE TYPES (Cont'd.)	Abbreviation
Ragged disseminated	RGDI
Streak	STK
Streaks	STKS
Stringer	STR
Stringers	STRS
Sulphide	SULP

ORE MINERALS	
Arsenide	ARSD
Bornite	BN
Chalcopyrite	CP
Cubanite	CUB
Galena	GAL
Gersdorffite	GERS
Magnetite	MT
Marcasite	MC
Millerite	MLT
Niccolite	NC
Pentlandite	PN
Pyrite	PY
Pyrrhotite	PO
Sphalerite	SPH
Violarite	VT

ROCK MINERALS	
Actinolite	ACT
Biotite	BIOT
Calcite	CALC
Carbonate	CARB
Chlorite	CHL
Epidote	EPID
Feldspar	FSP
Garnet	GAR
Hematite	HEM
Hornblende	HBL
Limonite	LIM
Pyroxene	PRXN
Quartz	QTZ
Sericite	SRCT
Tremolite	TREM

DYKES	
Acid dyke	ACDK
Aplite	APL
Basic dyke	BCDK
Diabase	DIA
Felsite	FELS
Lamprophyre	LAMP
Olivine diabase	OD

DYKES (Cont'd.)	Abbreviation
Porphyry	PRPH
Porphyritic	PRPC
Trap	TRAP

GENERAL & MISCELLANEOUS

Acid dyke	ACDK
Acid hornfels	ACHF
Actinolite	ACT
Actinolitic	ACTC
Agglomerate	AGLM
Alaskite	ALSK
Alteration	ALTN
Altered	ALTD
Amount	AMT
Amphibole	AMPB
Amphibolite	AMPH
Amphibolitic	AMPC
Amygdaloidal	AMYG
Andesite	ANDS
Angular	AGLR
Anhedral	ADRL
Anorthosite	AN
Anorthositic	ANIC
Aplite	APL
Aplitic	APLC
Argillite	ARG
Arkose	ARK
Arsenide	ARSD
Band	BND
Banded	BNDD
Bands	BNDS
Barren	BRN
Basal	BSL
Basal Onaping breccia	BOBX
Basalt	BSLT
Basic dyke	BCDK
Basic hornfels	BAHF
Biotite	BIOT
Black	BK
Black porphyry	BKPR
Bleb	BLEB
Blebs	BLBS
Blebby	BLBY
Blue	BLUE
Bornite	BN
Boulder	BLDR
Boulders	BLDS
Breccia	BX
Brecciated	BXTD
Breccia matrix	BXMX
Breccia siliceous	BXSI
Breccia sulphide	BXSU
Brown	BRWN

GENERAL & MISC. (Cont'd.)	Abbreviation
Calcite	CALC
Carbonate	CARB
Carbonated	CRBD
Carbonate rock	CBRK
Casing	CAS
Cave	CAVE
Cemented	CMTD
Chalcopyrite	CP
Chelmsford sandstone	CHSS
Chert	CHRT
Cherty	CHTY
Chlorite	CHL
Chloritic	CHLC
Coarse	CS
Coarse grained	CG
Complex	CPLX
Conglomerate	CONG
Constituent	CONS
Contact	CT
Contact sulphide	CTSU
Crystal	XTL
Crystals	XTLS
Crystalline limestone	XLLS
Cubanite	CUB
Dacite	DCT
Dark	DK
Diabase	DIA
Diorite	DIO
Disseminated	DISS
Dolomite	DLMT
Dunite	DNT
Epidote	EPID
Epidotized	EPDZ
Fault	FLT
Faulted	FLTD
Feldspar	FSP
Feldspathic	FDPC
Feldspar prophyry	FDPR
Felsite	FELS
Fine	FN
Fine grained	FG
Foliated	FOTD
Foliation	FOTN
Footwall	FW
Fracture	FRCT
Fractured	FRCD
Fragment	FRGM
Fragments	FGMS
Frood breccia	FRBX
Gabbro	GAB
Gabbroic	GBIC

GENERAL & MISC. (Cont'd.)	Abbreviation
Galena	GAL
Garnet	GAR
Gersdorffite	GERS
Gneiss	GN
Orthogneiss	ORGN
Paragneiss	PRGN
Grain	G
Granite	GR
Granite breccia	GRBX
Granite gneiss	GRGN
Granitic	GRNC
Granitized	GRZD
Granitization	GRZN
Granodiorite	GRDR
Granophyre	GRP
Granophyric	GRPR
Granular	GRLR
Graphic	GPHC
Graphite	GRPT
Graphitic	GRPC
Green	GRN
Greenstone	GS
Grey	GY
Grey gabbro	GYGB
Greywacke	GWKE
Ground core	GC
Hangingwall	HW
Hematite	HEM
Hornblende	HBL
Hornblendite	HBLT
Hornfels	HRFL
Hypidiomorphic	HPMC
Impure	IMP
Inclusion	INCL
Inclusions	INCS
Interstitial sulphide	INSU
Intrusive	INTR
Irregular	IREG
Iron formation	IF
Joint	JT
Jointed	JTD
Jointing	JTG
Joints	JTS
Lamprophyre	LAMP
Lens	LNS
Lenses	LNSS
Levack breccia	LVBX
Limonite	LIM
Limestone	LS
Lineament	LNMT

GENERAL & MISC. (Cont'd.)	Abbreviation
Lineated	LNTD
Lineation	LNTN
Light	LT
Lost core	LC
Magnetic	MTC
Magnetite	MT
Marble	MRBL
Massive	MASS
Massive sulphide	MASU
Matrix	MTX
Medium	MED
Medium grained	MG
Metacryst	MTCR
Metadiabase	MTDB
Metadiorite	MTDR
Metagabbro	MTGB
Metasediment	MTSD
Mica	MICA
Micaceous	MICS
Migmatite	MGMT
Migmatitic	MGMC
Millerite	MLT
Mineral	MIN
Mineralized	M
Mineralized strong	MS
Mineralized weak	MW
Mineralized very weak	MVW
Mineralized very very weak	MVVW
Moderate	MOD
Moderately	MODY
Monzonite	MONZ
Mottled	MTLD
Mud	MUD
Mylonite	MYL
Mylonitic	MYLC
Niccolite	NC
Norite	NR
Occasional	OCC
Olivine diabase	OD
Onaping tuff	ONTF
Onwatin slate	ONSL
Overburden	OB
Panidiomorphic	PNMC
Parallel	PLL
Part	PRT
Partly	PTLY
Pegmatite	PEG
Pegmatitic	PGTC
Pentlandite	PN
Percent	PCNT

GENERAL & MISC. (Cont'd.)	Abbreviations
Peridotite	PRDT
Phenocrysts	PHCR
Pink	PK
Porous	POR
Porphyroblast	PRBT
Porphyry	PRPH
Feldspar porphyry	FLPR
Quartz porphyry	QZPR
Porphyritic	PRPC
Pyrite	PY
Pyritic	PYC
Pyroxene	PRXN
Pyroxenite	PXT
Pyrrhotite	PO
Quartz	QTZ
Quartzite	QTE
Quartz diorite	QD
Ragged	RGD
Red	RED
Right	RT
Remnant	RMNT
Remnants	RMNS
Rhyolite	RHY
Round	RND
Rounded	RNDD
Sand	SAND
Sandstone	SS
Saturated	SAT
Schist	SCH
Schisted	SCHD
Schisting	SCHG
Schists	SCHS
Sediments	SEDS
Seam	SEAM
Segregation	SGN
Segregations	SGNS
Segment	SGMT
Segments	SGMS
Sericite	SRCT
Sericitic	SRCC
Serpentine	SRPN
Serpentinite	SRPT
Shale	SHL
Shear	SHR
Sheared	SHRD
Shearing	SHRG
Siliceous	SLCS

GENERAL & MISC. (Cont'd.)	Abbreviation
Silicified	SLFD
Silt	SILT
Siltstone	SLTS
Skarn	SKN
Slate	SLT
Slickensided	SCKD
Slight	SLI
Slightly	SLLY
Small	SML
Speck	SPK
Specks	SPKS
Sphalerite	SPH
Spot	SPT
Spots	SPTS
Streak	STK
Streaks	STKS
Stringer	STR
Stringers	STRS
Strong	STRG
Strongly	STGL
Structure	STRT
Subhedral	SBRL
Sudbury breccia	SUBX
Sudburite	SUDB
Sulphide	SULP
Syenite	SYNT
Augite syenite	ASYN
Nepheline syenite	NSYN
Trachyte	TRCT
Transition	TRNS
Trap	TRAP
Tremolite	TREM
Tremolitic	TRMC
Tuff	TUFF
Tuffite	TUFI
Tuffaceous	TFCS
Ultrabasic	UB
Uhedral	UDRL
Vermilion formation	VMFO
Vesicular	VSC
Volcanic	VOLC
Vug	VUG
Vuggy	VUGY
Water	WTR
Weak	WK
Weakly	WKLY
Yellow	YLW
Zone	ZONE

BOREHOLE RECORD
****

DATE PROCESSED APR 18,1973

CHK'D.....

BOREHOLE#	PROPERTY	NTS#	SH#	ANOM#	DEPTH	AZIMUTH	DIP	LATITUDE	DEPARTURE	ELEVATION	LEVEL
49866-0	SAKAMI PROJECT	33F 2W			204	180 00	-45 00	S 1130	W 1200		

DATE.....

INCLINATION AND TROPARI TESTS

DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP

TOPS OF WEDGES

LOGGED BY..JAMIESON R A STARTED..SEPT 21,1972 COMPLETED..SEPT 25,1972

COMMENTS

DRLD CANICO WINKIE IEX-J P FOURNIER-PERMIT AREA 548 ZO NE 2 -24 FT EW CASING & CASING SHOE #928 LEFT IN HOLE

SAMPLE ENTRIES

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
0.0	0.0				COLLAR	
23.0	23.0				FW CASING START OF CORE SAND GRAVEL & SMALL BOULDERS	
32.9	9.9			DIA	MAFIC DYKE ALTD WELL FOTD AMPB BIOT FSP MG MED TO DK GRN	49
38.0	5.1			GWKE	MTSD LOC SLCS LOC MAFIC DYKE MATERIAL AS INCS WELL FOTD GENERALLY GY TO BRWN MG LOC GRN IN COLOR BLEBS PY 1 % LOC THROUGHOUT	42
103.8	65.8			DIA	AS TO 32.9 WELL FOTD FROM 60 TO 70 DEGREES LOC AS SHALLOW AS 15 DEGREES AT 89.0 BIOTITIC BNDS RANDOM CALC VE INS LOC STRS PY 1%	
113.4	9.6			SCH	SLCS MTSD QTZ FSP BIOT WELL FOTD FG TO MG MED TO DK GY	35
115.0	1.6			DIA	MAFIC DYKE AS TO 32.9	
119.2	4.2			SCH	AS TO 113.4	
136.0	16.8			SCH	AS TO 113.4 INTERBNDD SLCS MTSDWITH MAFIC BNDS OF BIOT & AMPB WELL FOTD	30
140.1	4.1			DIA	MAFIC DYKE AS TO 32.9 30 DGREE CONT ACT WITH FOLLOWING S-CC QTE	
146.3	6.2			QTE	SRCC IMPURE GY TO YELLOWISH GYMG BL OCKY GROUND LOST CORE FROM 145.1 TO 146.2	15
165.9	19.6			SCH	AS TO 113.4 TRACE CP 1% 155.6	
186.1	20.2			DIA	MAFIC DYKE AS TO 32.9	
186.8	0.7			ARK	PEBBLY MG WHITE TO GY FSP PHCR LOC BIOTIC SHARP CONFORMABLE CONTACTS TOP & BOTTOM	
190.7	3.9			DIA	MAFIC DYKE AS TO 32.9	
204.0	13.3			QTE	IMPURE SRCC AS TO 146.3 FOTD FROM 0 TO 10 DEGREES LOC FOLDED FOOT OF HOLE	40

ASSAYS OF THE FOLLOWING ELEMENTS WERE REQUESTED FOR THIS HOLE.....THERE ARE NO ENTRIES IN THIS CATEGORY

FOR THIS HOLE, ASSAYS OF THE FOLLOWING ELEMENTS HAVE BEEN RECEIVED..THERE ARE NO ENTRIES IN THIS CATEGORY

BOREHOLE SUMMARY
****

FOOTAGE	MNZN	ROCK
23.0		
32.9		DIA
38.0		GWKE
103.8		DIA
113.4		SCH
115.0		DIA
136.0		SCH
140.1		DIA
146.3		QTE
165.9		SCH
186.1		DIA
186.8		ARK
190.7		DIA
204.0		QTE

BOREHOLE RECORD
****

DATE PROCESSED APR 19,1973

CHK'D.....

BOREHOLE#	PROPERTY	NTS#	SH#	ANOM#	DEPTH	AZIMUTH	DIP	LATITUDE	DEPARTURE	ELEVATION	LEVEL
49867-0	SAKAMI PROJECT	33F 2W			267	180 00	-45 00	N 940	W 3600		

DATE.....

INCLINATION AND TROPARI TESTS

DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP

TOPS OF WEDGES

LOGGED BY..JAMIESCN R A STARTED..SEPT 26,1972 COMPLETED..OCT 02,1972

COMMENTS

DRLC CANICC WINKIE IEX T WAKEGIJIG PERMIT 548 ZONE 2
14 FT EW CASING & CASING SHOE #932 LEFT IN HOLE

SAMPLE ENTRIES

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
0.0	0.0				COLLAR	
13.0	13.0				EW CASING SOC SAND & GRAVEL	
13.7	0.7			SCH	GAR CHL FSP (Q) WELL FOTD MITC INCL IN UM (Q)	40
16.7	3.0			UM	MED TC CG CALCAREOUS ALTD GRN TO DK GRN DIOPSIDE SKN AT 15.0	
20.5	3.8			AMPH	SIMILAR TO 16.7 BUT MORE FG IN CONTACT WITH QTE	
23.5	3.0	FX013301	MVVW	QTE	IMPURE DIRTY CHLC SRCC MG GY TO GY GRN	
24.6	1.1	FXC13301	MVVW	CCNG	QTZ PEBBLE 25 TO 40% PEBBLES GENERALLY STRAINED FROM .5 TO 1.0 INCH IN LENGTH MTX IS IMPURE MAFIC QTE	
25.5	0.9	FX013301	MVVW	QTE	IMPURE MAFIC MG LOC PEBBLY DK GRN	
28.5	3.0	FX013302	MVVW	QTE	AS TO 25.5 LOC SKN ZONES AT 26.2	
29.1	0.6	FX013302	MVVW	CCNG	QTZ PEBBLE WKLY RADIOMETRIC 40 TO 50 % PEBBLES	
30.5	1.4	FX013302	MVVW	QTE	AS TO 25.5	
35.5	5.0	FX013303	MVVW	QTE	AS TO 25.5	
40.0	4.5	FX013304	MVVW	QTE	AS TO 25.5	
40.5	0.5	FX013304	MVVW	ARK	LIGHT TC MED GY FG TO MG WELL FOTD LOC GARNETIFEROUS LOC PY 1% SHARP 71 DEGREE CONTACT BOTTOM	62
45.5	5.0	FX013305	MVVW	ARK	AS TO 40.5	
45.9	0.4	FX013306	MVVW	ARK	AS TO 40.5 TS-C-72-3145 @ 41.1 FT-ARKOSA	
48.2	2.3	FX013306	MVVW	QTE	AS TO 28.5 LOC SKN ZONES	
50.5	2.3	FX013306	MVVW	QTE	IMPURE LOC PEBBLY THROUGHOUT LO TO 15% PEBBLES CHL & BIOT ARE MAJOR IMPURITIES WELL FOTD IN ZONES THIS DESCRIPTION ENDS AT 121.1 LOC SKN ZONES AT 72.0-82.5-93.3 3 MINOR FE STAINING AT 68.0 PEBBLES VARY IN SIZE FROM SMALL TO RELATIVELY LARGE & ARE MAINLY ELONGATED BECOMES MORE SRCC AT BOTTOM FE STAINING AT 99.3	45
55.5	5.0	FX013307	MVVW	QTE	AS TO 50.5	
60.5	5.0	FX013308	MVVW	QTE	AS TO 50.5	

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
65.5	5.0	FX013309	MVVW	QTE	AS TO 50.5	
70.5	5.0	FX013310	MVVW	QTE	AS TO 50.5	
75.5	5.0	FX013311	MVVW	QTE	AS TO 50.5	
80.5	5.0	FX013312	MVVW	QTE	AS TO 50.5	
85.5	5.0	FX013313	MVVW	QTE	AS TO 50.5	
90.5	5.0	FX013314	MVVW	QTE	AS TO 50.5	
95.5	5.0	FX013315	MVVW	QTE	AS TO 50.5	
100.5	5.0	FX013316	MVVW	QTE	AS TO 50.5	
105.5	5.0	FX013317	MVVW	QTE	AS TO 50.5	
110.5	5.0	FX013318	MVVW	QTE	AS TO 50.5	
115.5	5.0	FX013319	MVVW	QTE	AS TO 50.5	
120.5	5.0	FX013320	MVVW	QTE	AS TO 50.5	
121.1	0.6	FX013321	MVVW	QTE	AS TO 50.5	
122.5	1.4	FX013321	MVW	CONG	QTZ PEBBLE SOME ELONGATED & OTHERS ROUNDED FROM .25 TO 2 INCHES IN LENGTH BIOT & CHL SURROUNDING QTZ PEBBLES PY 2 TO 3% 80% PEBBLES	
124.5	2.0	FX013322	MVW	CONG	AS TO 122.5	
125.8	1.3	FX013323	MVW	CONG	AS TO 122.5	
126.5	0.7	FX013323	MVW	CONG	AS TO 122.5 LESS INDISTICT PEBBLE BOUNDARIES VERY CHLC	
129.2	2.7	FX013324	MVW	CONG	AS TO 126.5	
130.3	1.1	FX013324	MVVW	QTE	AS TO 50.5 LESS PEBBLY	
131.5	1.2	FX013324	MVW	CONG	AS TO 122.5 MORE PY RICH IN RADIOMET RIC ZONES AS HIGH AS 40% AT 144.7	
135.9	4.4	FX013325	MVW	CONG	AS TO 131.5	
137.7	1.8	FX013326	MVW	CONG	AS TO 131.5	
140.3	2.6	FX013327	MVW	CONG	AS TO 131.5	
142.0	1.7	FX013328	MVW	CONG	AS TO 131.5	
144.0	2.0	FX013329	MVW	CONG	AS TO 131.5	
145.0	1.0	FX013330	M	CONG	AS TO 131.5 PS C-72-3150 TS-C-72-3150 @ 1447 FT & PYRITE-URANITE	
150.0	5.0	FX013331	MVVW	CONG	(Q) OR PEBBLY QTE (Q) AS TO 50.5 30% PEBBLES TS-C-72-3171 @ 146.0 RHYOCACITIE TUFF	
155.0	5.0	FX013332	MVVW	CONG	AS TO 150.0	
157.0	2.0	FX013333	MVVW	CONG	AS TO 150.0	
157.8	0.8	FX013334	MVVW	CONG	AS TO 150.0	
158.2	0.4	FX013334	MVW	CONG	AS TO 122.5	
162.6	4.4	FX013335	MVW	CONG	AS TO 122.5	
163.2	0.6	FX013335	MVVW	QTE	MG MEC TO DKGY LOC SRCC LCC PEBBLY	
168.2	5.0	FX013336	MVVW	QTE	AS TO 163.2	
169.4	1.2	FX013337	MVVW	QTE	AS TO 163.2	
173.2	3.8	FX013337	MVVW	QTE	AS TO 28.5	
174.2	1.0	FX013338	MVVW	QTE	AS TO 28.5	
179.3	5.1	FX013338	MVVW	QTE	DESCRIPTION TO 191.3 AS TO 163.2 LOC NON PYRITIC CONGATIC ZONES FROM 175 .4 TO 176.1 & 177.3 TO 180.3 BEING MAIN CNE & BEING WKLY RADIOMETRIC	
181.3	2.0	FX013339	MVW	QTE	AS TO 179.3	
186.3	5.0	FX013340	MVVW	QTE	AS TO 179.3	
191.3	5.0	FX013341	MVVW	QTE	AS TO 179.3	
192.7	1.4	FX013342	MVW	CONG	AS TO 131.5	
194.0	1.3	FX013343	MVW	CONG	AS TO 131.5	

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
196.3	2.3	FX013344	MVW	CONG	AS TO 131.5	
201.5	5.2	FX013345	MVVW	ARG	DK GY TO BK FG POSSIBLE GWKE (MTSD)	
					TS-C-72-3169 @ 200.0 FT	
					RHYOLITIC TUFF	
203.0	1.5	FX013346	MVW	CONG	AS TO 122.5	
204.5	1.5	FX013347	MVW	CONG	AS TO 122.5	
204.9	0.4	FX013348	MVW	CONG	AS TO 122.5	
209.5	4.6	FX013348	MVVW	ARG	AS TO 201.5	
211.1	1.6	FX013349	MVVW	ARG	AS TO 201.5	
212.4	1.3	FX013349	MVVW	CONG	AS TO 24.6 NON RADIOMETRIC & NON PYR	
					ITIC	
214.5	2.1	FX013349	MVVW	ARG	AS TO 201.5	
220.6	6.1	FX013350	MVVW	ARG	AS TO 201.5	
222.6	2.0	FX013351	MVVW	CONG	AS TO 131.5	
223.2	0.6	FX013352	MVVW	ARG	AS TO 201.5 PY STRS 1%	
227.6	4.4	FX013352	MVVW	ARK	PEBBLY WHITE TO LIGHT GY GNEISSIC	70
					QTZ FSP BIOT SPECKS & FLAKES PY 1%	
					FOTD	
232.6	5.0	FX013353	MVVW	ARK	AS TO 227.6	
237.6	5.0	FX013354	MVVW	ARK	AS TO 227.6	
242.6	5.0	FX013355	MVVW	ARK	AS TO 227.6	
					TS C-72-3146 @ 239. DACITEOR OR GWKE	
243.6	1.0	FX013356	MVVW	ARK	AS TO 227.6	
247.6	4.0	FX013356	MVVW	QTE	AS TO 50.5	
249.3	1.7	FX013357	MVVW	QTE	AS TO 50.5 WKLY RADIOMETRIC	
250.5	1.2	FX013357	MVVW	ARG	AS TO 201.5	
251.7	1.2	FX013357	MVW	CONG	AS TO 131.5	
253.3	1.6	FX013358	MVW	CONG	AS TO 131.5	
255.0	1.7	FX013359	MVW	CONG	AS TO 131.5	
256.5	1.5	FX013360	MVW	CONG	AS TO 131.5	
258.1	1.6	FX013361	MVW	CONG	AS TO 131.5	
259.7	1.6	FX013362	MVW	CONG	AS TO 131.5 C-72-3151	
					AT 256.7 QTE PEBBLY	
260.9	1.2	FX013363	MVW	CONG	AS TO 131.5	
262.2	1.3	FX013364	MVW	CONG	AS TO 131.5	
263.7	1.5	FX013365	MVW	CONG	AS TO 131.5	
265.1	1.4	FX013366	MVW	CONG	AS TO 131.5	
266.2	1.1	FX013367	MVW	CONG	AS TO 131.5 FOOT OF HOLE	

ASSAYS OF THE FOLLOWING ELEMENTS WERE REQUESTED FOR THIS HOLE.....PM, U

FOR THIS HOLE, ASSAYS OF THE FOLLOWING ELEMENTS HAVE BEEN RECEIVED..TH, U

BOREHOLE SUMMARY
****

FOOTAGE	MNZN	ROCK
13.0		
13.7		SCH
16.7		UM

20.5		AMPH
23.5	MVVW	QTE
24.6	MVVW	CONG
28.5	MVVW	QTE
29.1	MVVW	CONG
40.0	MVVW	QTE
45.9	MVVW	ARK
121.1	MVVW	QTE
129.2	MVW	CONG
130.3	MVVW	QTE
144.0	MVW	CONG
145.0	M	CONG
157.8	MVVW	CONG
162.6	MVW	CONG
179.3	MVVW	QTE
181.3	MVW	QTE
191.3	MVVW	QTE
196.3	MVW	CONG
201.5	MVVW	ARG
204.9	MVW	CONG
211.1	MVVW	ARG
212.4	MVVW	CONG
220.6	MVVW	ARG
222.6	MVVW	CONG
223.2	MVVW	ARG
243.6	MVVW	ARK
249.3	MVVW	QTE
250.5	MVVW	ARG
266.2	MVW	CONG

BOREHOLE RECORD
****

DATE PROCESSED APR 18,1973

CHK'D.....

BOREHOLE#	PROPERTY	NTS#	SH#	ANOM#	DEPTH	AZIMUTH	DIP	LATITUDE	DEPARTURE	ELEVATION	LEVEL
49868-0	SAKAMI PROJECT	33F 2W			232	180 00	-55 00	N 885	W 4400		DATE.....

INCLINATION AND TROPARI TESTS

DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP

TOPS OF WEDGES

LOGGED BY..JAMIESON R A STARTED..SEPT 26,1972 COMPLETED..OCT 02,1972

COMMENTS

DRLD CANICO WINKIE L KEARNEY EXT PERMIT 548 ZONE 3E-20 FT AW CASING & AW SHOE #113 & 33 FT EW CASING & EW SH

SAMPLE ENTRIES

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
0.0	0.0				COLLAR	
32.0	32.0				EW CASING SOC SAND GRAVEL & BOULDERS	
32.7	0.7			CONG	QTZ PEBBLE DRTY POORLY SORT ED-50 TO 60% PEBBLES HIGHLY WEATHERED	
36.7	4.0			SCH	BIOT AMPB CHL MG PO & PY THROUGHOUT 2-4% GRN TO BK	
43.7	7.0			ARK	PEBBLY WHITE TO LIGHT GY GNEISSIC QT SO Z FSP BIOT SPECKS & FLAKES PY 1% FOTD	
44.2	0.5			ARG	GWKE (Q) DK GRN TO BK BIOT AMPB MINOT FSP MED TO FG	
47.2	3.0			QTE	LOC QTZ PEBBLY IMPURE MG GY TO MED DK GY LOC BIOT RICH	
47.6	0.4			ARK	AS TO 43.7 7-A LITTLE LESS PEBBLY & MORE BIOTITIC IN PATCHES	
48.8	1.2			SCH	BIOT MINOR FSP MG BRWN TO BK SHARP 45 DEGREE CONTACT WITH FOLLOWING	
51.4	2.6			DIA	(Q) MAFIC DYKE BIOT AMPB FSP MG GRN MTSD (Q) SHARP 50 DEGREE CONTACT WIT H FOLLOWING ARK(CONFORMABLE)	
72.2	20.8			ARK	WHITE TO CHERTY YELLOW MG LOC GARNET 52 IFEROUS LOC CUT BY QTZ VEINS MINOR BIOT WKLY FOTD PO & PY BLEBS **1% SHARP CONTACT WITH FOLLOWING ARG	
73.0	0.8			ARG	MG TO FG BIOT AMPB FSP SCH BK FOTD PY 1% BLEBS & STRS	51
94.0	21.0			ARK	AS TO 43.7	
95.1	1.1			ARG	AS TO 73.0	
114.7	19.6			ARK	AS TO 72.2	
115.3	0.6			ARG	AS TO 73.0	
116.0	0.7			ARK	AS TO 72.2	
116.3	0.3			ARG	AS TO 73.0 - SHARP & CONFORMABLE CONTACTS	
124.8	8.5			ARK	AS TO 72.2 BECOMING WKLY MORE QTEIC	
126.3	1.5			ARG	AS TO 73.0	
127.6	1.3			CONG	QTZ PEBBLE NARROW 1 INCH STRAINED PEBBLES IN A BIOTITIC & CHLC IMPURE QTE MTX WKLY RADIOMETRIC AT 127.5 TO	

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
					127.6 PY 1% 50 CPS	
142.2	14.6			QTE	IMPURE SRCC & MAFIC LOC PEBBLY CHLC MG MEC TO DK GY (Q) WKLY YELLOWISH WKLY FOTD	74
146.4	4.2			CONG	AS TO 127.6 QTZ PEBBLES LESS DISTINC T PY 2-3% NON RADIOMETRIC	
157.5	11.1			QTE	PURE TO IMPURE MG SRCC WHITE TO MED GY BECOMING MORE DRTY & CHLC NEAR BOTTOM GROUND CORE 150.1 TO 152.3 FE STAINING AT 150.0	
161.0	3.5			AMPH	(A) AMPH & FSP MINOR BIOT DK GRN TO BK MG TO FG TRACE PY	
172.5	11.5			QTE	AS TO 157.5 MORE DRTY BLEBS PY 1%	
197.5	25.0			QTE	IMPURE SRCC WELL FOTD LOC NARROW FUC HSITE ENDS MG MED GY TO YELLOWISH GY BECOMING LESS SRCC & MORE MAFIC TOW WARD BOTTOM TRACES PY 1% FE STAINING THROUGHOUT LOC HEM STAINING	60
232.0	34.5			DIA	MAFIC DYKE DK GRN MG AMPB FSP BIOT MG PEARLY TEXTURE FOOT OF HOLE	

ASSAYS OF THE FOLLOWING ELEMENTS WERE REQUESTED FOR THIS HOLE.....THERE ARE NO ENTRIES IN THIS CATEGORY

FOR THIS HOLE, ASSAYS OF THE FOLLOWING ELEMENTS HAVE BEEN RECEIVED..THERE ARE NO ENTRIES IN THIS CATEGORY

BOREHOLE SUMMARY
****

FOOTAGE	MNZN	ROCK
32.0		
32.7		CONG
36.7		SCH
43.7		ARK
44.2		ARG
47.2		QTE
47.6		ARK
48.8		SCH
51.4		DIA
72.2		ARK
73.0		ARG
94.0		ARK
95.1		ARG
114.7		ARK
115.3		ARG
116.0		ARK
116.3		ARG
124.8		ARK
126.3		ARG
127.6		CONG
142.2		QTE

146.4	CONG
157.5	QTE
161.0	AMPH
197.5	QTE
232.0	DIA

BOREHOLE RECORD
****

DATE PROCESSED APR 19,1973

CHK'D.....

BOREHOLE#	PROPERTY	NTS#	SH#	ANOM#	DEPTH	AZIMUTH	DIP	LATITUDE	DEPARTURE	ELEVATION	LEVEL
49869-0	SAKAMI PROJECT	33F 2W			233	180 00	-45 00	S 1510	W 1200		

DATE.....

INCLINATION AND TROPARI TESTS

DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP

TOPS OF WEDGES

LOGGED BY..JAMIESON R A STARTED..SEPT 27,1972 COMPLETED..OCT 03,1972

COMMENTS

DRLD CANICO WINKIE EXT J P FOURNIER & C HARVEY PERMIT 548 ZONE 3E ALL CASING & SHOE PULLED

SAMPLE ENTRIES

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
0.0	0.0				COLLAR	
1.0	1.0				EW CASING START OF CORE GRAVEL	
18.1	17.1			DIA	MAFIC DYKE WELL FOTD AMPB FSP BIOT G	46
					RN TO DK GRN MG PEARLY TEXTURE LOC	
					CUT BY CALC VEINS LCC PC & PY 1%	
21.5	3.4			SCH	(Q) BIOT AMPB FSP QTZ CHL MED BRWN	
					TO GY MG BLEBS PO & PY 1%	
98.7	77.2			QTE	IMPURE CHLC & BIOTIC LOC ARKOSIC MG	22
					GY TO MED GY GRN LOC HEM STAINING	
					WELL FOTD IN ZONES LOC SRCC AS WELL	
					BLEBS PO & PY 1% LOCAL SKN (DIOPSID	
					E) ZONES 27.3 TO 27.9 & 28.9 TO 29.2	
					WITH MAFIC DYKE BETWEEN LCC BIOTIC	
					IN ENDS END OF WHITE(PURE Q) QTE AT	
					58.9 TO 60.2 BECOMING EXTREMELY	
					BIOTIC CHLC & SRCC AT 67.5 LOC PEBBL	
					Y AT 85.0 & 94.0 INDISTINCT POORL	
					Y VISBLE STRETCHED PEBBLES LOC	
					SKN AT 91.6	
101.2	2.5	FX011877	MVVW	QTE	AS TC 98.7	
103.7	2.5	FX011877	MVVW	CONG	QTZ PEBBLE WKLY 10 TO 20% PEBBLES IN	
					ABOVE QTE MTX PEBBLES ARE GENERALLY	
					1 INCH IN LENGTH & RELATIVELY	
					HIGHLY STRETCHED	
105.5	1.8	FX011878	MVVW	CONG	QTZ PEBBLE 1 TO 2 INCH STRAINED	30
					PEBBLES FOTD 70 TO 80% PEBBLES	
					CONSIDERABLE AMOUTN OF BICT SURR	
					PUNDING QTZ PEBBLES PY 1%	
107.1	1.6	FX011879	MVVW	QTE	AS TO 98.7	
109.2	2.1	FX011879	MVVW	CONG	AS TO 103.7	
111.5	2.3	FX011880	MVW	CONG	AS TO 103.7 PO & PY 1%	
111.8	0.3	FX011881	MVW	CONG	AS TC 111.5	
116.5	4.7	FX011881	MVVW	QTE	AS TC 98.7	
155.2	38.7			QTE	AS TO 98.7 POSSIBLY MORE AMPB RICH	
					LOC CONGATIC BNDS AT 128.2 128.8	
					WITH 1-2% PY BUT NON RADIO METRIC	
					MAINLY CHLC & SRCC QTE MTX CONGATIC	
					135.7 TO 136.4 WITH 1% PY BUT NON	

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
					RADIO METRIC & FROM 147.4 TO 147.7 WITH 70% PEBBLES BUT NON RADIOMETRIC PY 1%	
175.7	20.5			CONG	QTZ PEBBLE WKLY 10 TO 20% PEBBLES PY 1% NON RADIO METRIC QTZ PEBBLES ARE 1.5 INCHES LONG STRAINED FE STAINING AT 173.0 THESE PEBBLES APPEAR LESS TRANSLUCENT THAN MOST OTHER PEBBLES IN ALL OTHER BOREHOLES IN THIS AREA	
					MINOR AMOUNTS OF MTX ARE CALCIC QTZ PEBBLES VARY IN SIZE FOTD 25 TO 35 DEGREES	
180.5	4.8	FX011882	MVVW	CONG	AS TO 175.7	
181.6	1.1	FX011883	MVVW	CONG	AS TO 175.7	
183.5	1.9	FX011883	MVVW	CONG	QTZ PEBBLES AS TO 105.5 TYPICAL LESS TRANSLUCENT QTZ PEBBLES DIRTY IMPURE QTE MTX 70% PEBBLES PY 1%	
184.6	1.1	FX011884	MVVW	CONG	AS TO 183.5	
188.6	4.0	FX011885	MVVW	CONG	AS TO 183.5	
193.2	4.6	FX011886	MVVW	CONG	AS TO 183.5	
198.2	5.0	FX011887	MVVW	QTE	AS TO 98.7 TRACES ARSENOPYRITE 1%	
212.4	14.2			QTE	AS TO 98.7	
227.1	14.7			SCH	ATS FSP LCC GARNETIFEROUS & CHLC FOT 30 D LCC QTEIC ZONES MED TOFG BRWN TO GY GRN MTSD BECOMES MORE ARIC TOWAR DS BOTTOM PO & PY STRS 1%	
233.0	5.9			QTE	DIRTY LOCPEBBLY VERY CALCAREOUS DIO 36 PSIDE SKN (Q) SCHLC FOTD FOOT OF HOLE	

ASSAYS OF THE FOLLOWING ELEMENTS WERE REQUESTED FOR THIS HOLE.....PM, U

FOR THIS HOLE, ASSAYS OF THE FOLLOWING ELEMENTS HAVE BEEN RECEIVED..TH, U

BOREHOLE SUMMARY
****

FOOTAGE	MNZN	ROCK
1.0		
18.1		DIA
21.5		SCH
98.7		QTE
101.2	MVVW	QTE
105.5	MVVW	CONG
107.1	MVVW	QTE
109.2	MVVW	CONG
111.8	MVW	CONG
116.5	MVVW	QTE
155.2		QTE
175.7		CONG

193.2	MVVW	CONG
198.2	MVVW	QTE
212.4		QTE
227.1		SCH
233.0		QTE

BOREHOLE RECORD

DATE PROCESSED APR 18,1973

CHK'D.....

BOREHOLE#	PROPERTY	NTS#	SH#	ANOM#	DEPTH	AZIMUTH	DIP	LATITUDE	DEPARTURE	ELEVATION	LEVEL
49870-0	SAKAMI PROJECT	33F 2W			143	180 00	-45 00	S 1700	W 1200		

DATE.....

INCLINATION AND TROPARI TESTS

DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP

TOPS OF WEDGES

LOGGED BY..JAMIESON R A STARTED..OCT 03,1972 COMPLETED..OCT 08,1972

COMMENTS

DRLD CANICO WINKIE EXT C HARVEY PERMIT 548 ZONE 3E 7 FT EW CASING & EW CASING SHOE #929 LEFT IN HOLE

SAMPLE ENTRIES

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
0.0	0.0				COLLAR	
7.0	7.0				CB GRAVEL EW CASING START OF CORE	
26.6	19.6			QTE	IMPURE SRCC YELLOWISH GY MG WELL FOT D QTZ SRCT & FSP MINOR CAVE LOST CORE FRCM 11.0 TO 18.0 GROUND CORE THRCUGHOUT	35
30.8	4.2			ARK	GWKE QTZ FSP BIOT SCH MED TO FG LOC LIGHT TO MED GY STRS PC LOC 1% DRTY	
38.6	7.8			DIA	(Q) MAFIC DYKE(GAB) WELL FOTD AMPB FSP & MINOR BNDS BIOT TRACES PO & PY DK GRN MG LOC CALCIC STRS RELATIVELY SHARP CONTACTS	
43.5	4.9			ARK	AS TO 30.8 MAFIC INCL AT 41.7 TO 42. 3 SHARP CONTACT WITH FOLLOWING MAFIC AT 40 DEGREES	
51.5	8.0			DIA	(Q) AS TO 38.6 SHARP CONTACT WITH FOLLOWING AT 34 DEGREES	
57.0	5.5			ARK	MG WHITE TO GY QTZ FSP MINOR BIOT WELL FOTD AS A RESULT OF BIOT LOC PEBBLY SPECKS PY	34
59.0	2.0			CAVE	LOST CORE	
63.2	4.2			ARK	AS TO 57.0	
67.4	4.2			QTE	AS TO 26.6	
73.6	6.2			ARK	AS TO 57.0 ALMOST GNEISSIC SHARP 50 DEGREE CONTACT WITH FOLLOWING	
78.1	4.5			GWKE	ARG SIMILAR TO 30.8 MORE BIOTITIC ME D TO DK GY MG TO FG SHARP 42 DEGREE CONTACT WITH FOLLOWING ARG	
82.3	4.2			ARK	AS TO 73.6	
121.0	38.7			QTE	SRCC IMPURE AS TO 26.6 LOC HEM STAIN ING AT 86.3 TO 89.1 WELL FOTD LOC MA FIC BND AT 92.0 POSSIBLE ARG	35
143.0	22.0			ARK	AS TO 73.6 LOC PEBBLY THRCUGHOUT 1 TO 2 MM PHCR FSP FOTD	36
					FOOT CF HOLE	

ASSAYS OF THE FOLLOWING ELEMENTS WERE REQUESTED FOR THIS HOLE.....THERE ARE NO ENTRIES IN THIS CATEGORY

FOR THIS HOLE, ASSAYS OF THE FOLLOWING ELEMENTS HAVE BEEN RECEIVED..THERE ARE NO ENTRIES IN THIS CATEGORY

BOREHOLE SUMMARY
****

FOOTAGE	MNZN	ROCK
7.0		
26.6		QTE
30.8		ARK
38.6		DIA
43.5		ARK
51.5		DIA
57.0		ARK
59.0		CAVE
63.2		ARK
67.4		QTE
73.6		ARK
78.1		GWKE
82.3		ARK
121.0		QTE
143.0		ARK

BOREHOLE RECORD
****

DATE PROCESSED APR 19,1973

CHK'D.....

BOREHOLE#	PROPERTY	NTS#	SH#	ANOM#	DEPTH	AZIMUTH	DIP	LATITUDE	DEPARTURE	ELEVATION	LEVEL
49871-0	SAKAMI PROJECT	33F 2W			149	180 00	-45 00	S 155	E 340		SURF

DATE.....

INCLINATION AND TROPARI TESTS

DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP

TOPS OF WEDGES

COMMENTS

LOGGED BY..PATTISON EF STARTED..JULY 12,1972 COMPLETED..JULY 15,1972 DRLD IEX BY CANICC JP FOURNIER PERMIT 548 ZONE 1

SAMPLE ENTRIES

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
0.0	0.0				COLLAR SOC	
1.5	1.5	FX011301		GWKE	MASS BIOT RSTY FRCT	
10.6	9.1	FX011302		QTE	IMP MASS CCC THIN BEDS AGLS MTRL TS-C-72-2412 @ 1.6 FT TS-C-72-2413 @ 10.4 FT	
14.5	3.9	FX011303		SCH	CHL OCC BEDS IMP QTE PBBL META ARG TS-C-72-2414 @ 13.6 FT SCH	65
22.4	7.9	FX011304		AMPH	MG PBBL META DIA RARE BLBS PO CP	60
23.1	0.7	FX011305		QTE	IMP	
27.6	4.5	FX011306		AMPH	AS TO 22.4 OCC SMALL QTE INCS TS-C-72-2415 @ 23.6 FT	
30.7	3.1	FXC11307		QTE	IMP MASS BUT WITH THIN CHL STRS TS-C-72-2416 @ 30.5 FT	
31.5	0.8	FX011308		QTZ	VEIN QTZ	
33.5	2.0	FX011309		QTE	IMP AS TO 33.7	
44.8	11.3	FX011310		AMPH	META DIA OR META GWKE WITH SLCS BEDS	
50.3	5.5	FX011311		AMPH	AS TO 44.8 MORE FLSC TS-C-72-2417 @ 49.5 FT	
60.0	9.7	FX011312		GWKE	GRTT CNGC GRTT WITH CSCS FLSC CLOTS TS-C-72 2418 @ 52.0 FT META-ARKOSE TS-C-72-2419 @ 59.0 FT ARGILLACEOUS QTE	
70.0	10.0	FX011313		GWKE	AS TO 60.0	
76.2	6.2	FX011314		GWKE	AS TO 60.0 TS-C-72-2420 @ 72.4 FT ARGILLACEOUS QTE TS-C-72-2421 @ 72.5 FT QTE	
82.5	6.3	FX011315		QTE	IMP MASS MANY CHL SEAM MNOR PO PY CP	60
88.8	6.3	FX011316		QTE	WHT TC LT GRAY SRCC QTE TS-C-72-2422 @ 85.0 FT	
94.6	5.8	FX011317		QTE	AS TO 88.8 TS-C-72-2423 @ 94.0 FT	
97.5	2.9	FX011318		AMPH	PSBLMETA DIA WITH POSS CHLD EDGE TS-C-72-2424 @ 96.3 FT	50
105.0	7.5	FX011319		QTE	WHT SRCC QTE TS-C-72-2425 @ 100.0 FT	
110.6	5.6	FX011320		QTE	AS TO 105.0	
113.7	3.1	FX011321		GWKE	MED TC LT GRAY BNDD META GWKE TS-C-72-2426 @ 112.5 FT	45
123.0	9.3	FX011322		QTE	WHT SRCC QTE AS TO 110.6	

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
					TS-C-72-2427 @ 121.7 FT	
128.4	5.4	FX011323		AMPH	PSBLMETA GWKE	
					TS-C-72-2428 @ 123.4 FT	
129.4	1.0	FX011324		QTE	IMP	
					TS-C-72-2429 @ 129.0 FT	
141.7	12.3	FX011325		AMPH	PSBL META DIA OR META GWKE	
					TS-C-72-2430 @ 130.0 FT	
145.0	3.3	FX011326		QTE	WHT SRCC QTE	70
147.8	2.8	FX011327		GWKE	FLTD META GWKE	
					TS-C-72-2431 @ 147.0 FT ARKOSE	
149.0	1.2	FX011328		QTE	WHT SRCC QTE	
					TS-C-72-2432 @ 149.0 FT	
					FOOT OF HOLE	
					ELEMENT ASSAYED U308	

ASSAYS OF THE FOLLOWING ELEMENTS WERE REQUESTED FOR THIS HOLE.....U

FOR THIS HOLE, ASSAYS OF THE FOLLOWING ELEMENTS HAVE BEEN RECEIVED..TH, U

BOREHOLE SUMMARY
****

FOOTAGE	MNZN	ROCK
0.0		
1.5		GWKE
10.6		QTE
14.5		SCH
22.4		AMPH
23.1		QTE
27.6		AMPH
30.7		QTE
31.5		QTZ
33.5		QTE
50.3		AMPH
76.2		GWKE
94.6		QTE
97.5		AMPH
110.6		QTE
113.7		GWKE
123.0		QTE
128.4		AMPH
129.4		QTE
141.7		AMPH
145.0		QTE
147.8		GWKE
149.0		QTE

BOREHOLE RECORD
****

DATE PROCESSED APR 19,1973

CHK'D.....

BOREHOLE#	PROPERTY	NTS#	SH#	ANOM#	DEPTH	AZIMUTH	DIP	LATITUDE	DEPARTURE	ELEVATION	LEVEL	
49872-0	SAKAMI PROJECT	33F 2W			182	360 00	-40 00	S 10	E 415		SURF	DATE.....

INCLINATION AND TROPARI TESTS

DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP

TOPS OF WEDGES

COMMENTS

LOGGED BY..PATTISON EF STARTED..JULY 22,1972 COMPLETED..JULY 26,1972 DRLD 1EX BY CANICO JP FOURNIER PERMIT 547 ZONE 1

SAMPLE ENTRIES

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
0.0	0.0				COLLAR	
5.3	5.3	FX011329		AMPH	PROBABLE META DIABASE FOLIATE POSSIBLE CHILLED MARGIN	45
10.0	4.7	FX011330		QTE	WHITE FELDSPATHIC IMPURE QUARTZITE 1-2% PY RARE GARNET WEAK FOLIATION	45
14.8	4.8	FX011331		QTE	AS TO 10.0	
18.1	3.3	FX011332		ARG	FINELY BANDED BIOTITE RICH META ARGILLITE GARNETIFEROUS	45
23.1	5.0	FX011333		AMPH	PROBABLE META DIABASE CHILLED AT BOTH CONTACTS MG IN CENTRE FOLIATE	45
26.1	3.0	FX011334		ARG	BIOTITE AND CHLORITE RICH META ARGILLITE IN PLACES HIGHLY GARNETIFEROUS WELL BANDED GRADATION TO UNIT BELOW	45
30.0	3.9	FX011335		QTE	LIGHT GRAY POORLY BANDED IMPURE SERICITIC QTE OCC GARNETIFEROUS PATCHES LESS THAN 1% PY	45
35.0	5.0	FX011336		QTE	AS TO 30.0	
40.0	5.0	FX011337		QTE	AS TO 30.0	
45.0	5.0	FX011338		QTE	AS TO 30.0	
50.0	5.0	FX011339		QTE	AS TO 30.0	
54.5	4.5	FX011340		QTE	AS TO 30.0	
60.0	5.5	FX011341		ARG	WELL BANDED META ARGILLITE CONSISTS OF VARIABLE PROPORTIONS BIOT CHLOR GARNET MUSC QTZ FELDSPAR QUITE CG IN PLACES	45
65.0	5.0	FX011342		ARG	AS TO 60.0	
70.0	5.0	FX011343		ARG	AS TO 60.0	
75.7	5.7	FX011344		ARG	AS TO 60.0	
80.0	4.3	FX011345		QTE	IMPURE QTE A LITTLE MORE ARGILACEOUS THAN PREVIOUS QTE UNIT HAS WELL DEFINED CHLORITIC STRINGERS	45
85.0	5.0	FX011346		ARG	META ARGILLITE AS TO 75.7 WELL BANDED VERY ABUNDANT GARNET IN PLACES GRADATIONAL CONTACT WITH NEXT LOWER UNIT	45
90.0	5.0	FX011347		ARG	AS TO 85.0	
96.0	6.0	FX011348		ARG	AS TO 85.0	
102.5	6.5	FX011349		ARG	AS TO 85.0	

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
108.0	5.5	FX011350		QTE	THINLY BEDDED ARGILLACEOUS QTE OCC THIN INTERBEDS OF META ARGILLITE	45
114.0	6.0	FX011351		QTE	AS TO 108.0	
120.0	6.0	FX011352		QTE	AS TO 108.0	
126.0	6.0	FX011353		QTE	AS TO 108.0	
131.7	5.7	FX011354		QTE	AS TO 108.0	
133.8	2.1	FX011355		ARG	AS TO 85.0 MINOR THIN STRINGERS PO	45
140.8	7.0	FX011356		QTE	ARGILLACEOUS QTE AS TO 108.0	45
142.7	1.9	FX011357		ARG	CHLORITIC META ARGILLITE WITH 5% STRINGERS OF PO	
146.3	3.6	FX011358		QTE	IMPURE SERICITIC QTE OCC THIN LAMELLAE RICH IN CHROME MICA	
147.0	0.7	FX011359		QTE	CONGLOMERATIC QTE WITH 10% QTZ PEBBLES UP TO 1 INCH DIAMETER NOT CONSPICUOUSLY MORE RADIOACTIVE THAN NEIGHBOURING QUARTZITES	
152.1	5.1	FX011360		QTE	MASSIVE SERICITIC QTE WITH VERY MINOR PY	
152.5	0.4	FX011361		QTE	AS TO 152.1 BUT CONSPICUOUSLY MORE RADIOACTIVE THAN ADJACENT ROCKS	
159.4	6.9	FX011362		QTE	AS TO 152.1	
162.3	2.9	FX011363		QTE	ARGILLACEOUS QTE RICH IN CHROME MICA AND SERICITE	
169.0	6.7	FX011364		QTE	IMPURE SERICITIC QTE AS TO 152.1	
175.0	6.0	FX011365		QTE	AS TO 169.0	
175.8	0.8	FX011366		ARG	META ARGILLITE CONSISTING LARGELY OF CHROME MICA	
182.0	6.2	FX011367		QTE	MASSIVE IMPURE SERICITIC QTE WITH SOME CONSPICUOUS BANDS OF PYRITE FOOT OF HOLE	45

ASSAYS OF THE FOLLOWING ELEMENTS WERE REQUESTED FOR THIS HOLE.....U

FOR THIS HOLE, ASSAYS OF THE FOLLOWING ELEMENTS HAVE BEEN RECEIVED..TH, U , AU, OP, PD, PT

BOREHOLE SUMMARY
****

FOOTAGE	MNZN	ROCK
0.0		
5.3		AMPH
14.8		QTE
18.1		ARG
23.1		AMPH
26.1		ARG
54.5		QTE
75.7		ARG
80.0		QTE
102.5		ARG
131.7		QTE

133.8	ARG
140.8	QTE
142.7	ARG
175.0	QTE
175.8	ARG
182.0	QTE

BOREHOLE RECORD
****

DATE PROCESSED APR 19,1973

CHK'D.....

