

QA Report : Warrant Focus

Stock	Warrant Price(Bt)		Underlying (Baht)	Time Left (Year)	Exe. Price (Baht)	Exe. Ratio	Premium (%)	All in Premium (%)	Volatility (%)	Warrant Remaining (Mil.Unit)	Gearing (X)	Expiry Date	Exercise Period
	Market	Black Scholes											
AJA-W1	0.03	N/A	0.19	0.27	1.53	1 : 1.30972	N/A	942.31	68.67	749.96	8.29	20-Nov-19	Last trading day of Mar, Sept
AKR-W1	0.17	0.05	0.78	1.80	1.00	1 : 1	255.76	50.00	30.32	671.57	4.59	30-May-21	Last trading day of Feb, May, Aug ,Nov
ALT-W1	0.53	0.17	2.78	1.35	3.00	1 : 1	207.63	26.98	19.85	230.98	5.25	18-Dec-20	15th of Mar,Sept
APEX-W1	0.03	0.01	0.18	1.88	0.40	1 : 1	138.71	138.89	52.50	499.97	6.00	30-Jun-21	Last trading day of June, Dec
APURE-W2	0.13	0.48	1.06	1.81		1 : 1	-73.02		38.76	95.83	8.15	04-Jun-21	Last trading day of Mar, June, Sept, Dec
AS-W1	0.09	0	0.73	0.75	2.00	1 : 1	N/A	186.30	50.33	102.47	8.11	14-May-20	25 Jun and 25 Dec of each year
AYUD-W1	3.60	3.08	40	0.74	39.00	1 : 1	16.81	6.50	21.87	78.56	11.11	08-May-20	15th of Jun, Dec
B52-W1	0.01	0	0.19	0.08	2.28	1 : 0.657	N/A	727.20	48.49	658.50	12.48	11-Sep-19	Last trading day of June, Dec
B52-W2	0.01	0	0.19	0.81	7.10	1 : 0.211	N/A	768.82	48.49	1,756.00	4.01	05-Jun-20	Last trading day of June, Dec
BKD-W2	0.14	0	2.8	3.30	3.97	1 : 1.00731	N/A	47.16	11.04	358.73	20.15	30-Nov-22	Last trading day of Nov
BM-W1	0.18	0.01	2.22	1.01	4.00	1 : 1	N/A	88.29	32.59	110.00	12.33	14-Aug-20	16 Aug 2020
BROOK-W5	0.26	0.17	0.52	2.77	0.25	1 : 1	53.86	-1.92	40.63	1,407.54	2.00	20-May-22	Last trading day of Mar, June, Sept, Dec
BTS-W4	2.12	2.23	12.7	0.30	10.38	1 : 1.011	-4.94	-1.56	22.68	611.53	6.06	29-Nov-19	Last trading day of Mar, June, Sept, Dec
B-W3	0.01	0	0.34	1.38	4.99	1 : 0.12024	N/A	164.80	84.58	3,437.23	4.09	28-Dec-20	30 of Nov
B-W4	0.08	0.07	0.34	1.88	0.92	1 : 1.3087	9.25	254.04	84.58	96.85	5.56	01-Jul-21	Last trading day of June, Dec
CGD-W4	0.13	0	1.05	1.87	2.75	1 : 1	N/A	174.29	23.08	1,652.87	8.08	26-Jun-21	Last trading day of June, Dec
CGH-W3	0.03	0.01	0.87	1.79	2.00	1 : 1	N/A	133.33	34.76	1,445.62	29.00	28-May-21	Last trading day of May,Nov
CHEWA-W1	0.02	0	0.76	0.29	1.75	1 : 1	N/A	132.89	31.47	467.34	38.00	27-Nov-19	28 Dec 18, 28 Jun 19, 27 Nov 19
CHO-W2	0.19	0.11	0.88	1.38	0.86	1 : 1	80.29	19.32	31.64	649.42	4.63	30-Dec-20	Last trading day of June, Dec
