

BRITYAIH RIVRA SYNDLCATE

JERYIS THLEX PRORERTE, B.C.
$\frac{\text { germystcaz, geowogrcal }}{\text { and }}$ grogrgmeal suryezs
Lindar 1-23 Claim Group
$50^{\circ} 00^{\prime}, 124^{\circ} 05^{\prime} \mathrm{W}$
$92 F / 16 E, 92 K / 1 E$

Detober. 1971.
Department of

Mines and Petroleum Nesoarces ASSESSMENT REFORT

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\text { ASSESSME } \\
\text { NO } 3329 \mathrm{MAP} \\
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$$ $2^{4 t}$ 100"



 APPENOED 50 DEROBE:

The IIold prograt turing Augent and segtenber, 1972, on

 arces of lnown mimeraliontion. The oceuztenees are in milo-
 DLedem Movntain, northuege of Jexvie Inide. B.C.

The purpose of the work was to atitupt ea trace the


 tharough he centre the proptrty.



 and is probably xratic and saxuve at apth.

4 IImited area covering the lower bhowtes was teated th



 Lackeaton usgevt that the woures wey be that woth und of the geochenteal amonaly This area in worth father Iavestignton an
 hy accese to the clitif of Didan tountain; A small copper-beanimg
 stathem end ot the geocherda anomaly.

 4-4

## I. Thypobicito

Daring the phriod Augugt 4 to Soptember 24, 1971, 2 progreni of goological wapping, geophyaical wrweys and zoil grapliag wea eacried out on the 23 clasin property mowthwest of Mown Diadem, Jervis Inlet
 Syndicata. The Sydieate it emposed of four equal partimers - Home OLI Compnay Linited, Mtnorex Linited, Ghimo cold minas Limited and Vew Cakumet Mixey Limited. The work was pexforwect under the direction of Lo ©. White, Conamiting Enginamy mad Manager of the Syndicate, and
 Mine Limited.

The purpose of the work was to expleze in detail, by geophymicmi and geochomical aurveys, the two sections of the proparty contaiming axata of coppar-lend-zinc mineraliwitien and partheularly the portion of the grownd between the two showkig, wers permitked by topography.

The proparty has bear exmined and pxospected by many compapiam over the yeans, the tarlier work including two whoxt adits, and pumexom twenchem and tent pite. Lindted drililigg of the upper some in 1967, and survey aver the lower sons in 1970 wer the moet receat attempta te locace axtumaione of the showiag prior to this year's progran.

Te teat for extcanions of the kmom mineralized mones and for cdditienal areas of mineralization, th axea waid grided on the upper sone axteanding 1,700 fet north of the tranchati, with innea ruming
 to 1, 100 faet, as parmitted by topography. The lixem wera apaced to 100 foot intervale over the ohomingt, and at 200 foot latarvils over the northers extencion of the zonts. this gide was umed for geologienl mapping: and magantic and alectromagnesic marveys.

The lerwey howing area was covered by azat-wost grta 3 inas at 200 foot intervals ovar nortb-south loagth of 1,200 feet. Thit grid
 very ateop terrata. Thus, gemp of 1,150 teat rematn betwan the two gride, where innecutetag and maping sre preciuced. An oleetromagaetic survey and goechemadeal soil wurvey were performed on this grid. Hagnetie

11. proparty, Locmiog ABD Accsss:

The pxoperty hald under option by setteata
 1Letad follownt

LTwD 1 - I2 teluaive
LTMDA $13-23$ inelusive

Lecord yumbex
10701-10722 faclustive.
$12708-12713$ meluadve.

The claim are located th the Fancouver Mining Divialon northwost of Yount Diadem, mad wat of Brittain River, nituated nemz Prince of Walee zuach, Jexvis Inlet. The coordinetes near the aentxe of the
 lecation is approximately 65 air wiles noxthwest of Vancouver, 4 mled weot of Jarvie Inlet, at an alevation of 3,800 teet. A creet on the weat ilde of the proparty flowe south through e promiment valley into Khartown Lake, and then fate Lole Lake to the gouthwent.

