GEOLOG

811836

HOLE NUMBER P 72-14

DRILL HOLE GEOLOGIC LOG

CW&G — CHAPMAN, WOOD AND GRISWOLD LTD.

COMPANY: Getty Mines, Limited PROPERTY: Ashnola LOGGED BY: G. Foye DATE: June 13, 1972 PAGE 1 OF 3

C.W. & G. FORM 71-03

DIP Vert AZIM. ____ ; TYPE OF HOLE: DDH ☐ RDH ☐ PDH ☑

NORTHING 13,850 EASTING 10,750 COLLAR ELEVATION ____

DEPTH TO BASE OF LIMONITES DLI = 50

ESTIMATES & ASSAYS — ELEMENTS OR MINERALS: Cu

SCALES → MNSL (cols 13–16); D (QZ); D (MS); D D (cols 50–53); A A A A (cols 60–64)

NOTE: FILL OUT HEADING INFORMATION ON FIRST PAGE ONLY EXCEPT FOR PAGE AND HOLE NUMBER

Column headings: Structure and/or Alteration | Rock Type | Zone | Princ. Zones & Contacts, Faults & Dykes (1–3) | Depth to Bottom of Interval Described (4–7) | ROCK TYPE: Rock Type, use 4-letter code (8–11), Type Modifier (12), Colour Code M N S L or N C V (Normal, Colour, Value) (13–16), Qualifying Mineral(s) (17–18), Texture (19), Grain Size (20) | FRACTURES: All Fracs (21–23), GP1 angle to axis < 30° (24–25), GP2 30–60° (26–27), GP3 > 60° (28–29) — Fracture Density, % With Sulphides | ALTERATION ASSEMBLAGES — Mode of occurrence / % (vol.) of mineral: QZ Quartz (30–31), KF K-spar (32–33), BI Biotite (34–35), MS Sericite (36–37), CY Clay (38–39), CL Chlorite (40–41), EP Epidote (42–43), CB Carbonate (44–45), Other alteration minerals (names given on names card or on each code line) (46–49), Mode of Alt., % Alteration, Facies, Alteration Intensity (50–53) | LIMONITES (cap only or above DLI): Mobility, Gangue Reactivity, Colour Code M N S L or JA GO HE XX; MINERALIZATION (below cap or below DLI): Other minerals (use 2-letter codes on code lines) (54–59), Mode of Sulphides, % Sulphides, Alt. Zone (60–62) | MINERALIZATION — Mode of occur. / % (vol.) of mineral (names of right 4 minerals to be given on names card or on each code line; left 4 as shown or over-ridden by specifying on names card): PY (63–64), CP (65–66), BO (67–68), MO (69–70), (71–78)

Sample Number	Actual Assay (Cu)	Depth (ft)	Rock Type	Type Modifier	Colour Code	QZ	MS	Cols 50–53	Cols 60–64	Comments
		10								Overburden to 10'
31600	53 ppm	20	RHYL	3	8	24	92	1454	90190	Heavy limonite coating on most fractures. Probably of class 3 type. Very minor disseminated pyrite
31616	27 ppm	30	RHYL	3	8	24	93	1455	90490	Decrease in limonite. Quite intensely altered. No clay quartz
31617	48 ppm	40	RHYL	3	8	24	93	1455	90590	Large proportion of yellowish limonite.
31618	91 ppm	50	RHYL	3	7	24	92	1454	73273	Pronounced increase in disseminated pyrite
31619	485 ppm	60	RHYL	3	6	24	93	1454	73073	Rock considerably darker than in first few sections. Limonites virtually gone. No visible copper

GEOLOG

DRILL HOLE GEOLOGIC LOG

CW&G CHAPMAN, WOOD AND GRISWOLD LTD.

COMPANY: PROPERTY: LOGGED BY: DATE:

HOLE NUMBER P72-14

PAGE 2 OF 3

C.W.&G. FORM 71 O
P.H. BLANCH

DIP AZIM.