CI-W1	0.13	0	1.1	0.79	2.16	1 : 1.0172	N/A	110.30	27.09	98.86	8.61	29-May-20	Last trading day of May,Nov
CKP-W1	1.00	0.65	6.25	0.79	6.00	1 : 1.0007	53.01	12.01	25.79	1,276.18	6.25	28-May-20	Last trading day of Mar, June, Sept, Dec
CRANE-W1	1.61	0.32	2.2	0.89	3.00	1 : 1	409.01	109.55	68.22	60.63	1.37	02-Jul-20	15th of Jan, Jul
DCC-W1	0.69	0.63	2.06	1.74	1.15	1 : 1	8.99	-10.68	22.77	1,907.75	2.99	08-May-21	8 May 2019, 8 May 2020, 8 May 2021
DOD-W1	2.08	1.42	11.2	1.90	15.75	1 : 1	46.73	59.20	58.49	182.22	5.38	07-Jul-21	Last trading day of May,Nov
EARTH-W4 <i>SP</i>	0.01	0	0.46	0.08	6.86	1 : 1.02	N/A	1421.57	237.11	1,409.63	46.92	13-Sep-19	15th of Mar,Sept

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ECF-W3	0.93	0.01	2.42	1.53	5.00	1 : 1.0008	N/A	144.98	26.34	129.95	2.60	20-Feb-21	25 May 19, 25 Aug 19, 25 Nov 19, 25 Feb 20, 2
ECL-W3	0.60	0.14	1.67	1.48	1.85	1 : 1	324.18	46.71	31.57	554.43	2.78	05-Feb-21	Last Business Day of evert six month from the is
EFORL-W3	0.01	0.01	0.05	0.80	0.60	1 : 1	-0.09	1120.00	209.74	1,377.16	5.00	01-Jun-20	22 Jun and 22 Dec of each year
EFORL-W4	0.01	0.01	0.05	0.80	0.50	1 : 1	-14.51	920.00	209.74	772.51	5.00	01-Jun-20	22 Jun and 22 Dec of each year
EIC-W2	0.01	0.01	0.05	0.93	1.00	1 : 2.32054	N/A	4455.44	199.98	190.75	11.60	16-Jul-20	Last trading day of June, Dec
EIC-W3	0.01	0.05	0.05	1.84	1.00	1 : 2.32054	-78.45	4455.44	199.98	16.42	11.60	16-Jun-21	Last trading day of June, Dec
EMC-W6	0.13	0.09	0.24	4.18	0.15	1 : 1	41.23	16.67	51.01	4,216.75	1.85	15-Oct-23	15th of Apr,Oct
EPCO-W3	0.71	0.23	3.74	1.35	4.83	1 : 1.0361	214.76	49.75	34.56	85.54	5.46	16-Dec-20	Last trading day of Jan, Apr, Jul, Oct
FVC-W2	0.22	0	0.5	0.87	0.96	1 : 1.04545	N/A	141.55	37.88	138.79	2.38	26-Jun-20	Last Trading of June
GJS-W3	0.01	0.01	0.16	0.49	0.17	1 : 0.5	N/A	5.25	78.92	3,674.43	8.00	07-Feb-20	Last trading day of June, Dec
GSTEEL-W1 SP	0.01	0	0.09	0.12	2.75	1 : 0.2	N/A	593.33	201.18	5,676.19	1.80	26-Sep-19	Last trading day of June, Dec
GSTEEL-W2 SP	0.01	0	0.09	0.12	2.75	1 : 0.2	N/A	593.33	201.18	1,348.65	1.80	26-Sep-19	Last trading day of June, Dec
HPT-W1	0.42	0.22	0.69	1.81	0.50	1 : 1	91.42	33.33	41.64	110.50	1.64	04-Jun-21	Last trading day of June, Dec