Tramoportation to the property 14 by mean of halicopter T (xom Vancouvar of Rovall River (via Cambell miver), or by car to Egmont and then by water taxi up Jervis Zalet to an old dock at the mouth of Hrittain $\mathrm{Liver}_{\text {, thence by old trail or helleopter to the property: }}$ The trail troe Briteain River up No Man": Creek wte wed by ankiez prospectork, but had since growh in, med it quite precipitous, so it Ls not nutable for srasporting equipment.

Loginim roadw weed by Mowillua Bloedel extend frote the highway at Long Bay, aouth of Powell River, to the eat and of Fralda Lake, about in miles weat of the centre of the property. From this potnt the property could be reached on foot, by climbing to the rin aouth of skain kaka, thence south to the campalte at the upper showing. Thie route has posibilitiae a future resd, but would involva a grent deal of costly reck work over step baze outerop wean

## 12I. TOPOCRAFKY:

 mountainoun country with numerove citits and ridges nad treeply cat otrem valleye. The elevatton on the property farten from approximately 2,700 feet at the wouth boundery to neariy 5,000 feet at the north boundary. The upper showing, at clevation 3,800 fact, is located at the loweat end of a matrew velley which brocdeas to a widar ridge, south of Skwim Luke, boort 3,000 feet north of the whowing. Thil valley ie cut by numeroue deep ereek gulley;, and ie aurrownded by very tteep elifit from 500 to 800 fete high, dropping into adjacent walleys.

The lower adit is located 2,200 reat south of the upper trencheis, at an levakion of 2,700 teet. The trail joining the two showing traverse over vary steep tarxala and cliffs, ware zopes axe required tor matety, This actlon, covering sbout 1,000 feet horisontaily is


The alimate during the oumser months is vaxiable, with condidarabla. preelpitation throughout the year. In 1971, the upper part of the property bbove 3,500 taet way still covered with 5 to 10 feet of mow in tid July. some now rewained in creck walleye in september, bet did not hamper field work. Hewy fog and rak with very limited vialbility produce hatardoua condicloms for ground work and helicopter aceens, for prolonged pexiods 04 up te 1 wak.

## 17. MXGTOR

Yollowing work on the property in early yeare dating back to 1920, which matily twolved proppecting for gold, and axaminatione
 Bullie (1967), the wast recent urploration efforte ware gaologieal mappling of the upper howiag in 1957, dimmond drililing of the upper showing by sphare pevelepmeat Corp.itd. In 1967, and geochemitoal tad seophysteal muspeys of the lewat ahowing axan in 1970 by ziger shwer Minue Linted. The ownarg of the clatme bave thoroughly proapected much of the growid, including two ohort drill heles in Wo. 2 trench of the uppor mherfing and mumerove thallow ters pite and tranchor, The work by Buchhols and Bullte in 1967 Led to reeommandathoms foz geophywital eurvmye prior to diemond 4rilikng, but tha
 of the coppex-iead-xive mineralisution enpowad in trwach Wo. I. In 1970. Tiger gatvar kinot Limited perfoxmed magnetombor amd geochamical soil auway (Ca, Za) over the area of the Lowar thoutnge. Prioz to 1971, ne luctromanetie survay kiad bua dome on the property. nad magnetometar work bad not covered the upper obowinge of ext mation: of this wan te the merth. Geologieni wapping had been IImited to m ase 600 fent $b 500$ fent suxrounding the upper uhowinge.

The thzee trancias of the mppar ahowing were omplind by Bxchholx and Buliliw in 1967, tha remilay wase describad in thotr reperte.
 as followay

| Zenge | True yldith | 95.Ax | OngA | \% ${ }^{\text {Ex }}$ | \% Qa |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Adit | 7.0 㸱 | . 035 | 6.3 | 17.9 | 0.96 |
| *1. Trenco | 17.3 : ${ }^{\text {\% }}$ | . 045 | 8.8 | 3.0 | 1.19 |
| *2. Tremeh | 35.0 14. | .016 | 2.28 | 7.6 | 0.21 |
| 4 Tranch | 1. 5t. | Trs. | 0.1 | 0.23 | 0.20 |

It way not cinarly natablithed by mapiag or drililing that the mineralisetion is continuow betrean tranthey 1, 2 and 3, althowgh they clearly Ile within the thear mont. Wach nttentios has been given


 $0.08 x$ Cd. This zone containe abundunt lanses of mamive pyrthotite. with anam of mandy chaleopyrita and mphalerite up to 4 inchea in width, wall narrow chalcopyrithatriogexe on fracture planea.