BOREHOLE#	PROPERTY	NTS#	SH#	ANOM#	DEPTH	AZIMUTH	DIP	LATITUDE	DEPARTURE	ELEVATION	LEVEL
49873-0	SAKAMI PROJECT	33F 2W			126	360 00	-45 00	N 320	W 1100		

DATE.....

INCLINATION AND TROPARI TESTS

DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP

TOPS OF WEDGES

LOGGED BY..SAUERBREI A STARTED..JULY 25,1972 COMPLETED..JULY 29,1972

COMMENTS

DRLD CANICO WINKIE IEX J P FOURNIER ZONE 1 PERMIT AR EA 548 LOGGED BY E PATTISON AS WELL

SAMPLE ENTRIES

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
0.0	0.0				COLLAR	
6.0	6.0	FX011368	MVW	QTE	RADIOACTIVE WHITE QUITE MASS & FAIRLY PURE VERY RARE QTZ PEBBLES 1% DISS PY	
12.0	6.0	FX011369	MVW	QTE	AS TO 6.0	
17.0	5.0	FX011370	MVW	QTE	AS TO 6.0	
22.0	5.0	FX011371	MVW	CONG	QTZ PEBBLE SHEARED SO THAT PEBBLES ARE ELONGATE PEBBLES ESSENTIALLY PURE QTZ MTX IS DIRTIER & CONTAINS CONSIDERABLE CHL & 2 TO 3% PY	
27.0	5.0	FX011372	MVW	CONG	AS TO 22.0	
32.0	5.0	FX011373	MVW	CONG	AS TO 22.0	
37.0	5.0	FX011374	MVW	CONG	AS TO 22.0	
42.0	5.0	FX011375	MVW	CONG	AS TO 22.0	
47.0	5.0	FX011376	MVW	CONG	AS TO 22.0	
52.0	5.0	FX011377	MVW	CONG	AS TO 22.0	
58.0	6.0	FX011378	MVW	CONG	AS TO 22.0	
61.0	3.0	FX011379	MVW	QTE	DIRTY CHLORITIC 2 TO 3% DISS PY SHARP CONTACT WITH UNDERLYING META ARG	
66.0	5.0	FX011380	MVVW	ARG	META BIOT GAR CHL AMPB SCH	
71.0	5.0	FX011381	MVVW	ARG	AS TO 66.0	
76.0	5.0	FX011382	MVVW	ARG	AS TO 66.0	
81.0	5.0	FX011383	MVVW	ARG	AS TO 66.0	
86.0	5.0	FX011384	MVVW	ARG	AS TO 66.0	
91.0	5.0	FX011385	MVVW	ARG	AS TO 66.0	
95.7	4.7	FX011386	MVVW	ARG	AS TO 66.0	
100.0	4.3	FX011387	MVVW	QTE	DIRTY CHLORITIC QTE WITH THIN ARGILLACEOUS BANDS	
101.5	1.5			QTE	AS TO 100.0 100.3 TO 101.1 PURE QTE CONTACT WITH FOLLOWING SECTION GRADATIONAL OVER 1 INCH AT 30 DEGREES	
118.7	17.2			ARG	META WITH INTERBANDS OF DIRTY QTE 101.5 YO 106.2 DK GY FN TO MG BIOT CHL AMPB SCH WITH MINOR CONFORMABLE QTZ LENSES TS-C-72-2407 @ 103 FT TS-C-72-2408 @ 106 FT 106.2 TO 107.2 LIGHT GRN TO LIGHT GY FAINTLY SCHISTOSE DIOPSIDE QTZ RK	40

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
					107.2 TO 111.7 DK GRN FN TO MG CHL A MPBTS .-72-2409 @ 111.0 FT META GWKE 111.7 TO 116.4 PRIMARILY LIGHT GY SC HISTOSE QTE WITH NUMEROUS INTERBANDS OF SCHS CONFORMABLE TO SCHISTOSITY 116.4 TO 118.7 DK GY TO LCC DK GRN B IOT CHL AMPB SCH CONTACT WITH FOLLOW ING SECTION CONFORMABLE TO SCHISTOSI TY AT 50 DEGREES	
123.1	4.4		CONG		TS-C-72-2410 @ 117.0 FT PEBBLE CK TO LIGHT GY THIN QTZ PEBBL ES STRUNG OUT PARALLEL TO SCHISTOSIT Y ONLY MINOR LOCAL SPOTS OF PY(MVVW) MAFIC CONTENT ABOUT 10% CONTACT WITH FOLLOWING SECTION OBSCURED BY BROKEN CORE NO RADIOACTIVITY	50
126.0	2.9		ARG		META CK GY TO BRWNISH FN TO MG SCHIS TOSE BIOT CHL AMPB SCH SCHISTOSITY V TS-C-72-2411 @ 124.5 FT FOOT OF HOLE	

ASSAYS OF THE FOLLOWING ELEMENTS WERE REQUESTED FOR THIS HOLE.....PM, U

FOR THIS HOLE, ASSAYS OF THE FOLLOWING ELEMENTS HAVE BEEN RECEIVED..TH, U , AU, CP, PD, PT

BOREHOLE SUMMARY
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FOOTAGE	MNZN	ROCK
0.0		
17.0	MVW	QTE
58.0	MVW	CONG
61.0	MVW	QTE
95.7	MVVW	ARG
100.0	MVVW	QTE
101.5		QTE
118.7		ARG
123.1		CONG
126.0		ARG

BOREHOLE RECORD
****

DATE PROCESSED APR 19,1973

CHK'D.....

BOREHOLE#	PROPERTY	NTS#	SH#	ANOM#	DEPTH	AZIMUTH	DIP	LATITUDE	DEPARTURE	ELEVATION	LEVEL
49874-0	SAKAMI PROJECT	33F 2W			261	180 00	-45 00	N 410	W 1300		

DATE.....

INCLINATION AND TROPARI TESTS

DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP

TOPS OF WEDGES

COMMENTS

LOGGED BY..SAUERBREI A J STARTED..AUG 03,1972 COMPLETED..AUG 09,1972 DRLD CANICO WINKIE J P FOURNIER ZONE 1 PERMIT AREA 548 IEX

SAMPLE ENTRIES

DEPTH	LENGTH	SAMPLE#	MNZN	RCCK	DESCRIPTION	ANG
0.0	0.0				COLLAR	
11.2	11.2			QTE	LT GY LCC DKER GY WITH SPCTS OF LT B RWN FG THIN WISPS OF MAFIC M IMPART WK SCHISTCSITY POSSIBLE VAGUE QTZ PE BBLES LOCALLY 0.0-1.2 IMPURE LT TO DK GY QTE SCHIS TOSITY WELL DEVELOPED 1.2-4.0 PURE MASS LT GY QTE 4.0-11.2 PREDOMINANTLY IMPURE LT TO DK GY QTE WITH MINOR LOCAL SECTIONS OF PURE QTE SCHISTOSITY FROM 50-80 CONTACT WITH FOLLOWING SECTION SHARP AT 90 DEGREES TS-C-MI-2396 @ 1.5 FT QTE	50
27.8	16.6			ARG	DK GRN TO BK LOC LT GRNISH GY FG SCH ISTOSE LOCAL PATCHES OF PY PO CP (Q) MVVW CHL ESSENTIAL COMPONENT OF RK 11.2-12.2 GARNETIFEROUS ARG 12.2-23.7 DK GRN ARG POSSSLY A MAFI C VOLC SCH OR TUFF 23.7-25.3 LT GRN TO GY ARG FSP CONTE NT 20-30% 25.3-26.8 GARNETIFEROUS ARG 26.8-27.8 ARG WITH INTERBANDS OF QTZ TS-C-72-2397 @ 23.2 FT ARG GWKE TS-C-72-2398 @ 22.5 FT META DIA TS-C-72-2399 @ 25.0 FT META DIA	75
35.7	7.9			SKN	DIOPSIDE LT APPLE GRN CG SECTIONS OF DIOPSIDE (50%) QTZ (30-40%) WITH MINOR CALC INTERMIXED WITH LOCAL SECTIONS OF FG CHISTOSE DK GRN ARG WHICH CONTAINS MINOR DIOPSIDE CG SECTIONS ARE MASS WITH A MOTTLED APPEARANCE DUE TO IRREGULAR PATCHES OF QTZ IN DIOPSIDE SOME QTZ ALSO OCCURS AS CONFORMABLE LNSS	65
37.7	2.0	FX011388	MVVW	CONG	PBBBLE DK GY TO LT GY FG HARD SLCS TS-C-2400-29.3 FT	60

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
					UP TO 5-10% MAFICS IMPART SCHISTOSIT	
					Y QTZ PEBBELS CCMMONLY CCCUR AS	
					SMALL CONFORMABLE STRETCHED PEBBLES	
					LOC LARGER QTZ PEBBLES UP TO 1 INCH	
					IN DIAMETER ARE SLLY DISCCNFORMABL	
					E SULPS (PY-PO-CO) MVVW OCCUR LOC AS	
					CONFORMABLE & CROSSCUTTING VEINLETS	
					CONTACT WITH FOLLOWING SECTION	
					SHARP & CONFORMABLE AT 60 DEGREES	
38.7	1.0	FX011389	MVVW	CCNG	AS TO 37.7	
43.2	4.5	FX011390	MVVW	CONG	AS TO 37.7	
					TS-C-72-2401 @ 39.0 FT QTE	
44.7	1.5	FX011391	MVVW	CONG	AS TO 37.7	
47.7	3.0	FX011392	MVVW	CONG	AS TO 37.7	
49.4	1.7	FX011393	MVVW	CONG	AS TO 37.7	
					TS-C-72-2402 @ 48.9 FT QTE	
52.5	3.1	FX011403	MVVW	CONG	AS TO 37.7	
57.3	4.8	FX011403	MVVW	QTE	LT GY FG WITH FAINT SCHISTOSITY IMPA	60
					RTED BY LESS THAN 2% MAFICS SOME	
					SRCT	
					TS-C-72-2403 @ 53.2 FT QTE SRCC	
57.4	0.1	FX011403	MVVW	CONG	INTERMIXED PEBBLE CONG & QTE LT TO	65
					DK GY FG SCHISTOSE PEBBLE CONG & LT	
					GY FG QTE QTZ PEBBLES IN PEBBLE CONG	
					ARE ELONGATED PARALLEL TO SCHISTOSIT	
					Y & LOCAL PY VEINLETS ARE PARALLEL	
					TO SCHISTOSITY QTE IS LCLY WKLY SCHT	
					STOSE	
61.0	3.6	FX011394	MVVW	CONG	AS TO 57.4	
61.4	0.4	FX011395	MVVW	CONG	PEBBLE CONG (57.3-61.4) WITH BAGUELY	
					TO WELL DIFINED PEBBLES CDD SPK PY	
64.7	3.3	FX011395	MVVW	CCNG	AS TO 57.4	
66.2	1.5	FX011396	MVVW	QTE	WITH LOC SECTIONS OF VAUGE QTZ PEBBL	
					ES VERY MINOR PY	
66.4	0.2	FX011397	MVVW	QTE	AS TO 66.2	
67.2	0.8	FX011397	MVW	CONG	STRTCHED QTZ PEBBLE WITH 1-2% PY	
					PARALLEL TO SCHISTOSITY QTZ PEBBLES	
					AVERAGE ONE QUARTER TO ONE HALF	
					INCH IN LENGTH	
					TS-C-72-2394 @ 66.7 FT	
68.0	0.8	FX011398	MVVW	CONG	AS TO 67.2	
					TS-C-72-2395 @ 67.6 FT	
68.8	0.8	FX011399	MVVW	CONG	AS TO 67.2	
69.2	0.4	FX011399	MVVW	QTE	MAINLY WITH A FEW INTERBANDS OF VAGU	
					E TO WELL DEVELOPED QTZ PEBBLE CONG	
					WHICH COINCIDE WITH ZONES ON WK RADI	
					OACTIVITY & MINOR PY	
72.0	2.8	FX01140C	MVVW	QTE	AS TO 69.2	
75.0	3.0	FX011401	MVVW	QTE	AS TO 69.2	
76.1	1.1	FX011402	MVVW	QTE	AS TO 69.2	
99.1	23.0			QTE	LT TO DK GY LOC BK FG LOC MG SCHISTO	70
					SE LOC MASS LOCAL CONFORMABLE VEIN-L	
					ETS & SPOTS OF PY (MVVW) MAFIC	
					CONTE NT LOW (5-10%)	
					76.1-82.4 IMPURE QTE	

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
					TS-C-72-2404 @ 76.8 FT SRCC QTE 82.4-84.5 IMPURE QTE DISTINCTIVE IRR EGULAR CRACKLED APPEARANCE WHICH MAY REPRESENT DEFORMED QTZ PEBBLES 84.5-92.1 IMPURE QTE LT TO DK GY UP TO 10% MAFICS LOC LOCAL SECTIONS OF STRETCHED QTZ PEBBLE CONG MINOR CONF ORMABLE VEINLETS OF PY TS-C-72-2405 @ 88.5 FT	
					92.1-93.3 PURE QTE DENSE MASS FG LT GY 93.3-94.5 IMPURE QTE SCHISTOSE 94.5-99.1 IMPURE QTE MINOR LOCAL SEC TIONS OF PURE QTE CONTACT WITH FOLLO WING SECTION SHARP & CONFORMABLE AT 70 DEGREES	
103.8	4.7			SCH	MAFIC(ARG) DK GRN LOC BK FG TO MG MA FIC CONTENT 60-70% MAINLY CHL & AMPB RK COULD BE A MAFIC VOLC TS-C-72-2406 @ 100 FT META DIA (Q)	70
111.6	7.8			QTE	IMPURE LT TO DK GY LOC BK FG TO MG WKLY SCHISTOSE TO LOC MASS 103.8-106.3 IMPURE QTE 106.3-107.4 STRETCHED QTZ PEBBLE CON G WITH MINOR CONFORMABLE VEINLETS & SPOTS OF PY PO CP(Q) MVW 107.4-110.4 IMPURE QTE MINOR SCATTER ED PY (MVVW) 110.4-111.6 SCHISTOSE META ARG WITH SCATTERED GARS & PY (MVVW) CONTACT WITH FOLLOWING SECTION CONFORMABLE & GRADATIONAL OVER ABOUT 1 INCH	65
125.0	13.4			QTE	SPOTTED UNIFORM WHITE TO LT GY COLOR MINOR DK GY FG TO MG DISTINCT FOTN IMPARTED BY 1-2% MAFICS & SRCT UNIFO RMLY M WITH SPOTS OF PY(MVVW) RK COU LD HAVE CONSIDERABLE FSP IN ADDITION TO QTZ & WAS POSSIBLE AN ARK ORIGIN ALLY CONTACT WITH FOLLOWING SECTION SHARP & CONFORMABLE AT 55 DEGREES 111.6-114.5 SPOTTED QTE SLLY DKER GY DUE TO SLLY HIGHER MAFIC CONTENT 114.5-125.0 UNIFORM SPOTTED QTE	65
129.1	4.1			SCH	MAFIC ARG DK GRN LOC BK GRN LT GY DK BRWN FG TO MG 50-70% MAFICS (BIOT-CH L-AMPB) MINOR LOCAL FSP RICH SECTION S MINOR CONFORMABLE QTZ LNSS SOME LO CAL SCATTERED PY(MVVW) CONTACT WITH FOLLOWING SECTION SHARP & CONFORMABL E AT 50 DEGREES	45
159.4	30.3			QTE	SPOTTED AS TO 125.0 LOCAL QTZ VEININ G CONTACT WITH FOLLOWING SEDTION SHA RP & CONFORMABLE AT 50 DEGREES	50
163.2	3.8			SCH	MAFIC ARG & IMPURE QTE DK GY TO BK F G TO MG WKLY SCHISTOSE MAFIC CONTENT	

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
					50-70% IMPURE QTE IN DK TO LT GY FG TO MG SCHISTOSE MAFIC CONTENT 20-30 % CONFORMABLE QTZ LNSS ONE SIXTEENTH TO ONE QUARTER INCH AVERAGE LENGTH WHICH COULD REPRESENT A PEBBLE CONG OCCURS THROUOUT VERY MINOR SCATTER ED PY	
					159.4-160.2 MAFIC SCH	
					162.2-162.8 IMPURE QTE(PEBBLE CONG)	
					162.8-163.2 MAFIC SCH CONTACT WITH F OLLOWING SECTION SHARP & CONFORMABLE AT 60 DEGREES	
168.0	4.8			QTE	DK TO LT GY FG WKLY SCHISTOSE TO MAS S PURE TO IMPURE QTE LOC UP TO 5-10% MAFICS MINOR SCATTERED PY (MVVW)	50
169.2	1.2			QTE	IMPURE POSSIBLE STRETCHED QTZ PEBBEL CONG MINOR PATCHES PO PY (MVVW)	
174.2	5.0			QTE	RELATIVELY PURE TO LOC IMPURE FG MAS S TO SCHISTOSE LOCAL PEGMATITE VEINS MINOR LOCAL SCATTERED PY(MVVW) LOCAL SRCT	60
174.5	0.3			QTE	AS TO 174.2	
198.5	24.0			QTE	AS TO 174.2	
201.0	2.5			LC	LOST GROUND CORE	
225.0	24.0			QTE	FG RELATIVELY PURE & SRCT TO LOC IMP URE MAFICS 0-5% MINOR SCATTERED CONF ORMABLE PY VEINLETS (MVVW) TWO REDDI SH SECTIONS CAUSED BY MINOR HEM OCCU RS AT 214.0-214.7 & 218.8-219.5	60
228.3	3.3			QTE	IMPURE SCHISTOSE FG UP TO 25% MAFICS LOC POSSIBLE A FEW STRETCHED QTZ PE BBLES VERY MINOR WK SCATTERED Y	
230.4	2.1			QTE	SOME SRCT	
232.0	1.6			QTE	IMPURE ARGILLACEOUS POSSIBLE SOME QT Z PEBBLES	
239.3	7.3			QTE	RELATIVELY PURE LT GY SCHISTOSE SRCT	60
240.0	0.7	FX011404	MVVW	QTE	AS TO 239.3	
245.2	5.2			QTE	AS TO 239.3	
246.7	1.5			QTE	IMPURE DK TO LT GY SCHISTOSE MAFICS 5-10%	60
248.7	2.0	FX0114C5	MVVW	QTE	AS TO 246.7	
249.5	0.8			QTE	AS TO 246.7	
251.7	2.2			QTE	RELATIVELY PURE SRCT	60
261.0	9.3			QTE	IMPURE DK TO LT GY FG TO MG LOC SRCT FOOT OF HOLE	60

ASSAYS OF THE FOLLOWING ELEMENTS WERE REQUESTED FOR THIS HOLE.....CU, NI, ZN, PM, U

FOR THIS HOLE, ASSAYS OF THE FOLLOWING ELEMENTS HAVE BEEN RECEIVED..TH, U , AU, OP, PD, PT

BOREHOLE SUMMARY
****

FOOTAGE	MAZN	ROCK
0.0		
11.2		QTE
27.8		ARG
35.7		SKN
52.5	MVVW	CONG
57.3	MVVW	QTE
64.7	MVVW	CONG
66.4	MVVW	QTE
67.2	MVW	CONG
68.8	MVVW	CONG
76.1	MVVW	QTE
99.1		QTE
103.8		SCH
125.0		QTE
129.1		SCH
159.4		QTE
163.2		SCH
198.5		QTE
201.0		LC
239.3		QTE
240.0	MVVW	QTE
246.7		QTE
248.7	MVVW	QTE
261.0		QTE

BOREHOLE RECORD

DATE PROCESSED APR 19,1973

CHK'D.....

BOREHOLE#	PROPERTY	NTS#	SH#	ANOM#	DEPTH	AZIMUTH	DIP	LATITUDE	DEPARTURE	ELEVATION	LEVEL
49875-0	SAKAMI PROJECT	33F 2W			1307	180 00	-45 00	N 600	W 1100		DATE.....

INCLINATION AND TROPARI TESTS

DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP
100		-45 00	200		-42 00	300		-32 30	400		-26 30	500		-21 30
600		-21 30	700		-20 30	800		-16 30	900		-29 00	1000		-19 00
1100		-18 30	1200		-18 00									

TOPS OF WEDGES

LOGGED BY..FISCHER P E STARTED..AUG 03,1972 COMPLETED..AUG 22,1972

COMMENTS

DRLD INSPIRATION AQ CORE CASING & SHOE LEFT IN HOLE
PERMIT AREA #548 ZONE 1

SAMPLE ENTRIES

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
0.0	0.0				COLLAR	
1.0	1.0				OVERBURDEN	
4.0	3.0				AXT CASING	
33.6	29.6			ARK	META FG WHITE TO LT GY MG FG QTZ FSP ROCK WITH SCATTERED 1-2MM FSP GS & SCATTERED 1-4MM GARS TS-C-72-2529 @ 26.5 FT	
39.5	5.9			GWKE	OR XTL TUFF LT TO MED GY SLCS FSP QT Z-BIOT MATRIX ENCLOSING FSP CLASTS 4-5MM IN SIZE AS SINGLE GS & AS FSP QTZ RICH BNDS CM SCALE BANDING TS-C-72-2530 @ 38.0 FT ARKOSE	
63.3	23.8			GWKE	META & META ARG FG MED BRWNISH TO GR NISH GR CM TO 10 CM SCALE BANDED SCH ISTOSE MTSD FSP BIOT BANDS ALTERING WITH AMPB-FSP BANDS & SRCT(FUCHSITE) FSP BANDS SCATTERED LARGE GARS 48.0 -52.0 CG AMPB FSP SCH TS-C-72-2531 @ 57.4 FT	
67.7	4.4	FX011438	MVVW	GWKE	AS TO 63.3	
68.3	0.6	FX011438	MVVW	ARG	META FUCHSITE RICH BRIGHT TURQUOISE GRN MG FUCHSITE SCH MINOR 1-10MM BAN DS RICH IN BIOT OR FSP	
68.5	0.2	FX011439	M	ARG	AS ABOVE	
70.4	1.9	FX011439	M	IF	BANDED SULP 40% PO&PY WITH BANDS OF CARB SRCT FSP TWO 25 CM SECTIONS OF MASSIVE PO & PY TS-C-72-2532 @ 70.0 FT	
70.5	0.1	FX011439	MVVW	VOLC	MAFIC META FK GRN GY MG BANDED AMPH FSP SCH WITH CM THICK FSP QTZ RICH BANDS GRADES SHARPLY FROM PRECEDING IF 78.6-79.1 MT IF GRADING FROM MAFI C META VOLC	
75.0	4.5	FX011440	MW	VOLC	AS TO 70.5 TS-C-72-2533 @ 72.3 FT METAVOLC OR METADIA	

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
79.1	4.1	FXC11441	MW	VOLC	AS TO 70.5	
79.6	0.5	FXC11442	MASS	IF	SULPHIDE MASS PO&PY SAHRP DISCORDANT CONTACT TC MT IF AT 79.1 GRADATIONAL	
					CONTACT WITH MT IF AT 79.6	
80.0	0.4	FX011442	MASS	IF	OXIDE SULP QTE(MINOR FSP) WITH MM&CM SCALE BANDS OF MT & MINOR PO MINOR BANDS WITH CHL & GAR	
85.0	5.0	FX011443	MW	IF	AS TO 80.0 TS-C-2534 @ 85.0 FT IF.	
88.8	3.8	FX011444	MW	IF	AS TO 80.0	
88.9	0.1	FX011445	MASS	IF	AS TO 80.0	
90.4	1.5	FX011445	MASS	IF	WITH MINOR SILICATE PY OCCURS AS 3CM BAND OF COARSE GRAINED PORPHYROBLAST S MASS PO PY TS-C-72-2535 @ 89.6 FT IF.	
92.0	1.6	FX011446	MW	IF	BANDED MM & CM BANDS OF MT & MINOR P O IN A FSP AMPB CHL GAR MATRIX	
92.1	0.1	FX011447	MW	IF	AS TO 92.0	
97.0	4.9	FX011447	MVVW	GWKE	MG TO CG 1TO5CM FSP & QTZ PEBBELS IN A FG QTZ FSP BIOT MATRIX SCATTERED LARGE GARS ACCESSORY PY SEVERAL 30MM	
					FG LITHIC FGMS GRADES FROM PREVIOUS IF TS-C-2536 @ 94.0 FT	
98.0	1.0			GWKE	AS TO 97.0	
101.6	3.6			ARG	META FG MM SCALE BANDED AMPB BIOT FS P SCH ACCESSORY PY SHARP CONFORMABLE	
					CONTACT TO GWKE AT 98.0 SHARP CONTAC T(QTZ VEIN) WITH FOLLOWING SECTION	
127.6	26.0			QTE	ARKOSIC LT GY MG UNIFORM QTZ MINOR F SP SRCC RK SHARP CONTACTS TO PRECEDI NG & FOLLOWING SECTION TS-C-72-2537 @ 119.0 FT	
132.0	4.4			BCDK	MAFIC MASS FG DK GRN GY VERY SHARP CONTACTS ON BOTH SIDES TO SEDIMENTS ENCLOSES 3CM SIZE FGMS OF QTE	
					TS-C-72-2538 @ 129.6 FT META DIA	
134.8	2.8	FX011448	MVVW	GWKE	AS TO 98.0 1-5MM SIZE QTZ FSP PEBBLE S IN A FG QTZ FSP BIOT MATRIX SCATTE RED LARGE GARS	
134.9	0.1	FX011448	MVVW	IF	BANDED OXIDE & SULP MT PO PY AS MM & CM BANDS IN FSP CHL BIOT MATRIX MINO R GARS	
139.8	4.9	FX011449	MW	IF	AS TO 134.9 TS-C-2539 @ 138.5 FT	
143.0	3.2	FX011450	MVVW	BCDK	MAFIC OR MAFIC META VOLC DK GRN GY U NIFORM MG AMPB PLAG SCH MINOR GARS CONCENTRATED NEAR THE CONTACTS SHARP CONTACTS TO IF ON BOTH SIDES 142.0-1 42.8 10-20MM PY PO VEIN PARALLEL TO DRILL CORE	
151.0	8.0	FX011451	MVVW	BCDK	AS TO 143.0	
159.2	8.2	FX011452	MVVW	BCDK	AS TO 143.0	
159.6	0.4	FX011452	MW	IF	BANDED OXIDE & SULP CM SCALE MT BAND S IN QTE & FSPTHIC & MAFIC BANDS(BIO	

DEPTH	LEN	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
					T-AMPB-GAR) WITH MINOR PO PY 5 CM TH ICK MASS PO PY BANDS AT 174.7 & 176. 2 GRADED BEDDING OF MAFICS(BIOT) IN PLACES MIGHT SUGGEST TOPS DOWN HOLE TRACE OF ARSCENOPYRITE AT 183.0 TO 184.0	
163.1	3.5	FX011453	MW	IF	AS TO 159.6	
168.1	5.0	FX011454	MW	IF	AS TO 159.6 TS-C-72-2540 @ 167.0 FT	
172.0	3.9	FX011455	MW	IF	AS TO 159.6 TS-C-2541 @ 169.5 FT META ARG	
176.4	4.4	FX011456	MW	IF	AS TO 159.6 TS-C-72-2542 @ 174.8 FT IF.	
178.2	1.8	FX011457	MW	IF	AS TO 159.6	
183.2	5.0	FX011458	MW	IF	AS TO 159.6	
183.5	0.3	FX011459	MW	IF	AS TO 159.6 TS-C-72-2543 @ 187.6 FT	
188.5	5.0	FX011460	MW	IF	AS TO 159.6	
192.8	4.3	FX011461	MW	IF	AS TO 159.6	
193.0	0.2	FX011462	MW	IF	AS TO 159.6	
200.0	7.0	FX011462	MVVW	QTE	IMPURE VARYING AMOUNTS OF SRCT CHL GAR MINOR PY	
201.5	1.5	FX011463	MVVW	QTE	AS TO 200.0	
203.3	1.8	FX011463	MVVW	BCDK	MAFIC DK GRN GY FG MASS AMPB FSP ROC S SHARP CONTACTS TO QTE ON BOTH SIDE S	
208.3	5.0	FX011463	MVVW	QTE	IMPURE AS TO 201.5 WITH THIN BANDS ENRICHED IN SRCT GAR BIOT SULP(PO PY)	
213.8	5.5	FXC11464	MVW	QTE	AS TO 208.3 GRADES INTO FOLLOWING SE CTION	
215.9	2.1	FX011465	MVVW	GWKE	ARGILLACEOUS MED BRN GY SCHISTOSE BA NDED FSP BIOT AMPB GAR SCH MINOR DIO PSIDE(Q) & SULP MINERAL PROPORTIONS VARY BETWEEN BANDS GARS UP TO 10 MM IN SIZE	
220.9	5.0	FX011466	MVVW	GWKE	AS TO 215.9	
230.6	9.7			GWKE	AS TO 215.9 TS-C-72-2544 @ 225.8 FT	
234.0	3.4			GWKE	CONGLOMERATIC WITH QTZ PEBBLES	
246.5	12.5			SCH	DK GRN GY FSP AMPH (VOLC) (Q) TS-C-72-2545 @ 238.0 FT	
251.2	4.7			GWKE	BANDED WITH CM THICK QTE & ARGILLACE OUS HORIZONS GRADES INTO QTE AT 251.2	
254.0	2.8	FX011406	MVVW	QTE	WITH MINOR SRCT & CHL IMPURTIES AS N BANDS & ACCESSORY PO PY MINOR 10 C M SCALE CONGIC SECTIONS WITH DISS PY & LOW RADIOACTIVE READINGS	
265.0	11.0			QTE	AS TO 254.0 TS-C-72-2546 @ 262.8 FT (PEBBLY)	
267.8	2.8	FX011407	MVVW	QTE	AS TO 254.0	
269.0	1.2	FX011408	MVVW	QTE	AS TO 254.0	
273.9	4.9	FX011409	MVVW	QTE	AS TO 254.0	
275.4	1.5	FX011409	MVW	CONG	QTZ PEBBLE MED GY CG STRETCHED QTZ	

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
					PEBBLES 5-3077 THICK IN A QTZ SRCT CHL MATRIX THAT CONTAINS ALSO ABOUT 3% PY&PO AS DISS&FN STRS SCINTILLOME TER READINGS MAINLY IN PY BEARING PO RTICNS OF THE CONG PY FREE PORTIONS OF THE CONG SHOW NO SCINTILLOMETER READINGS(280.0-285.0 & 293.0-297.0)	
276.6	1.2	FX011410	MVW	CONG	AS TO 275.4	
277.6	1.0	FX011411	MVW	CONG	AS TO 275.4	
278.8	1.2	FX011412	MVW	CONG	AS TO 275.4	
279.9	1.1	FX011413	MVW	CONG	AS TO 275.4	
288.4	8.5	FX011414	MVW	CONG	AS TO 275.4	
					TS-C-2547 @ 286.0 FT	
290.0	1.6	FX011415	MVW	CONG	AS TO 275.4	
295.0	5.0	FX011416	MVW	CONG	AS TO 275.4	
299.5	4.5	FX011417	MVW	CONG	AS TO 275.4	
301.7	2.2	FX011418	MVW	CONG	AS TO 275.4	
303.5	1.8	FX011419	MVW	CONG	AS TO 275.4	
304.2	0.7	FX011420	MVW	CONG	AS TO 275.4	
307.4	3.2	FX011421	MVW	CONG	AS TO 275.4	
313.4	6.0	FX011422	MVW	CONG	AS TO 275.4	
318.1	4.7			CONG	AS TO 275.4	
339.4	21.3			QTE	IN PART CONGATIC & RADIOACTIVE LT TO MED GYMG WITH VARYING AMOUNTS OF SRCT & CHL ACCESSORY PY-PO BORDER BETWEEN PREVIOUS UNIT SOMEWHAT ARBIT & MAINLY DETERMINED BY LESS ABUNDANT CONGATIC HORIZONS	
342.0	2.6	FX011423	MVVW	QTE	AS TO 339.4	
348.1	6.1	FX011424	MVVW	QTE	AS TO 339.4	
					TS-C-72-2548 @ 346.6 FT	
352.2	4.1	FX011425	MVVW	QTE	AS TO 339.4	
355.4	3.2	FX011426	MVVW	QTE	AS TO 339.4	
355.9	0.5	FX011427	MVVW	QTE	AS TO 339.4	
365.4	9.5	FX011428	MVVW	QTE	AS TO 339.4	
366.5	1.1	FX011429	MVVW	QTE	AS TO 339.4	
369.4	2.9	FX011430	MVVW	QTE	AS TO 339.4	
370.0	0.6	FX011431	MVVW	QTE	AS TO 339.4	
378.0	8.0	FX011432	MVVW	QTE	AS TO 339.4	
386.0	8.0	FX011433	MVVW	QTE	AS TO 339.4	
387.8	1.8	FX011434	MVVW	QTE	AS TO 339.4	
390.5	2.7			QTE	AS TO 339.4	
					TS-C-72-2549 @ 388.0 FT	
391.9	1.4			ARG	META MED BRWN GYBANDED SCHISTOSE FG BIOT FSP AMPB SCH SHARP GRADATIONAL CONTACT TO FOLLOWING SECTION	
397.3	5.4			QTE	IMPURE WHITE TO LT GY FSP QTZ SED WI TH MINOR SRCT & ACCESSORYPY	
					TS-C-72-2550 @ 395.0 FT ARKOSE	
401.3	4.0			BCDK	MAFIC MED TO DK GRN GY MED GRAINED A MPB BIOT FSP SCH WITH VERY SHARP CON TACTS TO QTE	
412.8	11.5			QTE	AS TO 397.3 SHARP CONFORMABLE CONTAC TS TO FOLLOWING SECTION	
430.4	17.6			ARG	META FG BANDED AMPB BIOT FSP SCH SCA	

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
					TTEREC LARGE GARS QTZ VEINS WITH ACC ESSORY PO&PY FROM 418.1 TC 419.1	
430.8	0.4			BCDK	CG DICPSIDE AMPB QTZ RK	
446.7	15.9			QTE	MG WHITE TO LT GY WITH VARYING AMOUNTS OF SCRT(UP TO 20%) MINOR CON GATIC PORTIONS WITH ACCESSORY PY	
448.0	1.3	FX011435	MVVW	QTE	AS TO 446.7	
458.8	10.8	FX011436	MVVW	QTE	AS TC 446.7	
461.1	2.3	FX011437	MVVW	QTE	AS TO 446.7	
473.5	12.4			QTE	AS TO 446.7	
483.6	10.1			ARG	META MG TO FG CHL SCRT FSP SCH CONTA CT TO PRECEDING SECTION BIOT RICH WI TH 10-20MM HEXAGONAL BK XTLS CONTACT TO FOLLCWING SECTION MARKED BY OCHER COLORED XTLS STAUROLITE(Q) OR GARNET	
524.5	40.9			QTE	IMPURE WITHMINOR GWKE & CONGATIC HO RIZONS MG UNIFORM LT GRN GY COLOR CA USED BY ABOUT 5-10% SCRT MATRIX 485.7-486.1 GWKE 495.8-497.3 CONGATIC QTE	
534.5	10.0			QTE	CONGATIC 10-40MM SIZE QTZ PEBBLES IN A MG QTZ SCRT CHL MATRIX CNLY TRACE OF PY NOT RADIOACTIVE	
536.9	2.4			DIA	DYKE DR GRN GY MG SLLY FOTD AMPB PLA G SCH WITH MINOR BIOT SHARP CONTACTS CN BCTH SIDES TO SEDIMENTS	
540.0	3.1			QTE	IMPURE LT GY UNIFORM QTZ FSP RK WITH MINOR SRCT QTZ AS EYES & STREAKS NO CONTACT EXPOSED AT 540.0 POSSIBLE SOME CORE MISSING	
572.7	32.7			DIA	DYKE DK GRN GY UNIFORM MG TO CG AMPB PLAG MINOR BIOT RK BLOTCHY HABITUS OF AMPH INDICATES RELICT INTR TEXTUR E TRACE OF PY	
578.7	6.0			GWKE	ARGILLACECUS MED BRWN GY FG BANDED BIOT AMPB FSP GAR SCH MINOR QTZ TRACE PO 473.2-473.6 CONGATIC GWKE SHARP CCNFORMABLE CONTACT TO FOLLOWING SECTION	
603.4	24.7			QTE	DIRTY IN PART CONGATIC & ARGILLACEOU S NO RADIOACTIVE READINGS MED TY TO GRN GY VARYING AMOUNTS OF CHL & SRCT SCHISTOSITY& BEBBLES ORIENTATED 70 -80 DEGREES TO CORE SEE DIVS BELOW 578.7-583.2 DIRTY QTE MG MINOR CHL & SCRT 583.2-587.7 CONGATIC DIRTY QTE QTZ PEBBLES 2077 & LARGER TRACE OF PY-PO 587.7-591.2 DIRTY QTE SLLY BANDED SC HISTOSITY 70 DEGREES TO CORE GRADES FRGM CONGATIC QTE TS-C-72-2726 591.2-592.2 ARGILLACEOUS QTE QTE WIT H 30-40% CHLIC BANDS 592.2-592.8 ARG MG CHL AMPB QTZ SCH	

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
					GRADES CN BOTH SIDES INTO QTE	
					592.8-603.4 DIRTY QTE UNIFORM SLLY	
					BANDED BY VARYING CHL CONTENT SINGLE	
					SCATTERED ELONGATED QTZ PEBBLES	
611.2	7.8			ARG	MEG BRWN GYMG SLLY BNADED BIOT CHL	60
					FSP SCH MINOR GAR SOME CM THICK FSP	
					RICH PROBABLE CLASTIC BANDS SHARP CO	
					NFORMABLE CONTACT TO FOLLOWING GWKE	
					TS-C-72-2727 @ 608.0 FT	
613.8	2.6			GWKE	MED GY UNIFORM QTZ & FSP GS IN MINOR	
					SCRT CHL MATRIX SOME LARGE PEBBLES U	
					P TO 10MM IN SIZE GRADATICNAL CONTAC	
					T OVER 2 INCHES TO FOLLOWING ARGILLA	
					CEOUS GWKE	
621.3	7.5			GWKE	CONGATIC MED GY MG BANDED FSP CHL BI	
					OT QTZ MATRIX WITH ABOUT 20% STRETCH	
					ED QTZ PEBBLES & A FEW 4 CM THICK QT	
					E BANCS SEVERAL 3-10CM INTERSECTIONS	
					OF CG DIOPSIDE SKN MVW WITH SHARP	
					CPNTACTS TO GWKE	
					616.6-616.9 DIOPSIDE GAR SKN 2% PO	
					617.4 617.7 DIOPSIDE GAR FSP SKN WIT	
					H 5% SPH 2% CP 2% PO & PY 1% GAL	
					TS-C-72-2728 @ 617.6 FT	
					618.9 619.0 DIOSIDE FSP QTZ SKN WIT	
					H 5%-PO 1%-CP	
					620.5-621.3 DIOPSIDE AMPB FSP SKARN	
					INTERBANDED WITH CONGATIC QTEIC GWKE	
628.0	6.7			ARG	META MG MED GY GRNISH GY CHL FSP SCH	60
					UNIFORM GRADES SHARPLY INTO	
					FOLLOWING	
					TS-C-72-2729 @ 626.7 FT	
					(META ULTRABASIC Q)	
647.4	19.4			GWKE	ARGILLACEOUS GWKE WITH MINOR CONGATI	60
					C & ARGILLITIC INTERSECTIONS	
					628.0-629.1 META GWKE CM SCALE BANDI	
					NG MG MED BRWN GRN GY FSP BIOT CHL	
					SCH RARE STRS QTZ LENSES	
					629.1-631.7 META ARG MG MED GY GRN	
					BNDD CHL FSP DIOPSIDE SCH TRACE PY	
					631.7-633.7 BNDD ARGIC GWKE MED BRWN	
					GY MG BIOT FSP QTZ SCH	
					TS-C-72-2730 @ 632.8 FT	
					633.7-635.9 CONGATIC GWKE 30MM SIZE	
					QTZ PEBBLES IN DIRTY BIOT CHL FSP MA	
					TRIX	
					635.9-639.5 BNDD BRWN ARG META GWKE	
					BIOT FSP CHL SCH	
					639.5-642.2 DIRTY CONGATIC QTE MED G	
					RN BRWN GY BIOT CHL FSP MTX WITH 40%	
					STRETCHED QTZ PEBBLES GRADES INTO F	
					OLLOWING GWKE	
					642.2-644.8 BNDD MED GY GWKE SHARP	
					CONFORMABLE CONTACT WITH FOLLOWING	
					ARGILLITE	

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
					644.8-646.5 META ARG MG BNDD SCHISTO SE MED BRWN GY BIOT AMPB FSP SCH SHA RP CONTACT TO FOLLOWING GWKE	
					646.5-647.4 MED GY SLLY BNDD GWKE (Q TE Q)	
650.5	3.1			DIA	DIKE MG DK GRN GY SLLY FOTD AMPB-BIO T FSP SCH IN PLACES BLOTCHY TEXTURE UNIFORM 2% DISS PO SHARP CONTACTS ON BOTH SIDES	
					TS-C-2731 @ 648.3 FT (META GWAKE)	
653.2	2.7			GWKE	META MED BRWN GYMG SLLY BNDD FSP QTZ BIOT SCH SHARP CONTACT AT 653.2	75
663.0	9.8			DIA	DIKE DK GRN GY MG SLLY FOTD AMPB FSP BIOT SCH FOTD BNDD DIOPSIDE AMPB QTZ RR FROM 662.4-663.0	
680.5	17.5			QTE	DIRTY INTERMIXED WITH GWKE & PEBBLY GWKE	65
					663.0-663.7 DIRTY QTE MED GY CONGATI C	
					663.7-664.7 AMPB DIOPSIDE SCH MG TO CG SLLY BNDD PROBABLY MAFIC DYKE	
					664.7-668.1 DIRTY QTE MINOR SRCT CHL	
					668.1-668.7 META ARG MED GRN GY FG BNDD CHL FSP QTZ SCH GRADES SHARPLY INTO QTE ON BOTH SIDES	
					668.7-670.9 QTE MINOR CHL SOME 10-20 MM QTZ PEBBLES	
					670.9-672.5 ARGILLACEOUS GWKE MED BR WN GY FG BIOT FSP QTZ SCH WITH MINOR FSP RICH LENSES	
					672.5-675.6 PEBBLY GWKE 2-5MM QTZ & FSP PEBBLES ROUND TO SLLY STRETCHED IN A FG MED GY FSP BIOT QTZ MATRIX C	
					OULD ALSO BE A XTL TUFF GRADES INTO QTE	
					TS-C-72-2732 @ 674.0 FT	
					675.6-680.5 DIRTY QTE MED GY PARTLY CONGATIC 675.6-676.4 QTZ DIOPSIDE VEIN (Q)	
702.4	21.9			DIA	DIKE DK GRN GRN GY MASS AMPB PLAG SC H SLLY FOTD SHARP CONTACTS BOTH SIDE S WITH SEDS TRACE PY	
711.9	9.5			GWKE	PEBBLY AS TO 675.6 WITH TWO DIA DYKE S FROM 708.4-409.7 & 711.0-711.9	
738.5	26.6			QTE	DIRTY WITH MINOR CONGATIC PORTIONS & MINOR MAFIC SKN INTERSECTIONS	60
					711.9-724.8 DIRTY QTE MED GY MD SLLY BNDD AT CM SCALE ~~3%~~ MINOR VARYING CHL BIOT IMPURITIES UNIFORM PK TRACE PY	
					724.8-725.2 CONG HORIZON PO PY BEARI NG RADIO ACTIVE STRETCHED QTZ PEBBLE S 30MM SIZE GRADING INTO QTE ON BOT H SIDES	
					725.2-727.0 DIRTY QTE AS ABOVE SLLY	

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
					BNDD 727.0-727.2 ARGILLACEOUS HORIZON MED GRN CHL FSP RK MVW 10% PO 5% PY 1-2 % CP	
					727.2-729.7 DIRTY QTE AS ABOVE 729.7-731.5 MAFIC SKARN MG MED GRN CHL AMPB DIOPSIDE QTZ RK TRACE OF CP & PY	
					731.5-737.2 DIRTY QTE AS ABOVE MED GRN GY SLLY BNDD BY MINOR VARYING CHL CONTENT TS-C-72-2733 @ 733.2 FT	
					META ARGILLACEOUS QTE 737.2-737.8 CONG 30MM QTZ PEBBLES WITH CHL BIOT MTX	
					737.8-738.5 ARG WITH SOME FSP QTZ PEBBLES IN MG BIOT MTX SOME 4CM MASS BIOT INTERSECTIONS GRADING SHARPLY INTO FOLLOWING SECTION	
742.9	4.4			ARK	SRCC QTE WHITE TO LT GRNISH GY FG MI CA & FSP RICH ARGILLACEOUS CLASTIC	
					MTSD 742.5-742.9 CONGATIC TS-C-72-2734 SERICITIC QTE @ 740.7 FT	
749.6	6.7			DIA	DYKE MVVW DK GRN GY MG AMPB FSP GAR RK WITH SCATTERED 1%-PO QTZ VEIN WITH 2% PY FROM 747.0-747.9 SHARP	
					CONTACT WITH FOLLOWING SECTION TS-C-72-2735 @ 746.5 FT (AMPHIBOLITE)	
762.2	12.6			QTE	IMPURE LT TO MED GY MG MINOR SCRT & FSP	
769.0	6.8			DIA	DYKE MED GRN GY MG AMPB FSP RK	
					BLOTCHY TEXTURE SHARP CONTACTS ON BOTH SIDES	
791.7	22.7			ARK	SRCC QTE WHITE TO LT GY FG TO MG UNI 75 FORM SCHISTOSE FSP QTZ SRCT MTSD BRE ARS EASILY PARALLEL TO SCHISTOSITY SHARP CONTACT WITH FOLLOWING SECTION	
796.7	5.0			DIA	DYKE MED GRN GY MG FSP AMPB RK UNIFORM SLLY FOTO SHARP CONTACTS ON BOTH SIDES TO SEDS	
798.9	2.2			ARK	SRCC QTE AS TO 791.7 SHARP CONTACT WITH FOLLOWING SECTION	
811.3	12.4			GWKE	PEBBLY MED GY MG TO CG 2 TO 5 MM SIZ E ROUNG TO ELONGATED QTZ & FSP PEBBL ES IN A FG QTZ FSP BIOT MTX SIZE OF PEBBLES DECREASE GRADUALLY TOWARDS B OTTOM OF SECTION COULD ALSO BE A CG XTL TUFF SHARP CONFORMABLE CONTACT WITH FOLLOWING SECTION	
823.5	12.2			ARK	SRCC QTE WHITE TO LT GY FG TO MG UNI FORM QTZ FSP MICA CLASTIC MTSD SHARP CONTACT WITH FOLLOWING SECTION TS-C-72-2736 @ 813.0 FT	