IHL-W1	1.50	1.24	4.82	0.16	3.50	1 : 1	20.96	3.73	43.94	13.04	3.21	11-Oct-19	Last trading day of Mar, Sept
ITEL-W1	0.56	0.08	3.5	1.78	5.00	1 : 1	615.31	58.86	24.37	249.99	6.25	22-May-21	Last trading day of Mar, June, Sept, Dec
JAS-W3	3.64	2.63	6.5	0.90	3.61	1 : 1.192	38.46	13.66	41.56	1,304.56	2.13	05-Jul-20	Last trading day of Mar, June, Sept, Dec
JCK-W5	0.24	0	1.41	0.88	3.50	1 : 1	N/A	165.25	31.68	241.12	5.88	30-Jun-20	Last trading day of Mar, June, Sept, Dec
JKN-W1	1.65	0.03	7.8	0.74	15.00	1 : 1	6030.6	113.46	38.57	108.00	4.73	10-May-20	15 Dec 2018, 15 Jun 2019, 15 Dec 2019, 8 May
JMT-W2	3.42	2.75	18.5	2.04	18.62	1 : 1.02031	24.21	19.53	36.71	222.00	5.52	27-Aug-21	Last trading day of Mar, June, Sept, Dec
J-W1	0.55	0.03	1	2.83	2.00	1 : 1	2024.81	155.00	28.32	156.48	1.82	10-Jun-22	Last trading day of Mar, June, Sept, Dec
LIT-W1	1.51	0.57	5.6	2.70	4.00	2 : 1	167.19	-1.61	33.62	157.10	3.71	25-Apr-22	25 of Jan, Apr, Jul, Oct
MACO-W2	0.24	0.05	1.52	2.04	2.10	1 : 1	389.75	53.95	25.20	1,375.54	6.33	27-Aug-21	Last trading day of Mar, June, Sept, Dec
META-W4	0.16	0	1.6	1.29	3.50	1 : 1	N/A	128.75	27.34	91.07	10.00	26-Nov-20	29 Aug 19, 28 Nov 19, 27 Feb 20, 26 May 20, 2
MILL-W3	0.01	N/A	0.9	0.36	2.73	1 : 1.099	N/A	224.93	37.57	625.70	98.91	21-Dec-19	Last trading day of June, Dec
MILL-W4	0.07	0.03	0.9	2.91	2.00	1 : 1.099	100.86	143.24	37.57	405.44	14.13	11-Jul-22	Last trading day of Mar, June, Sept, Dec

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MILL-W5	0.04	0	0.9	0.91	1.75	1 : 1.03	N/A	101.63	37.57	905.04	23.18	10-Jul-20	Last trading day of Mar, June, Sept, Dec
MINT-W6	4.70	3.21	37.75	2.13	43.00	1 : 1	46.4	26.36	21.79	230.94	8.03	30-Sep-21	15th of Feb, May, Aug, Nov
MONO-W1	0.09	0	1.58	0.18	2.46	1 : 1.015	N/A	62.57	28.44	1,352.35	17.82	17-Oct-19	Last trading day of Mar, June, Sept, Dec
NCL-W3	0.08	N/A	1.19	0.32	2.40	1 : 1.5	N/A	162.61	29.13	64.88	22.31	06-Dec-19	28 Jun 19, 6 Dec 19
NEP-W3	0.01	0	0.28	0.08	0.55	1 : 1	N/A	100.00	58.48	208.41	28.00	13-Sep-19	15th of Mar, June ,Sep, Dec
NEWS-W6	0.01	0.01	0.01	1.83	0.02	1 : 1	N/A	160.00	380.40	14,570.70	1.00	12-Jun-21	6 Jul 18, Last trading day of Jun, Dec
NFC-W1	1.88	0.94	3.62	2.34	6.48	1 : 1.00255	100.98	131.37	75.97	108.78	1.93	13-Dec-21	Last trading day of June, Dec