## 7. cyplogy:




Mo. 39 - Geology of Lower Jervis Inlet, W. \&, Bacox, 1957, and will be ummazised only in thin report.

The property lias antrely within anorthweeterly atriking bait of tteeply-dipping sedinentary and volemite rocke of undeternined age murroundad by Coart Range Intrueivea, malniy granodionite and diorite. Most of the belt le occupied by meditenta over about $m$ mie in width, with basic voleanics ocearring in mome arasa near the acetern contact. The aedimente are known to hive vertical extent of at leant 4,000 feet, exthading trom an alevation of 2,000 feet to the top of Hexme DLedua.

On the Brittain Rdver Syadieate property, the eediames are compoesd minily of thin bedded shaly argilittes, interbedded with inc-

 exops of quartate occur in the nozthern part of the property, and in many cased are diffienlt to diatingutioh from fine-grained dioxte intrueiven.

The aedimate are cut by irregulay dioxite dyke asaociated with minot cramyeree faulte and are tighty folded in taeply pluging attitudes, The mineralimation oecurs as very fine dissominetioni of pyrite and pyrchotite ofar large area of the property, gezendily in the more iliceou argillite bedia "and in vary erratic concentratione along fealt menes asociated with dioxite dyhes. The mppex zone of minaralimatiow ineludae lensae of maesive wiphides in whear zonev aseceiated with bolding and crose-faulting, am dacribed by Bulif (1967.)

V1. grocosxcay suryex - 1972:
a) Upper Shoutag Areia.

Since provious aspping of the property had bean lindted to the lmadiate area of the trenches, and lictie of the geclogy had been recorded in the northern part of the property, further mapping in comjunction with geophygical work was required to invastigate ponsibilities of sditional copper-sine mineralisation. A baie iine, bearing y $10^{\circ}$ Ant, wee tatahlished over a length of 2,200 faet, exteading 4 rom Trench \#3 at $4+00 \mathrm{~s}$, to a poiat at $14+60$ Morth, considered aufilelent to eower the mont promining ares. North of thic gxid, outcropa are mumenous and lazge, and were mapped from a eepondary baen Line at $16+00 \mathrm{~W}$ pace and compas: control. Fieker linas wezt rua amet and went of the


The accompanying geolegical plan at a acale of I fnch to 100 taet, ILlustratas onterop geology withit the grid area, had recomatissamee geology extending 1,400 leet north of the grid. te provide a general cxomseection over a width of 2,000 feet. Tim and weather did net permit detailed mapping in this northem area, to that reology io generalized to some axtant.












 pyrike.





 sones.



 of the man wrat.














察ect north.








1s met claziy dofined, but local drag told nad warping appeat to be an important control.

A nep exposure of copper ainezalization wan located on the anat side of tha ereek gulley, noxtheat of Wo. 1 Trench, at $3+60 \mathrm{~s}$, $0+20 \mathrm{E}$. A atrrow diozite intruaive varying in width to 4 feez stwiten $830^{\circ} \mathrm{M}$, toward the Ne. 1 Trench tren cood chalcopyrite cineralization to a maxtman wicth of 2 teet oceurs on the north contect of thit dyise, out apparently in ituited to lesm thsn 20 teet in length. It in conetdered that there in definite relationship between sulphide mineralination and thee dykes, vhen mufileiant Gracturing il devaloped ta the tolded wedimenta.