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
					SERICITIC QTE	
829.9	6.4			SCH	CHL ACT MED GY GRN MG TO CG UNIFORM METAMORPHOSED UM RK PROBABLY A SILL	
					TRACE OF PY SHARP CONTACT WITH FOLLOWING SECTION	
					TS-C-72-2737 @ 828.0 FT	
					(META ULTRAMAFIC) (META PYROX)	
833.5	3.6			GWKE	PEBBLY LT TO MED GY MG TO CG 2-5MM QTZ & FSP PEBBLES IN A FG FSP QTZ BIOT MTX	80
839.8	6.3			GWKE	ARGILLACEOUS MED BRWNISH GY FG TO MG FSP BIOT QTZ SCH SLLY BNDD VARYING GRAIN SEZE GRADES INTO FOLLOWING	
842.4	2.6			GWKE	PEBBLY AS TO 833.5	
855.9	13.5			GWKE	ARGILLACEOUS MED BRWNISH GY FG TO MG FSP BIOT QTZ SCH SLLY BNDD BY CM THICK FSP RICH & COARSER GRAINED BNADS	
857.8	1.9			BCDK	MAFIC DYKE MED GRN GY MG CHL AMPB SCH SHARP CONTACTS WITH SEDS ON BOTH SIDES	
859.9	2.1			GWKE	ARGILLACEOUS AS TO 855.0	
867.3	7.4			BCDK	MAFIC DYKE MED GRN GY MG TO CG AMPB CHL FSP SCH MINOR BIOT(866.0-867.3 FSP RICH VARIETY BLOTCHY TEXTURE SHARP CONTACT TO FOLLOWING SED)	
876.7	9.4			GWKE	LT TO MED BRWN GY FG TO MG VARYING IN G SIZE & CONTENT IN LARGER FSP & QTZ PEBBLES	70
					TS-C-72-2738 @ 873.0 FT QTE PORPH	
879.1	2.4			BCDK	MAFIC DYKE MED GRN GY MG FOTD FSP AMPB SCH SLLY BNDD ENCLOSES CM SCALE GWKE INCLUSIONS	
888.4	9.3			GWKE	PEBBLY AS TO 876.7 FIRST 2 FT FG FEW QTZ & FSP PEBBLES SHARP CONTACT WITH FOLLOWING	
891.4	3.0			GWKE	FG MED BRWN GY FSP BIOT SCH SCATTERED LARGE FSP GS SLLY BNDD SHARP CONTACT WITH FOLLOWING	
894.3	2.9			BCDK	MAFIC DYKE MED GRN GY AMPB CHL FSP RK BLOTCHY TEXTURE SHARP CONTACT WITH FOLLOWING	
898.5	4.2			GWKE	AS TO 891.4 VARYING IN G SIZE & CONTENT OF QTZ FSP PEBBLES LT TO MED BRWN GY FSP BIOT QTZ SCH SHARP CONTACT WITH FOLLOWING	75
946.3	47.8			GAB	META MED GRN GY MG CG AMPB BIOT PLAG ROCK VARIES SLLY IN BIOT CONTENT BLOTCHY TEXTURE WK SCHISTOSITY UNIFORM SEVERAL INCH LONG INTERSECTIONS OF QTE WITHIN GAB PROBABLY INCLUSIONS	70
					905.7&908.5&938.4&940.7 THICKNESS & UNIFORMITY OF THIS RK SUGGESTS MAJOR GAB BODY RATHER THAN DIA DYKE	
956.3	10.0			QTE	LT GY TO MED GY FG MASS TO SLLY FOTD	

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
					ACCESSORY SRCT & PY	
					TS-C-72-2739 @ 951.0 FT ACID VOLC	
979.0	22.7			GAB	META AS TO 946.3	
991.7	12.7			DIA	DYKE DY GRN GY FG MASS AMPB FSP	
					RK WITH FN CONSISTANT BLOTCHY TEXTUR	
					E SHARP CONTACT ON BOTH SIDES WITH	
					GAB BOTH CONTACTS FOLLOWED BY 10	
					INCH VERY FG TO APHANATIC CHILL	
					MARGIN 980.5-981.5&987.1-987.3 CG	
					GAB INTERSECTIONS PROBABLY INCLUSION	
1037.3	45.6			GAB	META AS TO 979.0	
1048.0	10.7			GWKE	ARGILLACECUS BRWN GY MG BNDD FSP BIO	
					T AMPB SCH CM SCALE BNDD RICHIN BIO	
					T OR GAR	
1063.4	15.4			DIA	DYKE MED GRN GY MG AMPB FSP SCH	
					SLLY FOTOMINOR GAR & BIOT 1061.2 TO	
					1063.4 DIA WITH IRREGULAR INTERSECTI	
					ONS OF QTE PROBABLY QTE INCLUSIONS	
					IN DIA OR IRREGULAR DIA VEINS IN QTE	
1068.4	5.0			ARG	MED BRWN GY MG BIOT AMPB FSP SCH SCH	
					ISTOSE 1066.5-1068.4 CG QTZ DIOPSIDE	
					-AMPB-CHL SKN IN SHARP CONTACT WITH	
					FOLLOWING	
1079.2	10.8			QTE	IMPURE LT GY MG QTZ SRCT META SED SC	70
					HISTOSE SHARP CONTACT WITH FOLLOWING	
1096.8	17.6			DIA	DYKE DK GRN GY MG AMPB FSP PK MASS	
					FG CHILL MARGINS AT BOTH CONTACTS	
1132.7	35.9			QTE	IMPURE LT GRNISH GY MG TO CG SCHISTO	
					SE VARYING IN G SIZE & SRCT CONTENT	
					MINOR CHL & HEM IMPURITIES	
1134.9	2.2			GWKE	LT TO MED BRWN GY FG FSP BIOT SED	
					1132.7-1133.6 MG TO CG RICH IN	
					STAURCLITE BIOT AMPB & CONTAINING	
					LARGE QTZ PATCHES POSSIBLE PEBBLES	
					GWKE GRADES INTO FOLLOWING	
1154.6	19.7			VOLC	MAFIC META DK GRN GY FG TO VERY FG B	80
					NDD AMPB FSP BIOT SCH CONTAINS MINOR	
					SECTIONS OF GWKE AS EVIDENCED BY CM	
					SCALE RHYTHMIC BANDING BY FSP RICH	
					LAYERS & GRADED BEDDING SHARP CONTAC	
					T WITH FOLLOWING	
					TS-C-72-2740 @ 1147.5 FT AMPH	
					(META AND)	
1169.4	14.8			DIA	DYKE DK GRN GY MG AMPB FSP RK MA	
					SS UNIFORM CHILLED MARGINS ON BOTH	
					SIDES SHARP CONTACT WITH FOLLOWING	
					1-2% PY PO CP BETWEEN 1162.0&1163.0	
1174.9	5.5			GWKE	MED GY MG FSP CHL BIOT RK SLLY BNDD	
					BY VARYING CHL CONTENT	
1179.7	4.8			DIA	DYKE AS TO 1169.4	
1182.9	3.2			GWKE	MED BRWN GY MG SLLY BNDD FSP BIOT	
					SCH WITH MINOR AMPB RARE 30MM QTZ	
					PEBBLES 2 INCHES DIOPSIDE EPIDOTE(Q)	
					QTZ SKN AT 1181.0	
1185.0	2.1			DIA	AS TO 1169.4	

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
1186.3	1.3			GWKE	ARGILLACEOUS MED BRWN GY MG FSP BIOT GAR AMPB SCH TRACE PO GRADES SHARPLY INTO FOLLOWING	
1196.8	10.5			QTE	IMPURE LT GRNISH GY MG QTZ SRCT MTSD SHARP CONTACT WITH FOLLOWING	
1200.9	4.1			GWKE	MED BRWN GY MG SLLY BNDD FSP BIOT MINOR GAR SCH UNIFORM	
1234.4	33.5			QTE	IMPURE LT GY TO LT GRNISH GY MG SCHISTOSE QTZ SRCT SED RARE INCH WIDE	
					GWKE INTIRSECTIONS SEVERAL CG QTZ VEINS WITH DIOPSIDE	
1237.8	3.4			GWKE	AS TO 1200.9	
1241.4	3.6			DIA	AS TO 1169.4	
1247.0	5.6			GWKE	ARGILLACEOUS MED BRWN GY FG TO MG SCHISTOSE FSP BIOT AMPB SED MINOR VARIATIONS IN AMPB CONTENT UNIFORM SHARP CONTACT WITH FOLLOWING	
					TS-C-72-2741 @ 1246.8 FT META GWEKE	
1250.5	3.5			QTE	IMPURE LT GY MG FG SCHISTOSE QTZ SRCT SED SHARP CONFORMABLE CONTACT WITH FOLLOWING	
1251.5	1.0			GWKE	AS TO 1247.0	
1256.7	5.2			QTE	IMPURE AS TO 1250.5	
1258.8	2.1			GWKE	AS TO 1247.0 BEDDING INDICATING CRES OOT OF A FOLD CORE PARALLELING DIP AT 1257.8 SUGGESTING FOLLOWING QTE IS THE SAME AS FROM 1251.5 TO 1256.7	
1262.9	4.1			QTE	IMPURE AS TO 1250.5	
					TS-C-72-2742 @ 1262.4 FT	
					(SERICITIC QTE)	
1283.2	20.3			GWKE	MED BRWN GY MG FSP BIOT MINOR AMPB SCH ACCESSORY GAR UNIFORM ONLY SLLY BNDD 1264.8-1265.7 QTE INTERSECTION	
					TS-C-72-2743 @ 1275.0 FT (METAGWEKE)	
1291.7	8.5			QTE	IMPURE SIMILAR TO 1250.5 WITH SEVERAL INTERSECTIONS OF GWKE 1285.0 TO 1285.7-1286.5 TO 1287.3-1288.0 TO 1288.4	
1307.0	15.3			GWKE	ARGILLACEOUS MED BRWN GY MG FSP BIOT AMPB SCH UNIFORM ONLY SLLY BNDD BY VARYING GRAIN SIZE & MAFIC CONTENT	
					FOOT OF HOLE	

ASSAYS OF THE FOLLOWING ELEMENTS WERE REQUESTED FOR THIS HOLE.....CU, NI, ZN, PM, U

FOR THIS HOLE, ASSAYS OF THE FOLLOWING ELEMENTS HAVE BEEN RECEIVED..TH, U , AU, CP, PD, PT, CO, CU, FE, NI, S , SG, ZN, MG

BOREHOLE SUMMARY
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FOOTAGE	MNZN	ROCK
4.0		
33.6		ARK
63.3		GWKE
67.7	MVVW	GWKE
68.3	MVVW	ARG
68.5	M	ARG
70.4	M	IF
70.5	MVVW	VOLC
79.1	MW	VOLC
80.0	MASS	IF
88.8	MW	IF
90.4	MASS	IF
92.1	MW	IF
97.0	MVVW	GWKE
98.0		GWKE
101.6		ARG
127.6		QTE
132.0		BCDK
134.8	MVVW	GWKE
134.9	MVVW	IF
139.8	MW	IF
159.2	MVVW	BCDK
193.0	MW	IF
201.5	MVVW	QTE
203.3	MVVW	BCDK
208.3	MVVW	QTE
213.8	MVW	QTE
220.9	MVVW	GWKE
234.0		GWKE
246.5		SCH
251.2		GWKE
254.0	MVVW	QTE
265.0		QTE
273.9	MVVW	QTE
313.4	MVW	CONG
318.1		CONG
339.4		QTE
387.8	MVVW	QTE
390.5		QTE
391.9		ARG
397.3		QTE
401.3		BCDK
412.8		QTE
430.4		ARG
430.8		BCDK
446.7		QTE
461.1	MVVW	QTE
473.5		QTE
483.6		ARG

534.5	QTE
536.9	DIA
540.0	QTE
572.7	DIA
578.7	GWKE
603.4	QTE
611.2	ARG
621.3	GWKE
628.0	ARG
647.4	GWKE
650.5	DIA
653.2	GWKE
663.0	DIA
680.5	QTE
702.4	DIA
711.9	GWKE
738.5	QTE
742.9	ARK
749.6	DIA
762.2	QTE
769.0	DIA
791.7	ARK
796.7	DIA
798.9	ARK
811.3	GWKE
823.5	ARK
829.9	SCH
855.9	GWKE
857.8	BCDK
859.9	GWKE
867.3	BCDK
876.7	GWKE
879.1	BCDK
891.4	GWKE
894.3	BCDK
898.5	GWKE
946.3	GAB
956.3	QTE
979.0	GAB
991.7	DIA
1037.3	GAB
1048.0	GWKE
1063.4	DIA
1068.4	ARG
1079.2	QTE
1096.8	DIA
1132.7	QTE
1134.9	GWKE
1154.6	VOLC
1169.4	DIA
1174.9	GWKE
1179.7	DIA
1182.9	GWKE
1185.0	DIA
1186.3	GWKE
1196.8	QTE

1200.9	GWKE
1234.4	QTE
1237.8	GWKE
1241.4	DIA
1247.0	GWKE
1250.5	QTE
1251.5	GWKE
1256.7	QTE
1258.8	GWKE
1262.9	QTE
1283.2	GWKE
1291.7	QTE
1307.0	GWKE

BOREHOLE RECORD
****

DATE PROCESSED APR 19,1973

CHK'D.....

BOREHOLE#	PROPERTY	NTS#	SH#	ANOM#	DEPTH	AZIMUTH	DIP	LATITUDE	DEPARTURE	ELEVATION	LEVEL
49876-0	SAKAMI PROJECT	33F 2W			236	180 00	-45 00	N 1	E 00		

DATE.....

INCLINATION AND TROPARI TESTS

DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP

TOPS OF WEDGES

COMMENTS

LOGGED BY..JAMIESON R A STARTED..AUG 10,1972 COMPLETED..AUG 17,1972 DRLD CANICO WINKIE J.P FOURNIER IEX ZONE 4 PERMIT AREA #547

SAMPLE ENTRIES

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
0.0	0.0				COLLAR START OF CORE	
7.0	7.0			QTE	WHITE TO LT GY TO MED GRN MAFICS IN BANDS IMPART SLIGHT SCHISTOSITY OCC ASSIONALLY SRCC MG OCCASSIONAL QTZ PEBBLE (STRETCHED) 0.0-1.5 IMPURE QTE DK GY TO GRN 1.5-2.9 QTE MASSIVE (PURE) 2.9 4.0 IMPURE QTE AS TO 1.5 4.0-4.5 QTE MASSIVE (PURE) 4.5-6.3 QTE MAINLY MASSIVE BUT LOC IMPURE 6.3-7.0 IMPURE GRADING INTO ARG GY TO MED GRN CONTACT SHARP 70 DEGREES	55
7.9	0.9			ARG	DK GRN TO BK MG TO MAINLY FG OCCASSI ONAL QTZ VEIN AMPB APPEARS TO BE ESS ENTIAL COMPONENT PY MVVW ONE INCH TS-C-72-2861 @ 7.6 FT	75
11.1	3.2			QTE	CONTACT ZONE WITH FOLLOWING QTE IMPURE WKLY GARNETIFEROUS LOC PURE MINOR MAFICS WHITE TO MED GY MG OCCASIONALLY CHL RICH 9.6TO10.1 OCCASSIONAL HEM SPECKS	
11.4	0.3			SCH	MAFIC SRCT & BIOT STEEL GY TO GRN PO & PY STRS MVVW	
12.3	0.9			QTE	PURE MASSIVE LOC IMPURE	
12.9	0.6			SCH	AS TO 11.4-OCCASSIONAL STRS PO MVVW TRACE PY	70
15.7	2.8			QTE	IMPURE MED BRWN TO WHITISH GY LOC PURE TS-C-72-2862 @ 15.0 FT	
20.3	4.6			QTE	IMPURE SLLY MORE MAFIC GY TO MED GRN	
21.3	1.0			QTE	PURE WHITE TO MED GY OCC SPECKS PY & ARSENOPYRITE	
22.7	1.4			QTE	IMPURE LOC PURE MED GY TO GY GRN OCC ASIONAL SPECK PY	
22.9	0.2			ARG	FG DK GRN GAR RICH GOOD SCHISTOSITY PY 1% BIOT FSP AMPB QTZ SCHIST	70
23.2	0.3			QTE	PURE MASSIVE MED GY	

DEPTH	LENGTH	SAMPLE#	MNZN	RCCK	DESCRIPTION	ANG
23.4	0.2			QTE	IMPURE AS TO 22.7 OCCASSIONAL MAFICS	70
					WKLY FOTO	
25.0	1.6			QTE	IMPURE AS TO 22.7 SCRT & CHL (Q)	65
					SCATTERED BANDS PURE QTE	
25.3	0.3			QTE	AS TO 25.0 WITH OCCASIONAL QTZ	
					PEBBLES	
					TS-C-72-2863 @ 25.0 FT	
28.6	3.3			QTE	IMPURE MED GY TO DK GRN CHL SRCT	
					MINOR MAFICS PY MVVW	
30.0	1.4			CAVE	LOCT CORE	
32.2	2.2			QTE	IMPURE OCCASIONAL PEBBLES PY MVVW	60
33.0	0.8			QTE	DIRTY MAFICS PO&PY 1-2% DK GY TO GRN	
					INTRUDED BY OCCASIONAL QTZ VEINS	
					MINOR CHL AS WELL	
36.1	3.1			QTE	IMPURE GY TO MED GRN LOC PURE PO &	
					PY MVVW	
37.1	1.0	FX009263	MVVW	QTE	AS TO 36.1	
37.4	0.3	FX009264	MVW	CONG	WKLY PO PY TRACE CP SULPS 1% AS TO	60
					36.1 SPECTROMETER READINGS 50 TO 60	
38.4	1.0	FX009265	MVVW	QTE	IMPURE LOC PURE WKLY SRCT	
39.7	1.3			QTE	AS TO 38.4	
45.4	5.7			QTE	PURE YELLOWISH WHITE TO GY QTZ VEINS	
					FROM 40.9-41.1 & 41.5-41.8 OCCASSIO	
					NAL SRCC WITH MINOR IMPURE ZONES	
50.5	5.1			QTE	GY TO MED GRN OCCASIONAL PY & PO	
					1% WKLY IMPURE BANDS THROUGHOUT	
					TS-C-72-2864 @ 50.0 FT	
51.5	1.0			QTE	AS TO 50.5 PO & PY 1%	
52.5	1.0	FX009266	MVVW	QTE	AS TO 50.5 GY TO MED GRN 52.4 TO	
					52.5 QTZ VEIN	
54.0	1.5	FX009267	MVW	CONG	QTZ PEBBLE GY TO MED GRN ELONGATED	65
					QTZ PEBBLES MINOR MAFICS IMPART SCHI	
					STOSITY SPECTROMETER READINGS FROM	
					50 TO 80 CPS PO & PY 1-2% MINOR	
					SRCT FROM 53.8 TO 54.0	
54.8	0.8	FX009268	MVVW	QTZ	VEIN MINOR PY & MAFICS SHARP CONTACT	
					WITH ABOVE CONG	
55.0	0.2	FX009268	MVW	BCDK	MAFIC DYKE-1 INCH GRADATIONAL CONTAC	
					T WITH QTZ VEIN PO & PY 1-2% TRACE	
					CP VERY WKLY MTC	
55.2	0.2			BCDK	AS TO 55.0	
62.6	7.4			GWKE	LOC ZONES QTE GARS FROM 55.7 TO 56.5	70
					PO & PY 1% DK GY TO GRN TO BK ONE	
					TO TWO INCH GRADATIONAL CONTACT WITH	
					ABOVE DIA DYKE GRADES INTO QTZ CARB	
					ONATE VEIN AT BOTTOM-2 TO 3% PO & PY	
					TS-C-72-2865 @ 60.0 FT ARKOSE (Q)	
64.1	1.5			VEIN	QTZ CARBONATE INTERMIXED WITH ABOVE	
					GWKE (AS TO 62.6)	
65.2	1.1			LC	CAVE	
68.8	3.6			VOLC	META AMPB FSP SCH DK GY GRN TO BK MG	
					VERY BLOCKY RK POSSIBLE SED (Q)	
69.9	1.1			QTZ	VEIN	
77.0	7.1			VOLC	META AS TO 68.8	
77.5	0.5			SED	META ARGILLACEOUS GWKE FG STEEL GY	

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
					TO BK SHARP CONTACT WITH FOLLOWING	
78.9	1.4			VOLC	AS TO 68.8 2 TO 3 INCH GRADATIONAL CONTACT WITH FOLLOWING QTE OCCASIONA	
					L QTZ VEINS AS WELL POSSIBLE SED(Q)	
89.9	11.0			QTE	PURE WHITE TO GY TO YELLOWISH IMPURE BANDS LOC(MAFICS)-SRCC AS WELL	75
					TS-C-72-2866 @ 80.0 FT	
91.4	1.5			QTE	IMPURE GRADATIONAL CONTACT WITH ABOVE	
92.6	1.2			GWKE	GARNETIFEROUS AS TO 62.6 PURPLISH ZONES MAINLY DK GY FOTN IRREGULAR UNSORTED POOR GRADING OCC SLCS BANDS QTE PRESENT THROUGHOUT	
93.4	0.8			GWKE	AS TO 92.6 BUT MORE SLCS DIRTY QTE OCCASIONAL GARS SHARP CONTACT WITH	
					FOLLOWING PO & PY CONCENTRATED AT OR VERY NEAR CONTACT	
104.6	11.2			DIA	DYKE (Q) DK GY GRN TO BK WELL FOTD AMPB MAJOR CONSTITUENT ALONG WITH FSP LCC VARIATIONS ON BASIS OF COLOR & GRAIN SIZE PO & PY 1% CONSISTENT	70
					THROUGHPUT ONE TO TWO INCH GRADATION AL CONTACT WITH FOLLOWING QTE	
					TS-C-72-2867 @ 100.0 FT	
116.0	11.4			QTE	PURE TO LOC IMPURE LOC CONGATIC AS WELL	
					TS-C-72-2868 @ 115.0 FT	
117.0	1.0	FX009269	MVVW	QTE	AS TO 116.0	
117.7	0.7	FX009270	MVW	QTE	LOC CONGATIC QTZ PEBBLES ELONGATED PO & PY 1-3% WK SCHISTOSITY DUE TO	
					MAFICS SPECTROMETER READINGS FROM 60-110 CPS	
118.7	1.0	FX009271	MVVW	QTE	LOC CONGATIC MAINLY PURE OCCASIONAL	
					LY IMPURE BANDS GRADATIONAL CONTACT WITH FOLLOWING DIA DYKE	
119.1	0.4			QTE	AS TO 118.7	
128.8	9.7			DIA	DYKE QTZ AMPB FSP SCH DK GRN TO BK ONE TO TWO INCH CONTACT WITH FOLLOWING QTE	
					TS-C-72-2869 @ 125.0 FT(AMPHIBOLITE)	
131.2	2.4			QTE	PURE COD SPK PY OCCASIONAL BAND FUCHSITE	
138.0	6.8			QTE	IMPURE OCCASIONAL MAFICS PO & PY 1% THROUGHOUT	
					TS-C-72-2870 @ 135.0 FT (QTZ PEBBLE CONG)	
139.0	1.0	FX009272	MVVW	QTE	PURE OCCASIONAL SPKS PY	
139.6	0.6	FX009273	MVW	CONG	WKLY MAINLY QTE PO & PY 1% SPECTROME TER READINGS FROM 50 TO 70 CPS	
140.6	1.0	FX009274	MVW	QTE	IMPURE OCCASIONAL PEBBLES PO & PY 2-3%	
141.2	0.6			QTE	PURE WHITE TP MED GY	
141.8	0.6			QTZ	VEIN	
142.9	1.1			QTE	IMPURE LOC MAFIC BANDS-1% PO & PY	
143.9	1.0	FX009275	MVVW	QTE	PURE TO IMPURE PO & PY 1%	

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
144.3	0.4	FX009276	MVW	QTE	AS TO 143.9 LOC CONGATIC PO & PY 1% SPECTROMETER READINGS FROM 50-75 CPS	
144.7	0.4	FX009277	MVW	CONG	GOOD PEBBLES 1-2CM IN SIZE PO & PY 1% SPECTROMETER READINGS FROM 90-150 CPS	
145.0	0.3	FX009278	MVW	CONG	AS TO 144.7	
145.4	0.4	FX009279	MVVW	CONG	AS TO 144.7 MINOR PO & PY 1% SPECTROMETER READINGS 50 CPS	
146.5	1.1	FX009280	MVW	CONG	PEBBLE AS TO 144.7 PO & PY 1-2% SPECTROMETER READINGS 50-90 CPS	
147.5	1.0	FX009281	MVVW	CONG	GRADES FROM CONGATIC PK INTO PURE QTE	
156.5	9.0			QTE	PURE LOC IMPURE LOC SRCC & PYRITIC AS WELL TS-C-72-2871 @ 150.0 FT	
157.3	0.8			QTE	IMPURE MAFICS AS WELL AS SRCT	
166.1	8.8			QTE	IMPURE LOCAL BANDS PURE OCCASIONAL PY (MVVW) AS TO 157.3	
167.6	1.5			BCDK	MAFIC DYKE MG DK GY TO GRN	
168.4	0.8			GWKE	MED GY TO DK GRN MG TO FG POOR SORTING	
171.0	2.6			QTE	IMPURE DIRTY BROKEN CORE HIGH % OF MAFICS TS-C-72-2872 @ 170.0 FT	
172.6	1.6			GWKE	AS TO 168.4 PO & PY 1-2%	
173.4	0.8			QTE	IMPURE DIRTY AS TO 171.0 SHARP CONTACT WITH FOLLOWING MAFIC DYKE	
201.8	28.4			DIA	DYKE DK GY TO GRN AMPB BIOT FSP SCH TS-C-72-2873 @ 180.0 FT (AMPHIBOLITE TS-C-72-2874 @ 200 FT (SCH)	
202.2	0.4			VEIN	QTZ INCLUSION IN DIA	
203.1	0.9			DIA	AS TO 201.8 SHARP CONTACT WITH FOLLOWING SED (QTE)	
209.3	6.2			QTE	IMPURE MAFICS OCCASIONAL QTZ VEINS	
209.8	0.5			LC	CAVE	
210.9	1.1			QTE	IMPURE AS TO 209.3 SRCT AS WELL	70
212.5	1.6			LC	CAVE	
225.2	12.7			QTE	INPURE SRCTRICH AS WELL AS MINOR MAFICS MED GY TO YELLOWISH WHITE TS-C-72-2875 @ 220.0 FT	
229.8	4.6			LC	CAVE	
231.4	1.6			QTE	AS TO 225.2 TS-C-72-2876 @ 230.0 FT	
232.5	1.1			LC	CAVE	
236.0	3.5			QTE	AS TO 225.7 FOOT OF HOLE	

ASSAYS OF THE FOLLOWING ELEMENTS WERE REQUESTED FOR THIS HOLE.....CU, NI, ZN, PM, U

FOR THIS HOLE, ASSAYS OF THE FOLLOWING ELEMENTS HAVE BEEN RECEIVED..AU, CO, CU, FE, NI, OP, PD, PT, S , SG, TH, U , ZN

BOREHOLE SUMMARY
****

FOOTAGE	MNZN	ROCK
0.0		
7.0		QTE
7.9		ARG
11.1		QTE
11.4		SCH
12.3		QTE
12.9		SCH
22.7		QTE
22.9		ARG
28.6		QTE
30.0		CAVE
36.1		QTE
37.1	MVVW	QTE
37.4	MVW	CONG
38.4	MVVW	QTE
51.5		QTE
52.5	MVVW	QTE
54.0	MVW	CONG
54.8	MVVW	QTZ
55.0	MVW	BCDK
55.2		BCDK
62.6		GWKE
64.1		VEIN
65.2		LC
68.8		VOLC
69.9		QTZ
77.0		VOLC
77.5		SED
78.9		VOLC
91.4		QTE
93.4		GWKE
104.6		DIA
116.0		QTE
117.0	MVVW	QTE
117.7	MVW	QTE
118.7	MVVW	QTE
119.1		QTE
128.8		DIA
138.0		QTE
139.0	MVVW	QTE
139.6	MVW	CONG
140.6	MVW	QTE
141.2		QTE
141.8		QTZ
142.9		QTE
143.9	MVVW	QTE
144.3	MVW	QTE
145.0	MVW	CONG
145.4	MVVW	CONG

146.5	MVW	CONG
147.5	MVVW	CONG
166.1		QTE
167.6		BCDK
168.4		GWKE
171.0		QTE
172.6		GWKE
173.4		QTE
201.8		DIA
202.2		VEIN
203.1		DIA
209.3		QTE
209.8		LC
210.9		QTE
212.5		LC
225.2		QTE
229.8		LC
231.4		QTE
232.5		LC
236.0		QTE

BOREHOLE RECORD
****

DATE PROCESSED APR 19,1973

CHK'D.....

BOREHOLE#	PROPERTY	NTS#	SH#	ANOM#	DEPTH	AZIMUTH	DIP	LATITUDE	DEPARTURE	ELEVATION	LEVEL
49877-0	SAKAMI PROJECT	33F 7E		4	176	180 00	-45 00	N 60	E 1200		DATE.....

INCLINATION AND TROPARI TESTS

DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP

TOPS OF WEDGES

LOGGED BY..JAMIESON R A STARTED..AUG 13,1972 COMPLETED..AUG 17,1972

COMMENTS

DRLD CANICC WINKIE T WAKEGIJIG EXT IN PERMIT AREA #550
ALL CASING & SHOE PULLED

SAMPLE ENTRIES

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
0.0	0.0				COLLAR	
34.0	34.0				EW CASING START OF CORE	
53.3	19.3			ARK	META (ETA-SEDIMENTARY) MAINLY FG ALTHOUGH THERE ARE SOME CG & MG FSP GS QTZ FSP BIOT MAFICS IMPART FOTN (SCHISTOSITY) BUT OBVIOUS SCHISTOSITY IS DUE TO QTZ & FSP BANDING(70-80 DEGREES) MED GY TO DK GY QTZ VEINING IS PRESENT & IN PLACES IS PARALLEL TO FOTN & IN OTHER PLACES IS NOT TS-C-72-2921 @ 50.0 FT RHYODACITE	75
54.3	1.0			ARK	AS TO 53.3 SEVERAL SLCS BANDS WITH ARKOSIC ZONES MORE MAFIC DK GY	
60.4	6.1			ARK	AS TO 53.3 FOTN WEAKER HERE	
61.6	1.2	FX009190	MVW	QTE	MG TO FG WITH BIOTITIC BANDS(CONTAINING PC WKLY MTC) 5-8% SULPS	
62.3	0.7	FX009191	MW	SCH	GRPC SLCS PO MINOR PY TRACE CP SULP BANDING BOTH CONCORDANT & DISCORDANT WITH SCHISTOSITY SULPS 10-15%	
62.6	0.3			SCH	AS TO 53.3 OCC FSP CLASTS	
63.3	0.7	FX009192	MVW	SCH	GRPC CCC SLCS BANDS SULPS 1-2% PO	65
75.5	12.2			ARK	AS TO 53.3	
78.7	3.2			QTE	SLCS DIRTY MINOR BIOT SHARP CONTACTS ON BOTH SIDES WHITE TO MED GY QTZ & FSP BNDD AS WELL	75
82.8	4.1			ARK	AS TO 53.3 MINOR GRPC BANDS WKLY MORE SLCS	70
84.2	1.4			LOST	CORE CAVE	
102.4	18.2			ARK	AS TO 82.8 BRECCIATED QTZ VEINS FROM 94.3-94.8 & 101.5-101.8	80
107.4	5.0	FX009193	MVVW	ARK	AS TO 53.3 MASSIVE WKLY FCTD SLLY MORE MAFICS PRESENT	85
110.1	2.7	FX009194	MVW	SCH	SLCS GRPC QTZ FSP BIOT SULPS PO PY MT PO&PY CONTENT(6-9) MT MINOR WKLY MTC & SLLY CONDUCTIVE	70
114.8	4.7	FX009195	MVW	IF	SLCS MTC & CONDUCTIVE FSP QTZ BIOT MINOR CHL & SRCT SCHISTOSE MT 20-25 % MINOR PO & PY 1-2%	

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
115.6	0.8	FX009196	MW	SCH	GRPC PO & PY 20% MASS GRPH SEE 124.1	
116.4	0.8	FX009197	MW	SCH	GRPC AS TO 115.6 SULPS 15% SEE 124.1	
119.6	3.2	FX009198	MVW	SCH	AS TO 110.1 SULPS 8-9%	
120.8	1.2	FX009199	M	SCH	GRPC SULPS 30% SEE 124.1	
123.4	2.6	FX009200	MVW	SCH	AS TO 110.1 SULPS 10%	
124.1	0.7	FX009258	MW	SCH	BK GRPC WKLY MTC & CONDUCTIVE GARS SCATTERED THROUGHOUT SULPS HIGHLY SHEARED & DEFORMED PY&PO BANDS ARE QUITE DISTINCT & CAN BE TRACED AS HORIZONS SULP CONTENT VARIES 20-25 % IN OTHER ZONES MORE MASSIVE SULPS ARE OF BIOGENIC ORIGIN	
133.1	9.0	FX009259	MW	SCH	AS TO 110.1 PO & PY 10-15% SULPS WKLY MTC & CONDUCTIVE HIGHLY CONTORTED & FOLDED MAINLY PO PY MINOR	
134.1	1.0	FX009259	MW	SCH	FSP IN SLCS GRPC MTX FSP PY ROCLASTICS	
139.1	5.0	FX009260	MVVW	ARK	AS TO 53.3	
151.0	11.9			ARK	AS TO 53.3 WKLY MORE SLCS	75
156.0	5.0			SCH	GAR FSP AMPB IOT CHL MG PINKISH TO GRNISH GY MG MAY BE METAMORPHOSED BASIC VOLC SULPS PO TRACE PY (1-2%)	
158.0	2.0	FX009261	MVW	SCH	AS TO 156.0 TRACE CP 1%	
170.0	12.0			SCH	AS TO 156.0 TS-C-72-2922 @ 161.8 FT (SKARN IF)	
171.0	1.0	FX009262	MVW	SCH	AS TO 158.0	
174.2	3.2			SCH	AS TO 156.0	
176.0	1.8			ARK	AS TO 153.3 FOOT OF HOLE	

ASSAYS OF THE FOLLOWING ELEMENTS WERE REQUESTED FOR THIS HOLE.....CU, NI, ZN, PM

FOR THIS HOLE, ASSAYS OF THE FOLLOWING ELEMENTS HAVE BEEN RECEIVED..AU, CO, CU, FE, NI, OP, PD, PT, S , SG, ZN, MG

BOREHOLE SUMMARY
****

FOOTAGE	MNZN	ROCK
34.0		
60.4		ARK
61.6	MVW	QTE
62.3	MW	SCH
62.6		SCH
63.3	MVW	SCH
75.5		ARK
78.7		QTE
82.8		ARK
84.2		LOST
102.4		ARK
107.4	MVVW	ARK
110.1	MVW	SCH

114.8	MVW	IF
116.4	MW	SCH
119.6	MVW	SCH
120.8	M	SCH
123.4	MVW	SCH
134.1	MW	SCH
139.1	MVVW	ARK
151.0		ARK
156.0		SCH
158.0	MVW	SCH
170.0		SCH
171.0	MVW	SCH
174.2		SCH
176.0		ARK

BOREHOLE RECORD
****

DATE PROCESSED APR 19,1973

CHK'D.....

BOREHOLE#	PROPERTY	NTS#	SH#	ANOM#	DEPTH	AZIMUTH	DIP	LATITUDE	DEPARTURE	ELEVATION	LEVEL
49878-0	SAKAMI PROJECT	33F 7E		1	133	90 CO	-45 00	N 1200	E 60		

DATE.....

INCLINATION AND TROPARI TESTS

DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP

TOPS OF WEDGES

LOGGED BY..JAMIESON R A STARTED..AUG 15,1972 COMPLETED..AUG 17,1972

COMMENTS

DRLC CANICO WINKIE IEX & EXT P JEANSON PERMIT AREA 550
25 FT EWCASING & SHOE BIT # 931 LEFT IN HOLE

SAMPLE ENTRIES

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
0.0	0.0				COLLAR	
30.0	30.0				EW CASING START OF CORE OVER BURDEN CONSISTS OF SMALL BOULDERS & GRAVEL	
54.2	24.2			QTE	IMPURE LOC DIRTY DK TO MED GY MAINLY FG ALTHOUGH THERE ARE FG SECTIONS AS WELL THE MAJOR CONSTITUENT IS QTZ WITH MINOR FSP IN VARYING QUANTATIES OTHER IMPURITIES ARE BIOT CHL & VERY MINOR SRCT THIS QTE IS INTRUDED TH ROUGHOUT BY NARROW ONE QUARTER TO ON E HALF INCH QTZ VEINS MINOR PO & PY MVVW LOC PEBBLY ARKOSIC ZONES QTE MA Y HAVE QTZ PEBBLES LOCALLY BUT THEY ARE ALMOST INDISTINGUISHIBLE DUE TO STRETCHING ABOVE MAFICS IMPART WK SC HISTOSITY THROUGHOUT	60
					TS-C-72-2877 @ 41.0 FT RHYODACITE	
59.2	5.0	FX009282	MVVW	QTE	AS TO 54.2	
59.6	0.4	FX009283	MVW	SCH	SLCS (ENDD IF) QTZ MINOR FSP & GRPH WHITE TO GY TO BK SULPS ARE VERY WELL BANDED (SEDIMENTARY ORIGIN) CONDUCTIVE & WKLY MTC PO 8-9% PY 1% MT 5%	65
63.8	4.2	FX009284	MVVW	QTE	AS TO 54.2 MINOR PO & PY 1%	
66.8	3.0	FX009285	MW	AMPH	WITH SLCS ZONES (QTZ&FSP) GRPC BANDS THROUGHOUT AS WELL LAYERED SULPS FRO M 63.8 65.6 & HIGHLY FOLDED & DEFORM ED FROM 65.6 66.4 (SULPS ARE STRATA LAYERED IN ORIGIN) PO 10-15% PY 1-2% MT 1% CONDUCTIVE & MTC(STRONGLY)	
67.2	0.4	FX009286	MVVW	QTE	AS TO 54.2 SLCS BAND	
68.9	1.7	FX009287	MW	AMPH	AS TO 66.8 SULPS 10% CONDUCTIVE & MT C SULPS ONLY WEAKLY DEFORMED PO & PY	
71.4	2.5	FX009288	MVVW	ARG	FG BRWNISH GY TO DK GY AMPB & BIOT SULPS 1% PO	
					TS-C-72-2878 @ 70.0 FT RHYODACITE	
74.5	3.1	FX009289	MVW	QTE	BANDED MT & PO IN SLCS MTX ZONES HIG HLY FOLDED MT 23% PO 5 6% WKLY MTC	

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
					& SLLY CONDUCTIVE	
75.8	1.3	FX009290	MW	SCH	GRPC SULP RICH PYROCLASTS FSP THROUG HOUT MINOR AMOUNTS AMPH SULPS 20 25% PO 20% & PY 2 5% HIGHLY FOLDED & OC CASSICNAL SLCS ZONES MTC & CONDUCTIV E	
79.8	4.0	FX009291	MW	QTE	AS TC 74.5 PO 20 25% NO MT CONDUCTIV E OVER ENTIRE LENGTH MTC	
88.8	9.0	FX009292	MVVW	SCH	CHL GRN FG PYROCLASTS FSP MINOR PO & PY	
					C-72-2819 @ 82.0 FT GYKE OR ACIDVOLC	
94.2	5.4	FX009293	MVW	SCH	GRPC CHL FG DK GRN TO BK PO 1 3% MIN OR PY WKLY CONDUCTIVE & VERY WKLY MT C	
95.1	0.9	FX009294	MVW	QTZ	VEIN PO STRS 1 3%	
96.2	1.1	FX009295	MVW	SCH	AS TO 94.2 MT & GRPC WKLY CONDUCTIVE & SLLY MTC PYROCLASTS FSP MT 2 3%	
101.2	5.0	FX009296	MVVW	SCH	CHL SRCC AS WELL FG WHITISH TO MED L T GRN GOOD FOTN BANDS FSP & QTZ(MTSD) GARS FRCM 130.3 TO 131.5 MINOR BIO T	70
133.0	31.8			SCH	AS TO 101.2 FOOT OF HOLE	
					TS-C-72-2880 @ 131.0 FT GWKE OR RHYODACITE FOOT OF HOLE	

ASSAYS OF THE FOLLOWING ELEMENTS WERE REQUESTED FOR THIS HOLE.....CU, NI, ZN, PM

FOR THIS HOLE, ASSAYS OF THE FOLLOWING ELEMENTS HAVE BEEN RECEIVED..AU, CO, CU, FE, MG, NI, OP, PD, PT, S , SG, ZN

BOREHOLE SUMMARY

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FOOTAGE	MNZN	ROCK
30.0		
54.2		QTE
59.2	MVVW	QTE
59.6	MVW	SCH
63.8	MVVW	QTE
66.8	MW	AMPH
67.2	MVVW	QTE
68.9	MW	AMPH
71.4	MVVW	ARG
74.5	MVW	QTE
75.8	MW	SCH
79.8	MW	QTE
88.8	MVVW	SCH
94.2	MVW	SCH
95.1	MVW	QTZ
96.2	MVW	SCH
101.2	MVVW	SCH

133.0 SCH

BOREHOLE RECORD
****

DATE PROCESSED APR 19,1973

CHK'D.....

BOREHOLE#	PROPERTY	NTS#	SH#	ANOM#	DEPTH	AZIMUTH	DIP	LATITUDE	DEPARTURE	ELEVATION	LEVEL
49879-0	SAKAMI PROJECT	33F 7E		4	215	180 00	-45 00	N 350	W 400		

DATE.....

INCLINATION AND TROPARI TESTS

DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP

TOPS OF WEDGES

LOGGED BY..JAMIESON R A STARTED..AUG 19,1972 COMPLETED..AUG 25,1972

COMMENTS

DRLD CANICC WINKIE EXT T WAKEGIJIG PERMIT AREA 550 ALL CASING & CASING SHOE PULLED

SAMPLE ENTRIES

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
0.0	0.0				COLLAR	
24.0	24.0				EW CAS SOC CB SAND GRAV & SML BOULD	
65.2	41.2			ARG	META FG QTZ FSP BIOT SCH MED TO DK G	
					Y PY 1% CUT BY OCC CAL	
					VEINS OCC BIOT RICH BANDS	
					TS-C-72-2897 @ 39.0 FT RHYODACITE	
67.7	2.5	FX009427	MVW	CTE	SLCS FG WHITE TO GY PO 2 3% IN STRS	
69.0	1.3	FX009427	MVVW	SCH	CHL AMPB BIOT INTERMIXED WITH SLCS I	
					NCLUSIONS VERY BIOT RICH MINOR PO SC	
					ATTERED THROUGHOUT 1%	
70.9	1.9	FX009428	MVVW	SCH	CHL FSP BIOT IN A SLCS MTX MED TO FG 40	
					WHITISH GY TO GRN PY 1%	
75.9	5.0	FX009429	MVW	SCH	AS TC 70.9 PO 1 2%	
					TS-C-72-2898 @ 75.0 FT RHYODACITE	
85.9	10.0	FX009430	MVW	SCH	GRPC SLCS WITH INTERBANDED QTZ FSP L 50	
					AYERS OCC PHCR FSP 1 2 CM IN LENGTH	
					PO 3 4 % PY 1% VERY WKLY MTC & WKLY	
					CONDUCTIVE ALONG FOTN	
95.9	10.0	FX009431	MVW	SCH	AS TC 85.9 OCC NODULE OF PY PO 3 4%	
					PY 1 2%	
107.7	11.8	FX009432	MVW	SCH	AS TC 85.9 SHARP CONTACT TO FOLLOWIN 50	
					G PY 3 4 % PO 2 3 %	
					TS-C-72-2899 @ 100.0 FT TUFFACEOUS	
					SILTSTONE	
114.0	6.3	FX009433	MVVW	SCH	AS TO 70.9 SLLY MORE BIOT SHARP CONT	
					ACT WITH FOLLOWING	
117.7	3.7	FX009434	MVW	SCH	AS TO 85.9 INTENSELY FOLDED IN THIS	
					AREA PO 2 3% PY 2 3%	
120.2	2.5	FX009435	MVVW	SCH	AS TC 70.9 LOCAL INCLUSIONS OF SLCS	
					MATERIAL	
121.7	1.5	FX009436	MVW	SCH	AS TO 85.9 GROUND CORE	
122.6	0.9			LC	CAVE	
123.2	0.6	FX009436	MVW	SCH	AS TC 85.9 GROUND CORE	
124.6	1.4			LC	CAVE	
130.2	5.6	FX009436	MVW	SCH	AS TO 85.9 MORE QTZ FSP BANDING PO 2 50	
					3% PY 1 2%	
135.6	5.4	FX009437	MVW	SCH	AS TO 130.2 PO 3 5% PY 1%	
137.2	1.6	FX009438	MVVW	SCH	AS TC 70.9 POSSIBLY META ARG	

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
147.2	10.0	FX009439	MVW	SCH	AS TO 85.9 ZONES ARE HIGHLY FOLDED & CONTORTED PO 3 4% PY 1%	55
157.2	10.0	FX009440	MVW	SCH	AS TO 85.9 PO 4 5% PY 1%	
167.2	10.0	FX009441	MVW	SCH	AS TO 85.9 PO 3 4% PY 1%	
172.9	5.7	FX009442	MVW	SCH	AS TO 85.9 MORE QTZ & CAL STRS HIGHLY FOLDED & CONTORTED PO 2% PY 1%	
179.6	6.7	FX009443	MW	QTE	SLCS DIRTY IN ZONES MG LOC GRPC WHITE TO GY BK PO 10%	
189.6	10.0	FX009444	MVW	SCH	AS TO 172.9 PO 2 3% PY 1%	
200.2	10.6	FX009445	MVW	SCH	AS TO 172.9 PO 1% PY 1%	
205.2	5.0	FX009446	MVVW	SCH	AS TO 70.9 PY 1%	52
					TS-C-72-2900 @ 211.0 FT META	
215.0	9.8			SCH	AS TO 70.9 OCC CONCENTRATIONS BIOT FOOT OF HOLE	
					CONDUCTOR FROM 75.9 200.2	

ASSAYS OF THE FOLLOWING ELEMENTS WERE REQUESTED FOR THIS HOLE.....CU, NI, ZN, PM

FOR THIS HOLE, ASSAYS OF THE FOLLOWING ELEMENTS HAVE BEEN RECEIVED..AU, CO, CU, FE, NI, OP, PD, PT, S , SG, ZN

BOREHOLE SUMMARY
****

FOOTAGE	MNZN	ROCK
24.0		
65.2		ARG
67.7	MVW	QTE
70.9	MVVW	SCH
107.7	MVW	SCH
114.0	MVVW	SCH
117.7	MVW	SCH
120.2	MVVW	SCH
121.7	MVW	SCH
122.6		LC
123.2	MVW	SCH
124.6		LC
135.6	MVW	SCH
137.2	MVVW	SCH
172.9	MVW	SCH
179.6	MW	QTE
200.2	MVW	SCH
205.2	MVVW	SCH
215.0		SCH

BOREHOLE RECORD
****

DATE PROCESSED APR 19,1973

CHK'D.....

BOREHOLE#	PROPERTY	NTS#	SH#	ANOM#	DEPTH	AZIMUTH	DIP	LATITUDE	DEPARTURE	ELEVATION	LEVEL
49880-0	SAKAMI PROJECT	33F 7E		1	168	90 00	-45 00	N 1200	E 450		

DATE.....