NOK-W1	0.18	N/A	2.2	0.79	3.19	1 : 1.5695	N/A	83.16	46.53	127.75	19.18	29-May-20	Last trading day of Mar, June, Sept, Dec
NPPG-W4	0.58	0.4	1.01	2.44	0.50	1 : 1	45.59	6.93	33.43	749.60	1.74	20-Jan-22	Last trading day of Mar, June, Sept, Dec
NUSA-W3	0.15	0	0.38	0.52	1.00	1 : 1	N/A	202.63	52.36	693.94	2.53	18-Feb-20	Last trading day of May,Nov
NVD-W1	0.18	0	2.6	1.92	7.86	1 : 1.018	N/A	213.00	25.28	276.12	14.70	15-Jul-21	Last trading day of May,Nov
OCEAN-W3	0.56	0.48	1.26	2.51	1.00	1 : 1	17.45	23.81	83.67	603.22	2.25	13-Feb-22	13 Feb 2022
ORI-W1	0.87	0.16	7.9	1.13	13.33	1 : 1	437	79.79	40.60	609.86	9.08	30-Sep-20	Last trading day of Mar, June, Sept, Dec
PACE-W2	0.02	0.01	0.2	3.53	2.00	1 : 1	56.33	910.00	72.23	2,460.22	10.00	22-Feb-23	21 Feb 20, Last trading day of Jun and Dec
PDI-W1	0.94	0	9	1.75	33.00	1 : 1	N/A	277.11	29.55	75.33	9.57	14-May-21	15 May, 15 Nov
PDJ-W3	0.52	0.53	1.55	0.49	1.00	1 : 1	-2.79	-1.94	24.92	25.59	2.98	07-Feb-20	7 Feb 20
PDJ-W4	0.53	0.54	1.55	1.49	1.00	1 : 1	-2.29	-1.29	24.92	51.19	2.92	07-Feb-21	7 Feb 21
PERM-W1	0.31	0.24	1.05	2.85	1.80	1 : 1	28.64	100.95	68.11	250.00	3.39	17-Jun-22	30 Sept 19, 17 Jun 22
PORT-W1	1.07	0.46	4.68	2.79	6.50	1 : 1	130.67	61.75	32.10	46.00	4.37	27-May-22	Last trading day of June, Dec
PRIME-W1	0.06	0	0.4	1.36	1.08	1 : 1.3946	N/A	256.33	57.72	347.00	9.30	22-Dec-20	Last trading day of Mar, June, Sept, Dec
PRIME-W2	0.04	0	0.4	1.36	1.53	1 : 1.3095	N/A	382.14	57.72	261.75	13.10	22-Dec-20	Last trading day of Mar, June, Sept, Dec
PROUD-W2	0.56	0.34	1.48	0.90	1.53	1 : 1.174	62.99	48.63	58.38	31.68	3.10	06-Jul-20	Last trading day of Mar, June, Sept, Dec
RICHY-W2	0.07	N/A	1.27	0.89	2.25	1 : 1.22449	N/A	100.85	22.19	157.08	22.22	02-Jul-20	Last Trading day of Jan, Jul
RS-W3	4.94	3.16	15.6	0.78	12.47	1 : 1.0028	56.3	11.61	37.84	187.52	3.17	23-May-20	Last trading day of Apr, Oct
SAMART-W2	0.83	0.49	9.8	1.76	14.80	1 : 1.014	70.74	60.32	35.28	335.43	11.97	17-May-21	16 Nov 18, ... every 6 months..., 17 May 21

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	Market	Black Scholes											
SANKO-W1	0.19	0.05	0.99	1.22	1.00	1 : 1	286.93	20.20	16.16	93.41	5.21	30-Oct-20	19 Apr 19, 30 Oct 19, 29 Apr 20, 30 Oct 20
SAWAD-W1	7.00	7.87	50.5	0.79	48.48	1 : 1.237	-11.1	12.19	34.98	39.95	8.92	29-May-20	Last trading day of May,Nov