TYPE OF HOLE: DDH RDH PDH

CORE

NORTHING
EASTING
COLLAR ELEVATION
DEPTH TO BASE OF LIMONITES
DLI=

STRUCTURE AND/OR ALTERATION | ROCK TYPE | ZONE

ESTIMATES & ASSAYS
ELEMENTS OR MINERALS
Cu

PRINC. ZONES & CONTACTS FAULTS & DYKES

DEPTH TO BOTTOM OF INTERVAL DESCRIBED

ROCK TYPE

ROCK TYPE USE 4-LETTER CODE

TYPE MODIFIER

COLOUR CODE M N S L OR COLOUR NORMAL OR VALUE

QUALIFYING MINERAL ($)

TEXTURE

GRAIN SIZE

FRACTURES

ALL FRACS: Fracture Density; % with Sulphides; Sulphide Zone Width

GP1 < 30° ANGLE TO AXIS: Fracture Density; % With Sulphides

GP2 30-60°: Fracture Density; % With Sulphides

GP3 > 60°: Fracture Density; % With Sulphides

ALTERATION ASSEMBLAGES

MODE OF OCCURRENCE / % (VOL.) OF MINERAL

QZ QUARTZ; KF K-SPAR; BI BIOTITE; MS SERICITE; CY CLAY; CL CHLORITE; EP EPIDOTE; CB CARBONATE; OTHER ALTERATION MINERALS (NAMES GIVEN ON NAMES CARD OR ON EACH CODE LINE)

Each: MODE | %

MODE INTENSITY

FACIES

ALTERATION INTENSITY

LIMONITES (CAP ONLY OR ABOVE DLI)

MOBILITY

GANGUE REACTIVITY

COLOUR CODE M N S L OR JA GO HE XX

HYDROXIDES

SULPHIDES

SULPHOSALTS

MINERALIZATION (BELOW CAP OR BELOW DLI)

OTHER MINERALS USE 2-LETTER CODES ON CODE LINES

SULPHIDE CONT.

METAL ZONE

MINERALIZATION

MODE OF OCCUR. / % (VOL.) OF MINERAL

NAMES OF RIGHT 4 MINERALS TO BE GIVEN ON NAMES CARD OR ON EACH CODE LINE. LEFT 4 AS SHOWN OR OVER-RIDDEN BY SPECIFYING ON NAMES CARD

PY | CP | BO | MO | Each: MODE | %

SCALES →
NAMES →

COMMENTS TO BE KEYPUNCHED AFTER REMARK

FOR COMMENTS WHICH WILL NOT BE KEYPUNCHED

NOTE
FILL OUT HEADING INFORMATION ON FIRST PAGE ONLY EXCEPT FOR PAGE AND HOLE NUMBER

SAMPLE NUMBER 31620
VISUAL ESTIMATES
ACTUAL ASSAYS 300 ppm Cu

DEPTH TO BOTTOM	ROCK TYPE	TYPE MOD.	COLOUR CODE	QUALIFYING MINERAL ($)	TEXTURE	GRAIN SIZE	ALL FRACS	GP1	GP2	GP3	QZ	KF	BI	MS	CY	CL	EP	CB	OTHER ALT. MINERALS	MODE INTENSITY	FACIES	ALTERATION INTENSITY	HYDROXIDES	SULPHIDES	SULPHOSALTS	PY	CP	BO	MO
705	RHYL	3	6								29			9						4	5	2					3	0	3

Very little clear quartz

SAMPLE NUMBER 31621
VISUAL
ACTUAL 535 ppm Cu

805	RHYL	3	7								29			9						4	5	4					3	0	3

Disseminated pyrite still quite abundant and it occurs throughout the sample. Possibly a trace of chalcopyrite

SAMPLE NUMBER 31622
VISUAL
ACTUAL 315 ppm Cu

905	RHYL	3	7								29			9						4	5	4					3	0	3

Pyrite along small fracture surfaces. A little more fracturing

SAMPLE NUMBER 31623
VISUAL
ACTUAL 245 ppm Cu

1005	RHYL	3	7								29			9						4	5	4					3	0	3

Pyrite decreasing slightly

SAMPLE NUMBER 31624
VISUAL
ACTUAL 210 ppm Cu

1105	RHYL	3	7								29			9						4	5	4					3	0	3

SAMPLE NUMBER 31625
VISUAL
ACTUAL 255 ppm Cu

1205	RHYL	3	7								29			9						4	5	4					3	0	3

GEOLOG

DRILL HOLE GEOLOGIC LOG

CW&G — CHAPMAN, WOOD AND GRISWOLD LTD.