INCLINATION AND TROPARI TESTS

DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP

TOPS OF WEDGES

LOGGED BY..JAMIESON R A STARTED..AUG 19,1972 COMPLETED..AUG 24,1972

COMMENTS

DRLD CANICO WINKIE IEX & EXT P JEANSON PERMIT AREA 550
ALL CASING & CASING SHOE RECOVERED

SAMPLE ENTRIES

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
0.0	0.0				COLLAR	
29.0	29.0				EW CASING SOC OB GRAVEL & SML BOULD	
43.3	14.3			ARK	MED TO FG MED TO DK GY QTZ FSP CHL M INOR BIOT & SRCT WK FOTN BUT EVIDENT	70
					TS-C-72-2895 @ 40.0 FT (RYDT)	
48.3	5.0	FX009401	MVVW	ARK	AS TO 43.3	
50.6	2.3	FX009402	MVW	QTE	SLCS WHITE TO GY FG TO MG MINOR AMPB PO 5 8% PY 2 3% MINOR MT AS WELL WK LY CONDUCTIVE & WKLY MTC	
51.1	0.5	FX009403	MW	SCH	ARGILLACEOUS FG DK GRN TO BK PY 15 2 0% PO 5% MICRO FOLDING PRESENT MTC & CONDUCTIVE	
51.7	0.6	FX009404	M	QTE	AS TO 50.6 PY 40 50% PO 2 3% MT 1 2%	
53.4	1.7	FX009405	MS	QTE	AS TO 50.6 PY 60% PO 15% MT 1%	
54.5	1.1	FX009406	M	QTE	AS TO 50.6 PY 40 50% PO 2 3% MT 3 5%	
56.6	2.1	FX009407	M	SCH	AS TO 51.1 NOT FOLDED PY 40% PO 10% MT 5 8%	70
61.9	5.3	FX009408	MVW	ARK	AS TO 43.3 PY 8 9% PO 1% WKLY SLCS GRPC ZONES AS WELL	
67.4	5.5	FX009409	MS	QTE	AS TO 50.6 MT THROUGHOUT 3 5% PY 40% PO 40% INTERMIXING OF PO & PY FACIES HERE PY % HIGH AT TOP & PO GREATER NEARER THE BOTTOM	
69.6	2.2	FX009410	M	QTE	AS TO 67.4 BUT MORE PHOR OF FSP MT 1 2% PY 40% PO 30%	
69.9	0.3	FX009411	MVW	QTZ	VEIN INCL & AMPB SCH PO 5% PY 4%	
71.5	1.6	FX009412	MS	QTE	AS TO 50.6 PO 40% PY 40% MT 2 3%	
73.2	1.7	FX009413	MW	SCH	CHL AMPB DK GY TO GRN INTERMIXED WITH SLCS QTE SIMILAR TO 50.6 PO 10 12% PY 2 3% MT 3%	
73.8	0.6	FX009414	MS	QTE	AS TO 50.6 PY 70 80% LAST PYRITIC FACIES	
77.4	3.6	FX009415	M	QTE	AS TO 50.6 PYRITIC FACIES NEARLY EXT INCT PY 2 3% PO 50% MT 1 2% EXCEPT FROM 76.1 TO 76.3 WHERE THERE IS 20 25% FROM 77.0 TO 77.4 WKLY FOLDED	
82.3	4.9	FX009416	MW	QTE	AS TO 50.6 PY & PO IN STRS PO 15% PY 5% MT 2% WKLY GRPC AS WELL	

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
94.6	12.3	FX009417	MVVW	MTSD	LOST & GROUND CORE APPEARS TO BE GRP C MTSD WITH CARB STRS VERY LITTLE SU LP WHAT WAS PRESENT WAS SAMPLED	
102.5	7.9	FX009418	MW	QTE	AS TO 50.6 PO 20% PY 4 5% MT 1%	
104.4	1.9	FX009419	MS	QTE	AS TO 50.6 PO 80% PY 1%	
106.9	2.5	FX009420	M	QTE	AS TO 50.6 LOC GRPC LOC FOLDED IN AR EAS PO 30% PY 3%	
108.8	1.9	FX009421	M	QTE	AS TO 50.6 PO 40% PY 2 5%	
118.4	9.6	FX009422	MW	QTE	AS TO 50.6 OCC GRPT MT BANDS THROUGHOUT EVIDENCE OF SLUMPING AS WELL PC 10 12% MT 2%	50
119.6	1.2	FX009423	MASS	QTE	AS TO 50.6 PO 90%	
120.2	0.6	FX009424	MVW	SCH	GRPC HIGHLY FOLDED & CONTORTED PO 5% PY 1%	
125.2	5.0	FX009425	MVVW	SCH	AMPB CHL FSP FG LT GY TC MED GRN MTS D LOC ARKOSIC MINOR BIOT SULPS 1% TS-C-72-2896 @ 125.0 FT RHYODACITE	65
135.2	10.0	FX009426	MVW	SCH	AS TO 125.2 PO & PY IN ISOLATED STRS 1 2%	
168.0	32.8			SCH	AS TO 125.2 FOOT OF HOLE CONDUCTOR FROM 48.3 119.6	

ASSAYS OF THE FOLLOWING ELEMENTS WERE REQUESTED FOR THIS HOLE.....CU, NI, ZN, PM

FOR THIS HOLE, ASSAYS OF THE FOLLOWING ELEMENTS HAVE BEEN RECEIVED..AU, CC, CU, FE, NI, OP, PD, PT, S , SG, ZN

BOREHOLE SUMMARY
****

FOOTAGE	MNZN	ROCK
29.0		
43.3		ARK
48.3	MVVW	ARK
50.6	MVW	QTE
51.1	MW	SCH
51.7	M	QTE
53.4	MS	QTE
54.5	M	QTE
56.6	M	SCH
61.9	MVW	ARK
67.4	MS	QTE
69.6	M	QTE
69.9	MVW	QTZ
71.5	MS	QTE
73.2	MW	SCH
73.8	MS	QTE
77.4	M	QTE
82.3	MW	QTE
94.6	MVVW	MTSD
102.5	MW	QTE

104.4	MS	QTE
108.8	M	QTE
118.4	MW	QTE
119.6	MASS	QTE
120.2	MVW	SCH
125.2	MVVW	SCH
135.2	MVW	SCH
168.0		SCH

BOREHOLE RECORD
****

DATE PROCESSED APR 19,1973

CHK'D.....

BOREHOLE#	PROPERTY	NTS#	SH#	ANOM#	DEPTH	AZIMUTH	DIP	LATITUDE	DEPARTURE	ELEVATION	LEVEL
49381-0	SAKAMI PROJECT	33F 2W			256	180 00	-45 00	S 300	E 1300		

DATE.....

INCLINATION AND TROPARI TESTS

DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP

TOPS OF WEDGES

LOGGED BY..JAMIESON R A STARTED..AUG 17,1972 COMPLETED..AUG 23,1972

COMMENTS

DRLD CANICO WINKIE IEX J P FOURNIER ZONE 3B
PERMIT #547

SAMPLE ENTRIES

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
0.0	0.0				COLLAR	
1.6	1.6			QTE	IMPURE RUSTY COLORED MAFICS (AMPB BIOT CHL) MG WKLY SCHISTOSE 45 50 DEGREES PO&PY 1 2% VERY BLOCKY GROUND	
7.7	6.1			QTE	PURE LOC IMPURE LT TO MED GY MG MAFICS AS ABOVE	
9.0	1.3			QTE	IMPURE MAFICS OCCASSIONALY QTZ PEBBLES PY SPKS 1% MVVW	
11.2	2.2			QTE	PURE TO IMPURE MG OCCASSIONALY RUSTY BROWN MAFICS(AMPB)	
					TS-C-72-2882 @ 10.0 FT QTE	
16.6	5.4	FX009297	MVW	DIA	(MAFIC) DYKE DK GRN TO BK MG AMPB BIOT FSP PO THROUGHOUT 1% TRACE CP 3 INCH CHILL ZONE AT TOP & 6 TO 8 INCH ZONE AT BOTTOM INCLUSIONS OF QTE IN TOP 2 FT OF DYKE	
16.8	0.2	FX009298	MVW	BCDK	AS TO 16.6 SHARP CONTACT WITH FOLLOWING QTE ANGLE 30 DEGREES	
17.6	0.8	FX009298	MVVW	QTE	WKLY CONGATIC VERY HIGHLY STRETCHED QTZ PEBBLES LOC PURE TO IMPURE MG WHITISH TO DK GY PY 1%	
18.7	1.1	FX009299	MVW	QTE	AS TO 17.6 QTZ PEBBLES ARE STRETCHED PO 1% OCCASSIONAL SPKS CP SPECTROMETER READINGS FROM 50 TO 65 SCHISTOSITY 40 50 DEGREES	
19.7	1.0	FX009300	MVW	QTE	AS TO 17.6 LESS QTZ PEBBLES MAFICS ARE MINOR PO PY CP 1 2%	
22.3	2.6			QTE	IMPURE AS TO 17.6 NO PEBBLES PY 1% WK GRNISH TING THROUGHOUT DUE TO MAFICS	
31.0	8.7			QTE	IMPURE SCRC MG WHITE TO MED GY OCCASSIONAL YELLOW TING VERY MINOR MAFICS	
					TS-C-72-2883 @ 30.0 FT QTE	
46.1	15.1			QTE	IMPURE AS TO 17.6 SLLY MORE MAFICS PO & PY SCATTERED THROUGHOUT BANDS OF SULPS 2% CONGATIC AS WELL WITH TYPICAL STRETCHED PEBBLES TYPICAL BK LIN	

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
					EATIONS AROUND PEBBLES	
46.6	0.5			QTE	PURE MG WHITE TO MED GY OCCASSIONAL BANDS MAFICS	
49.8	3.2			QTE	IMPURE MG MAFICS PY 1% WKLY CONGATIC DK GY	52
50.5	0.7	FX009301	MVW	QTE	AS TO 49.8	
50.8	0.3	FX009301	MVW	CONG	QTZ PEBBLE STRETCHED AS WELL PY 1 2% MINOR MAFICS TS-C-72-2884 @ 50.0 FT	
51.0	0.2	FX009302	MVW	CONG	AS TO 50.8 SPRECTROMETER READINGS 50 55 CPS	
51.6	0.6	FX009303	MVW	CONG	AS TO 50.8 QTZ PEBBLES WELL PRESERVE D 4 5 CM IN SIZE PY 1 2% ZNS 1 2%	
52.0	0.4	FX009303	MVVW	QTE	PURE CCCASSIONAL MAFIC BAND	
53.2	1.2			QTE	IMPURE SRCC WITH MINOR MAFICS	
59.2	6.0			QTE	IMPURE LOC SRCC & MAFIC PY 1% CONGA TIC FROM 55.8 59.2	
60.1	0.9	FX009304	MVW	QTE	AS TO 59.2 ZNS 2 4% AS WELL AS PY 1% OCCASSIONAL YELLOWISH TING IMPARTED BY SRCT	
65.6	5.5			CONG	STRETCHED PEBBLES PY 1 2% LOC SRCC B ANDS MAFICS IMPART GRNISH TING	54
66.6	1.0	FX009305	MVVW	CONG	PEBBLE PEBBLES ARE 5 6 CM PY 1% 2 I NCHES MASS MAFICS FROM 65.6 65.8	
67.6	1.0	FX009306	MVW	CONG	AS TO 66.6 PY 1 2% SPRECTROMETER REA DINGS FROM 50 60 CPS	
68.6	1.0	FX009307	MVVW	QTE	IMPURE LOC SRCC & CONGATIC AS WELL	
71.4	2.8	FX009308	MVVW	QTE	IMPURE LOC SRCC ZNS 1% TS-C-72-2885 @ 70.0 FT	
76.4	5.0	FX009309	MVW	QTE	CONG PEBBLES LOC MED GY TO GRNISH GY MG CONGATIC FROM 75.3 76.2 LOC SRCC AS WELL TYPICAL BK LINEATIONS ASSOC IATED WITH PEBBLES PY 1% MINOR PO TR ACE CP ZNS PRESENT IN SCATTERED STRS	50
77.4	1.0	FX009310	MVVW	CONG	PEBBLY FOLDED IN ZONES AS TO 76.4 PY 1%	
78.4	1.0	FX009311	MVW	CONG	AS TO 77.4 ALSO FOLDED IN ZONES PEBB LES ARE OF VARYING SIZE PY 1% SPRECT ROMETER READINGS FROM 50 65 CPS	
78.6	0.2	FX009312	MVW	CONG	AS TO 77.4 SPECTROMETER READINGS FRO M 70 80 CPS	
79.0	0.4	FX009313	MVW	CONG	AS TO 77.4 PY 3 4% SPECTROMETER READ INGS FROM 80 140 CPS	
79.3	0.3	FX009314	MVW	CONG	WKLY PY 1% AS TO 77.4 SPRECTROMETER READINGS FROM 50 70CPS	
79.8	0.5	FX009315	MVVW	CONG	WKLY AS TO 77.4 PY 1% SPRECTROMETER READINGS LESS THAN 50 CPS	
80.4	0.6	FX009316	MVW	CONG	WKLY AS TO 77.4 PY 1% SPRECTROMETER READINGS FROM 50 70 CPS	
81.8	1.4	FX009317	MVVW	CONG	WKLY PY 1% SPRECTROMETER READINGS L ESS THAN 50 CPS AS TO 77.4	
82.0	0.2	FX009318	MVW	CONG	WKLY AS TO 77.4 PY 1 2% SPRECTROMETE R READINGS FROM 50 75 CPS	
82.4	0.4	FX009319	MVW	CONG	AS TO 77.4 PY 1% ZNS 1 2% APPEARS TO BE SLLY FOLDED & BROKEN SPECTROMETER	

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
					READINGS FROM 70 85 CPS	
82.8	0.4	FX009320	MVW	CONG	AS TO 77.4 PY 1 2% VERY STRETCHED QT Z PEBBLES SPECTROMETER READINGS FROM 95 110 CPS	
83.7	0.9	FX009321	MVW	CONG	WKLY MINOR MAFICS AS TO 77.4 PY 1% SPECTROMETER READINGS FROM 70 85 CPS	
84.7	1.0	FX009322	MVW	QTE	PURE MG PY 1% ZNS 2 3% MINOR MAFICS	
86.2	1.5	FX009323	MW	QTE	PURE LOC IMPURE MINOR PEBBLES FROM 8 6.0 TO 86.2 PY 1% ZNS 12%	
88.2	2.0	FX009324	MVVW	QTE	PURE MINOR MAFICS OCCASSIONAL BAND S RCT PY 1% SPECKS ZNS LOWER & INCHES APPEAR CONGATIC	
88.8	0.6	FX009324	MVVW	QTE	IMPURE SRCC WHITISH TO YELLOWIS GY SCATTERED PEBBLES ZNS 1%	
90.9	2.1	FX009324	MVW	QTE	IMPURE MAFICS OCCASSIONALY PEBBLY PY 1% ZNS 1% TS-C-2886 @ 90.0 FT	
92.9	2.0	FX009324	MVVW	QTE	AS TO 88.8	
96.2	3.3	FX009324	MVW	QTE	CONGATIC GOOD STRETCHED QTZ PEBBLES PY 1% ZNS 1% LOC SRCC & MAFIC	
97.4	1.2			QTE	IMPURE APPEARS WKLY FOLDED MINOR SRC T BROWNISH YELLOW	48
98.3	0.9			SCH	FUCHSITE IN QTE	50
100.7	2.4			BCDK	MAFIC VOLC DK GRN MED TO FG OCC SCAT TERED GAR	
110.7	10.0	FX009325	MVW	QTE	IMPURE MAFIC & SRCC ZNS 1 2% PY 1% TS-C-72-2887 @ 110.0 FT	
111.6	0.9	FX009326	MVW	QTE	AS TO 110.7	
113.9	2.3	FX009326	MVW	QTE	IMPURE WHITISH GY TO YELLOW SRCC MIN OR MAFICS OCCASSIONAL QTZ VEINS ZNS 1%	
125.6	11.7			DIA	DYKE MED GRN DK GRN TO BK PEARLY TEXTURE SHARP CONTACT WITH ABOVE QTE (85 DEGREES) PY 1% OCCASSIONAL CONC ENTRATION 1% PY SHARP CONTACT WITH FOLLOWING QTE (90 DEGREES)	
140.0	14.4			QTE	IMPURE LOC SRCC BANDS OF MAFICS 132. 0 TO 133.5 BANDS OF FOLDED MAFIC QTE TS-C-72-2888 @ 130.0 FT	53
145.0	5.0	FX009327	MVW	QTE	AS TO 140.0 ZNS 1 2% PY 1%	
150.6	5.6			QTE	IMPURE SRCC OCCASSIONAL FUCHSITE BAN D SOME QTZ VEINING WHITE TO YELLOWIS H GRY CONTACT WITH FOLLOWING MAFIC S HARP (30 DEGREES) TS-C-72-2889 @ 150.0 FT	
155.2	4.6			DIA	DYKE DK GRN TO BK AMPH BICT FSP PEARLY TEXTURE PY THROUGHOUT 1% OCC ASSIONAL INCLUSION OF QTE NEAR BOTTO M OF MAFICS SHARP CONTACT WITH FOLLO WING QTE (55 DEGREES)	
160.4	5.2			QTE	IMPURE SRCC MINOR BANDS MAFICS 157.6 158.6 PURE QTE	
165.4	5.0			QTE	IMPURE MAFICS PY 1% OCCASSIONAL QTZ VEIN	
166.0	0.6	FX009328	MVW	QTE	IMPURE MAFICS ZNS 8%	

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
174.3	8.3	FX009329	MVW	QTE	AS TO 166.0 ZNS 1% TS-C-72-2890 @ 170.0 FT	
176.1	1.8	FX009330	MVW	QTE	AS TO 166.0 OCCASSIONAL BAND MAFICS ZNS 10 12%	
181.7	5.6	FX009331	MVVW	QTE	AS TO 166.0 DK GY TO MED GRN ZNS 1%	
186.0	4.3			DIA	DYKE RELATIVELY SHARP CONTACTS W ITH ABOVE & BELOW QTE 3 TO 6 INCH CH ILL MARGINS ON BOTH SIDES DK GRN TO BK AMPH FSP BIOT	
189.3	3.3	FX009332	MVW	QTE	IMPURE (DIRTY) MED TO DK GY ZNS 1 2% SPKS PBS TRACE CP	
190.8	1.5			QTE	IMPURE SRCC LOC BANDS OF MAFICS MG W HITISH TO YELLOWISH GY TS-C-72-2891 @ 190.0 FT	52
200.6	9.8			GWKE	BIOT AMPB FSP SCH GY TO GRN OCCASSIO NAL BANDS QTE IN GWKE FG PO & PY 1 2 %	
211.2	10.6			SCH	MAFIC MED TO DK GRN AMPB FSP MED TO FG LOCAL BANDS QTE PY 1% TS-C-72-2892 @ 210.0 FT (QTE Q)	
226.7	15.5			QTE	IMPURE MAFIC & SRCC COLOR VARIES FRO M YELLOWISH GY TO MED GRN MED TO FG MINOR FOLDING PRESENT AT 212.0	
240.8	14.1			QTE	IMPURE SRCC LOC BANDS MINOR MAFICS WHITISH TO YELLOWISH MED GY TS-C-72-2893 @ 230.0 FT	55
242.2	1.4			QTE	IMPURE MAFIC BAND SHARP CONTACTS WIT H ABOVE & BELOW SRCC QTE	
248.2	6.0			QTE	SRCC AS TO 240.8	
249.4	1.2			QTE	AS TO 242.2	
250.8	1.4			DIA	DYKE DR GRN TO BK MG AMPB BIOT PY 1% GRADATIONAL CONTACTS ON BOTH SIDES OF QTE TS-C-72-2894 @ 250.0 FT (GWKE)	
256.0	5.2			QTE	IMPURE MAFIC LOCAL ZONES MAFIC SCH F ROM 253.0 253.9 DK GY TO MED GY FOOT OF HOLE	

ASSAYS OF THE FOLLOWING ELEMENTS WERE REQUESTED FOR THIS HOLE.....CU, NI, ZN, PM, U

FOR THIS HOLE, ASSAYS OF THE FOLLOWING ELEMENTS HAVE BEEN RECEIVED..AG, AU, CO, CU, FE, NI, OP, PD, PT, S , SG, TH, U , ZN, PB, H

BOREHOLE SUMMARY
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FOOTAGE	MNZN	ROCK
0.0		
11.2		QTE
16.6	MVW	DIA

16.8	MVW	BCDK
17.6	MVVW	QTE
19.7	MVW	QTE
49.8		QTE
50.5	MVW	QTE
51.6	MVW	CONG
52.0	MVVW	QTE
59.2		QTE
60.1	MVW	QTE
65.6		CONG
66.6	MVVW	CONG
67.6	MVW	CONG
71.4	MVVW	QTE
76.4	MVW	QTE
77.4	MVVW	CONG
79.3	MVW	CONG
79.8	MVVW	CONG
80.4	MVW	CONG
81.8	MVVW	CONG
83.7	MVW	CONG
84.7	MVW	QTE
86.2	MW	QTE
88.8	MVVW	QTE
90.9	MVW	QTE
92.9	MVVW	QTE
96.2	MVW	QTE
97.4		QTE
98.3		SCH
100.7		BCDK
113.9	MVW	QTE
125.6		DIA
140.0		QTE
145.0	MVW	QTE
150.6		QTE
155.2		DIA
165.4		QTE
176.1	MVW	QTE
181.7	MVVW	QTE
186.0		DIA
189.3	MVW	QTE
190.8		QTE
200.6		GWKE
211.2		SCH
249.4		QTE
250.8		DIA
256.0		QTE

BOREHOLE RECORD

DATE PROCESSED APR 19,1973

CHK'D.....

BOREHOLE#	PROPERTY	NTS#	SH#	ANOM#	DEPTH	AZIMUTH	DIP	LATITUDE	DEPARTURE	ELEVATION	LEVEL
49882-0	SAKAMI PRCJECT	33F 2W			728	180 00	-45 00	N 1020	W 4000		

DATE.....

INCLINATION AND TROPARI TESTS

DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP
100		-45 00	200		-44 00	300		-42 30	400		-42 00	500		-42 00
600		-40 00	700		-38 00									

TOPS OF WEDGES

LOGGED BY..JAMIESON R A STARTED..AUG 25,1972 COMPLETED..SEPT 01,1972

COMMENTS

DRLD INSPIRATION AQ CORE CASING & SHOE LEFT IN HOLE
ZONE #2 PERMIT AREA 548

SAMPLE ENTRIES

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
0.0	0.0				COLLAR	
54.0	54.0				AX CASING START OF CORE SAND & BLDS	
64.4	10.4	FX009333	MVVW	PRDT	ULTA BASIC META IGNEOUS TEXTURE LARG	
					E RELIC GRAINS OLIVINE 1-2 CM IN LEN	
					GTH ALTHOUGH GRAIN SIZE VARIES THROU	
					GHOUT VERY SOFT MTX TALC IS MAJOR CO	
					NSTITUENT OF MTX MT VEINS THROUGHOUT	
					WKLY TO STRONGLY MTC-CALCITE(CARBON	
					ATE) IS COMMON IN VEINS AS WELL BUT	
					IS VERY MINOR AS COMPARED TO TALC &	
					OLIVINE GRAINS	
67.4	3.0	FX009334	MVVW	ARG	DK GY TO GRN MED TO FG PO 1% AMPB F 70	
					SP BICT WKLY FOTD	
					TS-C-72-2820 @ 67.0 FT	
80.0	12.6	FX009335	MVVW	PRDT	AS TO 64.4 TS-C-72-2821 @ 75.0 FT	
					(PERIC)	
95.0	15.0	FX009336	MVVW	PRDT	AS TO 64.4 TS-C-72-2822 @ 95.0 FT	
					(PERIC)	
110.0	15.0	FX009337	MVVW	PRDT	AS TO 64.4	
125.0	15.0	FX009338	MVVW	PRDT	AS TO 64.4 TS-C-72-2823 @ 120.0 FT	
					(PERIC)	
135.0	10.0	FX009339	MVVW	PRDT	AS TO 64.4	
143.5	8.5	FX009340	MVVW	PRDT	AS TO 64.4 WITH QTZ & CALCITE INCLUS	
					IONS OCCASIONALLY THROUGHOUT SHARP	
					CONTACT WITH FOLLOWING CHILL ZONE	
					TS-C-72-2824 @ 140 FT (PERID)	
144.3	0.8	FX009340	MVVW	PRDT	CHILL ZONE FG GY TO MD GRN TRACE PY	
					CONTACT WITH FOLLOWING ARG SHARP 30	
					DEGREE AVGLE	
					TS-C-72-2767 @ 144.0 FT (PERID)	
145.1	0.8			ARG	AS TO 67.4 POSSIBLY MORE BIOT RICH	
152.6	7.5			ARK	MED TO FG WHITE TO DK GY QTZ FSP BIO 75	
					T-LOCAL IMPURITIES SUCH AS AMPB(MINO	
					R) LOC CHERTY AS WELL 151.0-152.0 IN	
					CLUSIONS OR LOC AS TO 150.0 WKLY GNE	
					ISSIC THROUGHOUT VERY MINOR METALLIC	
					MINERAL PRESENT (PBS OR MOSL)	

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
					TS-C-72-2825 @ 146.0 FT	
153.3	0.7			ARG	MG AMPB FSP BIOT SCH DK GRN TO BK PO SSIBLY ARGILLACEOUS GWKE SHARP CONTA CTS WITH ABOVE & FOLLWING ARK	65
153.6	0.3			ARK	AS TO 152.6 MG MED TO DK GY	
154.6	1.0			ARK	AS TO 152.6 MORE CHERTY CREAM COLORE D	
155.6	1.0			ARK	PEBBLY PHENOCRYSTS 3-4 MM IN LENGTH DK GY TO BK	
156.8	1.2			ARK	AS TO 152.6 WELL FOTD SHARP CONTACT WITH FOLLOWING SCH	60
158.1	1.3			SCH	CHL FSP QTZ WELL FOTD MAY BE METAMOR PHOSED MAFIC VOLC WHITEISH GRN MG TO FG LOC QTZ FSP BANDING UPPER & LOWER CONTACTS BOTH SHARP	70
159.2	1.1			ARG	AS TO 153.3 GRADATIONAL CONTACT WITH FOLLOWING MAFIC INTRUSIVE	
160.9	1.7			DIA	DYKE MG MED TO DK GRN IGNEOUS TEXT URE SHARP CONTACT WITH FOLLOWING ARGILLACECUS GWKE	
162.7	1.8			ARG	AS TO 153.3	
167.1	4.4			ARK	AS TO 152.6	
168.5	1.4			ARK	PEBBLY AS TO 155.6	
171.7	3.2			ARK	AS TO 152.6 LOC WHITISH GRN TO BLACK SHARP CONTACT WITH FOLLCWINT QTE (65 DEGREES)	
183.1	11.4			QTE	IMPURE MAFIC DIRTY MG MED TO DK GY VERY WKLY PYRITIC MINOR AMOUNTS CHL WKLY CCNGATIC THRCUGHTOU AS WELL TS-C-72-2826 @ 175.0 FT	
184.1	1.0	FX009341	MVVW	QTE	AS TC 183.1 WKLY CONGATIC PY 1% SPEC TROMETER READINGS FROM 40 TO 50 CPS	
184.6	0.5	FX009342	MVW	QTE	AS TO 183.1 SPECTROMETER READINGS FR OM 50 TO 60 CPS WKLY CONGATIC PY 1%	
185.6	1.0	FX009343	MVVW	CONG	WELL DEFINED NEARLY ROUND QTZ PEBBLE S VERY LITTLE DEFORMATICN BIOT MUCH MORE ABUNDANT THAN ABOVE & IN AREAS COMPLETELY SURRCUNDS QTZ PEBBLES	
186.7	1.1	FX009450	MVVW	CCNG	AS TO 185.6	
189.1	2.4	FX009450	MVVW	QTE	AS TO 183.1 VERY WKLY CONGATIC	
193.0	3.9	FX009450	MVVW	DIA	DYKE PEARLY TEXTURE MED TO DK GR N SHARP CONTACTS WITH ABOVE & FOLLOW ING QTE (90 DEGREES) TS-C-72-2827 @ 190.0 FT (AMPH)	
194.0	1.0	FX009450	MVVW	QTE	AS TO 183.1	
195.0	1.0	FX009344	MVVW	QTE	AS TO 183.1 PY 1%	
195.4	0.4			LC	CAVE	
195.8	0.4	FX009345	MVW	CONG	PEBBLE QTZ PY 2-3% SPECTRCMETER READ INGS FRCM 50 TO 85 CPS AS TO 185.6	
196.6	0.8	FX009346	MVW	CCNG	PEBBLE QTZ PY 3-4% SPECTRCMETER READ INGS FRCM 105 TO 140 CPS AS TO 185.6	
197.0	0.4	FX009347	MVW	CCNG	AS TO 185.6 PY 2-3% SPECTROMETER REA DINGS FROM 75 TO 85 CPS	
197.9	0.9	FX009348	MVW	CCNG	AS TO 185.6 PY 3-5% SPECTROMETER REA DINGS FROM 100 TO 125 CPS	

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
198.2	0.3	FX009349	MVW	CCNG	AS TO 185.6 PY 3-4% SPECTROMETER REA DINGS FROM 60 TO 80 CPS	
201.5	3.3	FX009350	MVVW	CCNG	WKLY AS TO 185.6 PY 1% SPECTROMETER READINGS LESS THAN 50 CPS	
201.6	0.1	FX009351	MVVW	CCNG	AS TO 201.5 SPECTROMETER READINGS FR OM 50 TO 60 CPS TY 1%	
201.9	0.3	FX009352	MVVW	CCNG	AS TO 201.5 SPECTROMETER READINGS LE SS THAN 50 CPS	
202.6	0.7	FX009353	MVW	CCNG	AS TO 185.6 PY 1-2% SPECTROMETER REA DINGS FROM 50 TO 85 CPS	
204.1	1.5	FX009354	MVVW	CCNG	AS TO 185.6 QTZ PEBBLES VARY IN LENG TH FROM 3-4 MM TO 3-4 CM LESS 50 CPS	
209.1	5.0	FX009451	MVVW	CCNG	AS TO 204.1 PY 1% TS-C-72-2828 @ 205.0 FT (CTE)	
210.1	1.0	FX009355	MVVW	CCNG	AS TO 204.1 PY 1% SPECTROMETER READ INGS LESS THAN 50 CPS	
211.2	1.1	FX009356	MVW	CCNG	AS TO 204.1 PY 1-2% SPECTROMETER REA DINGS 50 TO 65 CPS	
211.8	0.6	FX009357	MVW	CCNG	AS TO 204.1 &Y 2-3% SPECTROMETER REA DINGS 80 TO 95 CPS	
212.1	0.3	FX009358	MVW	CCNG	AS TO 204.1 MG QTZ & CHL MTX PY 5% SPECTROMETER READINGS FROM 160 TO 205 CPS	
212.5	0.4	FX009359	MVW	CCNG	AS TO 204.1 & AS TO 212.1 PY 5-8% SP ECTROMETER READINGS FROM 350 TO 460 CPS	
212.7	0.2	FX009360	MVW	CCNG	AS ABOVE PY 2-3% SPECTROMETER READIN GS FROM 160 TO 210	
213.0	0.3	FX009361	MVW	CCNG	AS ABOVE TO 212.5 &Y 1-2% SPECTROMET ER READINGS FROM 100 TO 110 CPS	
213.5	0.5	FX009362	MVW	CCNG	AS TO 212.5 PY 2-3% SPECTROMETER REA DINGS FROM 85 TO 100 CPS	
219.0	5.5	FX009363	MVVW	CCNG	AS TO 212.5 PY 1% SPECTROMETER READ INGS FROM 50 TO 70 CPS LOC SRCC	
220.1	1.1	FX009364	MVW	CCNG	AS TO 212.5 &Y 1% SPECTROMETER READI NGS FROM 50 TO 85 CPS	
221.0	0.9	FX009365	MVW	CCNG	DEFORMATION OF QTZ PEBBLES INCREASES AS TO 212.5 SPECTROMETER READINGS FROM 80 TO 95 CPS PY 1-2%	
221.9	0.9	FX009366	MVW	CCNG	AS TO 212.5 PY 1% SPECTROMETER READI NGS FROM 50 TO 60 CPS MINOR SRCT AS WELL	
222.9	1.0	FX009367	MVVW	CCNG	AS TO 212.5 &Y 1% SPECTROMETER READ INGS LESS THAN 50 CPS	
227.6	4.7	FX009452	MVVW	QTE	LOC PURE MAINLY SRCC&MAFIC MG WHITE TP YELLOW GY	70
235.0	7.4	FX009452	MVVW	QTE	IMPURE MAFIC VERY BIOT RICH WITH OCC ASIONAL BIOTITIC BANDS MG MED TO DK GY LOC SRCC AS WELL OCCASIONAL QTZ PEBBLE PRESENT 1/4 TO 3/4 INCH IN LENGTH PY 1%	
245.5	10.5	FX009453	MVVW	QTE	AS TO 235.0 TS-C-72-2829 @ 245.0 FT	
247.1	1.6	FX009453	MVVW	QTE	IMPURE SRCC & CHLORITIC YELLOW GY TO GRN PY 1%	

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
247.5	0.4	FX009368	MVVW	QTE	AS TO 247.1	
248.1	0.6	FX009368	MVW	CONG	QTZ PEBBLE MAJORITY OF PEBBLES ARE STRAINED ALTHOUGH SOME ARE NEARLY ROUND FROM 1/4 TO 1/2 INCH IN DIAME TER THE MAJORITY OF THE STRAINED PEBBLES ARE PARALLEL TO SCHISTOSITY & ARE 3/4 TO 1 INCH IN LENGTH THERE ARE EXCEPTIONS SOME PEBBLES ARE 2 INCHES IN LENGTH PY 2-3%- 50 CPS	
250.4	2.3	FX009369	MVW	CONG	AS TO 248.1 PY 2% SPECTROMETER READI NGS FROM 50 TO 80 CPS FROM HERE ON S PECTROMETER READINGS WILL BE ENTERED AT END OF DESCRIPTION AS 50 TO 80 CPS FOR EXAMPLE	
251.0	0.6	FX009370	MVVW	CONG	AS TO 248.1 PY 1% 80 TO 90 CPS	
253.2	2.2	FX009371	MVVW	CONG	AS TO 248.1 PY 1% 50 TO 60 CPS	
254.2	1.0	FX009372	MVVW	QTE	MAFICS OCCASIONAL ELONGATED QTZ PEB BLE 50 CPS	
255.1	0.9	FX009454	MVVW	QTE	AS TO 254.2 TS-C-72-2830 @ 255.0 FT	
256.3	1.2	FX009373	MVVW	QTE	AS TO 254.2 PY 1% 50 TO 55 CPS	
256.8	0.5	FX009373	MVVW	CONG	AS TO 248.1 QTZ PEBBLES SMALL BUT ST RAINED 1/4 TO 1/2 INCH COMPRISE 50% OF RK PY 1% 50 TO 60 CPS	
257.7	0.9	FX009373	MVVW	QTE	AS TO 254.2 PY 1% 50 TO 60 CPS	
258.6	0.9	FX009374	MVVW	QTE	AS TO 254.2 &Y 1% 50 CPS	
259.2	0.6	FX009375	MVW	CONG	AS TO 248.1 QTZ PEBBLES 1 TO 1.5 INC HES MOST 1/2 INCH PY 1-2% 50 TO 70 C PS	
262.7	3.5	FX009376	MVVW	QTE	AS TO 254.2 PY 1% PEBBELS COMPRISE 10-15% OF MTX 50 CPS	
263.0	0.3	FX009377	MVVW	QTE	AS TO 262.7 PY 1% 85 TO 190 CPS	
263.6	0.6	FX009377	MVW	CONG	QTZ PEBBLE PY 5-6% SMALL TO LARGE PE BBLES GENERALLY STRAINED TO SOME DEG REE GENERALLY 1 INCH IN LENGTH ALTHO UGH SOME ARE 2 INCHES LONG 85 TO 190 CPS PEBBLES 70 TO 80% OF MTX	
264.4	0.8	FX009378	MVW	CONG	AS TO 263.6 L/ TO 75 CPS	
265.7	1.3	FX009379	MVW	CONG	AS TO 263.6 100 TO 180 CPS	
266.2	0.5	FX009380	MVW	CONG	AS TO 263.6 75 TO 95 CPS	
267.4	1.2	FX009381	MVW	CONG	AS TO 263.6 110 TO 190 CPS	
268.0	0.6	FX009381	MVW	SCH	MAFIC & QTE INCLUSION IN CONG 110 TO 190 CPS PO & PY 2%	
268.2	0.2	FX009382	MVW	CONG	50% QTZ PEBBLES VERY POORLY SORTED I NTERMIXED WITH MAFIC BANDS PY 1-3% 50 TO 60 CPS	
268.6	0.4	FX009382	MVW	CONG	AS TO 268.2 50 CPS	
269.0	0.4	FX009382	MVW	CONG	AS TO 268.2 50 TO 70 CPS	
269.7	0.7	FX009383	MVW	CONG	AS TO 268.2 100 TO 150 CPS	
270.1	0.4	FX009384	MVW	CONG	AS TO 268.2 50 TO 85 CPS	
271.1	1.0	FX009384	MVW	CONG	65% QTZ PEBBLES 35% MTX WELL DEFINED QTZ PEBBLES NEARLY CIRCULAR 1/2 TO 1.5 INCHES IN LENGTH PY 1-2% 50 TO 85 CPS	
272.1	1.0	FX009385	MVVW	CONG	AS TO 271.1 &Y 1% 50 CPS	

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
					TS-C-72-2831 @ 272.0 FT	
274.4	2.3	FX009455	MVVW	CONG	AS TO 271.1 PY 1% 50 CPS	
275.3	0.9	FX009455	MVVW	QTE	MAFIC FEW PEBBLES 1% PY 50 CPS	
277.7	2.4	FX009386	MVW	CONG	QTZ PEBBLE STRETCHED 70% PEBBLES PY 1-2% MED GY TO DK GY MG QTZ PEBBLES VARY IN SIZE FROM 1/4 TO 2 INCHES IN LENGTH 50 TO 70 CPS	
278.1	0.4	FX009386	MVW	CONG	AS TO 277.7 75 TO 85 CPS	
279.1	1.0	FX009386	MVW	CONG	AS TO 277.7 55 TO 60 CPS	
279.4	0.3	FX009386	MVW	CONG	AS TO 272.7 75 TO 90 CPS	
280.7	1.3	FX009386	MVW	CONG	AS TO 277.7 55 TO 65 CPS	
281.8	1.1	FX009387	MVW	CONG	AS TO 277.7 95 TO 130 CPS	
282.6	0.8	FX009456	MVW	CONG	AS TO 277.7 50 CPS	
283.4	0.8	FX009456	MVVW	CONG	QTZ PEBBLES HIGHLY STRAINED & SHEARE D PY 1% PEBBLES COMPRISE 60 TO 70% OF RK 50 CPS	55
292.1	8.7	FX009456	MVVW	SCH	MAFIC META VOLC IGNEOUS TEXTURE MG TO FG DK GY PY & PO 1% 50 CPS TS-C-72-2832 @ 290.0 FT	
292.9	0.8	FX009388	MVW	CONG	HIGHLY STRAINED NARROW ELONGATED PEBBLES PEBBLES ARE 75 TO 80% OF MTX PEBBLES 1.5 INCHES LONG PY 1-2% 120 TO 170 CPS	
293.2	0.3	FX009388	MVW	CONG	AS TO 292.9 PY 1-2% 50 TO 80 CPS	
294.1	0.9	FX009388	MVVW	CONG	WKLY CTE MTX 15 TO 20% PEBBLES SMALL PEBBLES VERY DIFFICULT TO DISTINGUISH PY 1% 50 TO 80 CPS	
294.4	0.3	FX009388	MVVW	CONG	AS TO 294.1 50 CPS	
294.8	0.4	FX009388	MVVW	CONG	AS TO 294.1 65 TO 85 CPS	
296.4	1.6	FX009389	MVW	CONG	QTZ PEBBLE LARGE PEBBLES 1 TO 2 INCHES PY 3-4% 200 TO 400 CPS	
296.9	0.5	FX009390	MVVW	CONG	SMALL PEBBLES 1/4 TO 1/2 INCH IN SIZE WKLY STRETCHED LOC MAFIC PY 1% 60 TO 70% PEBBLES 75 TO 95 CPS	
297.6	0.7	FX009390	MVVW	CONG	LARGE QTZ PEBBLES 1 TO 1.5 INCHES LONG 70% PEBBLES LOC MAFIC PY 1% 100 TO 140 CPS	
298.1	0.5	FX009390	MVVW	CONG	AS TO 297.6 55 TO 95 CPS	
300.1	2.0	FX009457	MVW	CONG	AS TO 297.6 50% PEBBLES PO 1-2% TRACE CP 50 CPS	
302.0	1.9	FX009391	MVW	CONG	AS TO 300.1 50 TO 80 CPS	
302.4	0.4	FX009391	MVVW	QTZ	VEIN	
302.8	0.4	FX009391	MVW	CONG	STRAINED PEBBLES BOTH LARGE & SMALL 1/2 TO 2 INCHES 80% PEBBLES DR GY TO LT GRN PY 1-2% 50 TO 80 CPS	50
304.1	1.3	FX009392	MVVW	CONG	AS TO 302.8 PY 1% 90 TO 120 CPS	
305.3	1.2	FX009393	MVVW	CONG	AS TO 304.1 140 TO 230 CPS	
306.7	1.4	FX009394	MVVW	CONG	AS TO 304.1 70 TO 120 CPS	
308.1	1.4	FX009395	MVVW	CONG	AS TO 304.1 150 TO 380 CPS	
308.6	0.5	FX009396	MVVW	CONG	AS TO 304.1 100 TO 165 CPS	
310.4	1.8	FX009397	MVVW	CONG	AS TO 304.1 200 TO 380 CPS	
311.4	1.0	FX009398	MVW	CONG	MORE MASSIVE PEBBLES BETTER DEFINED PY 1-2% FROM1/2 TO 1.25 INCHES IN LENGTH 70% OF MTX 70 TO 150 CPS	
312.2	0.8	FX009399	MVW	CONG	AS TO 311.4 190 TO 235 CPS	

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
312.8	0.6	FX009400	MVW	CCNG	AS TO 311.4 110 TO 150 CPS	
313.3	0.5	FX009447	MVW	CCNG	AS TO 311.4 180 TO 250 CPS	
313.9	0.6	FX009448	MVW	CCNG	AS TO 311.4 50 TO 150 CPS	
316.0	2.1	FX009449	MVW	CCNG	AS TO 311.4 50 CPS	
					TS-C-72-2833 @ 315.0 FT (QTE)	
316.4	0.4	FX009449	MVW	QTE	MAFIC OCCASIONAL PEBBLES 15% OF MTX	50
					PY 1% PEBBLES ARE 1.5 INCHES IN	
					SIZE 50 TO 55 CPS	
325.8	9.4	FX009458	MVW	QTE	AS TO 316.4 50 CPS	
340.8	15.0	FX009459	MVW	DIA	DYKE DK GRN MG PEARLY TEXTURE LO	
					C BOTITIC OCCASIONALLY INTRUDED BY	
					QTZ VEIN MVW PO & CP(TRACE) WKLY M	
					TO LOC MVW(1-2%) MED TO SHARP CONTAC	
					T WITH ABOVE QTE	
355.8	15.0	FX009460	MVW	DIA	DYKE AS TO 340.8	
370.8	15.0	FX009461	MVW	DIA	DYKE AS TO 340.8	
378.5	7.7	FX009462	MVW	DIA	DYKE AS TO 340.8 MORE BIOT RICH	
379.1	0.6	FX009462	MVW	ARK	INCLUSION	
379.7	0.6	FX009462	MVW	BCDK	CHILL ZONE OF MAFIC DYKE SHARP CONTA	
					CT WITH FOLLOWING ARK	
396.1	16.4			ARK	PEBBLY MG MED GY PEBBLES ARE WHITE W	55
					KLY FOTO QTZ FSP BIOT	
					TS-C-72-2834 @ 390.0 FT (PRPC RHY)	
397.2	1.1			ARK	ARGILLACEOUS MED TO FG MED TO DK GY	
					FOTO FSP BIOT QTZ (50 TO 60 DEGREES)	
474.0	76.8			AMPH	MAFIC GARNETIFEROUS SCH MED TO CG ME	
					D GRN TO DK GN ALTHOUGH SOME ZONES	
					ARE GY(MORE SLCS) TO WHITE WKLY PEAR	
					LY TEXTURE WELL FOTD IN AREAS AMPB	
					BIOT GAR MINOR FSP PO & TRACE PY 1%	
					SHARP CONTACTS WITH ABOVE ARK & FOL	
					LOWING QTE CG GARS METAMORPHOSED GAB	
					BRO	
					397.2 TO 430.1 MAFIC ZONE	
					430.1 TO 437.7 SLCS ZONE	
					TS-C-2835 @ 422.5 FT	
					437.7 TO 445.4 MAFIC ZONE	
					445.4 TO 449.0 SLCS GAR RICH AT 447	
					449.0 TO 450.3 MAFIC ZONE	
					TS-C-72-2836 @ 447.0 FT / TS-C-72-	
					2837 @ 450.0 FT	
					450.3 TO 461.0 SLCS ZONE	
					461.0 TO 474.0 MAFIC ZONE SHARP CONT	
					ACT WITH FOLLOWING QTE	
485.3	11.3			QTE	IMPURE SRCC & MAFIC WHITISH GY TO YE	50
					LLOWISH GY MG WELL FOTD SHARP CONTC	
					T WITH FOLLOWING ARK(80 DEGREES)	
500.2	14.9			ARK	PEBBLY AS TO 396.1 APPEARS TO CONTAI	60
					N GR INCLUSIONS PY 1% WKLY FOTD	
507.2	7.0			BCDK	MAFIC DYKE INCLUSIONS ARK NEAR TOP S	
					HARD CONTACTS TOP & BOTTOM(70 TO 75D	
					EGREES)	
511.4	4.2			QTE	AS TO 485.3	50
511.6	0.2			BCDK	MAFIC ENAC 1% PY	
513.4	1.8			QTE	AS TO 485.3	

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
516.2	2.8			ARK	AS TO 397.2 SHARP CONTACTS WITH ABOV E QTE & FOLLOWING PEBBLY ARK	
524.0	7.8			ARK	PEBBLY AS TO 396.1	
					TS-C-72-2838 @ 520.0 FT RHY (PORPH)	
527.4	3.4			CONG	QTZ PEBBLE HIGHLY SHEARED & STRETCHE D PEBBLES BIOT & AMPB MG DK GY TO GR N PY 1% WKLY ABOVE BACKGROUND COUNT 20-25 CPS	
547.5	20.1			ARK	PEBBLY AS TO 396.1 GRADATIONAL CONTA CT WITH FOLLOWING DIA	
					TS-C-72-2839 @ 540.0 FT RHY (PORPH)	
578.4	30.9			BCDK	MAFIC DYKE TYPICAL OF ABOVE MAFIC DY KES	
588.7	10.3			QTE	LOF SRCC & MAFIC & CHLORITIC PEBBLES LOC PY 1%	50
					TS-C-72-2840 @ 585.0 FT	
590.0	1.3			LC	CAVE	
608.3	18.3			QTE	LOC PURE & IMPURE SRCC & MAFIC MG ME D TO DK GY GRN WELL FOTD WKLY CONGAT IC	50
611.4	3.1			SCH	BIOT QTZ FSP CHL LOC VERY BIOT RICH MG DK GY TO GRN COULD BE COMBINATION OF INCLUDED MAFIC DYKES & QTE	
616.9	5.5			QTE	AS TO 608.3 GRADATIONAL CONTACTS WIT H ABOVE SCH & FOLLOWING MAFIC	50
622.3	5.4			BCDK	MAFIC GYKE VERY HIGHLY METAMORPHOSED & BIOT RICH INCLUSION ARK 621.2 TO 621.5 MED TO CG DK GRN TO BRWNISH BK	
625.4	3.1			SRPT	MED TC CG MED TO DK GRN SHARP CONTAC T WITH ABOVE DYKE	
					TS-C-72-2841 @ 624.0 FT	
641.8	16.4			VOLC	INTERMEDIATE MED TO FG MED TO DK GY GRN LCC BIOT RICH FSP PRXN	
					TS-C-72-2842 @ 638.0 FT (META PERID)	
647.2	5.4			DIA	MAFIC DYKE DIA AS PREVIOUSLY ENTERED GRADATICNAL CONTACT WITH ABOVE VOLC SHARP CONTACT WITH FOLLOWING FG MAF IC INTRUSIVE MG DK GY TO GRN AMPB FS P BIOT WELL FOTD	50
649.1	1.9			DIA	FG MAFIC DYKE INTRUDING MG DIA DYKE DK GRN TO BK FG AMPB WITH MINOR BIOT	
					TS-C-72-2843 @ 648.0 FT (AMPH)	
650.2	1.1			DIA	AS TC 647.2 MG PEARLY TEXTURE	
					TS-C-72-2844 @ 650.0 (AMPH)	
662.6	12.4			DIA	AS TO 649.1	
663.3	0.7			DIA	AS TO 647.2	
664.4	1.1			DIA	AS TO 649.1	
670.3	5.9			DIA	AS TO 647.2	
672.2	1.9			DIA	AS TO 649.1	
687.5	15.3			DIA	AS TO 647.2 OCCASIONALLY CUT BY 1 & 2 INCH FG MAFIC DYKES	
688.6	1.1			DIA	AS TO 649.1 CUT BY 1/2 INCH QTZ VEIN TRACE CP 1%	
698.8	10.2			DIA	AS TO 647.2	55
704.9	6.1			DIA	AS TO 649.1 OCCASIONAL INCLUSION OR	

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
728.0	23.1			DIA	DYKE OF MG DIA AS TO 647.2 FOOT OF HOLE	

ASSAYS OF THE FOLLOWING ELEMENTS WERE REQUESTED FOR THIS HOLE.....CU, NI, ZN, PM, U

FOR THIS HOLE, ASSAYS OF THE FOLLOWING ELEMENTS HAVE BEEN RECEIVED..CO, CU, FE, NI, S , SG, ZN, AU, OP, PD, PT, TH, U , AG, PB, MG

BOREHOLE SUMMARY
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FOOTAGE	MNZN	ROCK
54.0		
64.4	MVVW	PRDT
67.4	MVVW	ARG
144.3	MVVW	PRDT
145.1		ARG
152.6		ARK
153.3		ARG
156.8		ARK
158.1		SCH
159.2		ARG
160.9		DIA
162.7		ARG
171.7		ARK
183.1		QTE
184.1	MVVW	QTE
184.6	MVW	QTE
186.7	MVVW	CONG
189.1	MVVW	QTE
193.0	MVVW	DIA
195.0	MVVW	QTE
195.4		LC
198.2	MVW	CONG
201.9	MVVW	CONG
202.6	MVW	CONG
210.1	MVVW	CONG
213.5	MVW	CONG
219.0	MVVW	CONG
221.9	MVW	CONG
222.9	MVVW	CONG
247.5	MVVW	QTE
250.4	MVW	CONG
253.2	MVVW	CONG
256.3	MVVW	QTE
256.8	MVVW	CONG
258.6	MVVW	QTE
259.2	MVW	CONG
263.0	MVVW	QTE
267.4	MVW	CONG

268.0	MVW	SCH
271.1	MVW	CONG
274.4	MVVW	CONG
275.3	MVVW	QTE
282.6	MVW	CONG
283.4	MVVW	CONG
292.1	MVVW	SCH
293.2	MVW	CONG
294.8	MVVW	CONG
296.4	MVW	CONG
298.1	MVVW	CONG
302.0	MVW	CONG
302.4	MVVW	QTZ
302.8	MVW	CONG
310.4	MVVW	CONG
316.0	MVW	CONG
325.8	MVVW	QTE
378.5	MVVW	DIA
379.1	MVVW	ARK
379.7	MVVW	BCDK
397.2		ARK
474.0		AMPH
485.3		QTE
500.2		ARK
507.2		BCDK
511.4		QTE
511.6		BCDK
513.4		QTE
524.0		ARK
527.4		CONG
547.5		ARK
578.4		BCDK
588.7		QTE
590.0		LC
608.3		QTE
611.4		SCH
616.9		QTE
622.3		BCDK
625.4		SRPT
641.8		VOLC
728.0		DIA

BOREHOLE RECORD

DATE PROCESSED APR 19,1973

CHK'D.....