SDC-W1	0.14	0.06	0.3	3.80	0.50	1 : 1	142.31	113.33	45.65	1,731.04	2.14	01-Jun-23	Last trading day of June, Dec
SIMAT-W2	0.23	N/A	1.5	0.77	13.32	1 : 1.1261	N/A	904.63	38.32	37.81	7.34	19-May-20	Last trading day of Jan, Apr, Jul, Oct
SIMAT-W3	0.26	0	1.5	5.77	26.64	1 : 1.1261	N/A	1906.87	38.32	37.81	6.50	19-May-25	Last trading day of Jan, Apr, Jul, Oct
SIMAT-W4	0.60	0.57	1.5	1.90	1.00	1 : 1	4.73	6.67	38.32	43.69	2.50	08-Jul-21	9 Jul 2021
SINGER-W1	2.70	2.31	8.25	1.70	7.00	1 : 1	16.83	17.58	46.23	65.75	3.06	23-Apr-21	Last trading day of Mar, June, Sept, Dec
SINGER-W2	2.00	1.5	8.25	3.69	14.00	1 : 1	33.02	93.94	46.23	65.75	4.13	21-Apr-23	Last trading day of Mar, June, Sept, Dec
SMT-W2	0.30	0.06	1.68	0.79	2.10	1 : 1	418.41	42.86	31.31	209.12	5.60	29-May-20	Last trading day of Mar, Sept, Dec
SPORT-W7 <i>SP</i>	0.01	0	0.13	0.05	0.20	1 : 1	N/A	61.54	76.02	84.40	13.00	30-Aug-19	Last trading day of each month
SST-W2	1.44	0.01	4.54	2.13	10.00	1 : 1	9786.32	151.98	24.40	30.39	3.15	30-Sep-21	Last trading day of June, Dec
STAR-W3	0.38	0.08	3.52	0.53	4.00	1 : 1	371.57	24.43	26.48	135.45	9.26	21-Feb-20	25 of Jun, Dec
SUPER-W4	0.05	0	0.66	1.05	2.50	1 : 1	N/A	286.36	36.42	5,469.68	13.20	31-Aug-20	Last trading day of Feb, May, Aug, Nov
SVI-W3	1.00	0.08	3.66	0.62	4.44	1 : 1	1174.3	48.63	27.83	31.00	3.66	26-Mar-20	15 of Jul
SWC-W1	3.90	1.27	5.25	2.65	1.00	1 : 1	206.16	-6.67	48.33	149.99	1.35	08-Apr-22	Last business day of every 6 month after the iss
TAKUNI-W	0.10	0	0.56	1.46	1.88	1 : 1.07	N/A	271.32	34.01	400.00	5.99	28-Jan-21	Last trading day of Dec
TCC-W3	0.08	0.01	0.31	2.64	0.81	1 : 1.23886	N/A	230.59	38.51	92.20	4.80	01-Apr-22	Last trading day of Mar, June, Sept, Dec
TCC-W4	0.08	0.01	0.31	3.75	0.90	1 : 1.10801	482.33	240.55	38.51	369.34	4.29	14-May-23	Last trading day of Mar, June, Sept, Dec
TCC-W5	0.20	0.11	0.31	8.79	0.50	1 : 1	87.98	125.81	38.51	98.41	1.55	24-May-28	Last trading day of Jul
TCJ-W2	0.53	0	4.88	0.81	9.80	1 : 1.02	N/A	114.00	19.21	31.53	9.39	05-Jun-20	Last trading day of Mar, June, Sept, Dec
TCMC-W2	0.15	0.02	2.48	0.30	4.00	1 : 1	505.91	67.34	61.71	254.40	16.53	30-Nov-19	Last trading day of Mar, Sept
TFG-W2	0.89	0.03	4.78	0.76	9.50	1 : 1	2914.88	117.36	42.06	510.81	5.37	18-May-20	Last trading day of June, Dec