Adalcienal treaching on ohewing located th $4+60 \mathrm{~s}, 2+00$ W, on shear some parallel to the 10.1 Trench mone; zevealed copper and mine minaralisation over 13 teot. A chip ample over the low grade wastari section retwrned $0.44 \% \mathrm{Gu}$ and $0.34 \mathrm{~g}_{\mathrm{g}} \mathrm{zn}$ over 10 foet, and an casay of bettar grade antarial in the centre of the trench ram 0.90\%

1.2

## b) Lover Showing Area

 powible from the north grid down the eteep trail, to tio in the lower ghowiug for futura ztructural interpretetion. A geid waw astabliehed from the noet northerly point poseible, wa carriad couth and hat to the linit of accene on the klamk of Mount Disem. Th wouth weatent part of the guld extende to cllift dropping into Lois Creek valley. Gadd linas were entablished at 200 leot intervals frow bate line beariag $\$ 10^{\circ} \mathrm{w}$. Due to a heavy uodergzowth of davil'e alub ond brambles in mach of the area, line ware zun maluly by chain and compass with mannum of cueting.
 the geld aran. particularly ta the aumarn suckion, to good geolegienl interpretation iv not posmible trow mpping alone.

Scattered outcropr dincributed through the centwe of the grid wre manly manelye and bedded tmpure guartalte, come inghely mineralised with pyrite and vacy occanional traces of malmehite tain. The watexn section of the gutt is mainiy mpderlain by axgilites, with metorbodded volcanica, Tha clifif tacat on the northerw part of the grid ware not mapped in dutail, but ware proupected intemittanty an parmittad by
 exppedi in the adt mad trenche north of the adit. the oniy concentracton
 $5+00 \mathrm{E}$

4 anrow magatite sone 1 to 2 foen in width oceuz along the east coutect of gabbro dyke, striking $25^{\circ}$ W. Chaleopyrite oceure as discminution in the magetice nad cabbro over aidth of 2 feet. Adjoining this none to the eant are two additional burren dylcee 2 to 4 feet wide separated by 4 ieet of tuety goeman materlal darived frow aitered argililites. The trench was chip sampled over width of 15 teet, but copper valuee were quite 1ow. The beat ection, over a with of 3.5 feet acrose the magnette wents $\tan 0.20 \% \mathrm{Cu}, 0.02 \% \mathrm{Zn}$.

The magetite tone wat traced by traveraing on short lines at 25 foot intervall for approximately 600 feet to the morth. A teady weakenimg of the soad oceurs to the north. and the only exposure in a mall outcrop contained a 2 loot cluster of narrow seams of magetite. It is likely that the ment follown fatrusive contmet, but no further exposure of gabbre could be loceted. It 10 conceivable that thin one continsee wore strongly to the southcast, the noxthwest flank of Diadem Mountain. A large goasm with extemsive Iractuxing is exposed on the mountain alde on atrike of the howing, about 600 feet to the eoutheant. Spectal equipment and expexieneed climbers would be necessary to zeach the exponure, but further wart hould be done in the extak valley below the howing to the southoast.

Lithla new inforamion hat been obtained over the area betwean the north and eouth grids and it is unlikaly that conventional prospectint wothods would ad meh to the picture. A projection of the notth showiag to the 2 owes adit passes along the face of $\mathrm{m}_{\mathrm{m}}$ extremely temp cliti etrikiag parallel to the mineralised zoac. It in thought that the uppar land low soces are located in the
 Thus, the maeralized belt could have a cotal Ieagth of over 2,000 feet. The only tharough way to tert che sone would be by diamond drilliag from alacted locntion at regulan intervit.

## VIX. GEOPAYSICA SURVEYS:

## a) Slactromagnetic Suxyey - Hozth Grid

 wat puefexted, particularly in the southern part of the gaid where
 Wil wait. recaiving irem 3 in Grak, wimington, wae uacd to eover the grid Initialiy, with a Crome J. I,M. uxit to teat and nexem out momallem at required. In-Thase and Quadrature readingb are shown in prolile on the sccompaaying plas, expresed a percentage of slopeof reavitant Lit angles. The instrumant wased with the oparator tacting west, nownil to the direction of tramailesion from 3 im Creek. A mormal crose-over, indicating a conductor axis, would be denonstrated by positive In-Thase readings on the east side of the conductor, changlng to nugative Teading on the waet hide. Readimge were takn at 50 foet Intervale wherever posestible.