BOREHOLE#	PROPERTY	NTS#	SH#	ANOM#	DEPTH	AZIMUTH	DIP	LATITUDE	DEPARTURE	ELEVATION	LEVEL
49884-0	SAKAMI PROJECT	33F 9W		22	165	180 00	-45 00	S 165	E 800		

DATE.....

INCLINATION AND TROPARI TESTS

DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP

TOPS OF WEDGES

COMMENTS

LOGGED BY..JAMIESON R A STARTED..AUG 29,1972 COMPLETED..SEPT 01,1972 DRLD CANICO WINKIE IEX P JEANSON PERMIT AREA 551

SAMPLE ENTRIES

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
0.0	0.0				COLLAR	
52.0	52.0				EW CASING START OF CORE GRAVEL & BOULDERS	
58.1	6.1			SCH	AMPB BIOT FSP MTSD(GWKE) MG DK GRN TO BK LOC GARNETIFEROUS	70
					TS-C-72-2908 @ 55.0 FT (AMPH)	
60.0	1.9			VEIN	QTZ	
76.5	16.5			SCH	AS TO 58.1 PY 1%	
81.5	5.0	FX009479	MVW	SCH	AS TO 76.5 LOC GARNETIFEROUS PO STRS 1-2%	70
86.5	5.0	FX009480	MVW	SCH	AS TO 81.5 OCCASIONALLY MORE QTZ VEINING PO 2-4%	65
88.8	2.3	FX009481	MW	SCH	SLCS GRPC HIGHLY FOLDED & CONTORTED PO 15 TO 20% SCHISTOSITY VARIES OCCASIONAL QTE INCLUSIONS FG VERY CONDUCTIVE & MTC	
89.9	1.1	FX009482	MVVW	SCH	BIOT AMPB FSP SHARP CONTACT WITH ABOVE CONDUCTOR MG DK GY GRN	
90.7	0.8	FX009482	MVVW	ARK	PEBBLY MG DK GY POSSIBLE CRYSTALLINE TUFF SHARP CONTACTS BOTH SIDES	
94.8	4.1	FX009482	MVVW	SCH	AS TO 89.9	
97.0	2.2	FX009482	MVW	ARK	AS TO 90.7 PO 1-2%	
98.0	1.0	FX009482	MVVW	SCH	AS TO 89.9	
98.7	0.7	FX009483	MW	SCH	AS TO 88.8 PI 15-20% HIGHLY CONTORTED & FOLDED	
103.7	5.0	FX009484	MVVW	SCH	AS TO 89.9	60
115.0	11.3			SCH	AS TO 89.9	
125.8	10.8			SCH	AS BH 49885 @ 61.5 SAME RK TYPE RHY QTZ FSP BIOT META ARK(IMPURE) MED TO MAINLY FG BRWNISH GY INCOLOR CUT THROUGHOUT BY QTZ & CALCITE VEINS QTZ 1/2 FSP BANDING AS WELL WELL FOTD OCCASIONAL PHCR FSP FOTN VARIES 60 TO 70 DEGREES	
129.0	3.2			SCH	AS TO 125.8 MORE MASSIVE QTZ & CALCITE VEINING	
146.7	17.7			SCH	AS TO 125.8	
151.7	5.0	FX009485	MVVW	SCH	AS TO 125.8	
153.3	1.6	FX009486	MVVW	IF	SLCS BANDED MT SLCS SCH MT 10-15% PO	

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
					1% VERY MTC	
158.3	5.0	FX009487	MVVW	SCH	AS TC 125.8	
165.0	6.7			SCH	AS TO 125.8 FOOT OF HOLE	

CONDUCTOR FROM 86.5 TO 88.8
98.0 TO 98.7
151.7 TO 153.3

ASSAYS OF THE FOLLOWING ELEMENTS WERE REQUESTED FOR THIS HOLE.....CU, NI, ZN, PM

FOR THIS HOLE, ASSAYS OF THE FOLLOWING ELEMENTS HAVE BEEN RECEIVED..AU, CO, CU, FE, NI, OP, PD, PT, S , SG, ZN

BOREHOLE SUMMARY
****

FOOTAGE	MNZN	ROCK
52.0		
58.1		SCH
60.0		VEIN
76.5		SCH
86.5	MVW	SCH
88.8	MW	SCH
89.9	MVVW	SCH
90.7	MVVW	ARK
94.8	MVVW	SCH
97.0	MVW	ARK
98.0	MVVW	SCH
98.7	MW	SCH
103.7	MVVW	SCH
146.7		SCH
151.7	MVVW	SCH
153.3	MVVW	IF
158.3	MVVW	SCH
165.0		SCH

BOREHOLE RECORD

DATE PROCESSED APR 19,1973

CHK'D.....

BOREHOLE#	PROPERTY	NTS#	SH#	ANOM#	DEPTH	AZIMUTH	DIP	LATITUDE	DEPARTURE	ELEVATION	LEVEL	DATE
49885-0	SAKAMI PROJECT	33F 9W		22	187	180 00	-45 00	N 220	E 1600			

INCLINATION AND TROPARI TESTS

DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP

TOPS OF WEDGES

LOGGED BY..JAMIESON R A STARTED..AUG 29,1972 COMPLETED..SEPT 02,1972

COMMENTS

DRLD CANICC WINKIE EXT T WAKEGIJIG 20 FT EW CASING & SHOE #791 LOST IN HOLE PERMIT AREA 551

SAMPLE ENTRIES

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
0.0	0.0				COLLAR	
46.0	46.0				EW CASING START OF CORE GRAVEL & BOULDERS	
61.5	15.5			SCH	QTZ FSP BIOT META ARK(IMPURE) MED TO 65 MAINLY FG BRWNISH GY IN COLOR CUT THROUGHOUT BY QTZ & CALCITE VEINS QTZ & FSP BANDING AS WELL WELL FOTD OCCASIONAL PHCR FSP FOTN VARIES 60 TO 70 DEGREES TS-C-72-2906 @ 55.0 FT RHYODACITE	
62.1	0.6			QTE	INCLUSION CONTACTS CONFORMABLE BUT GRADATIONAL PO 1% DIRTY QTE OCCASIONAL MAFIC PRESENT	
100.1	38.0			SCH	AS TO 61.5 INTERBEDDED THROUGHOUT WITH A SOFT BRWNISH GY MUDSTONE WELL FOTD AS WELL BEDS ARE CLEARLY DEFINED THROUGHOUT TS-C-72-2907 @ 76.0 FT ARGILLITE	
100.6	0.5			SCH	AS TO 61.5 MORE MASS BIOT ZONE	
104.3	3.7			SCH	AS TO 61.5 EVIDENCE OF FOLDING AT 10 90 0.0 HEAVY QTZ & CALCITE VEINING	
108.3	4.0			SCH	AS TO 100.6	
133.8	25.5			SCH	AS TO 61.5	
136.3	2.5	FX009471	MVVW	SCH	AS TO 61.5 OCCASIONAL TRACES PO & GRPH AT 131.6	
138.8	2.5	FX009471	MVVW	SCH	AMPB FSP BIOT GY TO BRWNISH GY MG TO FG FOTD SHARP CONTACT WITH ABOVE SCH & FOLLOWING GRPC SCH	
139.9	1.1	FX009472	MVW	SCH	GRPC SLCS FG BK PO 5-8% WKLY MTC SKLY CONDUCTIVE FOLDED THROUGHOUT	
145.7	5.8	FX009473	MVW	SCH	AS TO 138.8 MORE QTZ & CALCITE VEINING BETTER FOTD VERY WKLY MTC PO 1-3%	
148.6	2.9	FX009474	MVW	SCH	INTERMIXING OF GRPC SLCS SCH & SCH AS TO 138.8FOLDED IN ZONES VERY WKLY CONDUCTIVE & WKLY MTC PO 2-4%	
152.4	3.8	FX009475	MVVW	SCH	AS TO 61.5	
152.6	0.2	FX009476	MVW	SCH	AS TO 139.9 PY 2-3% PO 1-2%	
154.0	1.4			LC	CAVE	

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
156.8	2.8	FX009476	MVW	SCH	AS TO 148.6 PO 1%	
157.5	0.7			CAVE	LOST CORE	
164.0	6.5	FX009476	MVW	SCH	AS TO 148.6 PO 8-9% MINOR GRPH	
169.0	5.0	FX009477	MVVW	SCH	AS TO 61.5	
183.2	14.2			SCH	AS TO 61.5	
183.4	0.2	FX009478	MVW	SCH	AS TO 139.9 PO 5%	
184.1	0.7	FX009478	MVW	SCH	AS TO 145.7 PO 1%	70
186.7	2.6	FX009478	MVW	SCH	AS TO 139.9 PO 10%	
187.0	0.3			SCH	AS TO 61.5 FOOT OF HOLE	

CONDUCTOR FROM 138.8 TO 139.9
145.7 TO 148.6
152.6 TO 164.0
183.2 TO 183.4
184.1 TO 186.7

ASSAYS OF THE FOLLOWING ELEMENTS WERE REQUESTED FOR THIS HOLE.....CU, NI, ZN, PM

FOR THIS HOLE, ASSAYS OF THE FOLLOWING ELEMENTS HAVE BEEN RECEIVED..AU, CO, CU, FE, NI, OP, PD, PT, S , SG, ZN

BOREHOLE SUMMARY
****

FOOTAGE	MNZN	ROCK
46.0		
61.5		SCH
62.1		QTE
133.8		SCH
138.8	MVVW	SCH
148.6	MVW	SCH
152.4	MVVW	SCH
152.6	MVW	SCH
154.0		LC
156.8	MVW	SCH
157.5		CAVE
164.0	MVW	SCH
169.0	MVVW	SCH
183.2		SCH
186.7	MVW	SCH
187.0		SCH

BOREHOLE RECORD
****

DATE PROCESSED APR 19,1973

CHK'D.....

BOREHOLE#	PROPERTY	NTS#	SH#	ANOM#	DEPTH	AZIMUTH	DIP	LATITUDE	DEPARTURE	ELEVATION	LEVEL
49887-0	SAKAMI PROJECT	33F 2W			1049	180 00	-45 00	N 1680	W 6680		DATE.....

INCLINATION AND TROPARI TESTS

DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP
100		-46 30	200		-43 30	300		-41 30	400		-40 00	500		-33 00
600		-30 00	700		-23 00	800		-18 30	900		-15 30	1000		-15 30

TOPS OF WEDGES

LOGGED BY..JAMIESON R A STARTED..SEPT 03,1972 COMPLETED..SEPT 11,1972

COMMENTS

DRLD INSPIRATION AQ CORE CASING & SHOE LEFT IN HOLE
PERMIT AREA #548 ZONE 2

SAMPLE ENTRIES

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
0.0	0.0				COLLAR	
13.0	13.0				AX CASING START OF CORE SAND	
21.3	8.3			QTE	IMPURE DIRTY MG MED GY TO LOC GRNISH	
					-QTZ CHL BIOT MINOR FIBROUS AMPB	
28.1	6.8			QTE	AS TO 21.3 BUT LESS BIOT & CHL MG WH	
					ITISH TO MED GY	
28.3	0.2			QTE	LOC CHL BIOT AMPB RICH GRN TO BRWN	
					TO WHITISH GY	
45.0	16.7			QTE	IMPURE FG WHITISH TO GY LOC CONGATIC	
					AS TO 28.1-1 INCH STRAINED QTZ PEBB	
					LES SCHISTOSITY WK & VARIES CONSIDER	
					ABLY LOC MAFIC BANDS	
45.6	0.6			DIA	INCLUSION OF MAFIC DYKE IN QTE DK BR	
					UNISH GRN TO BK BIOT AMPB	
46.5	0.9			QTE	AS TO 45.0	
48.6	2.1			DIA	MAFIC DYKE FG DK GRN TO BK SHARP CON	45
					TACTS BOTH SIDES WITH QTE(65 DEGREES	
					) FOTD LOC CUT BY QTZ & CAL VEINS BI	
					OT AMPB FSP	
52.7	4.1			QTE	AS TO 45.0 LOC BIOTITIC & CHLORITIC	
53.1	0.4			QTE	AS TO 45.0 MASS CHLORITIC BAND GRN T	
					TO GY	
53.8	0.7			QTE	AS TO 52.7	
54.1	0.3			SKN	DIOPSIDE BOTTLE GRN CALCAREOUS	
56.0	1.9			QTE	IMPURE MAFIC MG MED TO DK GY MAFIC C	
					ONTENT INCREASES AT BOTTOM TOWARDS C	
					ONTACT WITH QTZ VEIN SHARP 90 DEGREE	
					CONTACT AT 56.6	
56.6	0.6	FX009488	MVVW	QTE	AS TO 56.0	
57.3	0.7	FX009488	MVVW	QTZ	VEIN	
61.0	3.7	FX009488	MVVW	QTE	AS TO 56.0	
63.6	2.6	FX009489	MVVW	CONG	QTZ PEBBLE CLOSELY PACKED PEBBLES FR	
					OM .25 TO 2.25 INCHES IN LENGTH PEBB	
					LES ACCOUTN FOR 60% OF MTX THROUGHOU	
					T EXCEPT AT 64.2 TO 64.4 WHICH IS 90	
					% PEBBLES PEBBLES ARE STRAINED PY	
					1% TRACE MOSZ SHARP DEFINABLE CONTA	

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
					CT WITH FOLLOWING QTE	
64.5	0.9	FX009490	MVVW	CONG	AS TO 63.6	
65.8	1.3	FX009491	MVVW	QTE	AS TO 56.0 PY 1%	
67.1	1.3	FX009491	MVVW	CONG	QTZ PEBBLE AS TO 64.5 LOC CONTAINS 1 TO 2 INCH BANDS MAFICS PY 1% ALSO LARGE 2 TO 3 INCH STRAINED QTZ PEBBLES AT 66.0	
67.7	0.6	FX009492	MVVW	CONG	AS TO 67.1 POSSIBLY SLLY MORE PY	
72.2	4.5	FX009493	MVVW	QTE	IMPURE MAFIC AS TO 56.0 SHARP CONTACT WITH FOLLOWING MAFIC(45 DEGREES)	
72.7	0.5	FX009493	MVVW	DIA	MAFIC INTRUSIVE LOC PO PY 1% LOC BIOT	
75.4	2.7	FX011490	MVVW	DIA	AS TO 72.7 SHARP 90DEGREE CONTACT WITH FOLLOWING QTE	
79.3	3.9	FX011490	MVVW	QTE	IMPURE MAFIC AS TO 56.0 LOC CONGATIC	
83.4	4.1	FX009494	MVVW	QTE	AS TO 79.3	
84.3	0.9	FX009494	MVVW	CONG	QTZ PEBBLE DRITY CHL BIOT SMALL PEBBLES .25 TO .5 INCH IN SIZE 60 TO 70 % OF MTX PY 1%	
84.9	0.6	FX009495	MVVW	CONG	AS TO 84.3	
85.8	0.9	FX009496	MVVW	QTE	AS TO 56.0	
91.3	5.5	FX009496	MVVW	ARK	FG IMPURE LOC MAFIC WELL FOTD LOC FO LDED	65
93.4	2.1	FX009497	MVW	CONG	AS TO 84.3 DIRTY PACKING INTENSE IN RADIOMETRIC ZONES-1 TO 1.5 INCH PEBBLES PC & PY 1%	
94.9	1.5	FX009498	MVW	CONG	AS TO 93.4	
95.6	0.7	FX009499	MVW	CONG	AS TO 93.4	
96.4	0.8	FX009500	MVW	CONG	AS TO 93.4	
97.6	1.2	FX011467	MVW	CONG	AS TO 93.4	
101.4	3.8	FX011467	MVVW	DIA	MAFIC INTRUSIVE DK GRN TO BK MG AMPB BIOT FSP LOC INTRUDED BY 1 INCH QTZ & CALC VEINS	60
115.2	13.8			DIA	AS TO 101.4 QTE INCLUSION FROM 112.3 TO 113.4	
125.0	9.8			QTE	AS TO 56.0 LOC PEBBLY FOTD LOCAL MAFIC INCLUSIONS WHICH ARE PO BEARING 1-2% LOC CUT BY 2 TO 3 INCH QTZ VEINS	
131.0	6.0			QTE	AS TO 56.0 CHL AMPB BIOT (MINOR)	
131.8	0.8			QTZ	VEIN	
146.1	14.3			QTE	AS TO 131.0 LOC CONGATIC	
146.6	0.5			DIA	NARROW MAFIC DYKE WELL FOTD 1 TO 2 INCH GRADATIONAL CONTACT WITH ABOVE QTE & SHARP CONTACT AT BOTTOM (60 DEGREES)	60
155.3	8.7			QTE	AS TO 56.0	
155.7	0.4			CONG	AS TO 67.1-50 TO 60 % PEBBLES	
159.8	4.1			ARK	CHERTY FG WITISH TO CREAM GY PY 1% WELL FOTD MAFIC BANDS LOC THROUGHOUT	55
163.6	3.8			QTE	AS TO 56.0	
164.1	0.5			CONG	AS TO 67.1 PY 2-3% ELONGATED & STRETCHED PEBBLES LOC MAFIC AS WELL 1 TO 2 INCH PEBBLES 70% PEBBLES	
166.0	1.9			ARK	AS TO 159.8	

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
176.0	10.0			QTE	DIRTY LCC CONGATIC AT 170.2 TO 171.1 FOTD CHL AMPB	50
176.5	0.5			GWKE	ARGILLACEOUS BRWNISH GY SHARP CONTAC TS BOTH SIDES(70 DEGREES) BIOT AMPB FSP	65
182.1	5.6			QTE	AS TO 131.0 LOC CONGATIC AT 177.4 TO 178.3 SMALL PEBBLES & VERY CLOSELY PACKED	40
182.6	0.5			QTZ	VEIN	
199.4	16.8			QTE	AS TO 182.1 QTZ VEIN 195.5 TO 197.5 LOC CONGATIC VERY CHL & BIOT RICH PE BBLES ARE 1 TO 2 INCHES LONG & ARE VERY NARROW SURROUNDED BY CHL & BIOT 10 TO 15 % PEBBLES	
201.4	2.0			CONG	QTZ PEBBLES .5 TO 2 INCH PEBBLES PEB BLES PARALLEL SCHISTOSITY PY 1% PEB BLES ARE 70 TO 80% OF MTX CHL & BIOT PRESENT AS WELL	50
206.4	5.0	FX011468	MVVW	CONG	AS TO 201.4	
208.7	2.3	FX011469	MVW	CONG	AS TO 201.4 PY 2%	
214.1	5.4	FX011470	MVW	CONG	AS TO 201.4 PY 1-2%	
216.2	2.1	FX011471	MVW	CONG	AS TO 201.4 PY 2%	
218.0	1.8	FX011472	MVW	CONG	AS TO 201.4 PY 1% QTZ VEIN 216.4 TO 217.4 PEBBLES BECOME LESS DEFORMED HERE	
221.2	3.2	FX011472	MVW	QTE	SRCC MG YELLOWISH TO MED GY LOC CONG ATIC WELL FOTD PY 1% LCC MAFIC BANDS AS WELL	45
227.0	5.8	FX011491	MVW	QTE	AS TO 221.2	
228.7	1.7	FX011491	MVVW	QTE	IMPURE LOC SRCC & MAFIC MG DK GY TO GRN TC LOC YELLOWISH IN ZONES PY 1% LOC INTRUDED BY 1 TO 3 INCH QTZ VEINS	
233.3	4.6	FX011473	MVVW	QTE	AS TO 228.7	
233.7	0.4	FX011473	MVW	CONG	QTZ PEBBLE 60% PEBBLES PY 1% PEBBLES .5 TO 1 INCH IN SIZE	
235.1	1.4	FX011474	MVW	CONG	AS TC 233.7 7 PY 2-3%	
236.3	1.2	FX011475	MVW	CONG	AS TC 233.7 QTZ VEINING 235.7 TO 236 .1 PY 1%	
237.8	1.5	FX011476	MVW	CONG	AS TO 233.7 PY 2-3% LARGE 2 INCH STR AINED PEBBLES	
241.5	3.7	FX011477	MVW	CONG	QTZ PEBBLE 40% PEBBLES INTERBEDDED W ITH QTE PY 1% CONGATIC ZONES ARE DEF INITELY RADIOMETRIC WITH INTERVENING ZONES QTE	
244.1	2.6	FX011478	MVW	CONG	AS TC 241.5	
246.6	2.5	FX011479	MVW	CONG	AS TO 241.5	
247.8	1.2	FX011479	MVVW	QTE	AS TO 233.3	
249.1	1.3	FX011479	MVVW	GWKE	FG BIOT FSP QTZ MED TO DK GY SHARP 45 DEGREE CONTACTS BOTH SIDES	
250.6	1.5	FX011480	MVVW	GWKE	AS TC 249.1	54
252.4	1.8	FX011480	MVW	CONG	QTZ PEBBLE THROUGHOUT TO 271.8 SRCC QTE FROM 260.3 TO 262.0 TYPICAL CONG .5 TO 1.5 INCH PEBBLES CONG LOC IMP URE AS WELL 70% PEBBLES PY 1-2% LOC	

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
					2-3% BECOMES CHLORITIC NEAR CONTACT WITH FOLLOWING MAFIC	
253.2	0.8	FX011481	MVW	CONG	AS TO 252.4	
256.3	3.1	FX011482	MVW	CONG	AS TO 252.4	
259.3	3.0	FX011483	MVW	CONG	AS TO 252.4	
262.4	3.1	FX011484	MVW	CONG	AS TO 252.4	
263.4	1.0	FX011485	MVW	CONG	AS TO 252.4	
268.5	5.1	FX011486	MVW	CONG	AS TO 252.4	
271.5	3.0	FX011487	MVW	CONG	AS TO 252.4	
271.8	0.3	FX011488	MVW	CONG	AS TO 252.4	
272.1	0.3	FX011488	MVVW	DIA	MAFIC SOFT SHEARED DK GRN TO BK FG	
277.1	5.0	FX011489	MVVW	DIA	MAFIC DK GRN MG LOCAL INCLUSIONS QTE SAME RK TYPE AS ABOVE SHEARED ZONE	
278.9	1.8			DIA	AS TO 277.1	
279.9	1.0			QTZ	VEIN	
283.2	3.3			DIA	AS TO 278.9 LOC FG DK GRN TO BK ACTI NOLITE 1 TO 2 IN CH GRADATIONAL CONT ACT WITH FOLLOWING MAFIC QTE	
284.5	1.3			QTE	MAFIC MG DK GY TO LOC GRN LOC CHLORI TIC	
285.7	1.2			QTE	IMPURE LOC CONGATIC MAFIC & CHL MG G RADATIONAL CONTACT WITH FOLLOWING AR K	
303.3	17.6			ARK	FG QTZ FSP BIOT MED TO DK GY MINOR M USCOVITE WKLY FOTD & FOTN VARIES FRO M 55 TO AS HIGH AS 70 DEGREES	
325.2	21.9			QTE	LOC SRCC MAFIC CHLORITIC LOC CONGATI C 1 TO 2 INCH SIRAINED PEBBLES EVIDE NCE OF FOLDING APPEARS TO BE NOSE OF FOLD PY INCREASES IN FOLDED ZONE 1 2% LESS THAN 10% PEBBLES FOTN 5 DEG	
341.9	16.7			QTE	AS TO 325.2 STILL FOLDED HERE	
343.3	1.4			GWKE	ARKOSIC LCC LARGE GARS SHARP CONTACT S WITH ABOVE & FOLLOWING QTES MED TO FG DK GY WELL FOTD PY 1% IN STRS	
356.2	12.9			QTE	AS TO 325.2 END OF MORE INTENSELY FO LDED AREA FOTN 5 20 DEGREES	20
364.7	8.5			QTE	AS TO 325.2 ONLY SLLY FOLDED LOC CON GATIC	
365.8	1.1			DIA	MAFIC INTRUSIVE DK GRN ETC SHARP CON TACTS BOTH SIDES WITH QTE	
379.3	13.5			QTE	AS TO 364.7 END OF FOLDED SEQUENCE	
385.6	6.3			QTE	IMPURE SRCC MG LOCAL MAFIC BANDS & L OC PEBBLY 2 INCH STRETCHED PEBBLES Y ELLOWISH TO MED GY	40
387.6	2.0			QTE	IMPURE MAFIC DK GY LOC SRCC MG LOC T RACE PY 1%	
388.9	1.3			QTE	AS TO 385.6	
395.6	6.7			QTE	AS TO 387.6	45
427.4	31.8			QTE	IMPURE SRCC & LOC MAFIC MG MED GY WE LL FOTD 40 TO 45 DEGREES LOC PY 1% POSSIBLY COULD BE ARK LCC FOLDED AT 425.6 TO 426.2	
428.3	0.9			GWKE	ARGILLACEOUS FG DK GY SHARP CONTACTS TOP & BOTTOM WITH QTES	

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
435.8	7.5			QTE	AS TO 427.4 LOC MAFIC NEAR CONTACT W ITH FOLLOWING MAFIC INTRUSIVE 45 DEG REE ANGLE WITH MAFIC	
456.8	21.0			DIA	MAFIC DYKE MG DK GRN TO MED GRN AMPB BIOT FSP LOC CUT BY 5 INCH QTZ & C AL VEINS LOC CONCENTRATIONS BIOT & G ARS AT 444.0	
458.5	1.7			ARK	MED TO FG MED GY LOC BIOTITIC	
459.5	1.0			DIA	AS TO 456.8	
462.5	3.0			ARK	AS TO 458.5 LOC PEBBLY	
475.4	12.9			DIA	AS TO 456.8	
476.0	0.6			ARK	AS TO 462.5	
479.3	3.3			DIA	AS TO 456.8	
486.6	7.3			ARK	AS TO 462.5	
496.2	9.6			QTE	AS TO 427.4 WKLY CONGATIC AT 490.1 T O 490.6-5-8% STRAINED 2 INCH PEBBLES	
496.4	0.2			GWKE	ARGILLACECUS AS TO 428.3	
500.5	4.1			QTE	AS TO 427.4	47
517.4	16.9			DIA	AS TO 456.8 SLLY MORE FG	
526.1	8.7			QTE	AS TO 427.4	
528.6	2.5			GWKE	ARGILLACECUS AS TO 428.3	
539.8	11.2			DIA	MAFIC DYKE PEARLY TEXTURE AS TO 456. 8 PO & PY 1-2% AT 529.0 TO 531.2	
542.1	2.3			GWKE	ARGILLACECUS AS TO 428.3 SHARP CONTA CT WITH ABOVE MAFIC & 2 INCH GRADATI ONAL CONTACT AT BOTTOM WITH MAFIC	
544.2	2.1			DIA	MAFIC DYKE AS TO 456.8	
549.1	4.9			QTE	AS TO 427.4 CONTACT WITH FOLLOWING G WKE HARD TO DEFINE DUE TO GROUND COR E FROM 548.4 TO 549.1	
550.4	1.3			GWKE	ARGILLACECUS AS TO 428.3	52
553.3	2.9			QTE	DIRTY MAFIC LOC PEBBLY MG DK GY TO B K	
572.7	19.4			ARK	IMPURE SRCC GRANULAR LIKE TEXTURE WH ITE TO LIGHT GY WITH LOCAL VARIATION S TO GRN & SLLY YELLOWISH LOC MAFIC BANDS	
574.2	1.5			ARK	AS TO 572.7 REDDISH STAINING DUE TO HEM	
577.1	2.9			ARK	AS TO 5727.	
577.9	0.8			ARK	AS TO 572.7 LOCAL MAFIC & CHL BANDS OF QTE IN ARK	
581.6	3.7			ARK	AS TO 572.7	
595.0	13.4			CAVE	LOST CORE SAND SEAM	
683.5	88.5			ARK	AS TO 572.7 639.0 TO 645.0 LOST CORE LOC FUCHSITE BANDS AT 632.0 LOCAL M AFIC BANDS 1 TO 2 INCH QTZ VEINS AS WELL POSSIBLE ALTERED MAFIC DYKE 639 .2 TO 639.8 MED TO DK GRN	60
691.5	8.0			ARK	AS TO 572.7 LOC MAFIC ZONES THESE MA FIC ZONES MAY REPRESENT POSSIBLE GWK E FACIES BOTH MAFICS & QTE ARE CUT B Y 1 TO 2 INCH QTZ VEINS	
704.9	13.4			DIA	MAFIC DYKE AS TO 456.8	
706.8	1.9			ARK	AS TO 159.8	

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
727.6	20.8			ARK	AS TO 458.5 PEBBLY WKLY GNEISSIC	70
729.5	1.9			DIA	MAFIC DYKE AS TO 456.8 MORE FG	
730.8	1.3			ARK	AS TO 727.6	
735.1	4.3			ARK	FG QTE APPEARS TO BE FG VERSION OF A RK AS TO 730.8 PY 1% LCC	
737.0	1.9			SCH	MAFIC BIOT AMPB FG TO MG BK PY STRS 1% FOTN 75 TO 80 DEGREES	75
739.5	2.5			ARK	MAFIC & SRCC QTE ARK DK GRN TO LOC B K LOC PEBBLY .5 TO 1 INCH PEBBLES	
771.7	32.2			ARK	IMPURE QTE ARK LIGHT TO DK GY LOC MA FIC LOC 1 TO 2 INCH QTZ PEBBLES LOC FOLDED FROM 762.0 TO 762.6	
772.9	1.2			ARK	AS TO 771.7 LOC INTRUDED BY QTZ VEIN S MINOR MAFICS AS WELL	
774.2	1.3			ARK	AS TO 771.7 LOC FOLDED AT 773.0 TO 7 73.2 QTZ PEBBLES ARE WKLY CONTORTED	
774.8	0.6			SCH	MAFIC BIOT AMPB FSP MG TO FG POSSIBL Y ALTERED MAFIC INTRUSIVE SHARP 65 T O 70 DEGREE CONTACT AT BOTTOM 1 TO 2 INCH GRADATIONAL CONTACT AT TOP	65
793.8	19.0			ARK	AS TO 771.7 LOC PEBBLY 778.2 TO 778. 6 LOC MAFIC & PEBBLY 1 2 INCH PEBBLE S PY 1% FUCHSITE BANDS AT 771.1 & 7 81.9 & 792.5	
794.4	0.6			SCH	AS TO 774.8 ALTERED DIA DYKE PO & PY 1%	
801.2	6.8			ARK	AS TO 793.8 HEM STAINING AT 797.3 TO 797.4 LOC PEBBLY LOC MICRO FOLDING AT 798.5 TO 798.7	
817.7	16.5			DIA	BCOK DK GRN TO BK MG PEARLY TEXTURE PY & PO 1% LOC INCLUSIONS QTE GRADA TIONAL CONTACTS TOP & BOTTOM	
820.1	2.4			GWKE	ARGILLACEOUS FG TO MG DK GY TO BRWN PO PY 1% IN STRS GRADATIONAL CONTAC T TOP SHARP CONTACT BOTTOM	
824.0	3.9			ARK	AS TO 771.7 LOC FOLDED AT 823.1 TO 8 23.3	
830.8	6.8			ARK	AS TO 771.7 LOC MICRO FOLDED SCATTER ED STRETCHED PEBBLES FOTN WELL DEVEL OPED BUT VARIES	
836.3	5.5			DIA	BCOK FG HIGHLY ALTERED DK GY GRN TO BK LOC PHOR FSP GRADATIONAL CONTACT TOP & SHARP CONTACT AT BOTTOM	
837.2	0.9			ARK	CHERTY FG WHITE TO CREAM GY LOC BAND ED DUE TO BIOT PY STRS 1%	
837.4	0.2			DIA	AS TO 836.3 CONCENTRATION PY 1 2% A T BOTTOM	
854.4	17.0			ARK	AS TO 837.2	
859.9	5.5			DIA	AS TO 836.3	
869.9	10.0			ARK	AS TO 771.7	
871.3	1.4			GWKE	ARGILLACEOUS AS TO 820.1 SHARP CONTA CTS TOP & BOTTOM	
872.0	0.7			ARK	AS TO 771.7 LOC PEBBLY	
877.8	5.8			ARK	AS TO 793.8 MAFIC & LOC FUCHSITE BAN DS	

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
891.9	14.1			ARK	AS TO 793.8 LOC PEBBLY LOC FUCHSITE BANDS	
900.0	8.1			DIA	BCOK ALTC MED TO DK GRN FG BANDS H IGH IN BIOT	
900.7	0.7			GWKE	ARGILLACECUS AS TO 820.1	65
901.2	0.5			DIA	AS TO 900.0	
904.4	3.2	FX0115C0	MVVW	ARK	(Q) THIS IS GRADATIONAL CONTACT WITH FOLLOWING ULTRA MAFIC POSSIBLE QTE INCL	
916.2	11.8	FXC115C0	MVVW	DNT	ULTA BASIC META IGNEOUS TEXTURE LARG E RELIC GRAINS OLIVINE VERY SOFT TAL C MTx MT VEINS WKLY TO STGL MTC CALC IN VEINS VERY MINOR	
931.2	15.0	FX0117C1	MVVW	DNT	AS TC 916.2	
943.1	11.9	FX0117C2	MVVW	CNT	AS TO 916.2	
950.9	7.8			DIA	BCOK DK GY TO BK MG NEEDLE LIKE GRAI NS FSP SHARP CONTACT WITH ABOVE MAFI C	
953.5	2.6			SCH	TALC SCFT WHITE TO GY IN COLOR SHARP CONTACTS TOP & BOTTOM	
992.4	38.9			DIA	MAFIC DYKE AS TO 817.7 POSSIBLY MORE FSP RICH FRESH	
1007.4	15.0	FX0117C3	MVVW	CNT	AS TC 916.2	
1022.4	15.0	FX0117C4	MVVW	CNT	AS TO 916.2	
1041.5	19.1	FX0117C5	MVVW	CNT	AS TC 916.2 PO 1% IN LAST 5 FT	
1049.0	7.5			DIA	AS TO 992.4 1 INCH CONTACT ZONE WITH ABOVE FOOT OF HOLE	

ASSAYS OF THE FCLLCWING ELEMENTS WERE REQUESTED FOR THIS HOLE.....PM, U , CU, NI, ZN

FOR THIS HOLE, ASSAYS OF THE FOLLOWING ELEMENTS HAVE BEEN RECEIVED..TH, U , AU, CO, CU, FE, NI, OP, PD, PT, S , SG, ZN

BOREHOLE SUMMARY
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FOOTAGE	MNZN	ROCK
13.0		
45.0		QTE
45.6		DIA
46.5		QTE
48.6		DIA
53.8		QTE
54.1		SKN
56.0		QTE
56.6	MVVW	QTE
57.3	MVVW	QTZ
61.0	MVVW	QTE
64.5	MVVW	CONG
65.8	MVVW	QTE
67.7	MVVW	CONG

72.2	MVVW	QTE
75.4	MVVW	DIA
83.4	MVVW	QTE
84.9	MVVW	CONG
85.8	MVVW	QTE
91.3	MVVW	ARK
97.6	MVW	CONG
101.4	MVVW	DIA
115.2		DIA
131.0		QTE
131.8		QTZ
146.1		QTE
146.6		DIA
155.3		QTE
155.7		CONG
159.8		ARK
163.6		QTE
164.1		CONG
166.0		ARK
176.0		QTE
176.5		GWKE
182.1		QTE
182.6		QTZ
199.4		QTE
201.4		CONG
206.4	MVVW	CONG
218.0	MVW	CONG
227.0	MVW	QTE
233.3	MVVW	QTE
246.6	MVW	CONG
247.8	MVVW	QTE
250.6	MVVW	GWKE
271.8	MVW	CONG
277.1	MVVW	DIA
278.9		DIA
279.9		QTZ
283.2		DIA
285.7		QTE
303.3		ARK
341.9		QTE
343.3		GWKE
364.7		QTE
365.8		DIA
427.4		QTE
428.3		GWKE
435.8		QTE
456.8		DIA
458.5		ARK
459.5		DIA
462.5		ARK
475.4		DIA
476.0		ARK
479.3		DIA
486.6		ARK
496.2		QTE
496.4		GWKE

500.5		QTE
517.4		DIA
526.1		QTE
528.6		GWKE
539.8		DIA
542.1		GWKE
544.2		DIA
549.1		QTE
550.4		GWKE
553.3		QTE
581.6		ARK
595.0		CAVE
691.5		ARK
704.9		DIA
727.6		ARK
729.5		DIA
735.1		ARK
737.0		SCH
774.2		ARK
774.8		SCH
793.8		ARK
794.4		SCH
801.2		ARK
817.7		DIA
820.1		GWKE
830.8		ARK
836.3		DIA
837.2		ARK
837.4		DIA
854.4		ARK
859.9		DIA
869.9		ARK
871.3		GWKE
891.9		ARK
900.0		DIA
900.7		GWKE
901.2		DIA
904.4	MVVW	ARK
943.1	MVVW	DNT
950.9		DIA
953.5		SCH
992.4		DIA
1041.5	MVVW	DNT
1049.0		DIA

BOREHOLE RECORD

DATE PROCESSED APR 19,1973

CHK'D.....

BOREHOLE#	PROPERTY	NTS#	SH#	ANOM#	DEPTH	AZIMUTH	DIP	LATITUDE	DEPARTURE	ELEVATION	LEVEL
49888-0	SAKAMI PROJECT	33F 9W		22	130	180 00	-45 00	N 1380	E 2800		

DATE.....

INCLINATION AND TROPARI TESTS

DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP

TOPS OF WEDGES

LOGGED BY..JAMIESON R A STARTED..SEPT 04,1972 COMPLETED..SEPT 06,1972

COMMENTS

DRLD CANICC WINKIE EXT T WAKEGIJIG-PERMIT AREA 551 ALL CASING & SHOE PULLED

SAMPLE ENTRIES

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
0.0	0.0				COLLAR	
42.0	42.0				EW CASING SOC GRAVEL & BOULDERS	
47.0	5.0			SCH	QTZ BIOT FSP META ARK(IMPURE) MED TO MAINLY FG BRWNISH GY IN COLOR CUT THRCUGHOUT BY QTZ & CALCITE VEINS WE LL FOTD LOC PHCR FSP INTERBEDDED LOC WITH SOFT BRWNISH GY MUD OR SILTSTON E PARA SCH FOTN VARIES FRCM 45 TO 55 DEGREES SAME RK AS BH 49885 AT 61.5	
49.4	2.4			AMPH	AMPH RICH META SED ALSO POSSIBLY FG MAFIC DYKE INTRUDED LOC BY QTZ VEINS PO & PY 1%	
59.6	10.2			SCH	AS TO 47.0	70
59.9	0.3			SCH	AS TO 47.0 LOC CHL BANDS FG MED GRN	
75.5	15.6			SCH	AS TO 47.0 FOTN 60 TO 70 DEGREES	
80.5	5.0	FX011492	MVVW	SCH	AS TO 47.0	
82.2	1.7	FX011493	MVW	IF	SLCS MT 5% IN BANDS SULPS 8% PO 506% PY 1-2% PY CONCENTRATED NEAR CONTAC TS LOC FOLDED MTC & CONDUCTIVE(WKLY) FROM 81.3 TO 81.7 AS TO 47.0 AMPB PRESENT AS WELL IN MODERATELY HIGH CONCENTRATIONS DK GRN IN NON SLCS ZONES	
87.2	5.0	FX011494	MVVW	SCH	AS TO 47.0	70
130.0	42.8			SCH	AS TO 47.0 LOC CHLORITIC MASS QTZ VE INING FROM 117.0 TO 117.5 & 118.1 TO 118.6 PO & PY 1% FOOT OF HOLE CONDUCTOR 80.5 TO 82.2	

ASSAYS OF THE FOLLOWING ELEMENTS WERE REQUESTED FOR THIS HOLE.....CU, NI, ZN, PM

FOR THIS HOLE, ASSAYS OF THE FOLLOWING ELEMENTS HAVE BEEN RECEIVED..AU, CO, CU, FE, NI, OP, PD, PT, S , SG, ZN

BOREHOLE SUMMARY
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FOOTAGE	MNZN	ROCK
42.0		
47.0		SCH
49.4		AMPH
75.5		SCH
80.5	MVVW	SCH
82.2	MVW	IF
87.2	MVVW	SCH
130.0		SCH

BOREHOLE RECORD
****

DATE PROCESSED APR 19,1973

CHK'D.....

BOREHOLE#	PROPERTY	NTS#	SH#	ANOM#	DEPTH	AZIMUTH	DIP	LATITUDE	DEPARTURE	ELEVATION	LEVEL	DATE.....
49889-0	SAKAMI PROJECT	33F 9W		20	135	180 00	-45 00	N 20	E 400			

INCLINATION AND TROPARI TESTS

DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP

TOPS OF WEDGES

LOGGED BY..JAMIESON R A STARTED..SEPT 04,1972 COMPLETED..SEPT 06,1972

COMMENTS

DRLD CANICO WINKIE IEX P JEANSON PERMIT AREA 551 70 FT EW CASING & SHOE #790 LEFT IN HOLE

SAMPLE ENTRIES

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
0.0	0.0				COLLAR	
82.0	82.0				EW CASING SOC SAND GRAVEL & BOULDERS	
86.7	4.7			SCH	QTZ BIOT FSP META ARK(IMPURE)MED TO FG BRWNISH GY CUT BY QTZ & CALCITE VEINS WELL FOTD LOC PHCR FSP INTERBEDDED LOC WITH SOFT BRWNISH GY MUD OR SILTSTONE PARA SCH SAME RK TYPE AS BH 49885 AT 61.5 RHYODACITE	
88.0	1.3			SCH	GARNETIFEROUS AMPB BIOT FSP QTZ LOC VERY SLCS BANDS FROM WHITE TO GY TO DK GRN	
88.2	0.2			SCH	AS TO 86.7 WELL FOTD	65
92.7	4.5	FX011495	MVVW	SCH	AS TC 86.7	70
93.0	0.3	FX011495	MVVW	SCH	AS TC 88.0	
93.2	0.2	FX011495	MVVW	SCH	AS TO 86.7	
93.6	0.4	FX011496	MVW	SCH	AS TO 88.0 LESS GAR RICH WKLY CONDUCTIVE & WKLY MTC PO 8-9% PY 1%	
101.0	7.4	FX011497	MVVW	SCH	AS TO 86.7	
101.5	0.5	FX011497	MVVW	SCH	AS TO 86.7 VERY SLCS BANDED	75
103.1	1.6	FX011498	MVW	SCH	AS TC 101.5 PO 6-8% PY 1%	
108.1	5.0	FX011499	MVVW	SCH	AS TO 86.7 LCC CUT BY MORE FREQUENT QTZ & CALCITE VEINS	65
135.0	26.9			SCH	AS TO 86.7 SLLY MORE CHLORITE FOH FOOT CF HOLE	75

CONDUCTOR 93.2 TO 93.6
101.5 TO 103.1

ASSAYS OF THE FOLLOWING ELEMENTS WERE REQUESTED FOR THIS HOLE.....CU, NI, ZN, PM

FOR THIS HOLE, ASSAYS CF THE FOLLOWING ELEMENTS HAVE BEEN RECEIVED..AU, CO, CU, FE, NI, OP, PD, PT, S , SG, ZN

BOREHOLE SUMMARY
****

FOOTAGE	MNZN	ROCK
82.0		
88.2		SCH
93.2	MVVW	SCH
93.6	MVW	SCH
101.5	MVVW	SCH
103.1	MVW	SCH
108.1	MVVW	SCH
135.0		SCH

BOREHOLE RECORD
****

DATE PROCESSED APR 18,1973

CHK'D.....

BOREHOLE#	PROPERTY	NTS#	SH#	ANOM#	DEPTH	AZIMUTH	DIP	LATITUDE	DEPARTURE	ELEVATION	LEVEL
49890-0	SAKAMI PROJECT	33F 2W		29	12	180 00	-45 00	N 40	E 400		

DATE.....

INCLINATION AND TROPARI TESTS

DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP

TOPS OF WEDGES

LOGGED BY..JAMIESON R A STARTED..SEPT 04,1972 COMPLETED..SEPT 04,1972

COMMENTS

DRLD CANICO WINKIE J P FOURNIER 7 FT EW CASING & CASING SHOE #787 LEFT IN HOLE PERMIT AREA 548

SAMPLE ENTRIES

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
0.0	0.0				COLLAR	
12.0	12.0				EW CASING GRAVEL & SMALL BOULDERS LO ST IN OVERBURDEN FOOT OF HOLE CASING BROK OFF	

ASSAYS OF THE FOLLOWING ELEMENTS WERE REQUESTED FOR THIS HOLE.....THERE ARE NO ENTRIES IN THIS CATEGORY

FOR THIS HOLE, ASSAYS OF THE FOLLOWING ELEMENTS HAVE BEEN RECEIVED..THERE ARE NO ENTRIES IN THIS CATEGORY

BOREHOLE SUMMARY
****

FOOTAGE	MNZN	ROCK
12.0		

BOREHOLE RECORD
****

DATE PROCESSED APR 19,1973

CHK'D.....

BOREHOLE#	PROPERTY	NTS#	SH#	ANOM#	DEPTH	AZIMUTH	DIP	LATITUDE	DEPARTURE	ELEVATION	LEVEL
49891-0	SAKAMI PROJECT	33F2W		29	142	180 00	-45 00	N 41	E 400		DATE.....

INCLINATION AND TROPARI TESTS

DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP

TOPS OF WEDGES

LOGGED BY..GALLOP A M STARTED..SEPT 04,1972 COMPLETED..SEPT 06,1972

COMMENTS

DRLD CANICO WINKIE JP FOURNIER ON PERMIT 548 ALL CASING PULLED

SAMPLE ENTRIES

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
0.0	0.0				COLLAR	
12.0	12.0				OB SAND & GRAVEL SOC EW CS	
25.6	13.6			GAB	MTGB FG MG AMPB QTZ FSP ROCK CHLC FA INT FOTH LOLLY FRCT & BXTD WITH QTZ	60
					CALC FILLING MINOR QTZ CALC VEINS PARALLEL FOTN GY GRN TO GRN	
41.6	16.0			GWKE	MTSD ARGILLACEOUS FG GY GRN QTZ FSP AMPB SCH MINOR QTZ CALC VEINS PARALLEL FOTN LOCAL ZONES PK GARS MINOR FRCTS CHL ON FRCT PLANES TRACE PO PY	55
46.6	5.0	FX011801	MVVW	GWKE	AS AT 41.6 TRACE PO PY	
52.6	6.0	FX011802	MVW	GWKE	AS AT 41.6 5% DISS & STRS PO 1% DISS PY SPKS ASPY 1%	
53.7	1.1	FX011802	MVW	QTE	IMP VERY DIRTY FG GY 5% DISS & STRS &3 1% DISS PY 1% SPKS ASPY	
54.7	1.0	FX011803	MW	IF	BANDED 20% MT BNDS 4% DISS PO 1% PY RARE SPKS ASPY SLCS BANDS AS AT 41.6	50
55.6	0.9	FX011804	MVW	QTE	AS AT 53.7 DISS & STRS PO 4% PY 1% SPKS ASPY	
57.0	1.4	FX011805	M	QTE	AS AT 53.7 30% DISS & STRS PO 2% PY RARE SPKS ASPY	
58.0	1.0	FX011806	MVVW	QTE	FRCD & BXTD ZONE ANGULAR FRAGS 1/2 TO 1 INCH CEMENTED WITH QTZ FSP VEIN SHARP 70 CONTACTS 1% PC	
61.1	3.1	FX011807	MVW	GWKE	AS AT 41.6 RARE BNDS MT 1% STRS & DISS PO PY 6% PO 1% PY	40
62.4	1.3	FX011808	M	GWKE	AS AT 41.6 35% PO 2% PY DISS & STRS STGL MTC MT LOLLY CONTORTED	35
63.8	1.4	FX011809	MW	GWKE	AS TO 41.6 MORE SLCS LOLLY WKLY GRPC 15% PO BANDS 3% DISS PY	
66.2	2.4	FX011809	MW	QTE	AS AT 53.7 CHL ON FRCT PLANES WKLY GRPC 15% PO BNDS 1% DISS PY	60
71.2	5.0	FX011810	MVVW	GWKE	AS AT 41.6 1% PO PY	55
95.2	24.0			GWKE	AS AT 41.6 PK GARS MORE NUM & SCTD THROUGHOUT	55
107.0	11.8			PEG	QTZ FSP DIKE CG LT GY WHITE SHARP CT UPPER 50 LOWER BXTD RARE SCTD LG XTLS AMPB SCTD PK GARS GRAPHIC TEX	

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
111.4	4.4			GWKE	AS AT 41.6	55
113.0	1.6			PEG	AS AT 107.0 CT SHARP UPPER 80 LOWER 40	
125.6	12.6			GWKE	AS AT 41.6	55
128.8	3.2			ARK	MTSD SANDSTONE FG MG GY QTZ FSP SCH BOTH CTS SHARP 55 LCLLY SRCC	55
142.0	13.2			GWKE	AS AT 41.6 FOOT OF HOLE CONDUCTIVE ZONE FROM 46.6 TO 66.2	55

ASSAYS OF THE FOLLOWING ELEMENTS WERE REQUESTED FOR THIS HOLE.....CU, NI, ZN, PM

FOR THIS HOLE, ASSAYS OF THE FOLLOWING ELEMENTS HAVE BEEN RECEIVED..AU, CO, CU, FE, NI, OP, PD, PT, S , SG, ZN

BOREHOLE SUMMARY
****

FOOTAGE	MNZN	ROCK
12.0		
25.6		GAB
41.6		GWKE
46.6	MVVw	GWKE
52.6	MVw	GWKE
53.7	MVW	QTE
54.7	MW	IF
55.6	MVw	QTE
57.0	M	QTE
58.0	MVVW	QTE
61.1	MVW	GWKE
62.4	M	GWKE
63.8	MW	GWKE
66.2	MW	QTE
71.2	MVVW	GWKE
95.2		GWKE
107.0		PEG
111.4		GWKE
113.0		PEG
125.6		GWKE
128.8		ARK
142.0		GWKE

BOREHOLE RECORD

DATE PROCESSED APR 19,1973

CHK'D.....