TGPRO-W3	0.02	0.02	0.1	4.11	0.50	1 : 1	12.31	420.00	77.16	1,944.51	5.00	20-Sep-23	Last trading day of Mar, June, Sept, Dec
THE-W2	0.01	0	2	0.68	3.50	4 : 1	N/A	75.50	30.99	2,191.76	200.00	17-Apr-20	Last trading day of Apr, Oct
TH-W2	0.16	0.01	0.74	0.84	1.00	1 : 1	1075.73	56.76	30.14	321.67	4.63	16-Jun-20	Last Trading of June

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	Market	Black Scholes											
TNITY-W1	0.41	0.03	4.22	1.60	5.00	1 : 1	1228.43	28.20	15.05	97.28	10.29	19-Mar-21	Last trading day of Mar, June, Sept, Dec
TRITN-W3	0.19	0.11	0.35	1.79	0.25	1 : 1.00027	75.28	25.70	37.81	1,606.61	1.84	28-May-21	Last trading day of Mar, June, Sept, Dec
TTCL-W1	0.96	0.33	9.9	1.88	18.00	1 : 1	186.78	91.52	34.94	112.00	10.31	28-Jun-21	Last trading day of June, Dec
TVD-W2	0.43	0.23	1.3	1.64	1.00	1 : 1.002	89.69	9.87	26.52	162.48	3.03	02-Apr-21	Last trading day of June, Dec
TWZ-W5	0.01	0.02	0.09	0.47	0.10	1 : 1	-41.38	22.22	106.20	2,289.87	9.00	31-Jan-20	30 Jan 20
UAC-W2	0.56	0	3.04	0.88	5.55	1 : 1	N/A	100.99	18.95	66.76	5.43	30-Jun-20	Last trading day of Mar, June, Sept, Dec
UKEM-W2	0.45	0.06	0.53	0.59	0.50	1 : 1	653.08	79.25	30.39	103.01	1.18	14-Mar-20	Last trading day of May,Nov
U-W1	0.01	N/A	1.64	0.23	6.00	1 : 0.01	N/A	2.66	28.06	180,628.31	1.64	06-Nov-19	Last trading day of Mar, June, Sept, Dec
U-W4	0.01	0	1.64	3.59	6.00	1 : 0.01	N/A	2.66	28.06	141,895.49	1.64	15-Mar-23	Last trading day of Mar, June, Sept, Dec
VGI-W2	1.47	1.62	9.7	3.08	10.00	1 : 1	-9.21	18.25	27.81	1,711.33	6.60	11-Sep-22	Last trading day of Mar, June, Sept, Dec
VIBHA-W2	1.16	1.16	2.2	0.84	1.00	1 : 1.00086	0.33	-1.87	19.54	426.70	1.90	14-Jun-20	30th of Sep
VIBHA-W3	0.30	0.08	2.2	2.84	3.00	1 : 1.00086	268.08	49.91	19.54	1,011.78	7.34	14-Jun-22	30 Sep of each year
WAVE-W1	0.36	0	1.89	0.74	6.00	1 : 1	N/A	236.51	37.38	42.12	5.25	08-May-20	Last trading day of June, Dec
WHA-W1	12.20	12.97	4.68	0.56	3.42	1 : 10.2396	-5.94	2393.20	17.99	79.06	3.93	04-Mar-20	25 of Jun, Dec
WIJK-W2	0.18	N/A	1.46	2.39	4.22	1 : 1.185	N/A	238.70	25.68	124.97	9.61	02-Jan-22	Last Business Day of December of each year.
WORK-W1	8.40	0	22	0.13	38.10	1 : 1	N/A	111.36	49.28	3.42	2.62	30-Sep-19	25th of Feb, May, Aug, Nov
ZMICO-W4	0.10	N/A	0.9	4.68	2.70	1 : 2	N/A	422.22	18.05	413.03	18.00	17-Apr-24	Last trading day of Mar, June, Sept, Dec