The hatrument did not roppond vell in dotail traverses at 25 foot liab Intervals over the Wo. 1 Trench azen, fuggesting a nazrow weak conductox of limitad length of lese than 200 feet, probably plunging ataeply to the southeast. Most of the profilea asa greatly axagerated and strongly fuclumeed by topographical features, much an aliff faces and high ateap slopte. It lo probable that matt of the aedinante axe very mildy condactive. that oteep moping face or bedrock overburden interface produtes the cifect of large conductive mans. Thave feakurea can be readily secognimed by the operator; but an iselated narrow conductor on hill-ilde could be sasked by the overall offect of the hill. The well-defined conductor indications art indicated on the plan, whowing wank trend extmang frow 10 N , \% to $14 \mathrm{k}, 3 \mathrm{~W}$, txiking inom due Morth

 pluaglug dow to the nast.
 the "pheotbeck" nethod with coll separation of 200 teet. Th Crone survey did not aupport the Vir conductort. indieating only a mary brow and very weak conductor, wight be retlected by elay-silled valley:

It is evident trow the EX aurvey that no atrongly conduceive sulphide bodise of appreciable trike langth oecur in tetitudee parallellug the sedinents. The He. 1 sexilis sugpected to be af limited length, ad very leary in natuxe. The minerallastion expeacd in the trench would mont definitely be conductive, if it were continueut vartically aud horimontally for 200 feat in each itrection. Addictomil larger leases dt greater depthe, but of hoxt length might asily remain undeteeted, hewtewax.
b) Magnetometer Survey - Moreh Crid

Because of the aseciation of copper and tac with pyrrhotite, a mangetie suxvey over the noxth gzid could be expected to locate any large bodiea of wach minazalization mear surface, au well to tolst it
 readinge vars takn et 25 to 50 foot intervale ovew the outhern paxt of the srid, and 100 foot $L$ ntervale over tha longer Liaes to the noxth. contrary to empettatian very close detall rading directiy over the best mineralization in Wo. 1 Treach howed practically no variabien In magnetic intensity, wagasting that the pyrrmetite mineralization us erratic, indicated by the work. A etrong local attraction wa noted over oue loot band of magnetite in Treach Wo, 2 , but only weak anomely of about 100 gemas was obtained over the ahear sone extending through the three trenahes. The few inne crouning the creek anst of the trenches, whare noxth-atriking faulc is sumpected, did not weveal suy significmet anomaly along the iawit, although more detais vould be nacestary to attempt to trice this feature.

A weakly anomalous bread zene trende in a northeanterly direction acrose the northera part of the grid, euggestiag from the centours a large continuou mase dipping southeasteriy. This feature doen not coinelde with the geological tnterpretation although it dons overly parts of the large lntruaive masas. Because of the lack of correlation thif featuze ke not given much Importance. It can be generally mald that theve ta inmufticlent inferenee in magetic propertien of the intrusives and admeats to permit acaurate interpolation of thetr bowidaries.

## t) ELectromagatte Burvey - South Gald

The Crone J.B.M. unit wat used axcluaively on the south grid. since the IInea ware suificientiy long to permit che use of a two-man unit lese sueceptible to topographic effecte than the vie unit wed ou the nowth grid. The instrvaent wained in the in-iine "phootbaekt configuration with coll separation of 200 teet. Both oparators racerd t11t anglet for high and low frequency, and the reanituat angles are ploted at the tid-point between the colle. steeply dipping conductors near auxface are indicated by positive readinge over the conductor and: With megmtive angles on ach ide of the posietve teadiags. Deaper conduntors nay not produce poastive seadinge, but veuld zoflect a curve In the proille covard the pouttive attitude. A compantwon of kigh and 10w fraquency wilues over conductore pernite an astesemant of the diagree of conductivity of the condueter.

The reault of the my survey are plotted in proflie on the ateached plan, bhowing aeparate profile: for high and low traquercy. The protiles generally indicate anly broad mones of very weak conductiviky over hearily overbuxdened valleys, which are Likely coused by clay-illled depreselend
 Gitect on the remitant angle te whom by the high poutelve raeding on the eastern an of thanes, where high positive reading indicate the teapunily slope up to the wast. A weakly conductive kzend oceure on
 of geod widh under tairiy heavy overburden, and warrentw further invertigution. A vartical loop unit could be wed in this area, where copography does not present a serlous problew, to obtain better depth coverage of thle mappeted conductor.