BOREHOLE#	PROPERTY	NTS#	SH#	ANOM#	DEPTH	AZIMUTH	DIP	LATITUDE	DEPARTURE	ELEVATION	LEVEL	
49892-0	SAKAMI PROJECT	33F 2W		38	214	90 00	-45 00	N 00	W 70			DATE.....

INCLINATION AND TROPARI TESTS

DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP

TOPS OF WEDGES

LOGGED BY..GALLOP A M STARTED..SEPT 07,1972 COMPLETED..SEPT 12,1972

COMMENTS

DRLD CANICO WINKIE J P FOURNIER ON PERMIT 548 ALL CASING PULLED EXT CORE

SAMPLE ENTRIES

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
0.0	0.0				COLLAR	
55.0	55.0				CB SAND BLDRS MUD EW CS SOC	
78.8	23.8			GWKE	MTSD QTZ FSP AMP SCH FG DK GY LCLLY BIOTIC RARE FRCTS WITH CHL ON FRCT PLANE VERY WKLY MTC 20% LC TS-C-72-3177 @ 62.0 FT ARG-GWKE	75
83.8	5.0	FX011811	MVW	GWKE	AS AT 78.8 2% DISS PO PY	75
87.8	4.0	FX011812	MW	GWKE	AS AT 78.8 MORE SLCS LCLLY WKLY GRPC 8% DISS & BNDS PO 2% DISS PY CUBES	75
93.2	5.4	FXC11813	MVW	QTE	IMP VERY DIRTY LCLLY BIOTIC MINOR AM PB LOCAL ZONES GRPT QTZ SCH DISS SUL P 5% PO 3% PY	
96.6	3.4	FXC11814	MW	SCH	GRPT QTZ FG DK GY BK BNDS BLBS SULP 7% PO 3% PY	75
98.2	1.6	FX011815	MVW	SCH	TREM BIOT QTZ MG LT GY FOTN WK NEEDL ES & LATHS TREM SHARP UPPER & LOWER CTS 75 META ARG SED 2% DISS PO	75
104.2	6.0	FX011816	MW	SCH	AS AT 96.6 STRS SULP 6% PO 4% PY	75
108.0	3.8	FX011817	MVW	QTE	IMP DIRTY FG LT GY FRCD & BXTD LOCAL ZONES TREM LCLLY ARKOSEIC 1-2% DISS PO PY	75
112.8	4.8	FX011818	MVW	SCH	AS AT 98.2 GRN GY LOCAL ZONES QTE AS AT 108.0 3% DISS PO CTS SHARP UPPER 60 LOWER GROUND	
116.5	3.7	FX011819	MVW	QTE	AS AT 108.0 MINOR BIOT	75
131.8	15.3	FX011820	MVW	SCH	AS AT 98.2 CTS SHARP UPPER 60 LOWER BXTD 3 INCH CG QTZ FSP VEIN AT 130.0 WITH BLBS PO PY DISS PO PY THROUGHOU T 1-2% BECOMES MORE SLCS & FINER GRA INED TOWARD BOTTOM CT TS-C-72-3176 @ 117.0 FT ARG-GWKE	80
149.7	17.9	FX011821	MW	QTE	IMP GY FG LCLLY QTZ FSP AMP SCH FRCD & CHL ON FRCT PLANES LCLLY CONTORTED 6% PO 6% PY DISS & BLBS	75
153.5	3.8	FX011822	MW	QTE	IMP GRPC WKLY FG DK GY STRS & DISS PO 7% PY 3%	75
158.5	5.0	FX011823	MVW	GWKE	AS AT 78.8 DISS PO 2%	70
173.2	14.7			GWKE	AS AT 78.8 MORE BIOT STRS QTZ PARALL	70

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
					EL TO FOTN	
178.2	5.0	FX011824	MVVW	GWKE	AS AT 78.8 1 FT QTZ FSP PEG DIKE AT 176.0 7 INCH DIKE OF SAME AT 174.6 1% DISS PO	
184.6	6.4	FX011825	MVW	SCH	GRPT QTZ FG DK GY BK MINOR STRS QTZ DISS & STRS PO PY 6% PY 3% PO STGL GRPC	65
190.0	5.4	FX011826	MVVW	GWKE	AS AT 78.8 30% GROUND CORE	70
208.0	18.0			GWKE	AS AT 78.8	
214.0	6.0			PEG	QTZ FSP CG WHITE GY MINOR LG STLS AMPB GRAPHIC TEXT QTZ IN PLAG MINOR FRCTS WITH CHL ON FRCT PLANES FOOT OF HOLE	

3 CONDUCTIVE ZONES 83.8 TO 104.2
131.8 TO 153.5
178.2 TO 184.6

ASSAYS OF THE FOLLOWING ELEMENTS WERE REQUESTED FOR THIS HOLE.....CU, NI, ZN, PM

FOR THIS HOLE, ASSAYS OF THE FOLLOWING ELEMENTS HAVE BEEN RECEIVED..AU, CO, CU, FE, NI, OP, PD, PT, S , SG, ZN

BOREHOLE SUMMARY
****

FOOTAGE	MNZN	ROCK
55.0		
78.8		GWKE
83.8	MVW	GWKE
87.8	MW	GWKE
93.2	MVW	QTE
96.6	MW	SCH
98.2	MVW	SCH
104.2	MW	SCH
108.0	MVW	QTE
112.8	MVW	SCH
116.5	MVW	QTE
131.8	MVW	SCH
153.5	MW	QTE
158.5	MVW	GWKE
173.2		GWKE
178.2	MVVW	GWKE
184.6	MVW	SCH
190.0	MVVW	GWKE
208.0		GWKE
214.0		PEG

BOREHOLE RECORD
****

DATE PROCESSED APR 19,1973

CHK'D.....

BOREHOLE#	PROPERTY	NTS#	SH#	ANOM#	DEPTH	AZIMUTH	DIP	LATITUDE	DEPARTURE	ELEVATION	LEVEL	DATE
49893-0	SAKAMI PROJECT	33F9W		28	168	360 00	-45 00	S 60	E 400			.....

INCLINATION AND TROPARI TESTS

DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP

TOPS OF WEDGES

LOGGED BY..GALLCP A M STARTED..SEPT 10,1972 COMPLETED..SEPT 13,1972

COMMENTS

DRLD CANICO WINKIE BY T WAKEGIGIG ON PERMIT 551 ALL CS RECOVERED EXT CORE

SAMPLE ENTRIES

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
0.0	0.0				COLLAR	
19.0	19.0				CB SAND GRAVEL SMALL BLDRS EW CS SOC	
21.2	2.2			SCH	CHL QTZ BNDD MINOR BNDS QTE DK GY FG MTSD PO 1%	40
43.8	22.6			ARK	MG GY NUMS WHITE FRAGS FSP IN A FG GY GRN SLCS FSP MTX BLBS BIOT CHL INCLUSIONS (Q) FOTN VARIES 40 TO 50 DOWN HOLE CTS SHARP UPPER FRCT LOWER 55	40
48.8	5.0	FX011839	MVVW	ARK	AS AT 43.8 4 INCH ZONE CHL SCH AR 45.0 SHARP 50 CTS NO VIX SULP	50
57.0	8.2	FX011840	MVW	SCH	AMP QTZ FSP BIOT FG DK GY GRN CALCAREOUS BLBS CARB CHL WKLY MTC BNDS QTZ PARALLEL FOTN MTSD GWKE (Q) STRS PO 3%	40
66.1	9.1	FX011841	MVW	SCH	CHL QTZ BIOT FG DK GY GRN 4% STRS PO	34
75.0	8.9	FX011842	MVW	SCH	AS AT 66.1 BECOMING MORE SLCS DOWN HOLE AMPB QTZ BIOT CHL SCH META GWKE 4% STRS & DISS PC	
84.7	9.7	FX011843	MVVW	AMPH	TREM (Q) BIOT CHL ROCK MG GY GRN FELTY TEXTURE FAINT FOTN SOFT META AGR SEDCTS SHARP UPPER 45 LOWER 55 DISS PO 1%	40
96.9	12.2	FX011844	MVVW	SCH	AMPB QTZ CHL FG DK GY GRN META GWKE MORE CHLC DOWN HOLE STRS PO 1%	40
108.5	11.6	FX011845	MVW	SCH	CHL FG DK GY DK GRN CALCAREOUS WHITE BLBS CARB 1 MM GRPT BNDS CONDUCTIVE STRS PO 4%	35
113.7	5.2	FX011846	MVW	SCH	AMPB QTZ FSP FG DK GY GY GWKE SLCS STRS & DISS PO 2%	35
118.7	5.0	FX011847	MVVW	SCH	AS AT 113.7 1% PO	35
133.4	14.7			SCH	AS AT 113.7 LOCAL ZONES QTE CALCAREOUS & WHITE BLBS CARB GWKE MINOR QTZ VEINS	30
140.6	7.2			SCH	AS AT 113.7 LCLLY CHL SCH NUMS WHITE BLBS CARB STRS QTZ CARB PARALLEL FOTN	30
149.5	8.9			AMPH	AS AT 84.7 LOCAL BLBS BIOT CHL	

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
168.0	18.5			SCH	CHL QTZ FG DK GY GRN CALCAREOUS THRO 3C	
					UGHOUT WHITE ELONGATED BLBS CARB PAR	
					ALLEL TC FOTN MTSD FOOT CF HOLE	
					WEAK CONDUCTIVE ZONES 48.8 TO 75.0	
					96.9 TO 113.7	
					POOR MAG IN CORE	

ASSAYS OF THE FOLLOWING ELEMENTS WERE REQUESTED FOR THIS HOLE.....CU, NI, ZN, PM

FOR THIS HOLE, ASSAYS OF THE FOLLOWING ELEMENTS HAVE BEEN RECEIVED..AU, CO, CU, FE, NI, OP, PD, PT, S , SG, ZN

BOREHOLE SUMMARY
****

FOOTAGE	MNZN	ROCK
19.0		
21.2		SCH
43.8		ARK
48.8	MVVW	ARK
75.0	MVW	SCH
84.7	MVVW	AMPH
96.9	MVVW	SCH
113.7	MVW	SCH
118.7	MVVW	SCH
140.6		SCH
149.5		AMPH
168.0		SCH

BOREHOLE RECORD
****

DATE PROCESSED APR 19,1973

CHK'D.....

BOREHOLE#	PROPERTY	NTS#	SH#	ANOM#	DEPTH	AZIMUTH	DIP	LATITUDE	DEPARTURE	ELEVATION	LEVEL
49894-0	SAKAMI PROJECT	33F10E		16	193	360 00	-45 00	S 60	E 00		

DATE.....

INCLINATION AND TROPARI TESTS

DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP

TOPS OF WEDGES

LOGGED BY..GALLOP A M STARTED..SEPT 10,1972 COMPLETED..SEPT 13,1972

COMMENTS

DRLD CANICO WINKIE E CORE ON PERMIT 550 ALL CS & SHOE RECOVERED DRLD BY L KEARNEY

SAMPLE ENTRIES

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
0.0	0.0				COLLAR SOC BEDROCK SETUP	
37.5	37.5			MTGB	FG MG GY GRN WKLY FOTD AMPB FSP QTZ SCH CHLC MINOR STRS QTZ FSP SCTD BLB S FSP STRETCHED FSP PHCR UP TO .5 IN	58
					CH REACTION RIMS AROUND FSPS FELTY TEXT STRS QTZ CARB DISS PO 1% TS-C-72-3172 @ 8.0 FT META QTZ DIA	
49.2	11.7			MTGB	AS AT 37.5 LOCAL INCLS FG CHL AMPB SCH PHCR MORE NUMS QTZ CARB VEINS MO RE NUMS & LARGER	
					TS-C-72-3179 @ 47.0FT MAFIC METAVOLC	
54.0	4.8			SCH	CHL FSP AMPB QTZ MG GY GRN BLBS & BN DS FSP VERY CHLC GRADUAL CTS POSS	65
					TUFF THOUGH SIMILAR TO PREV SECTION	
59.2	5.2			SCH	CHL FSP FG MG GY GRN ELONGATED BLBS FSP TUFF QTZ CARB BANDS PARALLEL TO FOTN	62
65.0	5.8	FX011827	MVVW	SCH	CHL FSP QTZ CARB FG GY GRN SCTD RED BROWN SOFT NEEDLE LIKE MINERAL (Q) AMPB (Q) GRADUAL CTS META ARG SED TFCS	50
75.0	10.0	FX011828	MVW	QTE	DIRTY IMP WKLY GRPC LCLLY QTZ GRPT SCH FG DK GY STRS BLBS PO 8% RARE SP KS RED BROWN SPH (Q)	45
86.5	11.5	FX011829	MVW	QTE	AS AT 75.0 STRS & BLBS 6% PO 2% PY LOCAL ZONES CHERT & FG ARG BNDD	40
88.5	2.0	FX01183C	MVW	QTE	VERY FG BNDD BNDS V FG ARG & CHERT GRN BRWN CALCAREOUS DIOP SKARN (Q) STRS PO 2%	48
					TS-C-72-3172 @ 87.0FT RHYOLITIC TUFF	
100.8	12.3	FX011831	MVW	QTE	DIRTY IMP GRPC LCLLY QTZ GRPT SCH FG GY BK LOCAL BANDS GRN BK DIOP SKARN GRPC STRS & BLBS QTZ CALC THROUGHOUT STRS PO 5%	50
104.0	3.2	FX011832	M	QTE	AS AT 100.8 40% SULP 10% BLBS XTLS PY IN BNDS PO	
121.4	17.4	FX011833	MW	SCH	GRPT QTZ STRS BLBS QTZ CARB FG DK GY BK LOCAL ZONES GRN BRWN SKARN DIOP	50

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
					(Q) 10% STRS BLBS PO 1% PY	
135.8	14.4	FX011834	MVVW	ARG	FG GY CALCAREOUS GOOD FOTN LOCAL BND	45
					S IMP QTE 1% DISS PY	
					TS-C-72-3178 @ 126.5 FT DACITE	
					ANDESITE TUFF	
142.5	6.7	FX011835	MVW	SCH	GRPT QTZ CALCAREOUS 8% STRS PO	45
144.8	2.3	FX011836	MVW	ARG	AS AT 135.8 DISS PO 3%	
151.8	7.0	FX011837	MVW	ARG	AS AT 135.8 LCLLY GRPC & QTZ GRPT SC	40
					H FOTN LCLLY CONTORTED	
156.8	5.0	FX011838	MVVW	SCH	CHL CALC QTZ FG GY GRN MTSD ARG (Q	48
					BNDS CALC PARALLEL FOTN DISS PO 1%	
163.0	6.2			SCH	AS AT 156.8	
166.8	3.8			QTE	DIRTY IMP GY FG BNDD MINOR AMPB FSP	48
					DISS PC 1%	
180.3	13.5			SCH	CHL FG DK GY GRN BNDS QTZ FSP SOFT	48
					ARGILLACEOUS MTSD	
193.0	12.7			SCH	AMPB QTZ FSP CHL FG DK GY LOCAL ZONE	48
					S IMP DIRTY QTE FOTN LCLLY CONTORTED	
					META GWKE FOOT OF HOLE	
					CONDUCTIVE ZONES 65.0 TO 121.4	
					135.8 TO 151.8	

ASSAYS OF THE FOLLOWING ELEMENTS WERE REQUESTED FOR THIS HOLE.....CU, NI, ZN, PM

FOR THIS HOLE, ASSAYS OF THE FOLLOWING ELEMENTS HAVE BEEN RECEIVED..AU, CO, CU, FE, NI, OP, PD, PT, S , SG, ZN

BOREHOLE SUMMARY
****

FOOTAGE	MNZN	ROCK
0.0		
49.2		MTGB
59.2		SCH
65.0	MVVW	SCH
100.8	MVW	QTE
104.0	M	QTE
121.4	MW	SCH
135.8	MVVW	ARG
142.5	MVW	SCH
151.8	MVW	ARG
156.8	MVVW	SCH
163.0		SCH
166.8		QTE
193.0		SCH

BOREHCLE RECORD
****

DATE PROCESSED APR 19,1973

CHK'D.....

BOREHOLE#	PROPERTY	NTS#	SH#	ANOM#	DEPTH	AZIMUTH	DIP	LATITUCE	DEPARTURE	ELEVATION	LEVEL	DATE
49895-0	SAKAMI PROJECT	33F 2W			1037	00 00	-45 00	N 1660	W 6680			

INCLINATION AND TROPARI TESTS

DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP
100		-41 30	200		-36 30	300		-36 30	400		-36 00	500		-35 00
600		-32 00	700		-31 30	800		-31 30	900		-30 30	1000		-30 00

TOPS OF WEDGES

COMMENTS

LOGGED BY..JAMIESON R A STARTED..SEPT 12,1972 CCMPLETED..SEPT 18,1972 DRLD INSPIRATION AQ CCRE CASING & SHOE LEFT IN HOLE
PERMIT AREA 548 ZONE 2

SAMPLE ENTRIES

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
0.0	0.0				COLLAR	
18.0	18.0				AW CASING START CF CORE SAND	
22.6	4.6	FX011706	MVVW	QTE	DIRTY IMPURE CHL MG MED GY TO LOC GR NISH QTZ CHL BIOT MINOR AMPB PY 1%	
23.4	0.8	FX011707	MVVW	QTE	AS TO 22.6 LCC CONGATIC STRAINED HIG HLY SHEARED PEBBLES BIOT & CHL SURRO UNDING STRAINED PEBBLES PY 1%	
28.4	5.0	FX011708	MVVW	ARK	DK GY FG PY STRS 1% LOC PEBBLY FOTD SHARP CCNTACTS TOP & BOTTCM WITH QTE	65
28.9	0.5	FX011709	MVVW	QTE	AS TO 23.4 PY 1%	
31.1	2.2	FX011710	MVVW	DIA	MAFIC DYKE CG AMPB BIOT PYROXENE DK GRN SHARP CONTACT WITH ABOVE QTE	
31.7	0.6	FX011710	MVVW	DIA	CONTACT ZONE WITH ABOVE MAFIC & FOLL OWING ULTRA MAFIC	
33.9	2.2	FX01171C	MVVW	UM	ALTERED WHITE GY TO GRN MG LOC CG RE LIC OLIVINE GRAINS PRESENT NON CALCA REOUS MTC WKLY TC STRONGLY THROUGHOU T VERY SOFT PY LOC 1% SEAMS TALC	
48.9	15.0	FX011711	MVVW	UM	AS TO 33.9	
63.9	15.0	FX011712	MVVW	UM	AS TO 33.9 SRPD LOC SLLY HARDER THAN ABOVE TALCOSIC ZONE	
78.3	14.4	FX011713	MVVW	UM	AS TC 33.9	
84.7	6.4	FX011714	MVVW	SCH	CHL FG GRN LOC GARNETIFERCUS 2 TO 3 INCH AMPB XTLS IN CHL MTX MT CUBES IN CHL & AMPB AS WELL MTC AT FOOT AMPB BECOMES NEEDLE LIKE LOC BIOTITI C PO & PY 1% TRACE CP AS WELL ASSOC IATED WITH LARGE AMPB XTLS MUSCOVITE BAND FRCM 80.7 TO 81.2 THIS CHL ZONE IS PROBABLY CONTACT ZONE BETWEEN UM & FOLLCWING DIA DYKE THE CHL SCH BEI NG PART OF MAFIC DYKE THAT IS A CHIL L ZCNE	
128.8	44.1			DIA	MAFIC DYKE DK GRN MG PEARLY TEXTURE AMPB BIOT FSP LOC FG LOC CUT BY QTZ & CALC VEINS	
143.8	15.0	FX011715	MVVW	SCH	AS TC 84.7 FEWER LARGE AMPB GRAINS T	

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
					THAN ABOVE LOC TRACE CP 1%	
154.0	10.2	FX011716	MVVW	SCH	AS TC 84.7 FROM 145.9 TC 148.5 INCLU SION UM	
165.8	11.8	FX011717	MVVW	UM	AS TC 33.9 LOC SRPD FROM 163.8 TO 165.8	
187.1	21.3			DIA	AS TO 128.8 LOC CHL ZONES LOC VARIAT IONS IN TEXTURE & GRAIN SIZE	
188.3	1.2			ARK	PEBBLY MED TO DK GY WKLYFCTD BIOTIT IC BANDS 40 TO 50 DEGREES SHARP CONF	45
					ORMABLE CONTACTS TOP & BOTTOM	
189.3	1.0			DIA	MAFIC DYKE AS TO 128.8 ALTERED FOTD AT 40 TO 45 DEGREES SHARP CONTACT	40
					BOTTOM	
197.1	7.8			ARK	AS TO 188.3 APPEARS TO HAVE MORE POT ASH FSP PRESENT THAN ABOVE	
197.6	0.5	FX011718	MVVW	DIA	AS TC 189.3 MAFIC SCH	
212.1	14.5	FX011718	MVVW	UM	AS TO 33.9 POSSIBLY MORE RELTC GRAIN S HERE	
227.1	15.0	FX011719	MVVW	UM	AS TC 212.1	
242.1	15.0	FX011720	MVVW	UM	AS TC 121.1	
257.1	15.0	FX011721	MVVW	UM	AS TC 212.1	
272.1	15.0	FX011722	MVVW	UM	AS TC 212.1	
277.7	5.6	FX011723	MVVW	UM	AS TO 212.1	
304.3	26.6			DIA	AS TO 189.3 FOTD AT 65 TO 70 DEGREES LOC BANDS PO 1% AT 300.0	
304.8	0.5			GWKE	ARGILLACEOUS DK TO MED GY FG QTZ FSP BIOT SCH SHARP CONTACT TOP & GRAT	
					IONAL CONTACT BOTTOM	
309.2	4.4			DIA	AS TO 304.3 FOTD LOC BICTITIC RICH BANDS SHARP CONTACT WITH FOLLOWINGUM	90
324.2	15.0	FX011724	MVVW	UM	AS TC 33.9	
339.2	15.0	FX011725	MVVW	UM	AS TO 33.9	
354.2	15.0	FX011726	MVVW	UM	AS TO 33.9 LOC SRPD	
369.2	15.0	FX011727	MVVW	UM	AS TO 33.9	
384.2	15.0	FX011728	MVVW	UM	AS TO 33.9	
395.5	11.3	FX011729	MVVW	UM	AS TC 33.9	
399.7	4.2	FX011730	MVVW	DIA	MAFIC DYKE AS TO 128.8 MORE FG ALTER ED	
414.7	15.0	FX011731	MVVW	UM	AS TO 33.9	
429.7	15.0	FX011732	MVVW	UM	AS TO 33.9	
441.9	12.2	FX011733	MVVW	UM	AS TC 33.9	
450.0	8.1			DIA	AS TO 128.8 TYPICAL CHL SCH ZONE IN CONTACT WITH UM MINOR MT	
463.3	13.3			DIA	AS TO 450.0 POSSIBLE INCLUSIONS OF MTSD IN MAFIC CONTACT WITh FOLLOWING UM SHARP	
478.3	15.0	FX011734	MVVW	UM	AS TO 33.9 LOC TALCOSIC & SRPD WHITI SH GY IN COLCR FCTD AT BOTTOM 65 TO 70DEGREES	65
485.6	7.3	FX011735	MVVW	UM	AS TC 478.3	
487.2	1.6			DIA	AS TO 128.8 MAFIC SCH(ALTERED) AMPC	70
					WELL FOTD DK GRN TO BK SHARP 65 DEGR EE CONTACT WITH FOLLOWING ARK	
500.5	13.3			ARK	MED TC FG WHITE TO GY LCC MINOR SRCC & BIOTITIC ZONES SCATTERED GARS THR	65

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
					OUGHOUT FOTD WKLY PY 1% THROUGHOUT	
503.6	3.1			ARK	FG LOC QTZ PEBBLES DK GY BIOT IMPART S SLI SCHISTOSITY PY 1% SHARP CONT ACTS TOP & BOTTOM	
524.1	20.5			ARK	PEBBLY GNEISSIC MG DK GY LOC MUSCOVITE BANDS	
524.3	0.2			ARK	AS TO 500.5	
524.5	0.2			DIA	MAFIC DYKE AS TO 128.8 VERY SHARP CO NFORMABLE CONTACTS	75
525.5	1.0			ARK	AS TO 500.5 LESS SRCC	
525.9	0.4			QTZ	VEIN	
529.2	3.3			ARK	AS TO 525.5 PO 1% WELL FOTD BIOT	65
530.6	1.4			DIA	AS TO 128.8 ALTD	
539.3	8.7			DIA	AS TO 530.6 FROM 534.4 TO 535.1 CALC AREOUS INCL(PY5%) CREAM GY TO YELLOWISH CONTACT SHARP WITH FOLLOWING ARK	58
541.1	1.8			ARK	MG PINKISH GNEISSIC INCL 52 DEGREE CONTACT WITH FOLLOWING MAFIC FOTN PARALLEL TO CONTACT	52
542.7	1.6			DIA	AS TO 530.6	
544.6	1.9			ARK	AS TO 541.1 SHARP 55 DEGREE CONTACT BOTTOM & 40 DEGREE CONTACT TOP PY 1%	
557.3	12.7			DIA	AS TO 128.8 LOC EXTD	
565.3	8.0			DIA	DYKE TRAP DYKE CHILL ZONE LOC INCS OF ABOVE MAFIC PHCR FSP DK GRN TO BK SHARP CONTACT WITH ABOVE DIA(557.3) & GRADES INTO DIA BELOW LOC CUT BY QTZ VEINS FG	
732.9	167.6			DIA	DYKE MG GY TO GRN PHCR FSP MAINLY PRXN & FSP AMPB AFTER PRXN MINOR BIOT MAINLY PY THROUGHOUT 1% BECOMING MORE CG TOWARDS CENTER MTC THROUGHOUT BUT MORE STGL SO IN CENTER TRACE PO AS WELL 1%	
747.9	15.0	FX011736	MVVW	UM	FG BK MED SOFTNESS TALCY FEEL	
748.9	1.0	FX011737	MVVW	UM	AS TO 747.9	
749.7	0.8	FX011737	MVVW	UM	NARROW BAND AS TO 33.9 SOFT MTC TALCOSIC	
750.4	0.7	FX011737	MVVW	SCH	CHL FSP BNDD MED TO FG GY TO GRN	
756.3	5.9	FX011737	MVVW	UM	AS TO 748.9	
757.1	0.8	FX011737	MVVW	UM	AS TO 748.9	
758.8	1.7	FX011737	MVVW	UM	AS TO 749.7	
786.0	27.2			SKN	DIOPSIDE MED TO CG DIOPSIDE 50 TO 60 % QTZ 40% CALC 10% CANDY APPLE GRN IRREGULAR PATCHES OF QTZ IN DIOPSIDE	
788.1	2.1			SCH	GAR BIOT QTZ FSP MED PINKISH GY TO DK GY FOTD PY 1% THROUGHOUT	70
793.2	5.1			SKN	AS TO 786.0	
797.3	4.1			SCH	AS TO 788.1 LOC INCS QTE FOTD 60 TO 70 DEGREES	65
820.1	22.8			QTE	IMPURE MAFIC SRCC COLOR VARIES FROM WHITISH GY TO GRNISH BK MG DIRTY GRITTY LOC INTRUDED BY QTZ VEINS FOTN 7	

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
					0 TO 75 DEGREES LOCAL MAFIC BANDS TO WARDS LOWER CONTACT PARALLEL TO FOTN CONTAINS LARGE CG GARS LOC 1% PY THRCUGHOUT	
834.3	14.2			DIA	MAFIC DYKE AS TO 128.8 LOC GARNETIFE ROUS AT 824.5 PY 1% FOTD AT 45 DEGR EES	
847.8	13.5			SKN	BNDD DIOPSIDE AS TO 786.0 BRWNISH ST AIN THROUGHOUT CG PY 1% SHARP CONTAC T WITH FOLLOWING DYKE BRWN BANDING PARALLELS SCHISTOSITY AT 45 DEGREES CALC 10% 15% DIOPSIDE 35% 40% QTZ & BRWN STAINING 40% 45%	
851.8	4.0			DIA	MAFIC DYKE AS TO 128.8 MINOR PO & PY 1%	
868.2	16.4			SCH	AS TO 788.1 WELL FOTD AT 45 DEGREES	
872.3	4.1			DIA	MAFIC DYKE AS TO 128.8 C & PY 1%	45
873.3	1.0			ARK	WHITE TC GY MED TO FG MINOR BNDS BIO T & AMPB PY SPKS THROUGHOUT LOC NARR OW CALC VEINS SHARP CONTACTS TOP & BOTTOM	
881.8	8.5			DIA	AS TO 834.3	
884.1	2.3			SCH	AS TO 788.1 LESS GAR RICH	45
890.5	6.4			SKN	DIOPSIDE AS TO 786.0 FROM 889.5 TO 890.0 2-3% PO & PY	
891.0	0.5			ARG	MTSD AMPB BIOT CHL FSP SCHMED TO CG DK GRN	
902.3	11.3			SCH	AS TO 788.1 FOTD AT 40 TO 45 DEGREES	
903.2	0.9			ARG	AS TO 891.0	
905.5	2.3			SKN	AS TO 847.8	
910.5	5.0	FX011738	MVVW	SKN	AS TO 847.8	
910.9	0.4	FX011739	MS	SKN	70 TO 80% SULPS 50% PO PY 30%	
911.1	0.2	FX011739	MVVW	SKN	NARROW BAND AS TO 847.8	
911.8	0.7	FX011739	M	DIA	60 TO 70 % SULPS 40% PO 30% PY	
914.1	2.3	FX011740	MVVW	DIA	AS TO 834.3 PY 1%	
919.1	5.0	FX011741	MASS	QTE	ALCS FG PC 55% PY 35%	
924.1	5.0	FX011742	MASS	QTE	AS TO 919.1 PO 65% PY 25%	
928.4	4.3	FX011743	MS	QTE	AS TO 919.1 PO 65% PY 10-15%	
933.4	5.0	FX011744	MVW	IF	SLCS BNDD VERY MTC PO & PY BNDS LOC THROUGHOUT 50% IN ZONES MAINLY 3-5% WITH 5-8% MT MASSIVE MT LCC	
938.5	5.1	FX011745	MVW	IF	AS TO 933.4 10% MT HERE LCC GARNETIF EROUS	
946.8	8.3	FX011746	MVW	IF	AS TO 938.5 BANDING 65 DEGREES LOC CHLORITIC	65
952.9	6.1	FX011747	MVVW	ARK	META FG BIOT RICH BNDD GARS SCATTER ED THROUGHOUT WHITISH GY	45
955.9	3.0	FX011748	MVW	IF	AS TO 946.8	
957.4	1.5	FX011748	MVVW	ARK	AS TO 952.9	
962.9	5.5	FX011748	MVW	IF	AS TO 946.8	
972.4	9.5	FX011749	MVW	IF	AS TO 946.8 LOC GARNETIFEROUS ARKOSI C BAND FROM 968.6 TO 970.7 AS TO 952 .9	
973.8	1.4	FX011750	MVVW	DIA	MAFIC DYKE AS TO 128.8	
975.6	1.8	FX011750	MVVW	SCH	BIOT AMPB FSP FG LOC SLCS GY TO BRWN	60

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
					ISH	
977.4	1.8	FX011750	MVVW	DIA	MAFIC DYKE AS TO 128.8	
979.3	1.9			DIA	AS TO 977.4	
994.4	15.1			SCH	SLCS CHL BIOT LOC GARNETIFEROUS WELL FOTD TOWARDS BOTTOM BECOMES VERY CH LORITIC ALSON BICT & TALC RICH NEAR BOTTOM GENERALLY WHITISH GRN TO LOC BRWN NEAR BOTTOM	40
1022.4	28.0			ARK	CLEAN WHITE BIOT CAUSES FOTN PY 1% AT 1020.0 LOC GARS MG WHITE TO GY	45
1023.0	0.6			ARK	DIRTY IMPURE LOCSRCC CUT BY MAFIC BNDS LOC GARNETIFEROUS PY 1-2% LOC CUT BY 1 TO 2 INCH QTZ VEINS	
1037.0	14.0			SCH	MAFIC AMPB BIOT CHL QTZ FSP GARS LOC SLCS PO 1-2% MT LOC AT 1029.7 2% COULD BE ALTD MAFIC INTERBEDDED WITH SEDS FOOT OF HOLE	

ASSAYS OF THE FOLLOWING ELEMENTS WERE REQUESTED FOR THIS HOLE.....PM, U , CU, NI, ZN

FOR THIS HOLE, ASSAYS OF THE FOLLOWING ELEMENTS HAVE BEEN RECEIVED..TH, U , AU, CC, CU, FE, NI, OP, PD, PT, S , SG, ZN

BOREHOLE SUMMARY
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FOOTAGE	MNZN	ROCK
18.0		
23.4	MVVW	QTE
28.4	MVVW	ARK
28.9	MVVW	QTE
31.7	MVVW	DIA
78.3	MVVW	UM
84.7	MVVW	SCH
128.8		DIA
154.0	MVVW	SCH
165.8	MVVW	UM
187.1		DIA
188.3		ARK
189.3		DIA
197.1		ARK
197.6	MVVW	DIA
277.7	MVVW	UM
304.3		DIA
304.8		GWKE
309.2		DIA
395.5	MVVW	UM
399.7	MVVW	DIA
441.9	MVVW	UM
463.3		DIA
485.6	MVVW	UM

487.2		DIA
524.3		ARK
524.5		DIA
525.5		ARK
525.9		QTZ
529.2		ARK
539.3		DIA
541.1		ARK
542.7		DIA
544.6		ARK
732.9		DIA
749.7	MVVW	UM
750.4	MVVW	SCH
758.8	MVVW	UM
786.0		SKN
788.1		SCH
793.2		SKN
797.3		SCH
820.1		QTE
834.3		DIA
847.8		SKN
851.8		DIA
868.2		SCH
872.3		DIA
873.3		ARK
881.8		DIA
884.1		SCH
890.5		SKN
891.0		ARG
902.3		SCH
903.2		ARG
905.5		SKN
910.5	MVVW	SKN
910.9	MS	SKN
911.1	MVVW	SKN
911.8	M	DIA
914.1	MVVW	DIA
924.1	MASS	QTE
928.4	MS	QTE
946.8	MVW	IF
952.9	MVVW	ARK
955.9	MVW	IF
957.4	MVVW	ARK
972.4	MVW	IF
973.8	MVVW	DIA
975.6	MVVW	SCH
977.4	MVVW	DIA
979.3		DIA
994.4		SCH
1023.0		ARK
1037.0		SCH

BOREHOLE RECORD
****

DATE PROCESSED APR 19,1973

CHK'D.....

BOREHOLE#	PROPERTY	NTS#	SH#	ANOM#	DEPTH	AZIMUTH	DIP	LATITUDE	DEPARTURE	ELEVATION	LEVEL
49896-0	SAKAMI PROJECT	33F 2W			191	360 00	-45 00	S 878	W 2200		DATE.....

INCLINATION AND TROPARI TESTS

DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP

TOPS OF WEDGES

LOGGED BY..JAMIESON R A STARTED..SEPT 14,1972 COMPLETED..SEPT 18,1972

COMMENTS

DRLD CANICO WINKIE (EX J P FOURNIER-PERMIT AREA 548
ZONE 2 ALL CASING & CASING SHOE RECOVERED

SAMPLE ENTRIES

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
0.0	0.0				COLLAR	
11.0	11.0				EW CASING SOC SAND & GRAVEL	
33.0	22.0			DIA	MAFIC DYKE DK GRN TO BK MED TO FG SH	55
					ARP 52 DEGREE CONTACT WITH FOLLOWING	
					QTE LOC CUT BY QTZ & CALC VEINS AMP	
					B FSP WITH MINOR BIOT PY LOC 1% BI	
					OT RICH BAND FROM 19.2 TO 27.1 WELL	
					FOTD	
38.3	5.3			QTE	IMPURE DIRTY & GRITTY MED TO DK GY W	60
					ELL FOTD LOC SRCC & MAFIC MG LOC CHL	
					ORITIC AS WELL	
38.8	0.5			CONG	NARROW WKLY CONGATIC BND 20 TO 25% P	70
					EBBLES PY 1% MAINLY SMALL NARROW ST	
					RAINED PEBBLES 5 TO 1.25 INCHES LON	
					G MOST PEBBLES ARE .25 INCH IN	
					WIDTH WELL FOTD IN QTE AS TO 38.3	
39.6	0.8			QTE	AS TO 38.3 LESS SRCC	
40.0	0.4			CONG	AS TO 38.8 10 TO 15% PEBBLES PY 1%	
48.6	8.6			QTE	AS TO 38.3 LOC CHLORITIC & SLLY BXTD	
					FROM 42.5 TO 42.7 NARROW MAFIC INCL	
					FROM 44.7 TO 44.9 CONFORMABLE CONTA	
					CTS FROM 45.8 TO 46.1 A NARROW BAND	
					OF 10% PEBBLES (1 INCH LONG)	
49.1	0.5			CONG	AS TO 38.8 PY 1-2% WKLY RADIOMETRIC	
					15 TO 20% PEBBLES PEBBLES GENERALLY	
					.25 TO .75 INCHES IN LENGTH	
50.0	0.9			QTE	AS TO 38.3 WELL FOTD LOC MAFIC BNDS	70
					VERY CHL RICH	
50.9	0.9	FX011751	MVVW	QTE	AS TO 50.0	
55.0	4.1	FX011751	MVVW	CONG	60 TO 70% PEBBLES WELL FOTD PY 2% FR	85
					OM 51.8 TO 52.4 OTHERWISE 1% MG QTE	
					MTX LOC SRCC & MAFIC PEBBLES ARE FR	
					OM .5 TO 1.25 INCHES LONG & HIGHLY	
					STRAINED .25 INCHES IN WIDTH	
55.6	0.6	FX011752	MVVW	CONG	AS TO 55.0	
59.4	3.8	FX011752	MVVW	QTE	PURE TO IMPURE MG LOC PEBBLY 10% PY	
					1% LOC SRCC & MAFIC	
60.6	1.2			CAVE	LOST CORE	

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
60.9	0.3	FX011752	MVVW	QTE	AS TO 59.4	
61.4	0.5	FX011752	MVVW	QTZ	VEIN	
62.8	1.4	FX011752	MVVW	QTE	IMPURE MAFIC & XRCC AS TO 59.4 LOC FRCD FROM 62.1 TO 62.4	
67.6	4.8	FX011753	MVVW	QTE	AS TO 62.8 WHITE TO DK GY	
67.8	0.2	FX011753	MVW	CCNG	AS TO 55.0 PY 1-2%	
68.1	0.3	FX011754	MVW	CCNG	AS TO 55.0 30 TO 40% PEBBLES 2 TO 4% PY	
68.6	0.5	FXC11754	MVVW	QTE	AS TO 67.6	
70.3	1.7	FX011754	MVVW	QTE	IMPURE SRCC YELLOWISH GY MG WELL FOT 60 D	
70.6	0.3	FX011754	MVVW	QTE	AS TO 62.8	
70.9	0.3	FX011754	MVW	CONG	AS TO 55.0 LESS WELL DEFINED PEBBLES -1 TO 2% PY .5 TO .75 INCH PEBBLES	
71.5	0.6	FX011754	MVVW	QTE	AS TC 62.8	
73.2	1.7	FX011754	MVVW	QTE	AS TO 70.3	
73.9	0.7	FX011755	MVW	CONG	PEBBLES 1 TO 1.5 INCHES LCNG PY 5 TO 8% STRETCHED ELONGATED PEBBLES 80 TO 00% PEBBLES	
76.0	2.1	FX011756	MVVW	QTE	AS TO 59.4	
76.1	0.1	FX011756	MVW	CCNG	PEBBLES 5 INCH LONG PY 2 TO 3%	
76.5	0.4	FX011756	MVVW	QTE	AS TC 59.4	
77.0	0.5	FX011756	MVW	CONG	AS TO 76.1	
78.8	1.8	FX011756	MVVW	QTE	AS TC 50.4	
82.6	3.8			CAVE	LOST CORE	
86.9	4.3			QTE	IMPURE CHLC MAFIC MG DK GY TO GRN	42
96.7	9.8			SCH	BIOT FSP QTZ GAR WELL FOTD IN ZONES AMPB RICH ZONES POSSIBLY GWKE MED TO FG	40
99.1	2.4			QTZ	BXTD QTZ & CALC VEINS 2 INCH BND GWK E AT BOTTCM MAFIC & CHLC BNDS THROUG HOUT	
106.1	7.0			QTE	IMPURE MAFIC & SRCCMINOR CHL AS WELL MED TO DK GY	
110.2	4.1			QTE	PURE TO IMPURE MG WHITE TC MED GY	
122.3	12.1			QTE	DIRTY CHLC WELL FOTD LOC NARROW PEBB LY ZCNE CHL BIOT AMPB DK GY TC LOC GRN	68
123.1	0.8			SKN	DIOPSIDE 60% DIOPSIDE 5 TO 10% CALC 20% QTZ 10% AMPB & CHL	
125.3	2.2			QTE	AS TO 122.3	
127.8	2.5			ARK	FG MEC TO DK GY BIOT CAUSES FOTN PY 1% LOC SLLY MAFIC BNDS	66
135.8	8.0			SCH	MAFIC CHL AMPB BIOT FSP WELL FOTD DK GY GRN MED TO FG	
137.8	2.0			QTZ	VEIN SHARP CONTACTS BOTH SIDES	
138.2	0.4			SCH	AS TO 135.8	
140.9	2.7			SCH	AS TO 135.8	
142.0	1.1			CAVE	LOST CORE	
164.4	22.4			SCH	AS TO 135.8 HIGHLY ALTD MAFIC DYKE LOC BIOTITIC BNDS	
179.4	15.0	FX011757	MVVW	UM	ALTD-SOFT-DK GY TO BK-LOC TALCOSIC & SRPD MED TO CG MTC THRCUGHOUT FOTD LOC	55
191.0	11.6	FX011758	MVVW	UM	AS TO 179.4 FOOT OF HOLE	

ASSAYS OF THE FOLLOWING ELEMENTS WERE REQUESTED FOR THIS HOLE.....PM, U , CU, NI, ZN

FOR THIS HOLE, ASSAYS OF THE FOLLOWING ELEMENTS HAVE BEEN RECEIVED..TH, U , AU, CO, CU, FE, NI, OP, PD, PT, S , SG, ZN

BOREHOLE SUMMARY
****

FOOTAGE	MNZN	ROCK
11.0		
33.0		DIA
38.3		QTE
38.8		CONG
39.6		QTE
40.0		CONG
48.6		QTE
49.1		CONG
50.0		QTE
50.9	MVVW	QTE
55.6	MVVW	CONG
59.4	MVVW	QTE
60.6		CAVE
60.9	MVVW	QTE
61.4	MVVW	QTZ
67.6	MVVW	QTE
68.1	MVW	CONG
70.6	MVVW	QTE
70.9	MVW	CONG
73.2	MVVW	QTE
73.9	MVW	CONG
76.0	MVVW	QTE
76.1	MVW	CONG
76.5	MVVW	QTE
77.0	MVW	CONG
78.8	MVVW	QTE
82.6		CAVE
86.9		QTE
96.7		SCH
99.1		QTZ
122.3		QTE
123.1		SKN
125.3		QTE
127.8		ARK
135.8		SCH
137.8		QTZ
140.9		SCH
142.0		CAVE
164.4		SCH
191.0	MVVW	UM

BOREHOLE RECORD
****

DATE PROCESSED APR 19,1973

CHK'D.....

BOREHOLE#	PROPERTY	NTS#	SH#	ANOM#	DEPTH	AZIMUTH	DIP	LATITUDE	DEPARTURE	ELEVATION	LEVEL
49897-0	SAKAMI PROJECT	33F 2W			269	180 00	-45 00	N 970	W 3800		

DATE.....