COMPANY: ______ PROPERTY: ______ LOGGED BY: ______ DATE: ______

HOLE NUMBER P 72-14

PAGE 3 OF 3

C.W.&G FORM

DIP ______ AZIM. ______

TYPE OF HOLE: DDH / RDH / PDH

NORTHING / EASTING / COLLAR ELEVATION / DEPTH TO BASE OF LIMONITES DLI =

ESTIMATES & ASSAYS — ELEMENTS OR MINERALS: Cu

NOTE: FILL OUT HEADING INFORMATION ON FIRST PAGE ONLY EXCEPT FOR PAGE AND HOLE NUMBER

Column groups printed on the form: STRUCTURE AND/OR ALTERATION; ROCK TYPE; ZONE; PRINC. ZONES & CONTACTS FAULTS & DYKES (1–3); DEPTH TO BOTTOM OF INTERVAL DESCRIBED (4–7); ROCK TYPE — ROCK TYPE USE 4-LETTER CODE (8–11), TYPE MODIFIER (12), COLOUR CODE M N S L — NORMAL OR COLOUR VALUE (13–16), QUALIFYING MINERAL(S) (17–18), TEXTURE (19), GRAIN SIZE (20); FRACTURES — ALL FRACS, GP1 < 30°, GP2 30–60°, GP3 > 60° (ANGLE TO AXIS; Fracture Density, % with Sulphides) (21–29); ALTERATION ASSEMBLAGES — MODE OF OCCURRENCE / % (VOL.) OF MINERAL: QZ QUARTZ, KF K-SPAR, BI BIOTITE, MS SERICITE, CY CLAY, CL CHLORITE, EP EPIDOTE, CB CARBONATE, OTHER ALTERATION MINERALS (NAMES GIVEN ON NAMES CARD OR ON EACH CODE LINE) (30–49), MODE OF ALT., % ALTERATION, FACIES, ALTERATION INTENSITY (50–53); LIMONITES (CAP ONLY OR ABOVE DLI) — MOBILITY, GANGUE REACTIVITY, COLOUR CODE M N S L OR JA GO HE XX, MODE OF SULPHIDES, % SULPHIDES, % LIMONITES (54–62); MINERALIZATION (BELOW CAP OR BELOW DLI) — OTHER MINERALS USE 2-LETTER CODES ON CODE LINES; MODE OF SULPHIDES, % SULPHIDES, METAL ZONE; MINERALIZATION — MODE OF OCCUR. / % (VOL.) OF MINERAL: PY, CP, BO, MO (63–80). NAMES OF RIGHT 4 MINERALS TO BE GIVEN ON NAMES CARD OR ON EACH CODE LINE. LEFT 4 AS SHOWN OR OVER-RIDDEN BY SPECIFYING ON NAMES CARD.

SCALES → / NAMES →

← COMMENTS TO BE KEYPUNCHED AFTER REMARK — FOR COMMENTS WHICH WILL NOT BE KEYPUNCHED →

Sample number	Actual assay (Cu)	Depth to bottom of interval	Rock type	Type modifier	Colour value	QZ mode / %	MS mode / %	Cols 50–53	Cols 60–62	PY mode / %	CP mode / %	Comments
31626	180 ppm	130	RHYL	3	7	2 4	9 2	6 4 5 4	7 3 0	7 3	8 0	Trace of chalcopyrite ?
31627	212 ppm	140	RHYL	3	7	2 4	9 2	6 4 5 4	7 3 0	7 3		Rock becomes slightly lighter in color
31628	339 ppm	150	RHYL	3	7	2 4	9 2	6 4 5 4	7 3 0	7 3	8 0	Pyrite content decreasing. Trace of chalcopyrite ?
31629	217 ppm	160	RHYL	3	7	2 4	9 2	6 4 5 4	7 3 0	7 3		Pyrite seems to be increasing again
31630	155 ppm	170	RHYL	3	7	2 4	9 2	6 4 5 4	7 3 0	7 3		END. Fairly abundant pyrite right to bottom of hole
31631	225 ppm	180	RHYL	3	7	2 4	9 2	6 4 5 4	7 3 0	7 3		