## VIIT. CgOCHBMCAK SURYEY - SOUYH GRID

4 so11 mempling naryey way carxied out ower the mouth gxid at 100 foet intervals, and the amples nalyed at Fancourver Geochemteal Loboxatories for copper sud molybdeaum. The maplea ware collected with
 Noet of the woll is predominantiy mady cley of loan, but where humu or other organic material wan present; the remult it marked clariy on the plan. The smplea were in-dried in caup tov blipment. An 0.5 g ample was caken frem the -80 if waction, digested in hot HC10 4 - Exos and malywed in Tachtron Atomie Abmorbtion unit, indicatimg reaulte In pazt per million. $A$ cotal of 94 ample ware collacted sand malyzed.

Prevtowe work over this area had been done for copper and tue, at double the line opsaing. The atne result wexe fneomciugive and of vary low maguitude, but the coppar anesy aggeeted the need for additional detail sa the area cant of the adtt.

The plen of the geochemical survey shows the contoured values of copper analyee at 30 pp intervals. A vexy $\operatorname{lear}$ and cenetauous momaly eatende parallel to the Lomational etrike; over length ef 800 feet, about 700 teet east of the base line. Thie clariflem monalous Indication from the previous aurvey. Scma tie-In gtation fion the other burvey are plotted for coupariwen, but are not weed in contouring. There im adefinite asoociation with a group of creak tributerian which closely tellow the crend of the anomily. This ia particulariy owident at $10+00$ s, $1+00$ 辛, where the cxeeke have joined inte narrow valley. The anomaly 1. coneldered to represeat drainage concentration of copper; ortginting trom powree near $4+00 \mathrm{~s}, 6+00 \mathrm{~s}$. The northern tection of the

 cource agt of the atram chanmels, a indicated by vaiues of 175 ppw . $65,9 \mathrm{I}_{0}$ and 85.8 s. These lecationa oceur on atoep slope to the west in area of talue mad ovexburden. An isolated value of 300 ppm at the cestern ad of lime 8 could be close to the sowxe of this momaly.

The copper-mgentite some at $12+00$, $3+00$ 立, Le on the wettern iringe of the maln copper anomaly, near a smpla zeturatug 72 ppm. Dratnage from thi sene would twavel mouth sud eas over the mejor clift pluaging dovn to Lote Exaek,

Slightly anowaloum molybdenum values oceux th the man area as tho coppar momalies, following the stream chanaele. One isolsted high value of 70 pps If locatad on the esekern hlank of the naln copper anomalys

## RECOMMENDATRONS:

1. The geochenical copper sumaly in the eastern ection of the outh grid ahould be choroughly tastad by trenchlug, prospecthe and detalled geophysict. A manetometer murvey nad vertical loop electrongenetic urvey on 50 foot by 100 toot pattern over the length of the anomit and on tits extenslons to the north and south hould locete any inpostant monea of minaralitation.
2. No farther work should be cone on the mpper howinge, at Leare until after the lower area in re-emanined. sinee previous drilling apparently did not conpletely cest the zone mier the No. 1 Trench, deeper hole could be justified if drili is brought to the propesty for work on the lower axed.
3. Since wasther conditions are mave favourable the lower -levacion, an carler atat would be posalble. A heliport has been establened on the aouth side of the grid to permit hellcoptex cecess: A tour-una cxe should begla the work in late July, and could complet the initlal vork ia bpproxinately chree weeks. The cost of the initigl work 1 e ntimated at $\$ 10.000$.

Respectully subaitted.

C. R. C-Dunlop. F.Eng.

Tomanto, Ontarto.
Octobar 29. 1971.

I HEREBY CERTIFY that the above programme was supervised
by G. R. Cunningham-Dunlop under my direction.