INCLINATION AND TROPARI TESTS

DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP

TOPS OF WEDGES

LOGGED BY..GALLOP A W STARTED..SEPT 16,1972 COMPLETED..SEPT 25,1972

COMMENTS

DRLD CANICC E CORE BY T WAKEGIJIG WINKIE DRILL ON ZONE 2 PERMIT AREA 548 ALL EW CS & SHOE LEFT

SAMPLE ENTRIES

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
0.0	0.0				COLLAR	
29.0	29.0				CB SAND GRAVEL & SMALL BLDRS EW CS SOC	
29.6	0.6	FX011798		UM	FG GY DK GY UNIFORM SOFT TALCOSE WKL Y SCHTOSE MED TO STGL MTC LOWER CT SHARP BNDD CHLC 40 DEGREES	60
34.0	4.4	FX011799		AMPH	CG GRN BK FELTY TEXTURE LG 1 TO 2 CM RADIATING NEEDLE LIKE XTLS OF AMPB TREM (Q) STGL MTC RARE BLBS MT DISS PO 1% TRACE CP LOWER CT SHARP CHLC BANDED 48	
42.1	8.1	FX011799		UM	AS AT 29.6 FG MG RARE STRS QTZ LCLLY FRCD WITH BRN IRON STAINING ON FRCTS 34.0 TO 37.1 ABUNDANT AMPB XTLS NEEDLES OF TREM (Q) TALCOSE 37.1 TO 41.5 SOFT GY TALC SCH 41.5 TO 42.1 TREM & CHLC SHARP LO WER CT 65	70
44.3	2.2			GWKE	DK GY FG UNIFORM SLCS FLKS BIOT ARGI LLACEOUS TRACE PO LOWER CT SHARP 58	60
46.0	1.7			ARK	FG GY SLCS MINOR BIOT FLKS CHL ON FR CT PLANES BNDD QTZ FDPC SCH (Q)	60
59.5	13.5	FX011799		UM	TALC SCH GY DK GY FG ALTERNATING GY & DK GY BNDS SRPN STGL MTC CHL ON FR CT PLANES UPPER CT SHARP 60 WITH 1 INCH BIOT CHL CHILL LOWER CT SHARP 48 WITH 2 INCH CHL BIOT SCH CHILL TREM XTLS WITHIN 6 INCH OF LOWER CT BNDS LESS PRONOUNCED TOWARD CTS	60
66.7	7.2			ARK	MG PK GY MASSIVE FAINT FOTN NUMS PK & WHITE FRAGS OF FSP UP TO 3 MM IN A FG GY DK GY SLCS QTZ FSP MTX INTERSTITIAL FLKS BIOT LOWER CT SHAR P 45 DEGREES	55
68.8	2.1	FX011800		AMPH	MG GRN TREM NEEDLES CHLC MTC DISS PO 1% BCDK (Q) BECOMES FG DOWN HOLE	60
69.9	1.1	FX011800		UM	FG GRN GY SOFT HILY TALCOSE SRPN MTC UPPER CT GRADUAL LOWER CT SHARP 72	

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
					CHL SCH ON CT	
84.0	14.1			ARK	AS AT 66.7 SCTD BK INCLS UP TO 1 CM CF BICTIC VOLC (Q) FRAGS	
96.7	12.7	FX011876		UM	FG GY FIBEROUS TEXT SOFT TALCOSE MIN CR AMPB TREM (Q) SRPN MTC UPPER CT SHARP 72 3 INCH CHILL ZONE BIOT CHL MINOR TREM SCH LOWER CT SHARP CHLC TO LCLLY GRADES INTO MG GRN GY TREM ROCK AMPH (Q) FELTY TEXT DISS PO 1% FROM 88.2 TO 91.8 AND 94.8 TO 96.7	
104.3	7.6			ARK	FG GY BNDD AS AT 46.0 BECOMES PEBBLY FROM 98.0 TO 102.0 WHITE PEBBLES FSP UP TO 3 MM STRETCHED & ELONGATED PARALLEL TO FOTN MTX BECOMES DK GY	62
112.4	8.1			BCDK	MTDB AMPB CHLC FG MG GRN WKLY MTC CHL ON FRCT PLANES BIOTIC CTS SHARP UPPER 45 LOWER 60	
120.9	8.5			CTE	IMPURE SRCC & MAFIC MG MED TO DK GY LOC PEBBLY FROM 120.9 TO 123.1 20 TO 25 % 1.5 INCH STRAINED PEBBLES VERY SRCC FRCM 117.4 TO 118.1	
125.9	5.0	FX011848	MVVW	CTE	AS TO 120.9	
126.4	0.5	FX011849	MVVW	CONG	QTZ PEBBLE 70% PEBBLES BICT RICH SUR ROUNDING PEBBLES DIRTY QTE MTX PY 1 % PEBBLES .75 TO 1 INCH IN LENGTH	
127.1	0.7	FX011850	MVVW	CONG	AS TO 126.4 ONLY 30 TO 40% PEBBLES	
131.4	4.3	FX011850	MVVW	QTE	IMPURE MAFIC SRCC MG DK GY GENERALLY WKLY FOTC AT 55 DEGREES	55
136.7	5.3			QTE	AS TO 131.4	
138.4	1.7			CONG	QTZ PEBBLE ELONGATED 1 TO 2 INCH QTZ PEBBLES PC BLEBS 1-2% 30% PEBBLES DIRTY CHL & BIOT MTX	
142.9	4.5			QTE	IMPURE SRCC LOC MAFIC BNDS FOTD MG Y ELLOWISH GY SIMILAR TO 120.9	60
144.1	1.2			CONG	AS TC 138.4 20% PEBBLES	
161.2	17.1			QTE	IMPURE MAFIC & SRCZ AS TC 120.9 LOC VARIATIONS IN SRCT & BIOT LOC HEM STAINING AT 150.0 DK GY PY 1% PEBBLY ZONES SCATTERED THRCUGHOUT	
166.2	5.0	FX011851	MVVW	QTE	AS TO 161.2 LOC TRACES PO	
167.1	0.9	FX011852	MVVW	CONG	QTZ PEBBLE 70 TO 80% PEBBLES .75 TO 1.5 INCH STRAINED QTZ PEBBLES SOME PEBBLES ARE ELONGATED OTHERS ARE NOT PY 1% TYPICAL MTX MATERIAL	
167.5	0.4	FX011853	MVW	CONG	AS TC 167.1 PY 1 TO 2% .5 TO .75 INCH STRAINED PEBBLES	
168.3	0.8	FX011854	MVW	CONG	AS TO 167.5 PY 1 TO 2% TRACE PBS AT 167.8	
169.7	1.4	FX011854	MVW	CONG	AS TO 167.5 PY 2 TO 4% QTZ PEBBLES BECOMING SLLY LARGER BOUNDARIES THROUGHOUT ARE VERY INDISTINCT & INDIVIDUAL PEBBLE BCUNDARIES ARE VERY DIFFICULT TC FOLLOW	
171.5	1.8	FX011855	MVW	CONG	AS TO 169.7 PO & PY 1 TO 2% BECOMING	

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
					LESS PEBBLY NEAR BOTTOM	
172.6	1.1	FX011856	MVVW	CONG	AS TO 169.7	
174.0	1.4	FX011856	MVVW	QTE	AS TO 161.2	
175.0	1.0			LC	GROUND CORE	
181.6	6.6	FX011856	MVVW	CONG	QTZ PEBBLE NON RADIOMETRIC PY 1% 20	
					% PEBBLES SRCC & IMPURE QTE BND FROM	
					181.1 TO 181.5 CONG AS TO 167.1	
188.4	6.8	FX011857	MVW	CONG	AS TO 181.6 PY 1 TO 2% SLLY MORE PEB 60	
					BLES 30 TO 40% IMPURE QTE MTX WELL F	
					OTD	
189.4	1.0	FX011858	MVW	CONG	AS TO 181.6 SLLY LARGER PEBBLES PO &	
					PY 1 TO 2%	
190.0	0.6	FX011859	MVW	CONG	AS TO 181.6 PY 2 TO 4% HIGHER BIOT C	
					ONCENTRATIONS HERE	
192.2	2.2	FX011860	MVVW	CONG	AS TO 181.6 PY 1%	
200.0	7.8	FX011860	MVVW	QTE	IMPURE AS TO 161.2 WELL FOTD MAFIC B 66	
					ND POSSIBLE ARG 192.2 TO 192.3 FROM	
					193.4 TO 193.9 MAFIC DYKE (DIA) FG	
					MED TO DK GY BECOMES LOC PEBBLY AT	
					200.0	
209.8	9.8	FX011861	MVVW	QTE	WITH LCC CONGATIC BNDS IMPURE MAFIC 62	
					WELL FOTD AT 60 TO 65 DEGREES	
211.8	2.0	FX011861	MVW	CONG	QTZ PEBBLE 60% PEBBLES PY 1 TO 2% 1	
					TO 1.5 INCH STRAINED PEBBLES DIRTY	
					QTE MTX	
212.7	0.9	FX011862	MVW	CONG	AS TO 211.8 PY 2 TO 3%	
213.3	0.6	FX011863	MVW	CONG	AS TO 211.8	
219.3	6.0	FX011863	MVVW	QTE	AS TO 209.8 LOC CONGATIC	
219.7	0.4	FX011863	MVW	CONG	AS TO 211.8 30% PEBBLES PY 2 TO 4%	
223.8	4.1	FX011863	MVVW	QTE	AS TO 209.8 LOC SRCC	
224.9	1.1	FX011864	MVW	CONG	QTZ PEBBLE 80 TO 90% PEBBLES PY 3 TO	
					4% LARGE 2 TO 2.5 INCH PEBBLES WELL	
					DEFINED CONG LOC CHLC & SRCC	
225.1	0.2	FX011865	MVW	CONG	AS TO 224.9	
225.7	0.6	FX011866	MVW	CONG	AS TO 224.9	
226.5	0.8	FX011867	MVW	CONG	AS TO 224.9	
227.2	0.7	FX011868	MVW	CONG	AS TO 224.9	
229.4	2.2	FX011869	MVW	CONG	AS TO 224.9	
229.7	0.3	FX011870	MVW	CONG	AS TO 224.9	
234.4	4.7	FX011871	MVW	CONG	AS TO 224.9	
236.0	1.6	FX011871	MVVW	QTE	IMPURE SRCC MG LOC PEBBLY	
236.6	0.6	FX011871	MVW	CONG	QTZ PEBBLE 30 TO 40% PEBBLES WELL FO 63	
					TO PY 1 TO 3% AS TO 224.9	
237.1	0.5	FX011872	MVW	CONG	AS TO 236.6	
239.6	2.5	FX011872	MVVW	QTE	AS TO 236.0	
241.4	1.8	FX011872	MVW	CONG	QTZ PEBBLE 50 TO 60 % PEBBLES	
					PEBBLES .5 TO 1.5 INCHES IN LENGTH	
					PY 2 TO 3% NARROW BND SRCC QTE 240.2	
					TO 240.4	
245.1	3.7	FX011873	MVW	CONG	AS TO 241.4	
245.4	0.3	FX011874	MVW	CONG	AS TO 241.4	
247.8	2.4	FX011875	MVW	CONG	AS TO 241.4	
250.4	2.6	FX011875	MVVW	ARK	AS TO 66.7	
269.0	18.6			ARK	AS TO 66.7 FOOT OF HOLE	

ASSAYS OF THE FOLLOWING ELEMENTS WERE REQUESTED FOR THIS HOLE.....CU, NI, ZN, PM, U

FOR THIS HOLE, ASSAYS OF THE FOLLOWING ELEMENTS HAVE BEEN RECEIVED..AU, CO, CU, FE, NI, GP, PD, PT, S , SG, ZN, TH, U

BOREHOLE SUMMARY
****

FOOTAGE	MNZN	ROCK
29.0		
29.6		UM
34.0		AMPH
42.1		UM
44.3		GWKE
46.0		ARK
59.5		UM
66.7		ARK
68.8		AMPH
69.9		UM
84.0		ARK
96.7		UM
104.3		ARK
112.4		BCDK
120.9		QTE
125.9	MVVW	QTE
127.1	MVVW	CONG
131.4	MVVW	QTE
136.7		QTE
138.4		CONG
142.9		QTE
144.1		CONG
161.2		QTE
166.2	MVVW	QTE
167.1	MVVW	CONG
171.5	MVW	CONG
172.6	MVVW	CONG
174.0	MVVW	QTE
175.0		LC
181.6	MVVW	CONG
190.0	MVW	CONG
192.2	MVVW	CONG
209.8	MVVW	QTE
213.3	MVW	CONG
219.3	MVVW	QTE
219.7	MVW	CONG
223.8	MVVW	QTE
234.4	MVW	CONG
236.0	MVVW	QTE
237.1	MVW	CONG
239.6	MVVW	QTE
247.8	MVW	CONG

250.4 MVVh ARK
269.0 ARK

BOREHOLE RECORD
****

DATE PROCESSED APR 19,1973

CHK'D.....

BOREHOLE#	PROPERTY	NTS#	SH#	ANOM#	DEPTH	AZIMUTH	DIP	LATITUDE	DEPARTURE	ELEVATION	LEVEL
49898-0	SAKAMI PROJECT	33F 2W			293	180 00	-45 00	N 960	W 4200		

DATE.....

INCLINATION AND TROPARI TESTS

DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP

TOPS OF WEDGES

LOGGED BY..JAMIESON R A STARTED..SEPT 16,1972 COMPLETED..SEPT 25,1972

COMMENTS

DRLD CANICO WINKIE EXT L KEARNEY-CASING & CASING SHOE #926 LEFT IN HOLE PERMIT 548 ZONE 2

SAMPLE ENTRIES

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
0.0	0.0				COLLAR	
40.0	40.0				EW CASING START OF CORE SAND GRAVEL & SMALL BOULDERS	
49.2	9.2	FX011759	MVVW	DNT	ULTRA BASIC(META) LARGE RELIC GRAINS OLIVINE SOFT MTX WKLY MTC MT VEINS CALC VEINS OLIVINE GRAINS 1 TO 2 CM IN LENGTH TALCOSIC IN ZONES	
50.2	1.0	FX011759	MVVW	SCH	CHL FG GRN VERY MTC MT RICH ALTERED PHASE OR CHILL ZONE OF UM	
55.9	5.7	FX011759	MVVW	DNT	AS TO 49.2 GRADES INTO MTSD	
62.4	6.5			SCH	MTSD BIOT CHL FSP QTZ FG WELL FOTD LOC BNDS QTZ & FSP GRADATIONAL CONTA CT OVER 2 INCHES	55
64.0	1.6			SKN	FG GY GRN VERY CALCAREOUS DEFINITELY SED DOLOMITE OR LIMESTONE FOTD	62
78.6	14.6			ARK	WHITE TO MED GY MED TO FG WELL FOTD BIOT BNDS IMPART SCHISTOSITY LOC CUT BY QTZ VEINS	65
80.1	1.5			ARK	AS TO 78.6 VUT PEBBLY	
89.8	9.7			SCH	AS TO 62.4	51
92.0	2.2			CONG	PEBBLEY SHARP CONTACT WITH ABOVE MAF IC & CHLC MTX(DIRTY) LOC SPKS PY 1% 50 TO 60% PEBBLES PEBBLES FRACTURED	
97.0	5.0	FX011760	MVVW	CONG	AS TO 92.0	
99.8	2.8	FX011761	MVW	CONG	AS TO 92.0 PO & PY 2-3% TYPICAL 1 TO 1.5 INCH STRAINED QTZ PEBBLES .25 INCH IN WIDTH 70 TO 80% PEBBLES	
104.8	5.0	FX011762	MVVW	CONG	AS TO 92.0 50 TO 60% PEBBLES	
113.7	8.9	FX011763	MVVW	CONG	AS TO 92.0	
115.8	2.1	FX011764	MVVW	CONG	AS TO 92.0 80% PEBBLES	
117.1	1.3	FX011765	MVW	CONG	AS TO 92.0 80% PEBBLES PY 2-4% 1% GALENA AT 116.3 TO 116.4 PEBBLES INCH IN LENGTH & .25 INCH IN WIDTH	
119.6	2.5	FX011766	MVVW	CONG	AS TO 92.0	
124.6	5.0	FX011767	MVVW	CONG	AS TO 92.0	
127.0	2.4			LC	LOST CORE (GROUND)	
133.8	6.8			QTE	IMPURE MAFIC & SRCC MED GY GRN LOC EBBLY MED TO FG BECOMING VERY CLOSE	

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
					& GRADING INTO ARK NEAR BOTTOM 45 DE GREE CONTACT ANGLE WITH FOLLOWING MAFIC	
159.8	26.0			DIA	MAFIC DYKE MG GRN TO BK LOC HAS QTE INCLS AS AT 140.0 WELL FOTD IN ZONES LOC PC & PY AS HIGH AS 1% LOC CUT BY QTZ & CALC VEINS	60
160.3	0.5			DIA	CONTACT ZONE BETWEEN MAFIC & FOLLOWI NG ARK WKLY CALCAREOUS	
186.8	26.5			ARK	AS TO 78.6 WELL FOTD COLOR VARIES FR OM WHITE TO GY GROUND CORE FROM 168. 0 TO 169.0 BECOMES WKLY PEBBLY FROM 150.3 TO 186.8	60
187.9	1.1	FX011768	MVVW	ARK	AS TO 186.8	
191.6	3.7	FX011768	MVVW	ARK	ROCK IS GROUND GROUND CORE	
191.8	0.2	FX011768	MVVW	CONG	AS TO 92.0 LARGER PEBBLES	
192.2	0.4	FX011769	MVVW	CONG	AS TO 191.8 UNDEFINABLE PEBBLE BOUND ARIES PEBBLES ARE 2 INCHES IN LENGTH & .25 TO .5 INCH IN WIDTH PY 1%	
197.2	5.0	FX011770	MVVW	CONG	AS TO 192.2	
198.3	1.1	FX011771	MVVW	CONG	AS TO 192.2	
206.1	7.8	FX011771	MVVW	QTE	IMPURE MAINLY SRCC LOC MAFIC BNDS MG YELLOWISH WHITE	58
207.3	1.2	FX011771	MVVW	CONG	AS TO 92.0 PY 1% PY 1-2% IN RADIOME TRIC ZONES PEBBLES 1.5 INCHES LONG N ARROW AS WELL MAINLY BICT 3 SRCT IN MTX GENERALLY 60% PEBBLES BUT IN RAD IOMETRIC ZONES AS HIGH AS 80 %	
212.1	4.8	FX011772	MVW	CONG	AS TO 207.3 PY 1%	
212.5	0.4	FX011773	MVW	CONG	AS TO 207.3 PY 1-2%	
213.6	1.1	FX011774	MVW	CONG	AS TO 207.3 PY 1%	
217.7	4.1	FX011775	MVVW	CONG	AS TO 207.3 PY 1%	
218.2	0.5	FX011776	MVW	CONG	AS TO 207.3 PY 1%	
218.5	0.3	FX011777	MVW	CONG	AS TO 207.3 PY 1%	
219.0	0.5	FXC11778	MVW	CONG	AS TO 207.3 PY 1%	
221.6	2.6	FX011779	MVW	CONG	AS TO 207.3 PY 1%	
224.0	2.4	FX011779	MVVW	CONG	AS TO 192.2 DIRTY 60 TO 70% PEBBLES BIOT AROUND PEBBLES PY 1%	
224.6	0.6			CONG	AS TO 224.0	
235.9	11.3			QTE	IMPURE SRCC LOC PEBBLY FROM 225.4 TO 227.6 PY 1% AS TO 206.1	
237.0	1.1			SKN	DIOPSIDE SKN FROM 235.9 TO 236.4 CAL C WITH DIOPSIDE ZONES FOR REMAINDER	
241.4	4.4			SCH	AMPH BIOT FSP WELL FOTD GRN TO BRWN MG POSSIBLY ALTERED MAFIC DYKE	61
242.0	0.6			QTE	LOC PEBBLY PY 1% MG MED TO DK GY	
243.5	1.5			QTZ	VEIN	
243.9	0.4			SCH	AS TO 241.4	
244.5	0.6			QTZ	VEIN	
244.9	0.4			SCH	AS TO 241.4	
247.5	2.6			QTZ	VEIN LOC INCLS MAFIC SCH	
249.6	2.1			SCH	BIOT QTZ FSP MTSO POSSIBLY GNKE MED TO FG WELL FOTD BRWN TO BK	45
250.3	0.7			DIA	MAFIC DYKE DK GRN MG PO 2-3% BIOT 3 AMPB	

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
256.5	6.2			QTE	SRCC & MAFIC AS TO 133.8 WELL FOTD	60
293.0	36.5			QTE	IMPURE SRCC WELL FOTD PY LOC 1% AT 2	56
					85.0 TO 286.2 MG YELLCWISH GY IN COL	
					OR LCC CUT BY MAFIC BANDS MORE MAFIC	
					& CHLC NEAR BOTTOM LOC PEBBLY	
					FOOT CF HOLE	

ASSAYS OF THE FOLLOWING ELEMENTS WERE REQUESTED FOR THIS HOLE.....CU, NI, ZN, PM, U

FOR THIS HOLE, ASSAYS OF THE FOLLCWING ELEMENTS HAVE BEEN RECEIVED..AU, CO, CU, FE, NI, OP, PD, PT, S , SG, ZN, TH, U

BOREHOLE SUMMARY
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FOOTAGE	MNZN	ROCK
40.0		
49.2	MVVW	DNT
50.2	MVVW	SCH
55.9	MVVW	DNT
62.4		SCH
64.0		SKN
80.1		ARK
89.8		SCH
92.0		CONG
97.0	MVVW	CONG
99.8	MVW	CONG
115.8	MVVW	CONG
117.1	MVW	CONG
124.6	MVVW	CONG
127.0		LC
133.8		QTE
160.3		DIA
186.8		ARK
191.6	MVVW	ARK
198.3	MVVW	CONG
206.1	MVVW	QTE
207.3	MVVW	CONG
213.6	MVW	CONG
217.7	MVVW	CONG
221.6	MVW	CONG
224.0	MVVW	CONG
224.6		CONG
235.9		QTE
237.0		SKN
241.4		SCH
242.0		QTE
243.5		QTZ
243.9		SCH
244.5		QTZ
244.9		SCH

247.5	QTZ
249.6	SCH
250.3	DIA
293.0	QTE

BOREHOLE RECORD
****

DATE PROCESSED APR 19,1973

CHK'D.....

BOREHOLE#	PROPERTY	NTS#	SH#	ANOM#	DEPTH	AZIMUTH	DIP	LATITUDE	DEPARTURE	ELEVATION	LEVEL
49900-0	SAKAMI PROJECT	33F 2W			1081	180 00	-45 00	S 190	W 6000		DATE.....

INCLINATION AND TROPARI TESTS

DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP
100		-42 30	200		-40 30	300		-32 00	400		-23 00	500		-21 30
600		-16 30	700		-10 00	800		-10 00	900		-06 00	1000		-04 00

TOPS OF WEDGES

LOGGED BY..JAMIESON R A STARTED..SEPT 24,1972 COMPLETED..OCT 03,1972

COMMENTS

DRLD INSPIRATION AQ CORE-34 FT AW CASING & CASING SHOE LEFT IN HOLE-PERMIT 547 ZONE 3

SAMPLE ENTRIES

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
0.0	0.0				COLLAR	
28.0	28.0				AW CASING START OF CORE SAND & GRAVEL	
29.4	1.4			CALC	VEIN LOC BNDS IMPURITIES BIOT & AMPB	
30.8	1.4			SCH	SLCS MTSD QTZ FSP GAR BIOT CHL DK TO MED GY WITH LOCAL TINGS GRN WELL FOTD LARGE GAR XTLS PY CUBES & STRS 1 %	46
32.7	1.9			DIA	DYKE ALTD VERY SCFT HIGHLY SHEARED GRN TO BK FOTD AT 10 DEGREES MAINLY VIOT MAB CHL	
33.3	0.6			SCH	AS TO 30.8 LARGE GAR XTLS 1 TO 2 INCHES IN LENGTH	
34.8	1.5			DIA	AS TO 32.7 MAFIC SCH	
43.0	8.2			SCH	AS TO 30.8 WELL FOTD AT 42 TO 44 DEGREES	43
44.8	1.8			DIA	DYKE MG TYPICAL PEARLY TEXTURE DK GRN SHARP CONTACTS BOTH SIDES AT 50 DEGREES	
46.2	1.4			SCH	AS TO 30.8	
49.2	3.0			DIA	AS TO 44.8 LOC NARROW SEAMS CALC	
58.6	9.4			SCH	AS TO 30.8 LESS GARNETIFEROUS NEAR CONTACT WITH FOLLOWING MAFIC SCH	
66.8	8.2			AMPH	MAFIC SCH WELL FOTD DK GRN MG PROBABLY SHEARED & ALTD MAFIC DYKE INTERBNDD QTZ & FSP LAYERS 45 DEGREE CONTACT WITH FOLLOWING SLCS SED	45
68.2	1.4			SCH	AS TO 30.8 90 DEGREE CONTACT WITH FOLLOWING MAFIC	
79.5	11.3			DIA	MAFIC DYKE AS TO 44.8	
80.3	0.8	FX011780	MVVW	UM	WHITE TO GY MAINLY TALCOSIC MG MTC WELL FOTD LOC WKLY CALCITIC	49
81.1	0.8	FX011780	MVVW	DIA	MAFIC DYKE AS TO 44.8	
94.5	13.4	FX011780	MVVW	UM	AS TO 80.3 LOC SRPD	
103.7	9.2	FX011781	MVVW	UM	AS TO 80.3 SLLY MORE MT THAN ABOVE WELL FOTD MORE LOC STPD	52
109.8	6.1			SCH	SLCS MTSD QTZ FSP BIOT BRWNISH GY EK	

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
					LY FOTD POSSIBLE SLCS GWKE	
110.2	0.4	FX011782	MVVW	UM	CHILL ZONE OF UM CHL RICH SCH FG NON MTC	
124.8	14.6	FX011782	MVVW	UM	AS TO 80.3 TALCOSIC WELL FOTD	35
139.8	15.0	FX011783	MVVW	UM	AS TO 80.3	
154.8	15.0	FX011784	MVVW	UM	AS TO 80.3 TALCOSIC WHITE TO GY MED SOFT	45
170.3	15.5	FX011785	MVVW	UM	AS TO 80.3 TALCOSIC SCH SHARP 90 DEG REE CONTACT WITH FOLLOWING 150.0 TO 170.3 CHILL MARGIN	50
176.8	6.5			ARK	ARKOSIC GWKE MED TO DK GY SLCS WKLY GRN TING DUE TO CHL QTZ & FSP BIOT IMPARTS FOTN PY BLEBS LOC 1%	49
187.8	11.0	FX011786	MVVW	UM	AS TO 80.3 WELL FOTD	53
190.8	3.0			ARK	AS TO 176.8	
191.9	1.1			ARK	AS TO 176.8 BIOTITIC RICH WELL FOTD AT 53 TO 55 DEGREES	
199.2	7.3			AMPH	AMPB BIOT CHL MINOR QTZ & FSP GY GRN TO B RUN MED TO FG WELL FOTD ALTD MA FIC DYKE	41
202.6	3.4	FX011787	MVVW	UM	AS TO 80.3 HIGHLY ALTD NON MTC SHAR P CONTACT WITH FOLLOWING SED	
204.5	1.9			ARK	ARKOSIC GWKE AS TO 176.8	
224.4	19.9			SCH	CHL AMPB BIOT FSP QTZ WELL FOTD MAIN LY GRN TO DK GRN LOC CUT BY CALC VEI NS MORE ALTD AT 21.0 TO 212.1 POSSI BLE ALTD MAFIC DYKE(DIA) LOC PY V1%	46
239.5	15.1			GWKE	IN BLEBS SIMILAR TO 199.2 BUT LESS BIOTITIC ARG LOC SLCS WELL FOTD DK TO MED GY GRN FG QTZ FSP BIOT AMPB CHL SCH LOC SMALL GARS LOC STRS ZNS FROM 227.1 TO 228.2 1%	46
246.5	7.0			QTE	IMPURE CHLC & SRCC LOC MAFIC BNDS FO TD AT 5 TO 10 DEGREES MG MED GY TO LIGHT GRN	
248.1	1.6			SCH	MTSD CHL FSP BIOT QTZ MG LOC PHCR OF FSP DK GY FOLDED HERE	05
252.0	3.9			QTE	IMPURE MAFIC WITH LOCAL SRCC BNDS FG TO MG MED TO DK GY	
255.0	3.0			ARG	MTSD FG SLCS IN AREAS VERY TIGHTLY & HIGHLY FOLDED FOTN VARIES FROM 0 TO 90 DEGREES BIOT QTZ FSP CHL AMPB SC H GY IN COLOR	
270.0	15.0	FX011788	MVVW	UM	TALCOSIC & SRPD AS TO 80.3 MTC LOC I INCLUDED DIOPSIDE SKN ZONES PGTC INC S AT 264.9	45
275.0	5.0	FX011789	MVVW	SCH	FG CHL NEEDLE LIKE AMPB XTLS GRN CHI LL ZONE OF UM LOC BLEBS PY 1%	
280.3	5.3	FX011789	MVVW	UM	AS TO 270.0	
284.6	4.3			SCH	MAFIC ALTD DIA(MAFIC DYKE) GRN TO BK MG AMPB BIOT CHL WELL FOTD	46
285.3	0.7			PEG	DYKE PINKISH MG INTRUDES MAFIC	
287.3	2.0			ARK	IMPURE WHITE TO LT GY SRCC BIOTIC PY BLEBS 1% MINOR FALKES MUSCOVITE	58

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
291.9	4.6			ARG	AMPB BIOT QTZ FSP LOC GARNETIFEROUS PY 1% FOLDED LOC AT 288.0 SHARP CONTACT WITH ABOVE ARK AT 60 DEGREES	
298.1	6.2			SKN	DIOPSIDE GRN(CANDY APPLE) LOC MAFIC IMPURITIES DIOPSIDE 40% CALC 10 TO 5% QTZ 20% MAFICS 20 TO 30 %	
301.2	3.1			QTE	IMPURE DK GY GRN MG LOC SRCC & MAFIC	
313.5	12.3			SCH	WKLY MTSD SLCS FG GY TO BK QTZ FSP BIOT FOLDED AT TOP	
320.5	7.0			SKN	DIOPSIDE AS TO 298.1	
322.9	2.4			QTE	QTZ CHL BIOT IMPURE MAFIC BNDS LOC GRAINS AMPB	75
327.7	4.8			QTE	IMPURE LOC CLAC CHL & BIOT GY TO GRN MG	
329.9	2.2			AMPH	MG TO CG AMPB CHL BIOT WKLY FOTD	
335.8	5.9			SCH	AS TO 248.1 WKLY FOTD AT 15 TO 20 DEGREES	
343.9	8.1			SKN	BNDD NOT ALL DIOPSIDE ZONES OF QTE VERY CALCIC EFFERVESCES RAPIDLY	50
346.7	2.8			DIA	MAFIC DYKE MG GRN TO DK GRN PEARLY TEXTURE	
349.7	3.0			SCH	MTSD (Q) GAR BIOT AMBP QTZ FSP WELL FOTD	62
355.6	5.9			QTE	IMPURE LOC SKARNISH MED TO DK GY GRN MG CHL & BIOT BNDS	
359.0	3.4			SCH	AS TO 313.5	
361.7	2.7			QTE	AS TO 355.6	
366.6	4.9			DIA	AS TO 346.7 POSSIBLY MORE FG WELL FOTD	63
368.9	2.3			QTE	AS TO 355.6	
377.6	8.7			SCH	GAR AMPB BIOT CHL WELL FOTD MG TO FG DK GY TO BK BECOMES MORE SPCS NEAR LOWER CONTACT & LESS GARNETIFEROUS	75
384.8	7.2	FX011790	MVVW	UM	UPPER CHILL MARGIN CHL AMPB BIOT LOC GARNETIFEROUS LARGER AMPB XTLS NEAR LOWER CONTACT OF CHILL MARGIN	62
392.6	7.8	FX011790	MVVW	UM	AS TO 80.3	
407.6	15.0	FX011791	MVVW	UM	AS TO 80.3	
408.0	0.4	FX011792	MVVW	UM	AS TO 80.3	
408.6	0.6	FX011792	MVVW	DIA	MAFIC DYKE AS TO 346.7	
409.6	1.0	FX011792	MVVW	UM	AS TO 80.3	
410.6	1.0	FX011792	MVVW	DIA	AS TO 408.6 ALTN DIA DYKE OR ALTD PHASE OF UM (Q)	
427.6	17.0	FX011792	MVVW	UM	AS TO 80.3 LAST 5 FT ARE CHL SCH TYPICAL CONTACT CHILL MARGIN	
442.0	14.4			QTE	IMPURE LOC MAFIC MAINLY SRCCWHITE TP MED GY MG CUT LOC BY CALC STRS	
442.8	0.8			DIA	MAFIC DYKE AS TO 346.7 SHARP CONTACTS TOP & BOTTOM	
452.4	9.6			QTE	AS TO 442.0 LOC BLEBS PY 1% AT 450.0 SHARP CONTACT WITH FOLLOWING SEDS	
467.4	15.0			GWKE	MTSD BIOT AMPB FSP QTZ SCH PHCR FSP DK GY GRN MINOR CHL MED TO FG STGL BIOTITIC IN ZONES	70
470.7	3.3			QTE	AS TO 442.0 SHARP 90 DEGREE CONTACTS	

DEPTH	LENGTH	SAMPLE#	MNZN	RCCK	DESCRIPTION	ANG
					WITH ABOVE & FOLLOWING SEDS	
486.7	16.0			GWKE	AS TO 167.4	
491.2	4.5			QTE	IMPURE TO PURE LOC MAFIC & CHLC MG L	
					OC CUT BY QTZ VEINS	
492.7	1.5			DIA	MAFIC DYKE AS TO 346.7 WELL FOTD	75
495.2	2.5			ARK	GWKE MTSD FG MED GY TO LIGHT GRN WKL	
					Y FOTD SLCS QTZ FSP BIOT	
498.3	3.1			DIA	AS TO 346.7 LOC CUT BY QTZ & CAL VEI	
					NS CONTACTS SHARP 80 DEGREES BOTH	
					SIDES	
513.4	15.1			QTE	PURE TO IMPURE AS TO 491.2 ALMOST BE	
					COMING ARKOSIC NEAR LOWER CONTACT FO	
					TD 55 TO 60 DEGREES BECOMES MORE CHL	
					C & BIOTITIC TOWARDS BOTTOM AS WELL	
					SHARP 80 DEGREE CONTACT WITH FOLLOWI	
					NG MAFIC	
514.0	0.6			DIA	AS TO 346.7	
516.1	2.1			QTZ	VEINS WITH INCLUDED MAFIC DYKE MATER	
					IAL	
522.8	6.7	FX011793	MVVW	UM	MG LOC TALCOSIC & SRPD GY TO GRN WEL	63
					L FOTD WKLY CALCAREOUS WKLY MIC UPPE	
					R & LOWER CG CHILL MARGINS	
540.2	17.4			QTE	PURE TO IMPURE MG LOC BNDS BIOT FSP	45
					SCH THROUGHOUT LOC PEBBLY AT 523.5	
					GY WELL FOTD ALSO LOC ZONES OF MORE	
					MAFIC BNDD MATERIAL	
541.0	0.8			DIA	MAFIC DYKE MED TO CG MED TO DK GRN L	
					OC GARNETIFEROUS NEAR CONTACTS SHARP	
					45DEGREE CONTACTS TOP & BOTTOM BLE	
					BS PY 1%	
552.4	11.4			QTE	IMPURE MAFIC LOC CHL & SRCC MED TO	35
					DK GY BECOMING WKLY GARNETIFEROUS AT	
					550.0 LOC ELONGATED STRETCHED QTZ	
					PEBBLES WELL FOTD LOCAL BLEBS PO &	
					PY 1%	
568.2	15.8			DIA	MAFIC DYKE PEARLY TEXTURE DK GRN TO	
					BK AMPB BIOT FSP FG CHILL MARGINS TO	
					P & BOTTOM CHILL ZONES ARE MAINLY BI	
					OT AMPB GAR SHS SHARP 75 TO 80 DEGR	
					EE CONTACTS TOP & BOTTOM	
583.4	15.2			QTE	IMPURE LOC PURE WHITISH TO MED GY WE	55
					LL FOTD IMPURITIES ARE MAINLY SRCT &	
					MINOR MAFICS MG LOCPEBBLY	
592.3	8.9			QTE	DIRTY IMPUREMG MED TO DK GY WKLY MO	
					RE CHLC & BIOTITIC THAN ABOVE QTES	
593.7	1.4			CONG	QTZ PEBBLE STRAINED PEBBLES 1 TO 1.5	
					INCHES IN LENGTH NO PY PRESENT WKLY	
					RADIOMETRIC 45 TO 50 CPS FROM 593.3	
					TO 593.4 MAINLY QT (IMPURE) MTX	
598.1	4.4			QTE	IMPURE SRCC MG YELLOWISH GY HEM STAI	
					NING 597.2 TO 597.4	
599.3	1.2			CONG	QTZ PEBBLE 20% PEBBLES AS TO 593.7-	
					25 TO .5 INCH PEBBLES NON RADIOMETRI	
					C	
599.6	0.3			ARG	FG WELL FOTD AMPB BIOT BK BLEBS PY	

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
					1%	
624.6	25.0			QTE	IMPURE SRCC MG MED TO YELLOWISH GY F OTD 2 INCH CONGATIC ZONE FROM 604.1	50
					TO 604.3 WKLY RADIOMETRIC(50 TO 55 C PS) MINOR GARS SCATTERED THROUGHOUT ALSO LOC PEBBLY AT 614.2 TO 614.7 MI NOR MAFIC BNDS AT 620.0-611.0 MINOR FE STAINING 90 DEGREE CONTACT WITH F OLLOWING MAFIC DYKE	
641.1	16.5			DIA	MAFIC DYKE FG CHILL MARGIN AMPB FSP BIOT LOC RICH BIOTITIC BNDS PEARLY T EXTURE MG BLEBS & TRACES PO & PY 1% WELL FOTC	65
646.0	4.9			GWKE	SLCS MTSD BIOT QTZ FSP FINE TO MG LI GHT TC MED GY	
745.2	99.2			DIA	AS TO 641.1 THIS MAFIC DYKE HAS SEDI MENTARY INCS THROUGHOUT THE SEDS ARE MAINLY SLCS & FG BUT AT 662.0 TO 66 3.7 THERE IS A CALCAREOUS LENOLITH THE MAFIC DYKE IS GENERALLY GRN PEAR LY TEXTURED & MG AMPB BIOT FSP THE	
					CPNTACTS WITHINCORPORATED SEDS ARE NEARLY IMPOSSIBLE TO DELINEATE AT 69 8.2 SHARP DEFINABLE CONTACT BETWEEN MAFIC & FOLLOWING ARK GRADATIONAL CO NTACT AT BOTTOM AT 706.2 THESE INCS APPEAR TO BE SIMILAR TO THE NON CONT	
					INUOUS LNSS OF SEDS FOUND IN THE DIA DYKES ON SURFACE FOR EXAMPLE AT 730. 0 THERE IS DEFINITELY A MTSD BIOT QT Z FSP GAR SCH WELL FOTD AT 75 DEGREE	
747.6	2.4			QTE	PURE TO IMPURE FG TO MG WHITE TO MED GY LOC CHLC & SRCC	
748.6	1.0			SKN	DIOPSIDE TYPICAL BOTTLE GRN MED TOC G QTZ 20 TO 30% DIOPSIDE 60% CALC 15 % EFFERVESCES RAPIDLY WITH ACID SHAR P 60 DEGREE CONTACTS TOP & BOTTOM WI TH QTE	
759.2	10.6			QTE	IMPURE MAFIC WELL FOTD WKLY CONGATIC	65
					AT 756.7 TO 758.0 WKLY RADIOMETRI C FROM 757.3 TO 757.6(50 CPS) QTE IS MED TC DK GY MAFIC BNDS BIOT & FSP	
					758.1 TO 759.2 PO STRS LCC 1 TO 2%	
765.0	5.8			QTE	IMPURE SRCC WELL FOTD YELLOWISH GY M ED TO FG WKLY ARKOSIC	55
767.4	2.4			DIA	AS TO 641.1	
771.5	4.1			QTE	AS TO 765.0 90 DEGREE CONTACT TOP & 60 DEGREE CONTACT BOTTOM	
806.7	35.2			DIA	AS TO 641.1 QTZ VEINS 782.6 TO 783.4 & 791.2 TO 792.2 LOC CUT BY CALC VEINS	
809.7	3.0			SCH	QTZ FSP BIOT INTERBNDD WITH AN AMPH SCH WELL FOTD LOC GARNETIFEROUS APPE ARS FOLDED & CONTORTED AT 807.8	56
815.4	5.7			QTE	IMPURE MAFIC DIRTY MG GY TO MED DK	

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
					GY	
817.6	2.2			SCH	AS TO 809.7	
822.6	5.0			QTE	IMPURE MAFIC & SRCC MG GRADES GRADUA LLY INTO SCH 1-2% ZNS STR AT 822.5	
824.6	2.0			SCH	AS TO 809.7	
841.3	16.7			QTE	IMPURE DIRTY CHLC & SRCC LOC CALCARE OUS FOLDED & CONTORTED MG MED TO DK GY LOC INCORPORATED ARKOSIC BNDS FOT D ANYWHERE FROM 10 TO 80 DEGREES	
846.3	5.0	FX011794	MVVW	QTE	AS TO 841.3	
847.6	1.3	FX011795	MVW	QTE	AS TO 841.3 PY 1% WKLY RADIOMETRIC	
852.6	5.0	FX011796	MVVW	QTE	AS TO 841.3	
857.7	5.1			QTE	AS TO 841.3	
859.2	1.5			ARK	WHITE TO LIGHT GY SRCC MG WELL FOTD SHARP 70 DEGREE CONTACT WITH FOLLOWI NG MAFIC	64
870.7	11.5			DIA	MAFIC DYKE FG CALC VEINS THROUGHOUT AS TO 641.1 SHARP 90 DEGREE CONTACT WITH FOLLOWING ARK LOC BLEBS PO & PY 1%	
876.7	6.0			ARK	AS TO 859.2	
881.5	4.8			DIA	MAFIC DYKE AS TO 870.7 GRADATIONAL CONTACT TOP & SHARP 90DEGREE CONTAC T BOTTOM	
914.9	33.4			ARK	AS TO 859.2 LOC FUCHSITE BNDS FOLDIN G IN AREA READILY BREAKS ON FOTN PLA NE	
928.9	14.0			SCH	BIOT QTZ FSP CHL WELL FOTD LOC 1 TO 2 MM PHCR FSP MTSD EXTREMELY BIOTITI C IN ZONES MG TO FG LIGHT TO MED GY BECOMING SLCS NEAR LOWER CONTACT FOL DED & CONTORTED AT 926.0 PY BLEBS 1% NEAR CONTACT	75
938.5	9.6			QTE	IMPURE SRCC & MAFIC VERY IMPURE & CL OSELY RESEMBLES ABOVE ARK(859.2) HIG HLY FOLDED MG MED GY TO LOC YELLOWIS H GY	
962.1	23.6			ARK	AS TO 859.2 LAST 5 FT ARE VERY DIRTY BIOT & CHL RICH PO STRA & PY BLEBS 1% IN CONTACT ZONE	
996.7	34.6			DIA	AS TO 870.7	
997.8	1.1			QTE	AS TO 841.3 10 TO 15% DIOPSIDE SKN V ERY SRCC	
1005.6	7.8			QTE	AS TO 997.8 NO SKN	
1016.5	10.9			DIA	AS TO 745.2 PARA AMPH (Q) DK GRN MG	
1027.1	10.6	FX011797	MVVW	UM	MED TO CG NON CALCAREOUS VERY WKLY M TO LOC TALCOSIC & SRPD GY TO LIGHT C RN RELIC OLIVINE GRAINS (QQ)	
1081.0	53.9			ARK	AS TO 859.2 FOTD FOOT OF HOLE	72

ASSAYS OF THE FOLLOWING ELEMENTS WERE REQUESTED FOR THIS HOLE.....CU, NI, ZN, PM, U

FOR THIS HOLE, ASSAYS OF THE FOLLOWING ELEMENTS HAVE BEEN RECEIVED..AU, CO, CU, FE, NI, OP, PD, PT, S , SG, ZN, TH, U

BOREHOLE SUMMARY
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FOOTAGE	MNZN	ROCK
28.0		
29.4		CALC
30.8		SCH
32.7		DIA
33.3		SCH
34.8		DIA
43.0		SCH
44.8		DIA
46.2		SCH
49.2		DIA
58.6		SCH
66.8		AMPH
68.2		SCH
79.5		DIA
80.3	MVVW	UM
81.1	MVVW	DIA
103.7	MVVW	UM
109.8		SCH
170.3	MVVW	UM
176.8		ARK
187.8	MVVW	UM
191.9		ARK
199.2		AMPH
202.6	MVVW	UM
204.5		ARK
224.4		SCH
239.5		GWKE
246.5		QTE
248.1		SCH
252.0		QTE
255.0		ARG
270.0	MVVW	UM
275.0	MVVW	SCH
280.3	MVVW	UM
284.6		SCH
285.3		PEG
287.3		ARK
291.9		ARG
298.1		SKN
301.2		QTE
313.5		SCH
320.5		SKN
327.7		QTE
329.9		AMPH
335.8		SCH

345.9		SKN
346.7		DIA
349.7		SCH
355.6		QTE
359.0		SCH
361.7		QTE
366.6		DIA
368.9		QTE
377.6		SCH
408.0	MVVW	UM
408.6	MVVW	DIA
409.6	MVVW	UM
410.6	MVVW	DIA
427.6	MVVW	UM
442.0		QTE
442.8		DIA
452.4		QTE
467.4		GWKE
470.7		QTE
486.7		GWKE
491.2		QTE
492.7		DIA
495.2		ARK
498.3		DIA
513.4		QTE
514.0		DIA
516.1		QTZ
522.8	MVVW	UM
540.2		QTE
541.0		DIA
552.4		QTE
568.2		DIA
592.3		QTE
593.7		CONG
598.1		QTE
599.3		CONG
599.6		ARG
624.6		QTE
641.1		DIA
646.0		GWKE
745.2		DIA
747.6		QTE
748.6		SKN
765.0		QTE
767.4		DIA
771.5		QTE
806.7		DIA
809.7		SCH
815.4		QTE
817.6		SCH
822.6		QTE
824.6		SCH
841.3		QTE
846.3	MVVW	QTE
847.6	MVW	QTE
852.6	MVVW	QTE

857.7		QTE
859.2		ARK
870.7		DIA
876.7		ARK
881.5		DIA
914.9		ARK
928.9		SCH
938.5		QTE
962.1		ARK
996.7		DIA
1005.6		QTE
1016.5		DIA
1027.1	MVVW	UM
1081.0		ARK

BOREHOLE RECORD
****

DATE PROCESSED APR 19,1973

CHK'D.....

BOREHOLE#	PROPERTY	NTS#	SH#	ANOM#	DEPTH	AZIMUTH	DIP	LATITUDE	DEPARTURE	ELEVATION	LEVEL
55301-0	SAKAMI PROJECT	33F 2W			227	180 00	-45 00	N 910	W 3400		

DATE.....

INCLINATION AND TROPARI TESTS

DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP

TOPS OF WEDGES

LOGGED BY..SAUERBREI A STARTED..OCT 03,1972 COMPLETED..OCT 08,1972

COMMENTS

DRLD CANICO WINKIE T WAKEGIJIG-IEX-PERMIT 548 ZONE 2
24 FT EW CASING & SHOE #937 LEFT IN HOLE

SAMPLE ENTRIES

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
0.0	0.0				COLLAR	
23.0	23.0				EW CASING SOC-GRAVEL & SAND	
23.8	0.8	FX011888	MVVW	QTE	ARKOSIC-LT TO MED GY WELL FOTD-QTZ-F SP MINOR BIOT QTZ VEINING PLL FOTN C	35
					ONTACT LOST DUE TO GRINDING	
28.2	4.4	FX011888	MVVW	QTE	IMP DIRTY MED TO DK GY MG QTZ 5 TO 20% MAFICS BIOT & SOME SRCC MASS TO LOC FOTD LCC INDISTINCT PEBBLES ELONGATED UP TO .5 INCH UP TO 20% PEBBLES CONTACT WITH FOLLOWING SHARP SLLY I	40
					REG AT 40 DEGREES	
29.7	1.5	FX011889	MVVW	SCH	(Q) BK DK GY LOC BRWN MG TC CG MASS TO FOTD IN LAST FT OF SECTION 90 TO 100% MAFIC PREDCMINANTLY BIOT WITH RANDOM ORIENTATED LATHS AMPB UP TO .5 INCH IN LENGTH POSSIBLE LARGE QTZ	52
					PEBBLE CR VEIN AT 33.5 SCTD LOCAL GRAINS OF PY CONTACT WITH FOLLOWING SHARP AT 70 DEGREES	
31.5	1.8	FX011890	MVVW	SCH	AS TO 29.7	
33.0	1.5	FX011891	MVVW	SCH	AS TO 29.7 TS C-72 3154 META ARG @ 32.8 FT	
34.3	1.3	FX011892	MVVW	SCH	AS TO 29.7	
39.3	5.0	FX011893	MVVW	QTE	LT TO MED GY MG LOC WKLY FOTD MAFIC CONTENT 5 TO 10% IMP INDISTINCT PEBBLES CCMMCN THROUGHOUT SECTION APPROX 20% PEBBLES ROUNDED TO ELCNGATED .25 TO 1 INCH LONG PY CP & PO UP TP 2	49
					TO 3% LOC AT 44.4 & 46.8 INCL SKN AT 46.8 GRADATIONAL CONTACT WITH FOLLOWING SECTION	
48.7	9.4			QTE	AS TO 39.3	
53.7	5.0	FX011894	MVVW	QTE	AS TO 39.3	
55.4	1.7	FX011895	MVVW	QTE	AS TO 39.3	
56.0	0.6	FX011896	MVVW	QTE	AS TO 39.3	
56.6	0.6	FX011896	MVW	CONG	QTZ PEBBLE MED TO DK BY MG MTX OF QTZ BIOT SULPS MAINLY PY MINOR PO & CP SULP CONTENT AS HIGH AS 5% LOC & MA	

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
					INLY 1 TO 2% DISTINCT QTZ PEBBLES AP PROX 70% OF RK LESS STRAINED ROUNDED TO SLLY ELONGATED UP TO 1 INCH IN LENGTH GRADATIONAL CONTACT	
58.1	1.5	FX011897	MVW	CONG	AS TC 56.6	
59.4	1.3	FX011898	MVW	CONG	AS TO 56.6	
61.1	1.7	FX011899	MVW	CONG	AS TO 56.6	
66.1	5.0	FX011900	MVVW	QTE	MAINLY MED GY LOC LT & LOC DK GY MG MASS TO LOC WKLY FOTD MAINLY IMP QTE	60
					WITH LOCAL INDISTINCT PEBBLY SECTIO NS AS HIGH AS 30 TO 40% PEBBLES MAIN LY ELCNGATED STRETCHED QTZ PEBBLES .25 TO 1 INCH IN LENGTH LOC 1% PY MAFIC CONTENT 25% BIOT SRCC CONTACT IS GRADATIONAL	
71.1	5.0	FX013368	MVVW	QTE	AS TO 66.1	
77.4	6.3	FX013369	MVVW	QTE	AS TO 66.1	
79.2	1.8	FX013370	MVVW	QTE	AS TO 66.1	
79.5	0.3	FX013370	MVVW	CONG	QTZ PEBBLE LT TO MED TO DK GY MG MTX OF QTZ BIOT SRCC MINOR LOC PY 1% MASS TO LCC FOTD FROM 79.2 TO 86.0	65
					PEBBLES ARE DISTINCT & ELONGATED COMPOSE 70 TO 80% OF EK GENERALLY .25 TC .5 INCH IN LENGTH BUT LOC GREATER THAN 1 INCH LOC ROUNDED PEBBLES AS WELL FROM 86.0 TO 96.0 LESS DISTINCT 50 TO 60% PEBBLES GRAD ATIONAL CONTACT	
82.2	2.7	FX013371	MVVW	CONG	AS TO 79.5	
85.0	2.8	FX013372	MVVW	CONG	AS TC 79.5	
89.6	4.6	FXC13373	MVVW	CONG	AS TO 79.5	
91.7	2.1	FXC13374	MVVW	CONG	AS TO 79.5	
95.9	4.2	FX013375	MVVW	CONG	AS TO 79.5	
97.5	1.6	FX013376	MVVW	CONG	QTZ PEBBLE GRADES FRCM DISTINCT PEBB LES AT TOP OF SECTION TO LESS DISTIN CT AT BOTTOM PEBBLES ARE ELONGATED & LOC APPEAR TO BE BXTD 40 TO 50% PEB BLES LOC MTX RICH SECTICNS CORRESPON D TO BEST RADIOACTIVITY MTX IS BIOT	
					SRCC QTZ NON PYRITIC CONTACT LOST DU E TO GC MTX CONTAINS MORE BIOT & SRC T THAN AT 79.5	
98.9	1.4	FX013377	MVVW	CONG	AS TO 97.5	
100.3	1.4	FX013378	MVVW	CONG	AS TO 97.5	
101.0	0.7	FX013379	MVVW	CONG	AS TO 97.5	
105.3	4.3	FX013379	MVVW	QTE	IMP MINOR LOCAL SECTIONS OF INDISTIN CT PEBBLES MASS TO WKLY FOTD LOC SEA MS OF DIOPSIDE CALCAREOUS .25 INCH IN THICKNESS MG MED TC DK GY CONTACT GRADATICNAL	60
119.5	14.2			QTE	AS TO 105.3	
124.5	5.0	FX013380	MVVW	QTE	AS TO 105.3	
127.5	3.0	FX013381	MVW	CONG	QTZ PEBBLE (QTZ VEIN 125.8 TO 127.2) 50 TO 80% PEBBLES SHARPLY TO LOC VA GUELY DEFINED ELCNGATED AS WELL AS	

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
					ROUNDED PY 1 TO 3% MTX IS BIOTIC SRCC & QTZ RICH CONTACT GRADATIONAL	
129.8	2.3	FX013382	MVW	CONG	AS TO 127.5	
131.4	1.6	FX013383	MVW	CONG	AS TO 127.5	
134.8	3.4	FX013384	MVVW	QTE	LOC VAGUE SMALL QTZ PEBBLES IMP MED TO DK GY MAFIC CONTENT 20% LOCAL MIN OR TRACE PY 1% GRADATIONAL CONTACT	
137.0	2.2	FX013385	MVW	CONG	AS TO 131.4 PY 1% SHARP BUT IREG CON TACT WITH FOLLOWING AT 70 DEGREES	
142.0	5.0	FX013386	MVVW	GWKE	PREVICUSLY CALLED ARG IN BH 49867 & BELIEVED TO BE TUFF DK GY FG MASS TO POORLY FOTD 30 TO 40% MAFICS MAIN LY BIOT REST IS QTZ POSSIBLY FSP SHA RP CONTACTS & GRADATION IN GRAIN SIZ E OVER .1 FT INDICATE TOPS TO TOP OF HOLE IE NORTH IREG VEINS & PATCHES OF CALC THROUGHOUT SECTION SHARP & IRREGULAR CONTACT AT 60 DEGREES	70
153.6	11.6			GWKE	AS TO 142.0 TS C-72-3155 TUFF (RHYOL) @ 142.5 FT	
158.7	5.1			ARK	PEBBLY POSSIBLY RHYO DCT LT DK GY FG RK FOTD 35 TO 40% PEBBLES QTZ & K-S PAR PEBBLES ARE ELONGATED TO ROUNDED UP TO .25 INCH IN SIZE MTX CONTAIS QTZ BIOT PY 1% CONTACT SHARP TS C-72-3156 RHY PRPH @ 154.8 FT	60
162.2	3.5			GWKE	AS TO 142.0 CONTACT SHARP AT 75 DEGR EES TS C-72-3157 @ 158.5 FT RHYODACITIC TUFF	
166.1	3.9			ARK	AS TO 158.7 CONTACT LOST DUE TO GC	
170.6	4.5			QTE	IMP LT TO DK GY FG MASS MINOR LOC PE BLLY SECTICNS MAFICS 5% GRADATIONAL CONTACT	
174.3	3.7			QTE	IMP SRCC LT TO MED GY FG TO MG FOTN DUE TC SRCC LOC MAFIC BND GRADATIONA L CONTACT	65
179.1	4.8			CONG	QTZ PEBBLE NCN RADIOMETRIC PY 1 TO 2 % ELONGATED SUB ROUNDED DISTINCT TO SOMEWHAT INDISTINCT QTZ PEBBLES 50 T O 60% PEBBLES QTZ BIOT SRCC MTX CONT ACT WITH FOLLOWING SECTION LOST DUE TO GRINDING	
181.2	2.1			ARG	BIOT RICH LOC QTE RICH FG TO MG DK GY TO BK CONTACT GRADATIONAL BIOT QTZ WITH SCME CARBONACEOUS MATERIAL	
184.9	3.7			QTE	(Q) DIRTY OR SLCS ARG FG TO MG MED TO GY GRN QTZ BIOT MINOR BLEBS PY 1% CONTACT WITH FOLLOWING BIOTIC ARG SHARP AT 70 DEGREES	
196.2	11.3			ARG	AS TO 181.2 BUT MAINLY BICT RICH WIT H MUCH LESS QTZ & NO CALCAREOUS MATE RIAL BECOMING WKLY SLCS NEAR LOWER C ONTACT INCL DIA DYKE AT 188.5 TO 189 .8 CONTACT WITH FOLLOWING SHARP AT 6 5 DEGREES	

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
227.0	30.8			DIA	DYKE MEC TO DK GRN MG WITH FG CHILL MARGINS AMPB FSP BIOT BECOMING MORE FSP RICH NEAR BOTTOM POSSIBLE INCL QTE AT 216.5 TO 216.9 FOOT OF HOLE	

ASSAYS OF THE FOLLOWING ELEMENTS WERE REQUESTED FOR THIS HOLE.....PM, U

FOR THIS HOLE, ASSAYS OF THE FOLLOWING ELEMENTS HAVE BEEN RECEIVED..TH, U

BOREHOLE SUMMARY
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FOOTAGE	MNZN	ROCK
23.0		
28.2	MVVW	QTE
34.3	MVVW	SCH
39.3	MVVW	QTE
48.7		QTE
56.0	MVVW	QTE
61.1	MVW	CONG
79.2	MVVW	QTE
101.0	MVVW	CONG
105.3	MVVW	QTE
119.5		QTE
124.5	MVVW	QTE
131.4	MVW	CONG
134.8	MVVW	QTE
137.0	MVW	CONG
142.0	MVVW	GWKE
153.6		GWKE
158.7		ARK
162.2		GWKE
166.1		ARK
174.3		QTE
179.1		CONG
181.2		ARG
184.9		QTE
196.2		ARG
227.0		DIA

BOREHOLE RECORD
****

DATE PROCESSED APR 19,1973

CHK'D.....