I. G. White, P. Eng.

DISTRIBUTION OF LABOUR AND COSTS FOR GEOPHYSICAL, GEOLOGICAL AND GEOCHEMICAL SURVEYS, AND TRENCHING, ON LINDA 1-23 INCL. CARRIED OUT FROM AUGUST 4SEPTEMBER 24, 1971

1. Electromagnetic Surveys:
L. Meindl - Control Survey, grid layout, linecutting and instrument operation - 17 days @ \$30/day $\$ 510.00$
C. Blore - Linecutting - 5 " " 23.08/day 115.40
J. A. Pollock - Linecutting - 5 " " 50/day 250.00
G. R. Dunlop - Supervision, Instruments 25 " " 75/day 1875.00
2. Magnetometer Survey:
L. Meindl - Instrument Operator - 8 days @ 30/day 240.00
G. R. Dunlop - Supervision \& detail - 2 " " 75/day 150.00
3. Geochemical Survey:
L. Meindl - Supervision, Records - 5 " " 30/day 150.00
B. Corrigan, Sampler, Linecutter - 5 " " 35/day 175.00
L. Bancroft, Sampler, Linecutter - $\quad 5 \quad$ " " $30 /$ day 150.00
4. Geological Mapping:
$\begin{array}{llrllll}\text { J. A. Pollock } & - & 15 & " & " & 50 / \text { day } & 750.00 \\ \text { G. R. Dunlop } & - & 8 & " & " & 75 / \text { day } & 600.00 \\ \text { L. Meindl } & - & 3 & " & " & 20 / \text { day } & 90.00\end{array}$
5. Trenching:
B. Corrigan

| 5 | $"$ | $"$ | $35 /$ day |
| :---: | :---: | :---: | :---: |
| 5 | $"$ | 175.00 |  |
| 8 | $"$ | $"$ | $30 /$ day |
|  |  |  | 150.00 |
|  |  | C/F | $\$ 00.00$ |

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\mathrm{B} / \mathrm{F} \quad \$ \quad 5780.40
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Equipment:
Ronka EM 16 rental200.00
Crone JEM rentalCopco Cobra \& steel183.75
Magnetometer100.00
Food and Camp Supplies ..... 1520.29150.21
Geochemical Assays288. 30
Engineering and Reports ..... 1375.00
Administrative and Supervision - L. G. White, P. Eng., Mining Consultant ..... 600.00
\$ 10197.95

I, L. G. White, hereby declare that the information contained in the above schedule is true to the best of my information, knowledge and belief and I make this solemn declaration conscientiously believing it to be true and knowing that it is of the same force and effect as if made under oath and by virtue of the "Canada Evidence Act".

DECLARED before me at the City ) of Vancouver in the Province of Britiph Columbia this 4 day of November, A. D. 1971


A Commissioner for taking Affidavits for British Columbia

## CRATIEICAIE

 hereby catitys

1. I a mining angineer having graduated irom queen's Dreverelty ith Bechelor of Sclence degre. in 1957 .
2. I a regietered Prot onconal Engineer of the Province of Ontarle, and bese been practicing my protession since 1957.
3. I have spectalited in exploxation axd geophysics, and hawe been manager of Plonser Comoultante Limited. providiag applowathom envices to other compandas, for the pet 10 yeaze.
4. I perionalit was presen on the property described ta this report, and mpervised the fidic work mow Auguet 22 to Septenber 24, 1971.
5. I have no dixect laterete in the property on in the Britcain River Syadicate, othex chan an indirect interest in New Calumat Mines liwited, one of the member of the syndeate.

Dater Teronto ontario. Oetober 29. 1971



Brittain River Syndicate

Financial Statements
31st October, 1971

CHIRISHIAN, ROLFE \& CO.

## Battuin Aver Bractonte

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| 2 | Wehottos |  | 18.38 |
| 3 | Trapper Nollmont |  | 65.10 |
| $800^{\circ}$ | B Mive |  | 35.88 |
| 1 | Fatr extety clumeen |  | 2.62 |
| 8 | 20 1b. propan eylincore |  | 77.81 |
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| 7 | Core oteel |  | 148.05 |
| 1 | A15 intiter |  | 8.16 |
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