BOREHOLE#	PROPERTY	NTS#	SH#	ANOM#	DEPTH	AZIMUTH	DIP	LATITUDE	DEPARTURE	ELEVATION	LEVEL
55302-0	SAKAMI PROJECT	33F 2W			228	180 00	-45 00	N 780	W 3600		

DATE.....

INCLINATION AND TROPARI TESTS

DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP

TOPS OF WEDGES

LOGGED BY..SAUERBREI A STARTED..OCT 03,1972 COMPLETED..OCT 10,1972

COMMENTS

DRLD CANICO WINKIE EXT L KEARNEY PERMIT 548 ZONE 2 13 FT EW CASING & SHOE #938 LEFT IN HOLE

SAMPLE ENTRIES

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
0.0	0.0				COLLAR	
13.0	13.0				EW CASING SOC SAND & GRAVEL	
13.3	0.3	FX013387	MVVW	GWKE	DK GY FN TO MG WKLY FOTD 30 TO 40% BIOT CHL SRCT QTZ POSSIBLY MINOR FSP	60
					CONTACT LOST DUE TO GC	
14.1	0.8	FX013387	MVVW	CONG	QTZ PEBBLE MED TO LT GY MG MTX OF QT Z BIOT & VERY MINOR LOCAL PY 1% LO C FOTD QTZ PEBBLES DISTINCT TO LOC VAGUE WITH SOME SECTIONS IMPURE QTE WITH NO PEBBLES PEBBLES COMMONLY	60
					ELONGATED UP TO 60% PEBBLES .25 TO 1 INCH IN SIZE CONTACT GRADTIONAL	
19.1	5.0	FX013388	MVVW	CONG	AS TO 14.1	
24.0	4.9	FX013389	MVVW	CONG	AS TO 14.1	
28.1	4.1	FX013390	MVVW	QTE	IMP SRCC FOTD LT GY MG CONTACT LOST DUE TO GC	65
29.0	0.9	FX013390	MVW	CONG	QTZ PEBBLE MED GY WKLY FOTD PEBBLES ELONGATED LOC PY 1% PEBBLES DISTINCT 70 TO 80% OF EK CONTACT SHARP & CON FORMABLE AT 55 DEGREES	60
29.7	0.7	FX013391	MVW	CONG	AS TO 29.0	
34.7	5.0	FX013392	MVVW	ARK	PEBBLY NOW RHYO DCT MED GY TO LT GY	
					CLASTS OF QTZ WITH SOME FSP AVERAGIN G .1 TO .16 INCH IN LENGTH PY 1% PH CR FOTD AT 55 DEGREES CONTACT LOST DUE TO GC	
49.0	14.3			ARK	AS TO 34.7	
54.0	5.0	FX013393	MVVW	ARK	AS TO 34.7	
55.4	1.4	FX013394	MVW	CONG	QTZ PEBBLE PEBBLES DISTINCT ELONGATE D TO ROUNDED .25 TO 1 INCH IN SIZE & COMPRISE 70 TO 80% OF EK WKLY LOC FOTD MTX QTZ BIOT PY 1 TO 2% CONTACT SHARP AT 55 DEGREES	55
56.7	1.3	FX013395	MVW	CONG	AS TO 55.4	
58.1	1.4	FX013396	MVW	CONG	AS TO 55.4	
60.2	2.1	FX013397	MVVW	QTE	IMP MED TO DK GY MG ARGILLACEOUS QTE WKLY FOTD QTZ FSP BIOT CONTACT SHAR P & CONFORMABLE AT 60 DEGREES	60

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
61.7	1.5	FX013398	MVW	CCNG	QTZ PEBBLE 70 TO 80% PEBBLES WELL DE FINED TO LOC VAGUE ELONGATED TO ROUN DED FCTD MTX BIOT QTZ PY 1 TO 2% CON TACT WITH FOLLOWING SHARP AT 6K DEGR EES	55
63.6	1.9	FX013399	MVW	CONG	AS TO 61.7	
65.2	1.6	FXC134CC	MVW	CCNG	AS TC 61.7	
70.2	5.0	FX011901	MVVW	QTE	MED GY MG FOTD LOCAL SMALL ELONGATED QTZ PEBBLES LOC PY 1% IMP BIOT & C CHL 10 TO 15% GRADATIONAL CONTACT	65
71.7	1.5	FX011902	MVW	CCNG	QTZ PEBBLE VAGUELY TO WELL DEFINED P EBBLES ELONGATED IN DIRECTION OF FOT N 70% PEBBLES MTX QTZ BIOT PY 1 TO 3 % CONTACT SHARP & CONFORMABLE	65
74.0	2.3	FX011903	MVW	CCNG	AS TO 71.7	
76.0	2.0	FX011904	MVVW	QTE	LT TC MED GY FN TO MG WELL FOTD IMP MAINLY SRCC BUT WITH LOCAL BIOT & CH L POSSIBLE QTZ VEIN @ 75.1 TO 75.6 GRADATIONAL CONTACT	55
76.7	0.7	FX011904	MVW	CONG	QTZ PEBBLE MED GY WITH DISTINCT TO LOC VAGUE PEBBLES COMPRISING 70% OF RK COMMONLY ELONGATED ALONG FOTN LOC ROUNDED FROM .25 TO 1.25 INCHES LONG MTX QTZ BIOT PY 1 TO 5% LOC LOCAL SECTICNS IMP QTE FROM 75.5 TO 77.0 & 77.7 TO 78.5 & 102.0 TO 103.5 QTZ VEINIGN AT 87.5 TO 87.8 & 99.0 TO 100.1 SHARP CONTACT AT 50 DEGREES	60
78.6	1.9	FX011905	MVW	CCNG	AS TO 76.7	
79.8	1.2	FX011906	MVW	CCNG	AS TO 76.7	
82.3	2.5	FX011907	MVW	CCNG	AS TC 76.7	
83.9	1.6	FX011908	MVW	CONG	AS TO 76.7	
85.0	1.1	FX011909	MVW	CCNG	AS TO 76.7	
87.7	2.7	FX011910	MVW	CCNG	AS TO 76.7	
89.1	1.4	FX011911	MVW	CCNG	AS TO 76.7	
90.5	1.4	FXC11912	MVW	CCNG	AS TO 76.7	
92.0	1.5	FX011913	MVW	CONG	AS TC 76.7	
93.7	1.7	FX011914	MVW	CONG	AS TO 76.7	
95.0	1.3	FX011915	MVW	CCNG	AS TO 76.7	
96.4	1.4	FX011916	MVW	CCNG	AS TO 76.7	
97.4	1.0	FX011917	MVW	CCNG	AS TO 76.7	
100.8	3.4	FX011918	MVW	CONG	AS TO 76.7	
104.7	3.9	FX011919	MVW	CCNG	AS TO 76.7	
105.3	0.6	FX011920	MVVW	CONG	AS TO 76.7	
109.7	4.4	FX011920	MVVW	DIA	(Q) MAFIC DYKE MED TO DK GY MG MASS TO LOC WKLY FOTD INCS OF SED IN LAST .8 FT CONTACT WITH FOLLOWING SHARP BUT IREG AT 55 DEGREES	
128.7	19.0			DIA	AS TO 109.7	
131.6	2.9			GWKE	DIRTY MED TO DK GY FN TC MG FOTD 15 TO 20% BIOT 8 TO 10% SMALL ELCNGATED PHCR CF QTZ & FSP MINOR PY 1% LOCA L IREG BLEBS QTZ SHARP CONTACT AT 55 DEGREES TS C-72-3170 @ 130.5 FT	60

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
					RHYOLITIC TUFF	
137.6	6.0			ARK	LT CHERTY GY COLCR FG MASS TO LOC WK LY FOTD TRACES SCTD PY 1% QTZ FSP	55
					& MINCR MAFICS POSSIBLE QTE CONTACT SHARP BUT SLLY IREG AT 60DEGREES	
138.2	0.6	FX011921	MVVW	ARK	AS TO 137.6	
142.6	4.4	FX011921	MVVW	GWKE	POSSIBLE VOLC MEC TO DK GY TO GRNISH GY FN TO MG WKLY FOTD MAFIC CONTENT 25% POSSIBLE EPIDOTE ALTN IMPARTS	65
					GRN COLCR TO RK PY IN STRS NEAR LOWER CONTACT	
147.6	5.0	FX011922	MVVW	GWKE	AS TO 142.6	
150.0	2.4	FX011923	MVVW	GWKE	AS TO 142.6	
152.0	2.0	FX011923	MVVW	QTZ	MASS LT QTZ VEIN MATERIAL BLEBS PY CONTACT SHARP BUT IREG AT 70 DEGREES	
152.6	0.6	FX011923	MVVW	CONG	QTZ PEBBLE PEBBLES SMALL SOMEWHAT INDISTINCT WLONGATED MTX QTZ BIOT 1% PY CONTACT SHARP & IREG	
153.6	1.0	FX011924	MVVW	CONG	AS TO 152.6	
155.1	1.5	FX011924	MVVW	QTZ	VEIN AS TO 152.0 CONTACT SHARP & SLLY IREG AT 60 DEGREES	
157.6	2.5	FX011924	MVW	CONG	QTZ PEBBLE LT TO MED GY MG LOC FOTD PEBBLES DISTINCT TO LOC INDISTINCT COMMONLY COMPRISE 70 TO 80% OF RK COMMONLY ELONGATED .25 TO 1.25 INCH IN LENGTH MTX QTZ BIOT PY 1 TO 3% LOC AS HIGH AS 10% LOCAL SECTIONS	50
					QTE WITH OR WITHOUT MINOR PEBBLES AT 160.8 TO 161.4 & 165.0 TO 165.9 & 172.2 TO 173.0 & 178.9 TO 180.0 & 183.6 TO 184.9 CONTACT GRADATIONAL	
160.0	2.4	FX011925	MVW	CONG	AS TO 157.6	
160.8	0.8	FX011926	MVW	CONG	AS TO 157.6	
163.0	2.2	FX011927	MVW	CONG	AS TO 157.6	
164.5	1.5	FX011928	MVW	CONG	AS TO 157.6	
166.0	1.5	FX011929	MVW	CONG	AS TO 157.6	
167.0	1.0	FX011930	MVW	CONG	AS TO 157.6	
168.3	1.3	FX011931	MVW	CONG	AS TO 157.6	
169.5	1.2	FX011932	MVW	CONG	AS TO 157.6	
170.9	1.4	FX011933	MVW	CONG	AS TO 157.6	
173.6	2.7	FX011934	MVW	CONG	AS TO 157.6	
178.8	5.2	FX011935	MVW	CONG	AS TO 157.6	
183.8	5.0	FX011936	MVW	CONG	AS TO 157.6	
184.9	1.1			CONG	AS TO 157.6	
186.8	1.9			QTE	IMP SRCC WHITISH GY FG FOTD CONTACT LOST INGC	50
190.0	3.2			QTE	MED TO DK GY IMP MINCR LOCAL VAGUE PEBBLES CONTACT SHARP BUT IREG	
196.4	6.4			SKN	CALC SILICATE(MTSO) CALC QTZ DIOPSIDE MG DK GRN CONTACT SHARP BUT SLLY IREG AT 30 DEGREES	
202.9	6.5			CONG	MAINLY VAGUE PEBBLESWITH LOCAL SECTIONS OF WELL DEFINED PEBBLES FOTD PEBBLES ELONGATED PY PRESENT FROM 202.0 TO 222.0 VARIES FROM 1% TO LOC 3	50

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
					TO 5% QTZ VEIN 200.0 3 200.6 & 224.	
					0 TO 225.2 SRCC QTE FROM 217.0 TO 21	
					8.4 & 226.4 3 227.2	
207.9	5.0	FX011937	MVVW	CONG	AS TC 202.9	
209.4	1.5	FX011938	MVVW	CONG	AS TO 202.9	
211.6	2.2	FX011939	MVVW	CONG	AS TO 202.9	
216.6	5.0	FX011940	MVVW	CONG	AS TO 202.9	
228.0	11.4			CONG	AS TO 202.9 FOOT OF HOLE	

ASSAYS OF THE FOLLOWING ELEMENTS WERE REQUESTED FOR THIS HOLE.....PM, U

FOR THIS HOLE, ASSAYS OF THE FOLLOWING ELEMENTS HAVE BEEN RECEIVED..TH, U

BOREHOLE SUMMARY
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FOOTAGE	MNZN	ROCK
13.0		
13.3	MVVW	GWKE
24.0	MVVW	CONG
28.1	MVVW	QTE
29.7	MVW	CONG
34.7	MVVW	ARK
49.0		ARK
54.0	MVVW	ARK
58.1	MVW	CONG
60.2	MVVW	QTE
65.2	MVW	CONG
70.2	MVVW	QTE
74.0	MVW	CONG
76.0	MVVW	QTE
104.7	MVW	CONG
105.3	MVVW	CONG
109.7	MVVW	DIA
128.7		DIA
131.6		GWKE
137.6		ARK
138.2	MVVW	ARK
150.0	MVVW	GWKE
152.0	MVVW	QTZ
153.6	MVVW	CONG
155.1	MVVW	QTZ
183.8	MVW	CONG
184.9		CONG
190.0		QTE
196.4		SKN
202.9		CONG
216.6	MVVW	CONG
228.0		CONG

BOREHOLE RECORD
****

DATE PROCESSED APR 19,1973

CHK'D.....

BOREHOLE#	PROPERTY	NTS#	SH#	ANOM#	DEPTH	AZIMUTH	DIP	LATITUDE	DEPARTURE	ELEVATION	LEVEL
55303-0	SAKAMI PROJECT	33F 2W			827	180 00	-50 00	N 1230	W 4000		

DATE.....

INCLINATION AND TROPARI TESTS

DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP
100		-42 30	200		-42 30	300		-42 30	400		-38 30	500		-38 00
600		-37 30	700		-33 30	800		-33 30						

TOPS OF WEDGES

LOGGED BY..SAUERBREI A STARTED..OCT 06,1972 COMPLETED..OCT 11,1972

COMMENTS

DRLD INSPIRATION AQ CORE PERMIT 548 ZONE 2 ALL CASING 18 FT LEFT IN HOLE

SAMPLE ENTRIES

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
0.0	0.0				COLLAR	
16.0	16.0				CASING SOC OB SILT GRVL & BLDRS	
24.7	8.7	FX011987		UMUB	GY PALE VAR SHRD VAR CARBONATED VAR DEV OF TREM-ANTH SUN	
25.0	0.3	FX011987		MTSD	CONTRAST SHARP TO BIO RICH COMP BNDD TREM-ANTH SCH WITH PATCHES OF GRN ACTINOLITE SCHY ABOUT 60 DEG SCH IS NON MAG POSS VOLC-SED	60
26.3	1.3	FX011987		UMUB	SHARP CT 50 DEG CARBONATED FEWER AND SMALLER TREM ANTH SEAMS	
28.5	2.2	FX011987		UM	SHARP GRAD CT 45 DEG TO CA MOUSE GY TALCOSE WITH V PROM SUNS OF TREM GRADES TO VFG TALC SCH WITH MT GRNS	50
43.2	14.7	FX011987		UM	SHARP GRAD CT MORE CARB'D PATCHES OF ACTIN & VFG AMPH RICH SCH BNDS POSS VOLC-SEDS NO ACTIN TILL 34.2 WHICH CORRESPONDS TO INCREASE IN VOLC SED INTERCALATIONS	60
44.0	0.8	FX011988		UB	SCH SHARP CT AT 45 DEG ACTIN WITH PY SLTY MGTC UPPER & LOWER CT CG BRN MICA 1IN WIDE ZONES LOWER CT 30 DEG C-72-3416 @ 43.4' PROBABLY ARGILLACECUS METASED	
44.4	0.4	FX011988		UM	WITH CRS GRN ACTIN SUNS BASAL CT 40	
44.8	0.4	FXC11988		UM	CT PHASE BIO RICH MNOR ACTIN AMPH BASAL CT 35 DEG APPROX PRLL TO HW CT	
45.7	0.9	FX011988		SCH	BIO ACTIN DISS PY PRBLY VOLC-SED	35
45.8	0.1	FX011988		SCH	MICA MUCH SMALLER THAN CT VAR & PROB META DERIVED C-72-3417 @ 45.0' PROB META ARG CT PHASE 2IN V CHLORITIC WITH BIO FLAKES & SHARP BASAL CT 40 DEG	40
46.5	0.7	FX011988		UM	MARGINAL VARIETY CG ACTIN SUNS	
47.6	1.1	FX011988		UM	FG TREM-ANTH SCH	45
48.0	0.4	FX011988		SCH	MARGINAL PHASE CG ACTIN SUNS BASAL CT SHARP PRLL TO FABRIC IN BRN BIO RICH DK ACTIN FERD SCH (VOLC-SED)	50

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
50.0	2.0	FX013426		SCH	FELDSPATHIC BRN BIO-RICH DK ACTIN	50
50.1	0.1			SCH	1IN BASAL PHASE WITH COARSER BIO SHARP CT AT 60 WITH LT GRN UM SCH	
53.0	2.9			SCH	BIO-AMPH WITH COARSE 2IN ZONES BIO WHERE IN CT WITH UM UPPER CT PRLL TO BASAL CT AT 60 DEG	55
					C-72-3418 @ 52.5' TUFFACEOUS METASED	
62.2	9.2			MTSD	NEMATOBLASTIC SCH U CT WITH UM 1INCH COARSER BROWN BIO DEVELOPMENT SCH SHOWS MORE MICACEOUS ALL WITH MORE SLCS BNDS APPROX .3FT EA AT 51FT TO .25 VS .15FT RESP AT 61FT CTS ABOUT 60 SHARP BASAL CT 60 AT 54.4 SHARP CONTACT WITH UM SCH	
					C-72-3419 @ 55.0' META GWKE	
63.2	1.0			SCH	BRN BIO-RICH CHL WITH QTZ SEAMS SHRP INTERFINGERED CT WITH BIO-RICH SCH PY	
72.5	9.3			SCH	SLCS (Q) FELD (Q) ACTIN TO DK GRN AMPH DEFINITELY MORE QTZOSE DOWN HOLE IE TOWARD TOPS	60
					C-72-3420 @ 38.9' META GWKE	
					C-72-3421 @ 72.0' PROB MAFIC METAVOLC	
73.9	1.4			SCH	V FG NEMATOBLASTIC (THREAD-LIKE) TREMOLITIC BASAL CT MORE BIO ENRICHD	60
84.3	10.4			SCH	NEMATOBLASTIC DK GRN TREMOLITE MORE SLCS QTZOSE TOWARD TOP I.E. DOWNHOLE SHARP IRREG CT PREVIOUS AMPH SCHS VOLCANOSED NOT FINER-GRAINED (NOR QUENCHED) AGAINST XTL TUFF	40
					C-72-3422 @ 75.4' (MAFIC META VOLC)	
					C-72-3423 @ 79.8' (MAFIC META VOLC)	
102.2	17.9			TUFF	XTL LAPILLI (3-4MM) MAFIC SCHLIEREN V ELLIPTICAL IN FABRIC PLANE 75 DEG TO CA	
					C-72-3424 @ 84.6' PRPC RHYODACITE	
					C-72-3425 @ 98.6' PRPC RHYODACITE	
102.9	0.7			SCH	BRN MICA RICH MAFIC SCHIST	65
103.7	0.8			SED	VOLCAN- PLANES ORIENTED 30 DEG TO 50 SHARP CT INTERCALATED WITH MORE BIO RICH PHASE AT 103.7 TO 104.0	60
104.7	1.0			MTSD	V FG PYC QTZOSE WITH STRETCHED MAFIC SCHLIEREN MORE AMPH RICH SHARP CT 60 DEG TO CORE AXIS	
					C-72-3426 @ 104.3' META GWKE	
104.9	0.2	FX011969		UM	MORE COARSE GR BRN BIO ALTN ZONE MICA BOOKS IN RANDOM ORIENT IN TALCOSE MATRIX	
107.0	2.1	FX011989		UM	COARSE TREM SUNS IN TALCOSE MATRIX SHARP BASAL CT 70 DEG CA	
107.5	0.5			SED	VOLCAN- BRN BIO RICH DK GRN AMPH BEARING FABRIC 75-80 DEG MARG BRN RICH ALTN ZONES APPROX 0.2 FT WIDE	
					C-72-3427 @ 107.3' PROB ARGILLACEOUS	

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
					META GWKE	
107.7	0.2			SED	ALTD BASAL BRN BIO-RICH ZONE	
107.9	0.2	FX011990		SED	AS TO ABOVE BIO MORE RANDOMLY SET IN MORE CHL-TALC MATRIX	
108.4	0.5	FX011990		UM	WITH COARSE TREM SUNS SHARP CT 70	
108.6	0.2			UM	AS TO 107.7 MORE BRN BIO-RICH ALTN ZONE WITH MORE CHL MATRIX CT 60 DEG	70
115.6	7.0			DRGN	DK GRN FELDC AMPH SUBOPH TEXT PRESERVED MARGIN LOCATED FG PHASES FROM 108.6 TO 109.6 AND 115.0 TO 115.6 CHILL (Q) C-72-3428 @ 112.7' PROB A MAFIC VOLC	
115.7	0.1			MTVC	SHARP CT 55 MARG BRN BIO-RICH ALTN PHASE REASONABLY SHARP & PRLL BASAL CT	60
116.5	0.8			UM	V FG TREM SCH WITH DISS OPAQUES GRAD CT	
117.5	1.0			UM	RUBBLE MORE MASS STEATITE	
118.0	0.5			UM	TALC AS MTRX MNOR TREM-ANTH SUNS ZONED SRPD OLIV	
125.0	7.0	FX011992		UM	AS TO ABOVE	
129.5	4.5	FX011992		UM	CG CLVN DECREASING IN SIZE MTRX DECREASING	30
132.6	3.1	FX011993		UM	AS TO ABOVE	
139.0	6.4	FX011993		DNT	IRREG CTS TALC MTRX SOME OPAQUE GNS	
141.5	2.5	FX011993		UM	CG CLVN LATHS TCS MTRX	45
150.0	8.5	FX011993		UM	CG OL RICH TLCS MTRX	
175.0	25.0	FX011994		UM	AS TO ABOVE	
184.0	9.0	FX011995		UM	AS TO ABOVE	
195.0	11.0	FX011996		UM	AS TO ABOVE MORE DUNITIC SGMTS TYPE A	
200.0	5.0	FX011997		UM	AS TO ABOVE TYPE B	
206.0	6.0	FX013410		UM	GRAD CT TYBE A TO TYPE B	
217.5	11.5	FX013410		UM	TYPE B INCREASE TO TALC MATRIX	
219.0	1.5	FX013410		UM	TYPE B	
225.0	6.0	FX013411		UM	TYPE A GRANR DUNITE	
236.5	11.5	FX013402		UM	AS TO ABOVE	
250.0	13.5	FX013403		UM	TRANSL TWEEN A & B TYPES	
250.2	0.2	FX013404		UM	AS TO ABOVE	
251.1	0.9	FX013404		UM	AS TO ABOVE	
251.6	0.5	FX013404		UM	A TYPE	
252.1	0.5	FX013404		UM	B TYPE	
252.6	0.5	FX013404		UM	A TYPE	
255.6	3.0	FX013404		UM	CG CLVN MNOR AREAS B TYPE GRAD TO C	
261.5	5.9	FX013404		UM	GRAD C	
270.5	9.0	FX013405		UM	TYPE A	
276.3	5.8	FX013406		UM	TYPE B TO C	
281.8	5.5	FX011998		UM	MASS TLC RICH	60
283.5	1.7	FX011999		UM	TYPE C	
286.8	3.3	FX012000		UM	VARIETY OF TYPE C	
296.1	9.3	FX013401		UM	TYPE B	
305.9	9.8	FX013407		UM	VAR OF C	
317.5	11.6	FX013408		UM	TYPE B SOME C VARIETY	
322.8	5.3	FX013409		UM	VARIETY C	
325.7	2.9	FX013416		LM	MASS STEATITE SOME SCHIST	60

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
328.7	3.0	FX013417		UM	AS ABOVE	
332.2	3.5	FX013418		UM	TYPE C	
332.8	0.6	FX013419		UM	AS TO 328.7	
334.0	1.2	FX013420		UM	TYPE C	
335.9	1.9	FX013421		UM	MASS TO SCH	60
339.6	3.7	FX013422		UM	TYPE C BUT MORE EQUANT	
340.8	1.2	FX013423		UM	CHL LATHS DECUSSATE	
					C-72-3429 @ 340.5 PROB ARGILLACECUS	
					META GWKE	
359.7	18.9	FX013424		UM	TREM ANTHOPHYLLITE SCH	70
379.7	20.0			TUFF	MASS PLAG LAPILLI WITH MAFIC SCHLIER	65
					EN	
					C-72-3430 @ 361.8' PRPC RHYODACITE	
					C-72-3431 @ 379.3' PRPC RHYODACITE	
407.4	27.7	FX013425		UM	TREM-ANTH TALC SCH CT PHASE AT 379.9	60
423.6	16.2			MTSD	PALE GRN ACTIN WITH EYES OF DIOP &	
					AUGEN & BCUDEN OF MORE SLCS BEDS	
					C-72-3432 @ 409.2 CALCAVECUS META	
					SEDS C-72-3433 @ 420.3' PROB META	
					ARGILLITE	
425.2	1.6			MTSD	V SLCS CT AT 50 SHARP	
427.0	1.8			SCH	BRN BIO CHL MTSD FABRIC BASAL CT 65	65
439.1	12.1			ARK	CR BNCD IMP QTE-LT SLCS CREAMY GY TO	60
					MED GY/FN TO MG-WELL FOTC-QTZ & FSP	
					MINOR MAFICS FROM 433.8 TO 436.3 MA	
					FIC CONTENT 5-10% CONTAINS SMALL QTZ	
					PHCR ELONGATED IN DIRECTION OF FO	
					TN COULD BE PEBBLY ARK CR VOLC FROM	
					438.7 TO 438.9 IS A QTZ PEBBLE CONG	
					438.9 TO 439.0 IS CONFORMABLE ARG BN	
					D FOLLOWING CONTACT SHARP & CONFORMA	
					BLE AT 55 DEGREES	
					C-72-3434 @ 438.0' RHYODACITIC TUFF	
447.6	8.5			ARG	DK GY TO GRNISH GY MG WELL FOTD (65	
					DEGREES @ 439.5 & 45 DEGREES @ 447.0	
					) 30 TO 40% BIOT & CHL REMAINDER QTZ	
					& PROBABLY SOME FSP WHICH COMMONLY	
					OCCUR AS VERY NARROW CONFORMABLE LNS	
					S CONTACT SHARP IREG & DISCONFORMABL	
					E @ 60 DEGREES	
449.5	1.9			QTE	WHITE QTZ VEIN WITH MAFIC INCS GRADA	
					TIONAL CONTACT	
461.1	11.6			QTE	MED TO DK GY MG WKLY FOTD TO LOC MAS	65
					S IMP MAFICS 5 TO 20% MAINLY BIOT WI	
					TH SOME SECTIONS OF SRCT LOCAL QTZ V	
					EINING MINOR LOC SECTIONS WITH QTZ P	
					EBBLES GRADATIONAL CONTACT	
					C-72-3425 @ 453.7	
465.9	4.8	FX011941	MVVW	QTE	AS TO 461.1	
466.1	0.2	FX011941	MVVW	CONG	QTZ PEBBLE LARGE ELONGATED TO ROUNDE	
					D PEBBLES 1/16 TO 1/2 INCH IN LENGTH	
					70% OF RK MTX BIOT QTZ & 1% PY CON	
					TACT SHARP AT 65 DEGREES	
466.4	0.3	FX011942	MVVW	CONG	AS TO 466.1	
467.6	1.2	FX011942	MVVW	QTE	QTZ VEIN CONTACT LOST DUE TO GC	

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
468.0	0.4	FX011942	MVW	CONG	QTZ PEBBLE PYRITIC PEBBLES ARE WELL DEFINED & COMPRISE 80 TO 85% OF RK E LONGATED TO ROUNDED & VARY FROM 1/8 TO 1 INCH IN LENGTH LT GY TO LOC MED GY MTX BIOT & QTZ WITH 1 TO 3% PY-C ONTACT SHARP & IREG @ 90 DEGREES	
469.0	1.0	FX011943	MVW	CONG	AS TO 468.0	
470.2	1.2	FX011944	MVW	CONG	AS TO 468.0	
470.7	0.5	FX011945	MVW	CONG	AS TO 468.0	
472.2	1.5	FX011945	MVVW	QTE	QTZ VEIN CONTACT VAGUE	
474.2	2.0	FX011945	MVVW	QTE	IMP MED GY MG POORLY FOTD 5 TO 15% M AFICS WITH LOCAL VAGUELY DEFINED PEB BLY SECTIONS GRADATIONAL CONTACT	
476.2	2.0	FX011946	MVW	CONG	QTZ PEBBLES PYRITIC MED GY WITH LOCA L LT TO DK GY WKLY FOTD 70 TO 85% PE BBLES LOC 50% COMMONLY WELL DEFINED LOC INDISTINCT ELONGATED TO ROUNDED 1/8 TO 1 INCH IN LENGTH MTX QTZ BIOT & PY-PY 1 TO 3% LOC 10 TO 15% QTZ V EIN FROM 476.6 TO 478.8 P 486.2 TO 4 86.5 & 490.1 TO 491.1 IMP QTE WITH L OCAL PEBBLES FROM 493.9 TO 496.4 WEL L FOTD IMP SRCC QTE FROM 512.9 TO 51 4.1 CONTACT SHARP BUT IREG AT 20 TO 30 DEGREES	60
480.0	3.8	FX011947	MVW	CONG	AS TO 476.2	
481.0	1.0	FX011948	MVW	CONG	AS TO 476.2	
482.1	1.1	FX011949	MVW	CONG	AS TO 476.2	
483.2	1.1	FX011950	MVW	CONG	AS TO 476.2	
484.5	1.3	FX011951	MVW	CONG	AS TO 476.2	
486.0	1.5	FX011952	MVW	CONG	AS TO 476.2	
488.4	2.4	FX011953	MVW	CONG	AS TO 476.2	
490.1	1.7	FX011954	MVW	CONG	AS TO 476.2	
492.1	2.0	FX011955	MVW	CONG	AS TO 476.2	
493.6	1.5	FX011956	MVW	CONG	AS TO 476.2	
495.3	1.7	FX011957	MVW	CONG	AS TO 476.2	
497.3	2.0	FX011958	MVW	CONG	AS TO 476.2	
499.8	2.5	FX011959	MVW	CONG	AS TO 476.2	
502.4	2.6	FX011960	MVW	CONG	AS TO 476.2	
503.6	1.2	FX011961	MVW	CONG	AS TO 476.2	
506.2	2.6	FX011962	MVW	CONG	AS TO 476.2	
507.3	1.1	FX011963	MVW	CONG	AS TO 476.2	
509.2	1.9	FX011964	MVW	CONG	AS TO 476.2	
512.2	3.0	FX011965	MVW	CONG	AS TO 476.2	
515.6	3.4	FX011966	MVW	CONG	AS TO 476.2	
516.5	0.9	FX011967	MVVW	TUFF	MED TO DK GY LOC LT-FG-MTX OF QTZ-FS P-BIOT WITH SMALL ANGULAR TO ROUNDED FRAGMENTS AS LARGE AS 1/16 INCH MIN OR LOCAL PY 1% AMPUNT OF FRAGMENTS DECREASES MARKEDLY IN TOP .2 FT AGA INST CONTACT WITH ABOVE CONG & SUGGE STS TOPS TO TOP OF HOLE CONTACT SHAR P AT 60 DEGREES	
516.9	0.4	FX011967	MVVW	CONG	QTZ PEBBLE AS TO 476.2 CONTACT SHARP AT 40 DEGREES ALONG BIOT CHL ALTD Z	

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
					ONE UP TO .5 INCH THICK	
521.0	4.1	FX011967	MVVW	TUFF	MED GY TO PINKISH GRN GY MASS CLASTS ARE 5 TO 40% ANGULAR CLASTS OF FSP	
					QTZ VARYING IN SIZE FROM 1/32 TO 1/1 6 INCH LONG ALSO LARGE BK LITHIC FRA GMENTS MTX QTZ FSP BIOT MINOR PY 1% VEIN OF K SPAR .25 TO .5 INCH THICK CLAST POOR ZONES WITH ONLY 5% CLAST S CONTACT SHARP BUT LOC IREG AT 34 D	
					EGREES	
539.8	18.8			TUFF	AS TO 521.0	
					C-72-3436 @ 538.1 PRPC RHYODACITE	
540.8	1.0			CONG	QTZ PEBBLE PEBBLES 80 TO 90% ELONGAT ED AT 65 DEGREES MINOR PY 1% CONTAC T SHARP AT 45 DEGREES & DISCORDENT T	
					O ELONGATION OF QTZ PEBBLES AREA OF GC	
544.0	3.2			TUFF	AS TO 521.0 CONTACT SHARP BUT VERY I REG LARGE LITHIC FRAGMENTS UP TO .5 .75 INCH IN LENGTH	
546.6	2.6			CONG	QTZ PEBBLE DISTINCT TO INDISTINCT PE	
					BBLES 50 TO 70% LOC PY AS HIGH AS 1% 545.9 TO 546.1 DIOPSIDE SKN BND 40% DIOPSIDE 40% QTZ 20% CALC PEBBLES E LONGATED AT 68 TO 70 DEGREES CONTACT S WITH SKN ZONE RELATIVELY SHARP AT 80 DEGREES GRADING OUT OF PEBBLES IN	
					TO NON RADIOMETRIC SRCC QTE CONTACT GRADATIONAL	
548.3	1.7	FX011968	MVVW	CONG	AS TO 546.6	
550.9	2.6	FX011968	MVVW	QTE	IMPURE SRCC MED TO LT GY YELLOWISH T ING LOC IMP MAFIC BNDS MG CONTACT SH ARP AT 63 DEGREES	
551.6	0.7	FX011968	MVVW	CONG	AS TO 548.3 WKLY RADIO METRIC CONTAC T SHARP AT 62 DEGREES	
552.7	1.1	FX011969	MVVW	CONG	AS TO 551.6	
557.7	5.0	FX011970	MVVW	DIA	MAFIC DYKE DK GRN TO BK MG AMPB FSP BIOT & MINOR CHL PEARLY TEXTURED LOC CALCAREOUS ZONES BECOMING MORE BIOT	
					IC TOWARDS BOTTOM	
608.6	50.9			DIA	AS TO 557.7	
					C-72-3437 @ 603.3 (MAFIC VOLC ORDIA)	
					C-72-3428 @ 604.2' META DIA	
610.1	1.5			GWKE	LITHIC .25 TO .5 INCH LITHIC FRAGMEN TS PLL TO FOTN MED TO DK GY FN TO MG	85
					CONTACT SHARP BUT IREG QTZ FSP BIOT	
					TS C-72-3439 @ 609.7' META GWKE	
615.6	5.5			DIA	AS TO 608.6 MORE BIOT RICH CONTACT S HARP BUT IREG AT 55 DEGREES	
620.0	4.4			GWKE	AS TO 610.1 CONTACT SHARP BUT IREG A T 55 DEGREES	
					TS C-72-3440 @ 619.3' META GWKE	
625.0	5.0	FX011971	MVVW	TUFF	AS TO 610.1	
626.2	1.2	FX011972	MVW	CONG	QTZ PEBBLE MAINLY ELOGATED TO SUB R OUNDED PEBBLES FROM 1/8 TO 1 INCH	

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
					IN SIZE CONTACT SHARP & IREG AT 70 D	
					EGREES PY 1 TO 2% 70 TO 80% PEBBLES	
627.5	1.3	FX011973	MVW	CONG	AS TO 626.2	
629.5	2.0	FX011974	MVW	CONG	AS TO 626.2	
631.8	2.3	FX011975	MVW	CONG	AS TO 626.2	
635.5	3.7	FX011976	MVW	CONG	AS TO 626.2	
637.2	1.7	FX011977	MVVW	GWKE	AS TO 610.1 MORE BIOTIC SHARP & IREG	
					CONTACT AT 50 DEGREES	
					TS C-72-3441 @ 636.6' META GWKE	
639.1	1.9	FX011977	MVVW	CONG	AS TO 626.2 7Y 1% BECOMING SKN RICH	
					TOWARDS BOTTOM SHARP CONTACT AT 50	
					DEGREES	
641.5	2.4	FX011978	MVVW	CONG	AS TO 639.1	
642.1	0.6	FX011979	MVVW	CONG	AS TO 639.1	
646.5	4.4	FX011979	MVVW	SCH	GAR AMPB BIOT LOC FSPATHIC MG TO CG	
					DK GY TO MED GRN LOC LARGE GARNETS U	
					P TO .5 INCH IN SIZE SHARP IREG CONT	
					ACT AT 45 DEGREES	
659.2	12.7			SCH	AS TO 646.5	
					TS C-72-3442 @ 652.2' QTZ BIO	
					ANTOPHYLLITE SCH	
660.4	1.2	FX011980	MVVW	SCH	AS TO 646.5	
661.3	0.9	FX011980	MVVW	CONG	QTZ PEBBLE LARGE 1 TO 2 INCH PEBBLES	
					ELOGATED NON PYRITIC NON RADIOMETR	
					IC PEBBLE BOUNDARIES ARE LESS DISTIN	
					CT SHARP 80 DEGREE CONTACT WITH FOLL	
					OWING	
662.2	0.9	FX011980	MVVW	TUFF	AS TO 610.1 45 DEGREE CONTACT WITH F	
					OLLOWING	
664.2	2.0	FX011980	MVVW	QTE	WITH CONGATIC BNDS IMP DIRTY MAFIC B	
					NOD CONGATIC BNDS HAVE INDISTINCT PO	
					ORLY DEFINED PEBBLES WKLY RADIOMETRI	
					C VERY WKLY PY 1% PEBBLES ARE .5 T	
					O .75 INCH IN SIZE	
666.0	1.8	FX011981	MVVW	QTE	AS TO 664.2	
668.2	2.2	FX011982	MVVW	QTE	AS TO 664.2	
					TS C-72-3443 @ 666.2' CONGLOMERITIC	
					QTE	
671.5	3.3	FX011983	MVVW	QTE	AS TO 664.2	
673.2	1.7	FX011983	MVVW	DIA	MAFIC DYKE FG DK GRN TO BK FG VERSIO	
					N OF DIA AT 608.6 INCS SKN CONTACT P	
					OOR	
680.2	7.0			DIA	AS TO 673.2	
683.2	3.0			QTE	SRCC & MAFIC FOTO MG MED GY TO LT GY	65
					CONTACT SHARP AT 80 DEGREES	
691.1	7.9			DIA	AS TO 673.2	
693.8	2.7	FX011984	MVVW	DIA	AS TO 673.2	
695.9	2.1	FX011984	MVVW	CONG	(Q) WKLY NON PYRITIC NON RADIOMETRIC	
					SMALL .25 TO .5 INCH QTZ PEBBLES (IN	
					DISTICT) BIOT & CHL MTX GRADATIONAL	
					CONTACT	
696.1	0.2	FX011984	MVVW	QTE	IMP MAFIC & SRCC MG WHITE TO MED GY	75
					FOTO SHARP CONFORMABLE CONTACT AT 70	
					DEGREES	
696.4	0.3	FX011985	MVVW	QTE	AS TO 696.1	

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG
701.4	5.0	FX011986	MVVW	QTE	AS TO 696.1	
724.5	23.1			QTE	AS TO 696.1	
					TS C-72-3444 @ 712.3' QTE	
769.4	44.9			DIA	MAFIC DYKE AS TO 557.7 CONTACT SHARP	
					AT 65 DEGREES	
796.8	27.4			QTE	10 TO 15% PEBBLES SRCC & MAFIC LOC I	
					NCS SKN & LITHIC TUFFS QTZ PEBBLES	
					ARE GEN NAR & ELONGD ALTHOUGH SOME	
					ARE RNDD TO SUB RNDD CT IRREG AT 70	
					TS-C-72-3445 @ 772.6' CONGLOMERATE	
					TS-C-72-3446 @ 782.8' META GWKE	
					TS C-72-3447 @ 786.8' QUARTZITIC	
					META SED	
801.9	5.1			SCH	AMPB BIOT CHL GAR MNOR FSP MG DK TO	65
					MG FGTD CT SHARP AT 70	
					TS C-72-3448 @ 800.5' AMPH SCH	
802.6	0.7	FX013412		UM	MARG CHL WITH TREM SUNS SCH	
804.8	2.2	FX013413		UM	TREM SUNS TALC SCH	55
814.3	9.5	FX013414		UM	TREM SUNS TALC SCH	60
815.9	1.6	FX013415		DIO	MG BASIC MOTTLED NO FABRIC	
					TS C-72-3449 @ 815.0' META DIA	
827.0	11.1			DIO	AS ABOVE MORE LINEATED ACTIN PHASE	
					BARREN PO PY PN (Q) FOOT OF HOLE	

ASSAYS OF THE FOLLOWING ELEMENTS WERE REQUESTED FOR THIS HOLE.....CU, NI, ZN, PM, U

FOR THIS HOLE, ASSAYS OF THE FOLLOWING ELEMENTS HAVE BEEN RECEIVED..TH, U , CC, CU, FE, NI, S , SG, ZN

BOREHOLE SUMMARY
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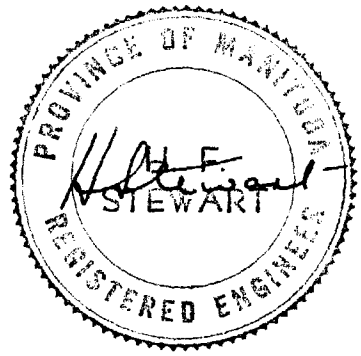
FOOTAGE	MNZN	ROCK
16.0		
24.7		UMUB
25.0		MTSD
26.3		UMUB
43.2		UM
44.0		UB
44.8		UM
45.8		SCH
47.6		UM
53.0		SCH
62.2		MTSD
84.3		SCH
102.2		TUFF
102.9		SCH
103.7		SED
104.7		MTSD
107.0		UM
107.9		SED

108.6		UM
115.6		DRGN
115.7		MTVC
132.6		UM
139.0		DNT
359.7		UM
379.7		TUFF
407.4		UM
425.2		MTSD
427.0		SCH
439.1		ARK
447.6		ARG
461.1		QTE
465.9	MVVW	QTE
466.4	MVVW	CONG
467.6	MVVW	QTE
470.7	MVW	CONG
474.2	MVVW	QTE
515.6	MVW	CONG
516.5	MVVW	TUFF
516.9	MVVW	CONG
521.0	MVVW	TUFF
539.8		TUFF
540.8		CONG
544.0		TUFF
546.6		CONG
548.3	MVVW	CONG
550.9	MVVW	QTE
552.7	MVVW	CONG
557.7	MVVW	DIA
608.6		DIA
610.1		GWKE
615.6		DIA
620.0		GWKE
625.0	MVVW	TUFF
635.5	MVW	CONG
637.2	MVVW	GWKE
642.1	MVVW	CONG
646.5	MVVW	SCH
659.2		SCH
660.4	MVVW	SCH
661.3	MVVW	CONG
662.2	MVVW	TUFF
671.5	MVVW	QTE
673.2	MVVW	DIA
680.2		DIA
683.2		QTE
691.1		DIA
693.8	MVVW	DIA
695.9	MVVW	CONG
701.4	MVVW	QTE
724.5		QTE
769.4		DIA
796.8		QTE
801.9		SCH
814.3		UM

827.0 DIO

APPENDIX "A"

TABLE OF CONTENTS



APPENDIX "B"

TABLE OF CONTENTS

SAKAMI PROJECT

GEOLOGICAL LEGEND

1, a, b, c, d	Mafic volcanics ; in part amphibolitic (1a), with minor sediments (1b), pillow mafic (1c), massive to foliated (1d)
2, a, b, c, d	Sediments ; greywacke (2a), arkose (2b) ; argillite (2c), dopside skarn (2d)
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 (6a) ; amphibolitic (6b) ; talc schist (6c).
7	Iron formation
8	Polymictic conglomerate
	Outcrop
	Geological contact , defined , assumed , projected
	Fault zone : - defined , inferred
70°	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 .
	Pillows with observed tops

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62